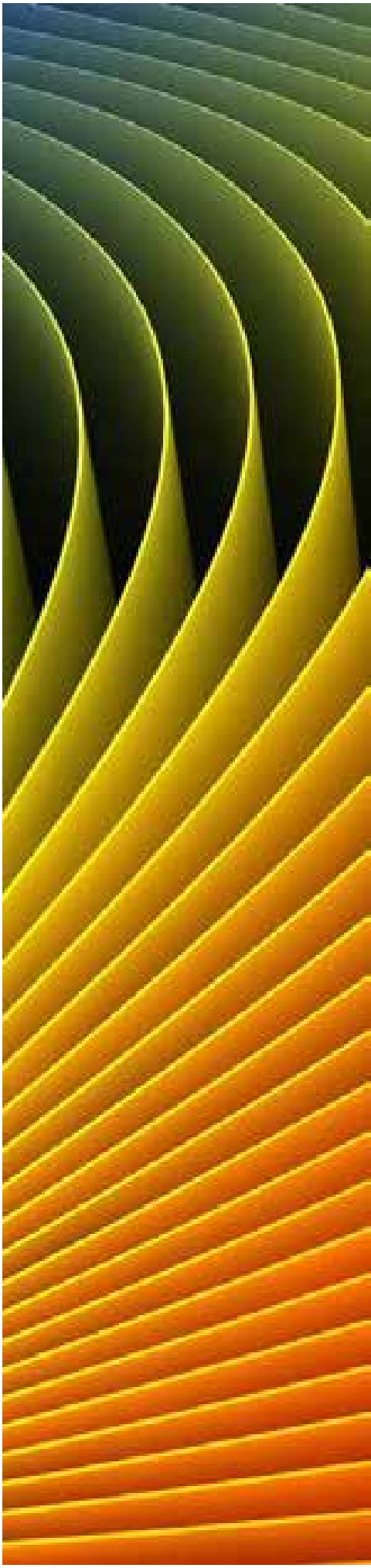
THE ONE

2014

EXPERTISE



LEDS-C4 es una empresa con más de 40 años de experiencia en el diseño, desarrollo y producción de aparatos de iluminación.

LEDS-C4 is a company with over 40 years' experience in design, development and manufacture of lighting solutions.

LEDS-C4 est une société forte de pus de 40 ans d'expérience en conception, développement et fabrication de solutions d'éclairage.

LEDS-C4 ist eine Firma mit über 40 Jahren Erfahrung im Design, Entwicklung und Herstellung von Lichtlösungen.

LEDS-C4 e' un'azienda con oltre quaranta anni di esperienza nel settore dell'illuminazione, specializzata nello sviluppo prodotti, progettazione e soluzioni illuminotecniche.

A **LEDS-C4** é uma empresa com mais de 40 anos de experiência em design, desenvolvimento e fabrico de soluções de iluminação.

LEDS-C4 – это компания с более, чем сорокалетним опытом работы в дизайне и производстве светильников.

LEDS-C4 to firma z ponad 40-letnim doświadczeniem w rozwoju, projektowaniu i produkcji rozwiązań oświetleniowych.



LEDS·C4

KEY FACTORS

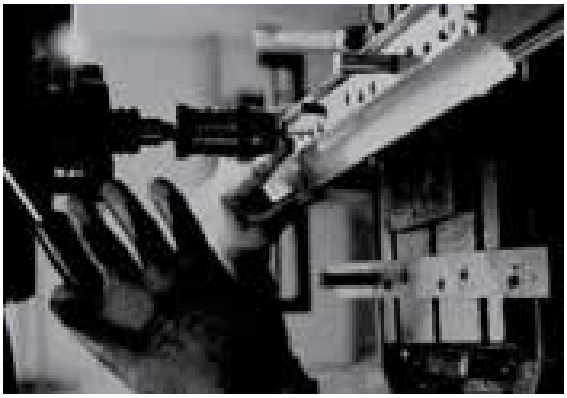
KNOW-HOW

IN-HOUSE DESIGN & ENGINEERING & TESTING & MANUFACTURING











LOGISTICS CENTRE 150,000 CUBIC METRES.

■ Instalaciones propias de fabricación y un amplio departamento técnico (más de 30 profesionales) confieren un valor añadido.

■ Herstellung im eigenen Werk und eigene Technikabteilung (mehr als 30 Techniker) sorgen für Zusatzwert.

■ Собственные производственные мощности и большой технический отдел (более 30 специалистов) обеспечивают дополнительные преимущества.

■ Our manufacturing facilities and a large technical department (over 30 professionals) provide added value.

■ Il nostro valore aggiunto è il risultato di installazioni di produzione proprie e di un ampio e qualificato staff tecnico (composto da oltre 30 professionisti).

■ Własne zakłady produkcyjne i obszerny dział techniczny (ponad 30 fachowców) dostarcza wartości dodanej.

■ La société dispose de ses propres installations de fabrication et d'un vaste département technique (plus de 30 professionnels) qui lui confèrent de la valeur ajoutée.

■ A empresa dispõe das suas próprias instalações de fabrico e de um vasto departamento técnico (mais de 30 profissionais) factores que lhe conferem um valor acrescentado.

LEDS·C4

VANGUARD
INNOVATION
FUTURE
MATERIALS
DESIGN
TECHNOLOGY
TRENDS



- Led ZHAGA.
- Control y unificación del Binning de los led.
- Integración de la luz en la arquitectura.
- Luminarias bifuncionales.
- Materiales sostenibles.

- ZHAGA LED.
- Control and unification of LED binning.
- Integration of light in architecture.
- Bifunctional luminaires.
- Sustainable materials.

- Led ZHAGA.
- Contrôle et unification du binning des LED.
- Intégration de la lumière dans l'architecture.
- Luminaires bifonctionnels.
- Matériaux durables.

- LED ZHAGA.
- Steuerung und Vereinheitlichung des Binning der LED.
- Integration von Licht in die Architektur.
- Bifunktionale Leuchten.
- Nachhaltige Materialien.

- Led ZHAGA.
- Controllo e unificazione del Binning dei led.
- Integrazione della luce nell'architettura.
- Lampade bifunzionali.
- Materiali sostenibili.

- LED ZHAGA.
- Controlo e unificação do Binning dos LED.
- Integração da luz na arquitetura.
- Luminárias bifuncionais.
- Materiais sustentáveis.

- Светодиод ZHAGA.
- Контроль и унификация биннинга (классификации) светодиодов.
- Превращение света в часть архитектуры.
- Бифункциональные светильники.
- Долговечные материалы

- Dioda ZHAGA.
- Kontrola i ujednolicenie binningu diod.
- Zintegrowanie światła z architekturą.
- Dwufunkcyjne oprawy oświetleniowe.
- Trwałe materiały.

HIGH PERFORMANCE



- Dos años mínimo de garantía.
- Posibilidad de extensión de garantía.

- A minimum of two years' guarantee.
- Option to extend the guarantee.

- Deux ans de garantie minimum.
- Possibilité d'extension de garantie.

- Zwei Jahre Mindestgarantie.
- Möglichkeit zur Verlängerung der Garantie.

- Garanzia minima: 2 anni
- Possibilita di estensione della garanzia.

- Como mínimo, dois anos de garantia.
- Possibilidade de extensão de garantia.

- Минимум два года гарантии.
- Возможность продления гарантийного срока.

- Minimalnie dwa lata gwarancji.
- Możliwość przedłużenia gwarancji.

- Un estricto control de calidad en cada parte del proceso de producción garantiza la excelencia del producto.

- Strict quality control during each phase of the production process guarantees product excellence.

- Un contrôle de qualité rigoureux à chaque stade du processus de production assure l'excellence du produit.

- Eine strikte Qualitätskontrolle in allen Verfahrensschritten garantiert die Exzellenz unserer Produkte.

- L'eccellenza dei nostri prodotti è garantita dal rigoroso ed esaustivo controllo di qualità al quale è sottoposto.

- Um rigoroso controlo de qualidade em cada fase do processo produtivo garante a excelência do produto.

- Строгий контроль качества на каждом этапе производственного процесса гарантирует получение превосходного продукта.

- Rygorystyczna kontrola jakości na każdym etapie procesu produkcyjnego zapewnia doskonały produkt.

ECO SUSTAINABLE



■ El modelo de gestión de LEDS-C4 garantiza que la actividad de la empresa sólo tenga efectos positivos tanto en su entorno social como ambiental.

■ Das Verwaltungsmodell von LEDS-C4 garantiert, dass die Aktivität des Unternehmens nur positive Auswirkungen auf das soziale Umfeld und die Umwelt hat.

■ Модель управления LEDS-C4 обеспечивает положительный эффект от деятельности предприятия как на окружающую среду, так и на общество.

■ The LEDS-C4 management model guarantees that the company's activities only have positive effects on both its social and environmental spheres.

■ Grazie al nostro modello di gestione l'impatto esterno della LEDS-C4, tanto a livello ambientale quanto a livello sociale, produce unicamente effetti positivi.

■ Model zarządzania LEDS-C4 zapewnia, że działalność firmy ma tylko pozytywne skutki zarówno dla otoczenia społecznego jak i środowiska naturalnego.

■ Grâce à son modèle de gestion, l'activité de LEDS-C4 n'a que des répercussions positives sur son environnement, tant sur le plan social qu'environnemental.

■ O modelo de gestão da LEDS-C4 garante que a atividade da empresa só tem efeitos positivos tanto em termos sociais como ambientais.

COLOUR CONTROL

Conscientes de la importancia que adquiere la tonalidad de color en los led, LEDS-C4 ha desarrollado un estricto procedimiento de control en sus luminarias para asegurar que la tonalidad se mantenga constante para cada temperatura de color.

- Unificación de las temperaturas de color por cada tonalidad.
- Segmentación estricta de los bins y steps MacAdam.
- Selección de fabricantes de led con garantías de producto e innovación.
- Doble verificación de los procesos.

Conscious of the importance of colour tone in LEDs, LEDS-C4 has developed a strict review procedure for its luminaires in order to ensure that the tone remains constant for each colour temperature.

- Unification of colour temperatures for each tone.
- Accurate segmentation of MacAdam bins and steps.
- Selection of LED manufacturers who provide product guarantees and innovation.
- Double-checking of processes.

Conscients de l'importance qu'acquiert la tonalité de couleur dans les LED, la société LEDS-C4 a mis au point une procédure de contrôle rigoureuse dans ses luminaires en vue d'assurer le maintien d'une tonalité constante pour chaque température de couleur.

- Unification des températures de couleur pour chaque tonalité.
- Segmentation précise des bins et des steps MacAdam.
- Sélection de fabricants de LED qui offrent des garanties en termes de produit et d'innovation.
- Double vérification des processus.

Alle Leuchten von LEDS-C4, die mit LEDs bestückt sind, durchlaufen eine strenge Qualitätskontrolle, um sicherzustellen, dass der Farbton bei allen Farbtemperaturen unverändert bleibt.

- Vereinheitlichung der Farbtemperaturen der verschiedenen Farbtöne.
- Akkurate Segmentierung von Bins und Steps MacAdam.
- Auswahl von LED-Herstellern, die Qualität und Innovation garantieren.
- Doppelte Überprüfung der Prozesse.

Consapevole di quanto sia importante la variabile colore nei led, LEDS-C4 applica una rigida procedura di controllo tale da garantirne l'invariabilità.

- Unificazione delle temperature di colore per ciascuna tonalità.
- Segmentazione accurata dei bin e degli step MacAdam.
- Selezione dei produttori di led con garanzie di prodotto e innovazione.
- Duplice verifica dei processi.

Cientes da importância da tonalidade de cor nos LED, a LEDS-C4 desenvolveu um estrito procedimento de controlo das suas luminárias para assegurar que a tonalidade se mantém constante para cada temperatura de cor.

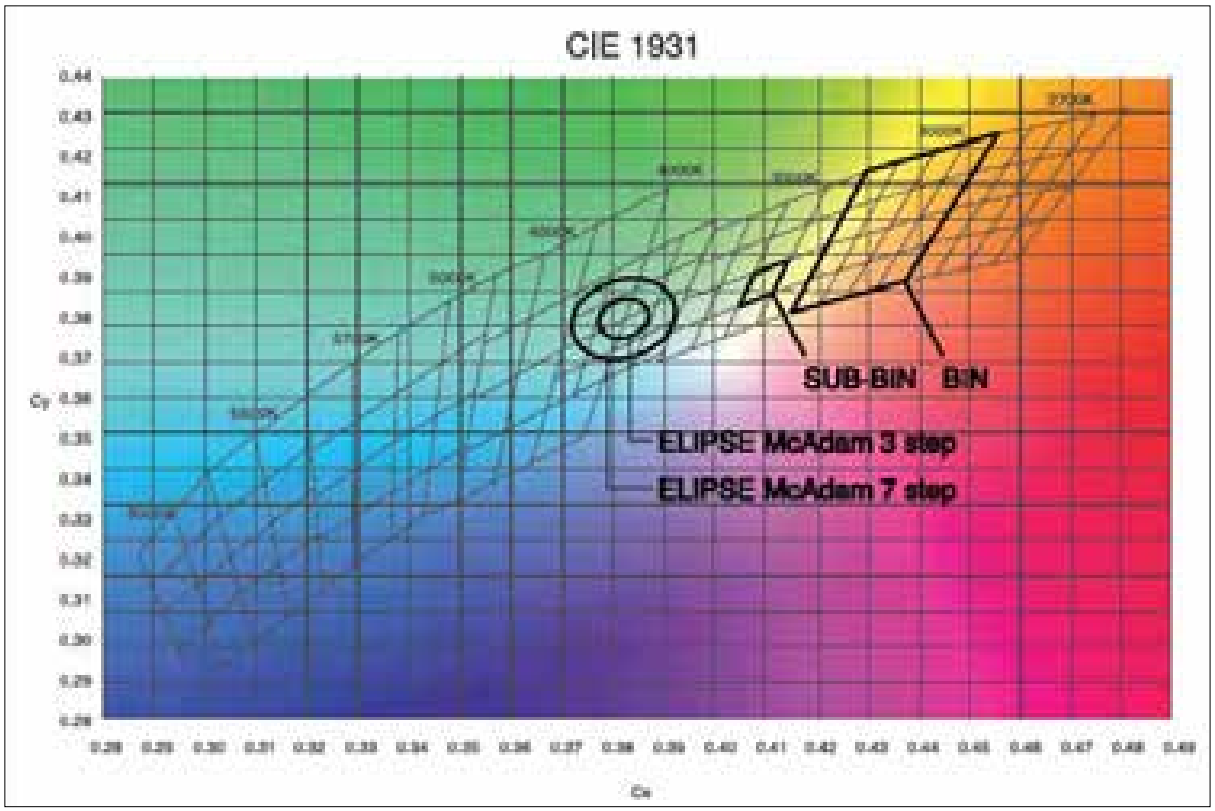
- Unificação das temperaturas de cor por cada tonalidade.
- Segmentação cuidada dos bins e steps MacAdam.
- Seleção de fabricantes de LED com garantias de produto e inovação.
- Dupla verificação dos processos.

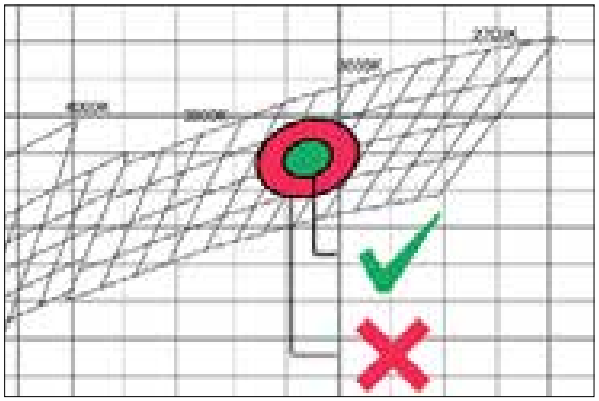
Сознавая важность оттенка цвета светодиодов, LEDS-C4 разработала строгую процедуру контроля светильников для обеспечения постоянного цвета для каждой отдельно взятой цветовой температуры.

- Унификация цветовых температур для каждого оттенка
- Лаборатория точной сегментации типов и шагов МакАдама
- Выбор производителей светодиодов, дающих гарантии надежности и современности продукта.
- Двойная проверка процессов.

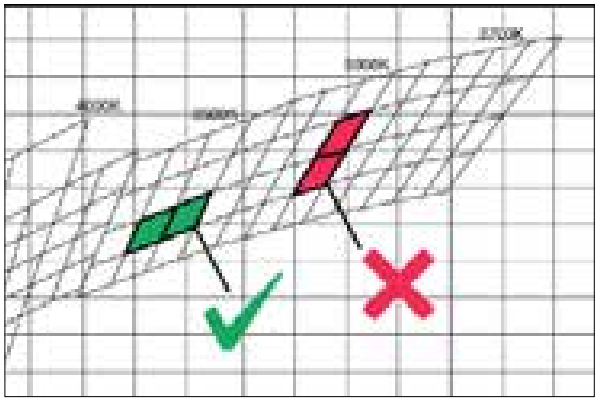
Świadomi znaczenia jakiego nabiera tonacja koloru w diodach, LEDS-C4 opracowała rygorystyczną procedurę kontrolującą jej oprawy oświetleniowe w celu zagwarantowania, że tonacja będzie utrzymana niezmienna dla każdej temperatury koloru.

- Ujednolicenie temperatur koloru dla każdej tonacji
- Staranny podział binów i stopni MacAdam
- Dobór producentów diod gwarantujących produkt i jego innowacyjność.
- Podwójne sprawdzanie procesów.





MAC ADAM



BINS

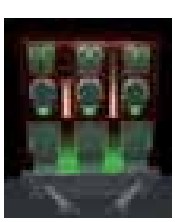
LEDS·C4

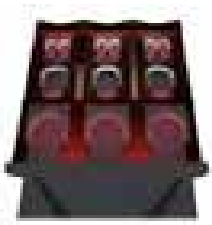
INTEGRAL LIGHTING EXPERIENCE



LAS ARENAS SHOPPING CENTER – BARCELONA (SPAIN)







CONSULTORÍA DE ILUMINACIÓN
LIGHTING CONSULTANCY
LE CONSEIL EN ILLUMINATION
CONSULENZA DI ILLUMINAZIONE
LICHTPLANUNG UND BELEUCHTUNGSBERATUNG
CONSULTADORIA EM ILUMINAÇÃO
КОНСУЛЬТАЦИЯ ПО ОСВЕЩЕНИЮ
DORADZTWO OŚWIETLENIOWE

DIALux

BESPOKE SOLUTIONS CUSTOM MADE



ST. REGIS HOTEL – DOHA (QATAR)

- Capacidad para desarrollar a medida cualquier solución requerida.
- Kapazität zur Entwicklung aller benötigten technischen Lösungen.
- Возможность разработки абсолютно индивидуального решения для любых потребностей.
- Ability to develop any bespoke solution required.
- Capacità di sviluppare su misura qualsiasi soluzione richiesta.
- Zdolność opracowania rozwiązania na miarę każdej potrzeby.
- Capacité à développer n'importe quelle solution requise sur mesure.
- Capacidade para desenvolver qualquer solução necessária à medida.

LEDS·C4

HOSPITALITY
OUTDOOR
RETAIL
RESIDENTIAL
URBAN
COMMERCIAL
ARCHITECTURAL
SPA


MAN















OUR PRODUCTS

TECHNICAL
DECORATIVE
OUTDOOR
EMOTIONAL

44-223

TECHNICAL

46-77
SPOTLIGHTS AND TRACKS
PROYECTORES Y CARRILES
PROJECTEURS ET RAILS
STRAHLER UND SCHIENEN
PROIETTORI E BINARI
PROJETORES E CALHAS
ПРОЖЕКТОРЫ И ШИНОПРОВОДЫ
PROJEKTORY I SZYNY

78-167
DOWNLIGHTS
DOWNLIGHTS
DOWNLIGHTS
DOWNLIGHTS
DOWNLIGHTS
DOWNLIGHTS
ПОТОЛОЧНЫЕ
OPRAWY TYPU DOWNLIGHT

168-179
FLUORESCENT LINEAL LIGHTING SYSTEMS
SISTEMAS DE FLUORESCENCIA LINEAL
SYSTÈMES À FLUORESCENCE LINÉAIRE
LINEALE LEUCHTSTOFFRÖHRENSYSTEME
SISTEMI DI FLUORESCENZA LINEARE
SISTEMAS LINEARES DE ILUMINAÇÃO FLUORESCENTE
ЛИНЕЙНЫЕ ЛЮМИНЕСЦЕНТНЫЕ СИСТЕМЫ
LINIOWE SYSTEMY FLUORESCENCYJNE

180-187
SUSPENDED
SUSPENDIDOS
SUSPENSIONS
HÄNGELEUCHTEN
SOSPENSIONI
SUSPENSÕES
ПОДВЕСНЫЕ
ZWIESZANE

188-195
SIGNAL
SEÑALIZACIÓN
SIGNALISATION
SIGNALISIERUNG
SEGNALETICA
SINALIZAÇÃO
МАРКЕРНАЯ ПОДСВЕТКА
SYGNALIZACJA

196-209
WALL FIXTURES
APLIQUES
APPLIQUES
WANDLEUCHTEN
APPLIQUE
APLIQUES
НАСТЕННЫЕ
KINKIETY

210-223
LED STRIPS
TIRAS LED
BANDEAUX À LED
LED-BÄNDER
STRISCE LED
FITAS LED
СВЕТОДИОДНЫЕ ЛЕНТЫ
PASKI LED

224-491

DECORATIVE by LA CREU

226-271
FAMILIES
FAMILIAS
FAMILLES
FAMILIEN
FAMIGLIE
FAMÍLIAS
СЕРИИ
RODZINY

272-341
DRESS UP

342-393
WALL & CEILING
PAREDES Y TECHOS
MUR ET PLAFOND
WAND UND DECKE
PARETE E SOFFITTO
PAREDE E TECTO
НАСТЕННЫЕ И ПОТОЛОЧНЫЕ
KINKIETY I SUFITOWE

394-409
DESK & FLOOR
SOBREMESAS Y PIES
BUREAU ET SOL
TISCH UND STEH
SCRIVANIA E PAVIMENTO
ESCRITÓRIOS E CHÃO
НАСТОЛЬНЫЕ ЛАМПЫ И ТОРШЕРЫ
BIURKOWE I STOJĄCE

410-445
BATH
BAÑO
SALLE DE BAINS
BAD
BAGNO
CASA DE BANHO
ДЛЯ ВАННЫХ КОМНАТ
ŁAZIENKOWE

446-491
CEILING FANS
VENTILADORES
VENTILATEURS DE PLAFOND
DECKENVENTILATOREN
VENTILATORI DA SOFFITTO
VENTILADORES DE TECTO
ВЕНТИЛЯТОРЫ
WENTYLATORY SUFITOWE

492-807

OUTDOOR

494-523
WALL WASHERS & SPOTLIGHTS
BAÑADORES DE PARED Y PROYECTORES
LÈCHE-MURS ET PROJECTEURS ET SPOTS
WALL WASHER UND STRAHLER
WALL WASHERS E PROIETTORI
WALL WASHERS E PROJECTORES
СВЕТОВАЯ ЗАЛИВКА СТЕН И ПРОЖЕКТОРЫ
REFLEKTORY OPRAWY TYPU WALL WASHERS

524-593
WALL FIXTURES
APLIQUES
APPLIQUES
WANDLEUCHTEN
APPLIQUE
APLIQUES
НАСТЕННЫЕ
KINKIETY

594-613
CEILING
TECHO
PLAFONNIERS
DECKENLEUCHTEN
PLAFONIERE
ТЕСТО
ПОТОЛОЧНЫЕ
SUFITOWE

614-655
RECESSED
EMPOTRADOS
ENCASTRÉS
EINBAULEUCHTEN
INCASSI
ENCASTRÁVEIS
ВСТРАИВАЕМЫЕ
WPUSZCZANE

656-661
SUBMERSIBLE
SUMERGIBLES
SUBMERSIBLES
VERSENKBARE LEUCHTEN
LUCI SOMMERGIBILI
SUBMERSÍVEIS
ПОГРУЖАЕМЫЕ В ВОДУ
ZANURZALNE

662-673
CHILL-OUT
CHILLOUT
CHILLOUT
CHILLOUT-BELEUCHTUNG
CHILLOUT
CHILLOUT
ДЛЯ ЗОНЫ ОТДЫХА CHILLOUT

674-683
LANTERNS
SOBREMUROS
BORNES
SOCKELLEUCHTEN
LANTERNE DA GIARDINO
SOBREMUROS
ПАРКОВЫЕ СТОЛБЫ
LATARNIE

684-719
BOLLARDS
BALIZAS
BALISES
POLLERLEUCHTEN
FARI
PIMENTEIROS
НАЗЕМНЫЕ СТОЛБЫ
SŁUPKI

720-729
STREET LIGHTS
FAROLAS
RÉVERBÈRES
MASTLEUCHTEN
LAMPIONI
POSTES DE ILUMINAÇÃO
ФОНАРИ
LAMPY ULICZNE

730-807
URBAN LIGHTING
ILUMINACIÓN URBANA
ÉCLAIRAGE URBAIN
STRASSENLEUCHTEN
ILLUMINAZIONE URBANA
ILUMINAÇÃO PÚBLICA
ГОРОДСКОЕ ОСВЕЩЕНИЕ
OŚWIETLENIE MIEJSKIE

808-849

EMOTIONAL

838-839
DOTS
PUNTOS
POINTS LUMINEUX
PUNKTE
PUNTI
PONTOS
ТОЧКИ
PUNKTY

840-841
FLEXIBLE CURTAINS
CORTINAS FLEXIBLES
RIDEAUX FLEXIBLES
FLEXIBLE VORHÄNGE
TENDE FLESSIBILI
CORTINAS FLEXÍVEIS
ГИБКИЕ ЗАНАВЕСЫ
ELASTYCZNE ZASŁONY

842
OUTDOOR DISPLAY
PANTALLA EXTERIOR
ÉCRAN D'EXTÉRIEUR
AUSSEN DISPLAY
SCHERMO ESTERNO
ECRÃ EXTERIOR
ЭКРАНЫ ДЛЯ УЛИЧНОГО ПРИМЕНЕНИЯ
EKRAN ZEWNETRZNY

843
OUTDOOR TUBES
TUBOS EXTERIOR
TUBES D'EXTÉRIEUR
AUSSEN RÖHREN
TUBI ESTERNI
TUBOS DE EXTERIOR
СВЕТОДИОДНЫЕ ТРУБКИ ДЛЯ УЛИЧНОГО ПРИМЕНЕНИЯ
TUBY ZEWNĘTRZNE

844-845
INDOOR DISPLAY
PANTALLA INTERIOR
ÉCRAN D'INTÉRIEUR
INNEN DISPLAY
SCHERMO INTERNO
ECRÃ DE INTERIOR
ЭКРАНЫ ДЛЯ ИНТЕРЬЕРА ПОМЕЩЕНИЙ
EKRAN WEWNĘTRZNY

846-847
LED FLOOR
SUELO LED
SOL LED
LED BODENEINBAU
PAVIMENTO LED
LED DE CHÃO
СВЕТОДИОДНЫЙ ПОЛ
PODŁOGA LED

850-881

850-859
LAMPS
LÁMPARAS | LAMPES | LEUCHTMITTEL | LAMPADINE | LÂMPADAS | ЛАМПЫ | ZARÓWKI

860-881
ELECTRICAL UNITS / ACCESSORIES
UNIDADES ELÉCTRICAS / ACCESORIOS | PLATINES ÉLECTRIQUES / ACCESOIRES | NETZTEILE / ZUBEHÖRE | UNITÁ ELETTRICHE / ACCESSORI
UNIDADES ELÉTRICAS / ACESSÓRIOS | ЭЛЕКТРООБОРУДОВАНИЕ / АКСЕССУАРЫ | CZĘŚCI ELEKTRYCZNE / AKCESORIA

TECHNICAL

PROYECTORES Y CARRILES | SPOTLIGHTS AND TRACKS | PROJECTEURS ET RAILS | STRAHLER UND SCHIENEN | PROIETTORI E BINARI | PROJETORES E CALHAS | ПРОЖЕКТОРЫ И ШИНОПРОВОДЫ | PROJEKTORY I SZYNY



BOND TUBE **48**



BOND **54**


VIAX **60**


VIAX S **64**


VIAX E **65**



ACTION **66**



KEY **72**


MACH1 **74**



CARRILES **76**

DOWNLIGHTS | DOWNLIGHTS | DOWNLIGHTS | DOWNLIGHTS | DOWNLIGHTS | DOWNLIGHTS | ПОТОЛОЧНЫЕ | OPRAWY TYPU DOWNLIGHT



GES **82**


VISION **86**


DOME **88**


MINI EVOLUTION **90**


MINI **92**


PAT **94**


TOP **96**



PLAY **100**


TRIMIUM MINI **102**


EIS **104**


SPLIT **105**


FÓRMULA **105**


ZOE **105**


TRIMIUM S100 **106**


TRIMIUM S130 **107**


CAMALEON **108**



DELTA COB **110**


DELTA 3 **114**


DELTA 6 **114**


DELTA 9 **115**



CARDEX C **116**

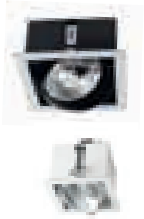

CARDEX E **119**



MULTIDIR EVO L **120**



MULTIDIR EVO S **120**



MULTIDIR **128**





BACO **132**



EXIT **136**



ROUND FIT **140**



EQUAL SPOT **142**



EQUAL S **144, 146**



EQUAL L **145, 147**



ROL **148**



ECO **152**



ECOLED **153**



DOWN **154**



VOL **155**



FIT **157**



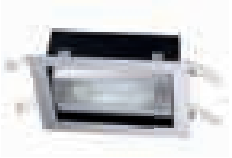
ECOFIT **159**



FRAME **160**

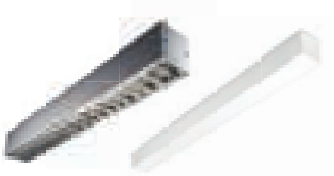


MINI FRAME **162**

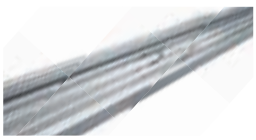


VITRO **166**

SISTEMAS DE FLUORESCENCIA LINEAL | FLUORESCENT LINEAL LIGHTING SYSTEMS | SYSTÈMES À FLUORESCENCE LINÉAIRE | LINEALE LEUCHTSTOFFRÖHRENSYSTEME | SISTEMI DI FLUORESCENZA LINEARE | SISTEMAS LINEARES DE ILUMINAÇÃO FLUORESCENTE | ЛИНЕЙНЫЕ ЛЮМИНЕСЦЕНТНЫЕ СИСТЕМЫ | LINIOWE SYSTEMY FLUORESCENCYJNE



INFINITE **174**



INFINITE C **171**

TECHNICAL

SUSPENDIDOS | SUSPENDED | SUSPENSIONS | HÄNGELEUCHTEN | SOSPENSIONI | SUSPENSÕES | ПОДВЕСНЫЕ | ZWIESZANE



BOND TUBE **48**



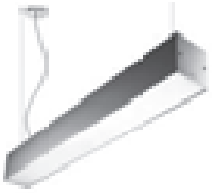
BACO **132**



EXIT **136**



FIT/ ECOFIT **157**



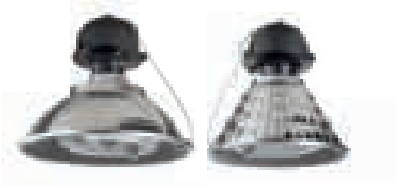
INFINITE **171**



MULTIDIR **182**



LEO **184**



BAY LIGHT **186**

SEÑALIZACIÓN | SIGNAL | SIGNALISATION | SIGNALISIERUNG | SEGNALETICA | SINALIZAÇÃO | МАРКЕРНАЯ ПОДСВЕТКА | SYGNALIZACJA



OXY **190**



LEO **192**



LEO **194**



LEO **194**

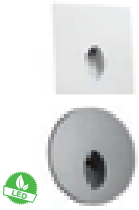


DOT **195**



BIT **195**

APLIQUES | WALL FIXTURES | APPLIQUES | WANDLEUCHTEN | APPLIQUE | APLIQUES | НАСТЕННЫЕ | KINKIETY



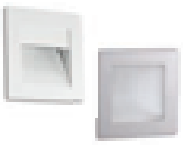
STEP **200**



DISK **198**



SECRET **202**



SIGN **204**



WALL **206**



PIR **208**

TIRAS LED | LED STRIPS | BANDEAUX À LED | LED-BÄNDER | STRISCE LED | FITAS LED | СВЕТОДИОДНЫЕ ЛЕНТЫ | PASKI LED



ION **212**



ZENIT **213**



SIGMA **214**



RAND HIGH POWER **215**



RAND IP **216**



ON **217**



ON ECO **218**



ON HIGH POWER **219**



ON IP ECO **220**



FACADE **221**



LINEAL **223**

DECORATIVE

COLGANTES | PENDANTS | SUSPENSIONS | PENDELLEUCHTEN | PENDENTI | PENDENTS |
ПОДВЕСНЫЕ СВЕТИЛЬНИКИ | LAMPY WISZĄCE



CURL **226, 227**



ROAD **228, 229**



SVEN **230, 231**



BELL **232, 233**



ROCKET **234, 235**



PIPE **236** | BLIND **237** | DROP **238** | NIMES **239**



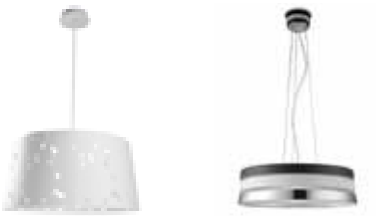
BUCKET **240, 241**



NEO **242, 243**



VINTAGE **244 - 247**

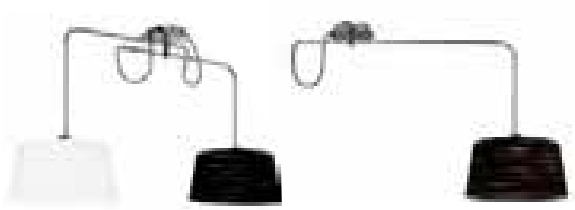


TRAMA **250**

CUMBIA **254**



MECANO **255**



MAGMA **256, 257**



VIRGINIA **260**



UP & DOWN **263**



FLORENCIA **264**



SAN FRANCISCO **265**



PROVENZA **266**



ALSACIA **267**



XENIA **271**



SPICA **334**





SPICA **336 - 338**

PLAFONES | CEILING FIXTURES | PLAFONIERS | DECKENLEUCHTEN | PLAFONIERE | PLAFONES |
ПОТОЛОЧНЫЕ СВЕТИЛЬНИКИ | PLAFONIERY



PIPE **236**



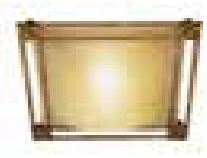
TRAMA **251**



FLORENCIA **264**



ALSACIA **268**



VERONESE **270**



SATURN **356 - 357**



SUNNY **374**



WOOD **380, 381**



TOLEDO **382, 383**





PRISMA **384, 385**



RAS **386 - 387**



ALPEN **388, 389**



CLIP **390**



ROUND **391**



AUDREY **392**



OSLO **393**



FLOW **430, 431**



DEC **432**



PARMA **433**



BOB **434, 435**

DECORATIVE

APLIQUES | WALL FIXTURES | APPLIQUES | WANDLEUCHTEN | LAMPADE DA PARETE | APLIQUES | НАСТЕННЫЕ СВЕТИЛЬНИКИ | LAMPY ŚCIENNE



CURL **226**



ROAD **228, 229**



PIPE **236**



VINTAGE **247**



TRAMA **252, 253**



CUMBIA **254**



ALSACIA **268, 269**



VERONESE **270**



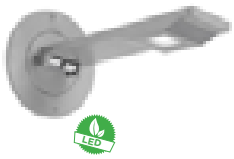
XENIA **271**



DIDO **342**



ESTAK **343**



ON-OFF **344**



IVY **345**



DRACO **346**



BED **347**



BOOK **348**



WALL **348**



LLIT **349**



ROOMIE **350, 351**



SIENA LED **352**



SIENA **353**



LIA LED **354, 355**



SATURN **356, 357**



KUB **358**



JET **359**



BRICK **359**



OVAL **360, 361**



SPOT **362**



GES **363**



GES **364, 365**



LIA **366**



NEMESIS **367**



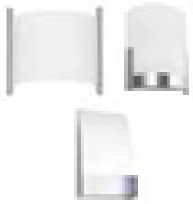
BREMEN **368**



HALF **369**



PRACTIC **370**



NIZA **371**



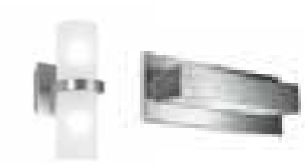
LUGO **372**



GLASS **373**



SUNNY **374**



ALU **375**



MAKE UP **414**



VESPA **376**



NOK **377**

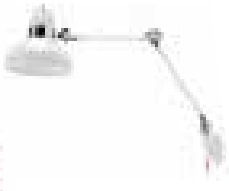


TRINITY **378, 379**



WOOD **380, 381**





FLEX **394, 395**



WAVE **397**

PANTALLAS | SHADES | ABAT-JOUR | STOFFSCHIRME | PARALUME | ABAJUR | АБАЖУРА | ABAŻURY



VIRGINIA **261**



TWIST **262**



BALI **274 - 276**



GLOSS **277 - 279**



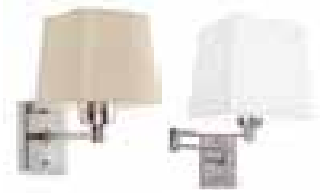
BRISTOL **280 - 282**



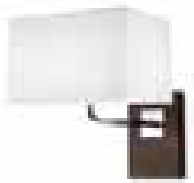
TORINO **283-287**



OXFORD **296**



DOVER **297 - 301**



DEVON **305**



MICHIGAN **308, 309**



LYON **314, 315**



FEI **320, 321**



DENVER **328**



SPICA **332**



BALMORAL **340**



TYRA **341**



BROOKLYN **341**

DECORATIVE

BAÑO | BATH | SALLE DE BAINS | BAD | BAGNO | CASA DE BANHO | ДЛЯ ВАННЫХ КОМНАТ | ŁAZIENKOWE

IP



CONCEPT **412**



BELYSA **413**



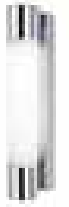
SKARA **415**



TOILET **416, 417**



TOILET Q **418, 419**



DRESDE **420, 421**



DRESDE EVO **422, 423**



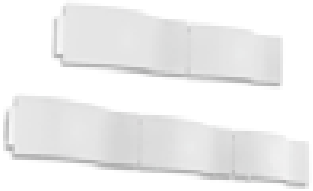
DRESDE ON **424**



BATH **424**



ORION **425**



ONDA **426, 427**



LORIENT **428, 429**



FLOW **430, 431**



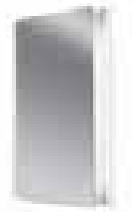
DEC **432**



PARMA **433**



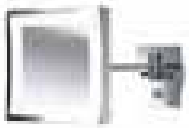
BOB **434, 435**



GLANZ **442, 443**

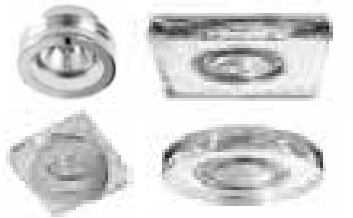


REFLEX **444**



VANITY **445**

EMPOTRABLES | DOWNLIGHTS | ENCASTRÉS | EINBAULEUCHTEN | ILLUMINAZIONE DA INCASSO | ENCASTRÁVEIS | ВСТРОЕННЫЕ ПОТОЛОЧНЫЕ | DOWNLIGHTY



EIS **436, 437**



FÓRMULA **438, 439**



SPLIT **440, 441**

SOBREMESAS | TABLE LAMPS | LAMPES DE TABLE | TISCHLEUCHTEN | DA TAVOLO | CANDEEIROS DE MESA |
НАСТОЛЬНЫЕ СВЕТИЛЬНИКИ | LAMPY STOŁOWE


TRAMA **251**

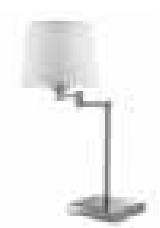

VIRGINIA **250**


TWIST **262**


ALSACIA **268**



TORINO **288 - 291**


DOVER **302, 303**


DEVON **306**



MICHIGAN **310, 311**


LYON **316, 317**


FEI **322 - 324**


MILAN **326**


DENVER **330, 331**


SPICA **333**



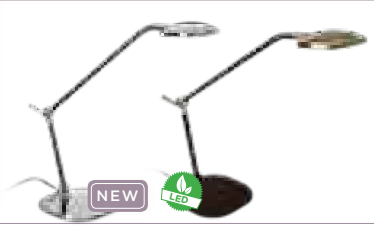
LLIT **349**


FLEX **394, 395**


WAVE **396**



HOLMES **397**



QUEEN **398, 399**



ELVA **400, 401**

DECORATIVE

PIES DE SALÓN | FLOOR LAMPS | LAMPADAIRES | STEHLEUCHTEN | PIEDISTALLO DA SALONE | CANDEEIROS DE SALA | ТОРШЕРЫ | LAMPY PODŁOGOWE


VINTAGE **248, 249**


TRAMA **251**



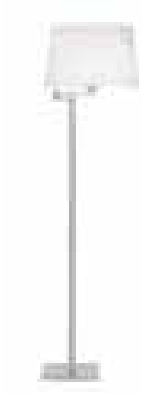
MAGMA **258, 259**


VIRGINIA **260**


TWIST **262**


ALSACIA **268, 269**


TORINO **292 - 295**


DOVER **304, 305**


DEVON **307**



MICHIGAN **312, 313**


LYON **318, 319**

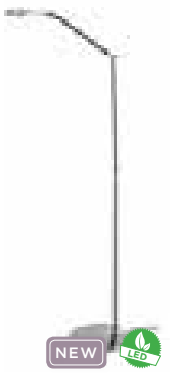

FEI **325**


MILAN **327**


DENVER **329**


SPICA **339**


VINTAGE **396**



QUEEN **398, 399**



ELVA **398, 399**



JAZZ **402, 403**


ABERDEEN **404**


EXTEND **405**



PING **406**

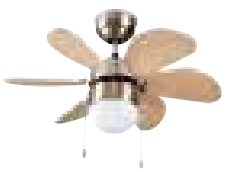

CRETA **406**


MEMPHIS **408, 409**

CEILING FANS

VENTILADORES | VENTILATEURS | DE PLAFOND | DECKENVENTILATOREN | VENTILATORI DA SOFFITTO | VENTILADORES DE TECTO | ВЕНТИЛЯТОРЫ | WENTYLATORY SUFITOWE

S PEQUEÑO | SMALL | PETITE | KLEIN | PICCOLA | PEQUENO | МАЛЕНЬКАЯ | MAŁY


BORACAY **491** | BOUVET **486, 487**

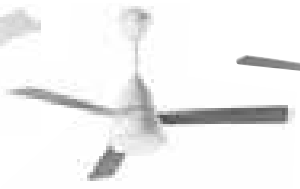
M MEDIANA | MEDIUM | MOYENNE | MITTEL | MEDIA | MÉDIO | СРЕДНЯЯ | ŚREDNI





BORNEO **482, 483** | CORON **490** | DOMINICA **484, 485**

L GRANDE | LARGE | GRANDE | GROSS | GRANDE | GRANDE | БОЛЬШОЙ | DUŻY




AUKENA **458, 459** | BAGUR **470, 471** | BAHIA **466, 467** | BANUS **472, 473** | BELMONT **476, 477**






NEW LED

CEOS **452, 453** | FORMENTERA **460, 461** | HAWAI **462, 463** | JUNCAL **488**







MAURITIUS **489** | MOGAN **480, 481** | PHUKET **478, 479** | RODAS **456, 457** | SAMAL **464, 465**







NEW LED NEW

TIGA **448, 449** | TORONTO **474, 475** | TUPAI **454, 455** | TWENTY **468, 469** | VINTAGE **450, 451**

OUTDOOR

APLIQUES | WALL FIXTURES | APPLIQUES | WANDLEUCHTEN | APPLIQUE | APLIQUES | НАСТЕННЫЕ | KINKIETY


CURIE **525**


ACCESS **527**


PIRAMID **527**


AFRODITA **529,533-535,541,549**


FENIX **529**


WILSON **531**


POKER **531**


NEMESIS **537,539,547,551**


TINA **541**


DELFOS **543**


NEO **545**


GALILEI **547**

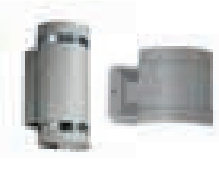

ATENA **547**

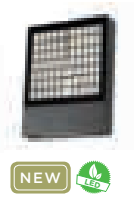

NAPOLI **547**


TERRY **549**


TEMIS **549**


MERTON **551**


SELENE **551**


LOTTERY **553**


LUA **553**


PILE **553**


PASTEUR **553**


TAYLOR **555, 557**


ALVIN **555**


ANGLE **555**


CLOUS **557**


KARMAN **557**


CUBUS **559**


VELTMAN **559**


ICARO **559**


SURF **561**


ALFA **561**


MICENAS **563**


KÖSSEL **563**


GAP **563**


CORNER **565**


SHARPE **565**


WALKER **565**


DARWIN **567**


WINDOWS **567**



ECLIPSE **567**



OPAL **569**



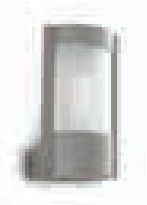
BASIC **569**



ECLIPSE **569**



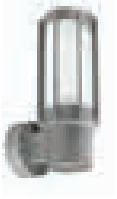
MANDELA **571**



HEBE **571**



SUZUKI **571**



SIMS **571**



PRIAP **573**



ELECTRA **573**



EDWARDS **575**



MONACO **575**



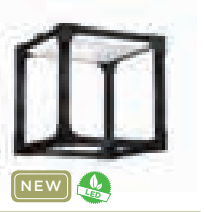
NEREO **575**



AJAX **577**



TREBBIN **577**



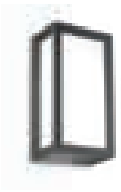
VINTAGE **579**



SOPHIE **579**



MARK **581**



THOMAS **581**



ALBA **583, 589**



AJAX **583**



OCEANO **583**



PERSEO **583**



CIRI **585**



REED **585**



JANNA **587**



ODISEO **587**



EDIPO **587**



PERSEFONE **589**



OCEANO **589**



CROSS **591**



ITACA **591**



TRITON **591**



SIRENA **591**



ANDREA **593**



GALATEA **593**



MORFEO **593**

OUTDOOR

BAÑADORES DE PARED | WALL WASHERS | LÈCHE-MURS | WANDBELEUCHTUNG | WALL WASHERS | PROJETORES WALL WASHER | НАСТЕННЫЕ КОСТЮМЫ | OPRAWY TYPU WALL WASHERS


NEW

CONVERT **495**


NEW

TRON **497**



HECATE **499**


NEW

POMPEYA **501**


NEW

RAY **503**

PROYECTORES | SPOTLIGHTS | PROJECTEURS ET SPOTS | STRAHLER | RIFLETTORI | PROJECTORES | ПРОЖЕКТОРЫ | SPOTLIGHTY



HUBBLE **505-509**


NEW

INDUCTION **511**



MIDI **513**


NEW

PROY **513**


NEW

POWELL **515**



SKADE **515,517**



SHULL **515**



ALIEN **517**



EOLO **517**



HELIO **519**



ESPARTA **521**



ICARO **521**


NEW

SOLAR **523**



SHAPLEY **523**

PLAFONES | CEILING FIXTURES | PLAFONNIERS | DECKENLEUCHTEN | PLAFONIERE | TECTOS | ПОТОЛОЧНЫЕ СВЕТИЛЬНИКИ | OPRAWY SUFITOWE



AFRODITA **595, 599**



JEP **597**



LEGGETT **597**



KÖSSEL **597**



COSMOS **601**



SELENE **601**



OPAL **603**



BASIC **605**



MARK **607**



ALBA **607**



SIMS **607**



ECLIPSE **607**

COLGANTES | PENDANTS | SUSPENSIONS | HÄNGELEUCHTEN | LAMPADE A SOSPENSIONE | PENDENTES | ПОДВЕСНЫЕ СВЕТИЛЬНИКИ | OPRAWY WISZĄCE



KAP **609**



JAMBO **609**



MARK **609**



JANNA **611**



ALBA **611**



CROSS **611**



ANDREA **613**



GALATEA **613**

OUTDOOR

SOBREMUROS | LANTERNS | BORNES | MAUERLEUCHTEN | LANTERNE DA GIARDINO | SOBREMUROS | ПАРКОВЫЕ СТОЛБЫ | LATARNIE


ODIN **675**


MARINER **675**


BALIZAS **675**


NEW
VINTAGE **677**


CUBIK **677**


NEW
MARK **679**


JANNA **681**


CROSS **681**

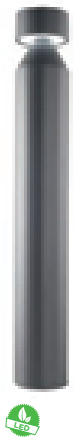

ALBA **681**


NEW
ANDREA **683**


GALATEA **683**

BALIZAS | BOLLARDS | BALISES | POLLER | FARI | PIMENTEIROS | НАЗЕМНЫЕ СТОЛБЫ | SŁUPKI

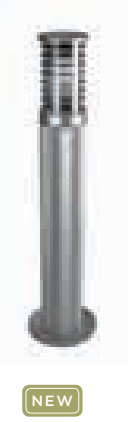

NEWTON **685-687**


CILIN **689**


NEW
TWO-LIGHT **689**

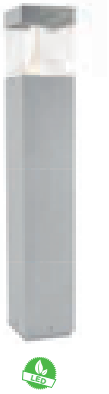

QUADRA **689**


TORCH **691**


NEW
TEMIS **691**

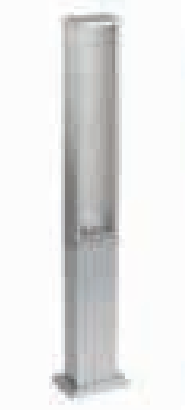

NOTT **693-695**


BALIZAS **695-697, 709**

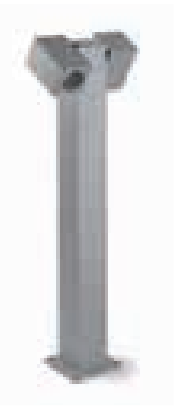

CUBASE **699**


CUBIK **699**


HEBE **699**


TINA **701**


NEW
WAY **701**


ICARO **701**



MÜLLER **703** | PILE **705** | SHARPE **705** | WALKER **705** | TAUBE **707** | BEUTLER **707** | HELION **707**



MARK **709** | SIMS **709** | MANDELA **711** | SUZUKI **711** | PRIAP **713** | EDWARDS **715**



ALEXANDRIA **715** | ELECTRA **717** | EVANS **719** | ALBA **719** | MIDAS **719** | CROSS **719**

OUTDOOR

EMPOTRADOS | RECESSED | ENCASTRÉS | EINBAULEUCHTEN | INCASSI | ENCASTRÁVEIS | ВСТРАИВАЕМЫЕ | WPUSZCZANE



GEA **615-617**



MICENAS **619, 621, 625, 627** | HERCULES **619, 621** | BASIC **619, 623** | GEA **621** | DALTON **627**

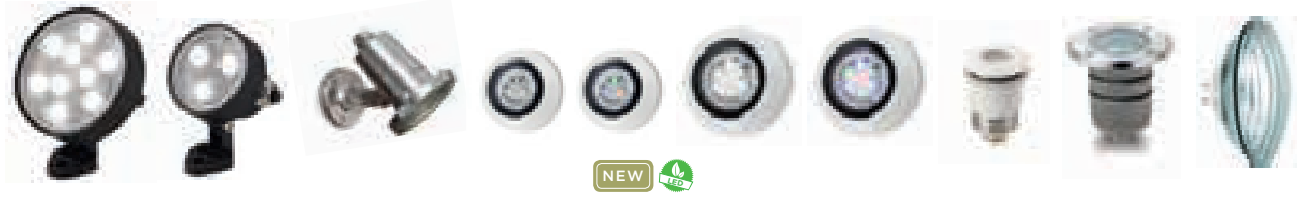


GEA **629-649**



XENA **651-655** | REXEL **655**

SUMERGIBLES | SUBMERSIBLE | SUBMERSIBLES | VERSENKBARE LEUCHTEN | LUCI SOMMERGIBILI | SUBMERSÍVEIS | ПОГРУЖАЕМЫЕ В ВОДУ | ZANURZALNE



AQUA **657-661**

CHILLOUT | CHILL-OUT | CHILLOUT | CHILLOUT-BELEUCHTUNG | CHILLOUT | CHILLOUT | ДЛЯ ЗОНЫ ОТДЫХА | CHILLOUT



NEW

ARI **663**



NEW

CISNE **663**



NEW

ROCK **665**

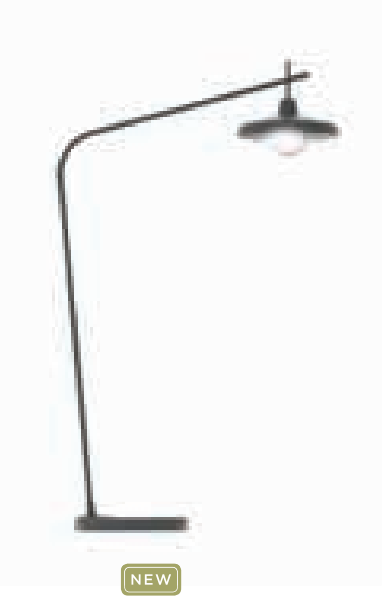


KAP **667**



NEW

INVISIBLE **669**



NEW

JAMBO **669**



NEW

MOONLIGHT **671**



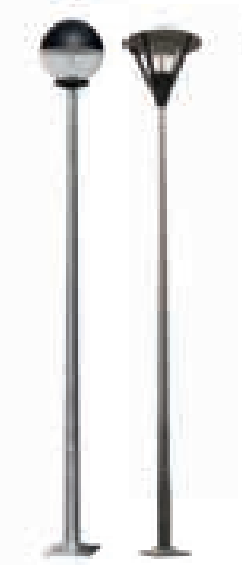
SMOOTH **673**

FAROLAS | STREET LIGHTS | RÉVERBÈRES | MASTLEUCHTEN | LAMPIONI | POSTES DE ILUMINAÇÃO | ФОНАРИ | LAMPY ULICZNE



LYON **721**

TEMIS **721-723**



HEADS **725, 727**



POMPEYA **725**



GALATEA **728**



NEW

ANDREA **729**

OUTDOOR

URBAN LIGHTING

ILUMINACIÓN URBANA | ÉCLAIRAGE URBAIN | URBANE BELEUCHTUNG | ILLUMINAZIONE URBANA | ILUMINAÇÃO PÚBLICA | ГОРОДСКОЕ ОСВЕЩЕНИЕ | OŚWIETLENIE MIEJSKIE



ESENCIAL
LED **731**
SOLAR **731**



ESENCIAL HP
LED **733**



GAVINA
LED **737**
HID **739**



ELIPSE
LED **743**
SOLAR **743**
HID **745**



MINI ROADWAY
HID **749**



ROADWAY
HID **751**



ECOVIAL
HID **755**



PROMENADE
LED **759**
FLUO **759**
HID **760**



PiILED
LED **763**



CITIZEN
LED **767**
HID **769-771**



MERIDIAN
LED **773**
SOLAR **777**
HID **775-776**



BOHEMIA
LED **779**
SOLAR **783**
HID **781-782**



ANDALUCÍA
LED **785**
SOLAR **789**
HID **787-788**



NEOBOLA
LED **791**
SOLAR **795**
HID **793-794**



LED KIT **797**



SOLAR-ECO KIT **798**



SOLAR-TECH KIT **799**



COLUMNS **800-806**



ARMS&BRACKETS **807**

EMOTIONAL



DOTS **838**



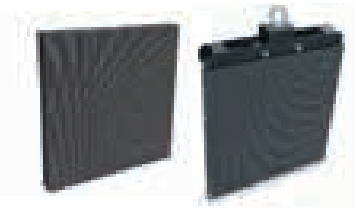
FLEXIBLE CURTAINS **840**



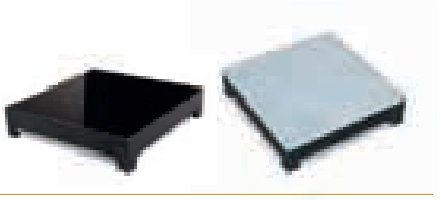
OUTDOOR DISPLAY **842**



OUTDOOR TUBES **843**



INDOOR DISPLAY **844**



LED FLOOR **846**

P 850-859

LAMPS

LÁMPARAS | LAMPES | LEUCHTMITTEL | LAMPADINE | LÂMPADAS | ЛАМПЫ | ŻARÓWKI

P 860-889

ELECTRICAL UNITS ACCESSORIES

UNIDADES ELÉCTRICAS / ACCESORIOS | PLATINES ÉLECTRIQUES / ACCESOIRES | NETZTEILE / ZUBEHÖRE | UNITÁ ELETTRICHE / ACCESSORI | UNIDADES ELÉTRICAS / ACESSÓRIOS | ЭЛЕКТРООБОРУДОВАНИЕ / АКСЕССУАРЫ | CZĘŚCI ELEKTRYCZNE / AKCESORIA









TECHNICAL
44-223

DECORATIVE
224-491

446-491
CEILING FANS

OUTDOOR
492-807

730-807
URBAN

EMOTIONAL
808-849



TECHNICAL

46-77
SPOTLIGHTS AND TRACKS
PROYECTORES Y CARRILES
PROJECTEURS ET RAILS
STRAHLER UND SCHIENEN
PROIETTORI E BINARI
PROJETORES E CALHAS
ПРОЖЕКТОРЫ И ШИНОПРОВОДЫ
PROJEKTORY I SZYNY

78-167
DOWNLIGHTS
DOWNLIGHTS
DOWNLIGHTS
DOWNLIGHTS
DOWNLIGHTS
DOWNLIGHTS
ПОТОЛОЧНЫЕ
OPRAWY TYPU DOWNLIGHT

168-179
FLUORESCENT LINEAL LIGHTING SYSTEMS
SISTEMAS DE FLUORESCENCIA LINEAL
SYSTÈMES À FLUORESCENCE LINÉAIRE
LINEALE LEUCHTSTOFFRÖHRENSYSTEME
SISTEMI DI FLUORESCENZA LINEARE
SISTEMAS LINEARES DE ILUMINAÇÃO FLUORESCENTE
ЛИНЕЙНЫЕ ЛЮМИНЕСЦЕНТНЫЕ СИСТЕМЫ
LINIOWE SYSTEMY FLUORESCENCYJNE

180-187
SUSPENDED
SUSPENDIDOS
SUSPENSIONS
HÄNGELEUCHTEN
SOSPENSIONI
SUSPENSÕES
ПОДВЕСНЫЕ
ZWIESZANE

188-195
SIGNAL
SEÑALIZACIÓN
SIGNALISATION
SIGNALISIERUNG
SEGNALETICA
SINALIZAÇÃO
МАРКЕРНАЯ ПОДСВЕТКА
SYGNALIZACJA

196-209
WALL FIXTURES
APLIQUES
APPLIQUES
WANDLEUCHTEN
APPLIQUE
APLIQUES
НАСТЕННЫЕ
KINKIETY

210-223
LED STRIPS
TIRAS LED
BANDEAUX À LED
LED-BÄNDER
STRISCE LED
FITAS LED
СВЕТОДИОДНЫЕ ЛЕНТЫ
PASKI LED

TECHNICAL







			BOND TUBE	BOND	VIAX
			P. 48	P. 54	P. 60
			■		■
			■		■
			■	■	■
	14		■	■	■
	N3				■
	60				■
	QR-111/G53		■	■	■
	CDM-R111/GX8.5	35W	■	■	■
	CDM-R111/GX8.5	70W	■	■	■
	HIT-T/G12	35W	■	■	■
	HIT-T/G12	70W	■	■	■
	HIT-T/G12	100W			■
	HIT-T/G12	150W			
	HCI-TF/GU6.5	35W		■	
	CDM-TM/PGJ5	20W			
	CDM-TM/PGJ5	35W			
	AR-111/GU10	-	■	■	■
	QPAR-16/GU10	-			
	LED Zhaga	2000lm	■	■	
	LED Zhaga	3000lm	■	■	
	LED Zhaga 220-240V	2000lm	■	■	
	10°		■	■	■
	12°				
	15°		■	■	
	24°		■	■	■
	36°		■	■	
	38°				
	45°		■	■	■
			■	■(1)	■

SPOTLIGHTS AND TRACKS

PROYECTORES Y CARRILES
PROJECTEURS ET RAILS
STRAHLER UND SCHIENEN
PROIETTORI E BINARI
PROJETORES E CALHAS
ПРОЖЕКТОРЫ И ШИНОПРОВОДЫ
PROJEKTORY I SZYNY

ACTION	KEY	MACH1
		
P. 66	P. 72	P. 74
■	■	■
	■	■
	■	■
■	■	
		■
■	■	
■	■	■
■	■	
■	■	
■		
■		■
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■	■	■
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■		
■		
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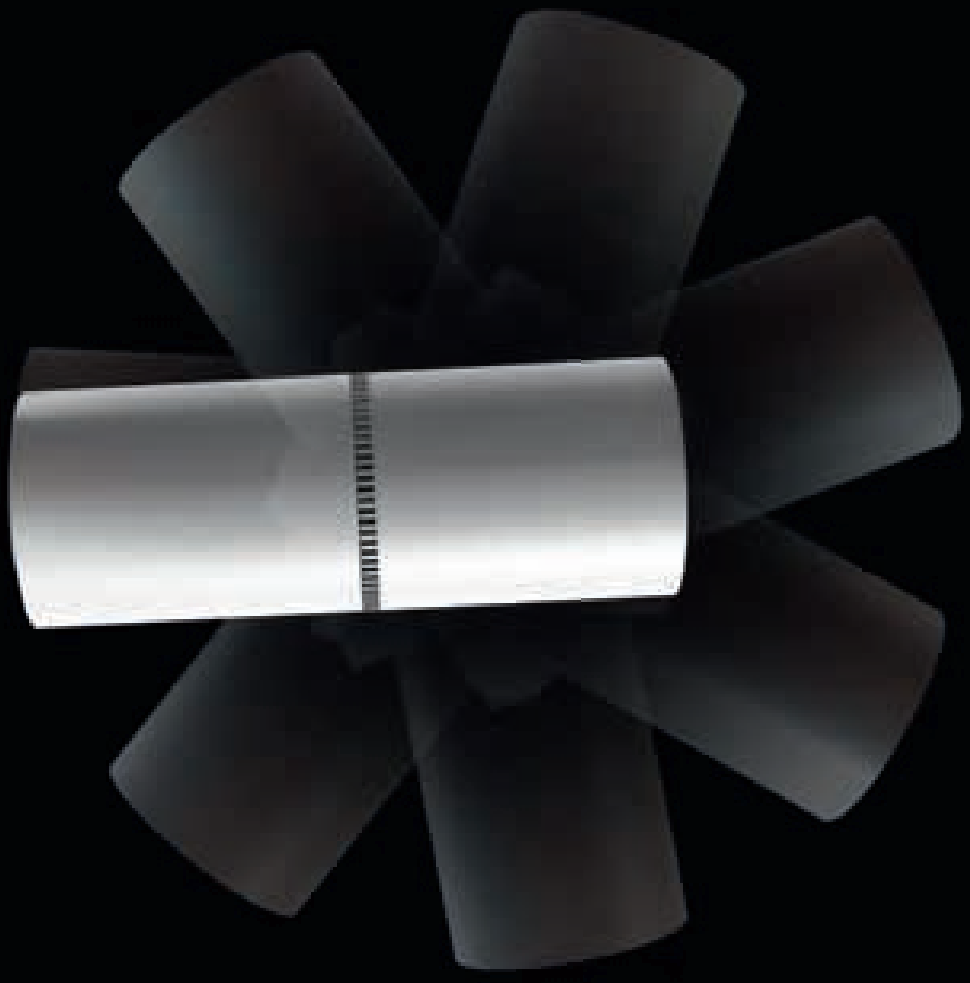
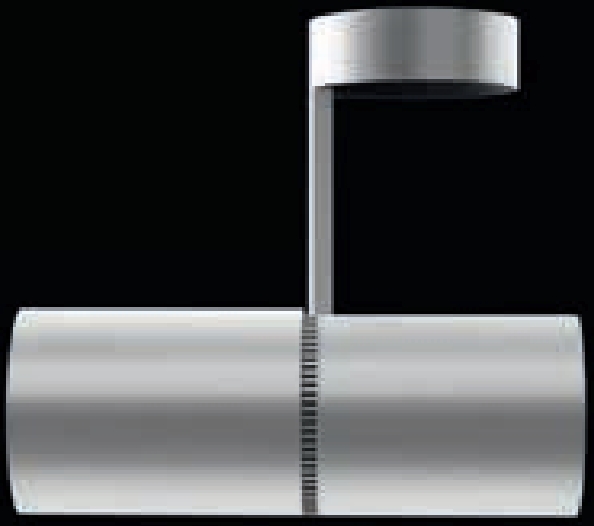
■		
■		■
■		
		■
■	■	■

(1) Sólo en algunas versiones / Only in some versions

BOND TUBE





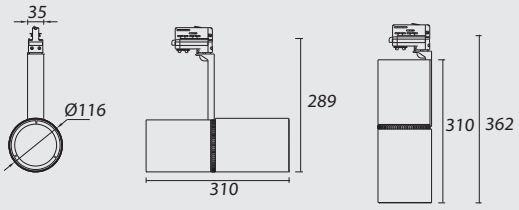




BOND TUBE

NEW





14

AL

GLA

DIF

IP 20

RF 850ºC

0,5m

90º

355º

6

p.858

LED

Estándar
Zhaga /
Zhaga
Standard

35-3561-14-37	2000 lm(N)	3000K	CRI>80	15º	26W	E 220V 240V
35-3562-14-37				24º		
35-3563-14-37				36º		
35-3564-14-37		4000K		15º	24W	
35-3565-14-37				24º		
35-3566-14-37				36º		
35-3567-14-37		3000K	CRI>90	15º	23W	
35-3568-14-37				24º		
35-3569-14-37				36º		
35-3570-14-37	3000 lm(N)	3000K	CRI>80	15º	28W	
35-3571-14-37				24º		
35-3572-14-37				36º		
35-3573-14-37		4000K		15º	26W	
35-3574-14-37				24º		
35-3575-14-37				36º		
35-3576-14-37		3000K	CRI>90	15º	33W	
35-3577-14-37				24º		
35-3578-14-37				36º		

QR-111 / AR-111

G53

(max. H=100 mm)

35-3554-14-00	max.100W	E 220V 240V	09-14

CDM-R111

GX8.5

35-3551-14-00	35W	E 220V 240V	15-20
35-3552-14-00	70W		

HIT-T

G12

35-3555-14-37	35W	E 220V 240V	10°
35-3556-14-37			24°
35-3557-14-37			45°
35-3558-14-37	70W		10°
35-3559-14-37			24°
35-3560-14-37			45°

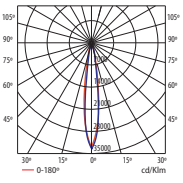
AR-111

GU10

(max. H=100 mm)

35-3553-14-00	–	–	110V 240V	22-25

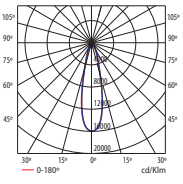
HIT-T G12 70W 10°



D(m)	MedLux	
0.28	19864	1
0.55	4966	2
0.83	2207	3
1.11	1241	4

η=70%

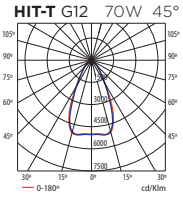
HIT-T G12 70W 24°



D(m)	MedLux	
0.44	10194	1
0.88	2548	2
1.32	1133	3
1.76	637	4

η=64%

HIT-T G12 70W 45°



D(m)	MedLux	
1.04	2978	1
2.08	744	2
3.12	331	3
4.16	186	4

η=65%

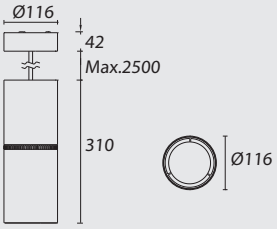
Accesorios / Accessories / Accesoires / Zubehöre / Accessori / Acessórios / Аксессуары / Akcesoria

ACT-9127-11-00	HIT-T	
ACT-9131-11-00	QR-111	
ACT-9127-08-00	HIT-T	
ACT-9131-08-00	QR-111	
ACT-9127-25-00	HIT-T	
ACT-9131-25-00	QR-111	
ACT-9127-24-00	HIT-T	
ACT-9131-24-00	QR-111	
ACT-9135-60-00	HIT-T	

BOND TUBE

NEW





14 | AL | GLA DIF | IP 20 | RF 850ºC | 0,5m | 6 | p.858

LED

Estándar Zhaga / Zhaga Standard

35-3621-14-37	☐	2000 lm(N)	3000K	CRI>80	15º	26W	E 220V 240V
35-3622-14-37	☐				24º		
35-3623-14-37	☐				36º		
35-3624-14-37	☐		4000K		15º	24W	
35-3625-14-37	☐				24º		
35-3626-14-37	☐				36º		
35-3628-14-37	☐		3000K	CRI>90	15º	23W	
35-3629-14-37	☐				24º		
35-3630-14-37	☐				36º		
35-3631-14-37	☐	3000 lm(N)	3000K	CRI>80	15º	28W	
35-3632-14-37	☐				24º		
35-3633-14-37	☐				36º		
35-3634-14-37	☐		4000K		15º	26W	
35-3635-14-37	☐				24º		
35-3636-14-37	☐				36º		
35-3637-14-37	☐		3000K	CRI>90	15º	33W	
35-3638-14-37	☐				24º		
35-3639-14-37	☐				36º		

QR-111 / AR-111

G53

(max. H=100 mm)

35-3612-14-00	☐	max.100W	E 220V 240V	09-14

CDM-R111

GX8.5

35-3607-14-00	☐	35W	E 220V 240V	15-20
35-3608-14-00	☐	70W		

HIT-T

G12

35-3613-14-37	☐	35W	E 220V 240V	10°
35-3614-14-37	☐			24°
35-3616-14-37	☐			45°
35-3617-14-37	☐	70W		10°
35-3618-14-37	☐			24°
35-3619-14-37	☐			45°

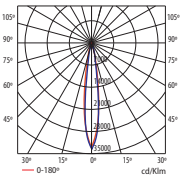
AR-111

GU10

(max. H=100 mm)

35-3611-14-00	☐	–	–	110V 240V	22-25

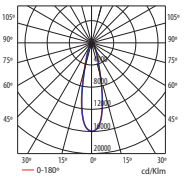
HIT-T G12 70W 10°



D(m)	MedLux	
0.28	19864	1
0.55	4966	2
0.83	2207	3
1.11	1241	4

η=70%

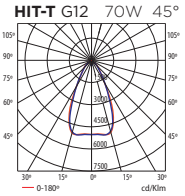
HIT-T G12 70W 24°



D(m)	MedLux	
0.44	10194	1
0.88	2548	2
1.32	1133	3
1.76	637	4

η=64%

HIT-T G12 70W 45°



D(m)	MedLux	
1.04	2978	1
2.08	744	2
3.12	331	3
4.16	186	4

η=65%

Accesorios / Accessories / Accesoires / Zubehöre / Accessori / Acessórios / Аксессуары / Akcesoria

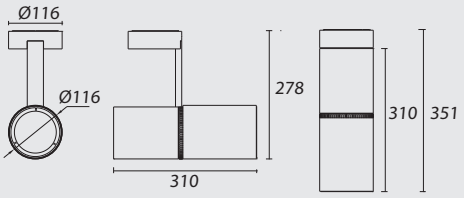
ACT-9127-11-00	HIT-T	**ACT-9127-25-00**	HIT-T	**ACT-9135-60-00**	HIT-T
ACT-9131-11-00	QR-111	**ACT-9131-25-00**	QR-111		
ACT-9127-08-00	HIT-T	**ACT-9127-24-00**	HIT-T		
ACT-9131-08-00	QR-111	**ACT-9131-24-00**	QR-111		



BOND TUBE

NEW





14

AL

GLA

DIF

IP 20

RF 850ºC

0,5m

90º

355º

6

p.858

LED

Estándar
Zhaga / Zhaga
Standard

35-3589-14-37	2000 lm(N)	3000K	CRI>80	15º	26W	
35-3590-14-37				24º		
35-3591-14-37				36º		
35-3592-14-37		4000K		15º	24W	
35-3593-14-37				24º		
35-3594-14-37				36º		
35-3595-14-37		3000K	CRI>90	15º	23W	
35-3596-14-37				24º		
35-3597-14-37				36º		
35-3598-14-37	3000 lm(N)	3000K	CRI>80	15º	28W	
35-3599-14-37				24º		
35-3600-14-37				36º		
35-3601-14-37		4000K		15º	26W	
35-3602-14-37				24º		
35-3603-14-37				36º		
35-3604-14-37		3000K	CRI>90	15º	33W	
35-3605-14-37				24º		
35-3606-14-37				36º		

E 220V 240V

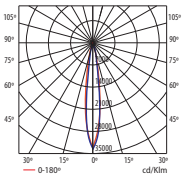
QR-111 / AR-111

G53

(max. H=100 mm)

35-3582-14-00	max.100W	E 220V 240V	09-14	

HIT-T G12 70W 10°



D(m)	MedLux	
0.28	19864	1
0.55	4966	2
0.83	2207	3
1.11	1241	4

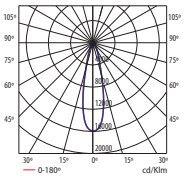
η=70%

CDM-R111

GX8.5

35-3579-14-00	35W	E 220V 240V	15-20	
35-3580-14-00	70W			

HIT-T G12 70W 24°



D(m)	MedLux	
0.44	10194	1
0.88	2548	2
1.32	1133	3
1.76	637	4

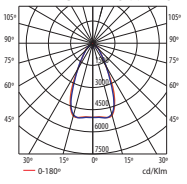
η=64%

HIT-T

G12

35-3583-14-37	35W	E 220V 240V	10°	
35-3584-14-37			24°	
35-3585-14-37			45°	
35-3586-14-37	70W		10°	
35-3587-14-37			24°	
35-3588-14-37			45°	

HIT-T G12 70W 45°



D(m)	MedLux	
1.04	2978	1
2.08	744	2
3.12	331	3
4.16	186	4

η=65%

AR-111

GU10

(max. H=100 mm)

35-3581-14-00	–	–	110V 240V	22-25	

Accesorios / Accessories / Accesoires / Zubehöre / Accessori / Acessórios / Аксессуары / Akcesoria

ACT-9127-11-00	HIT-T	
ACT-9131-11-00	QR-111	
ACT-9127-25-00	HIT-T	
ACT-9131-25-00	QR-111	
ACT-9135-60-00	HIT-T	
ACT-9127-08-00	HIT-T	
ACT-9131-08-00	QR-111	
ACT-9127-24-00	HIT-T	
ACT-9131-24-00	QR-111	

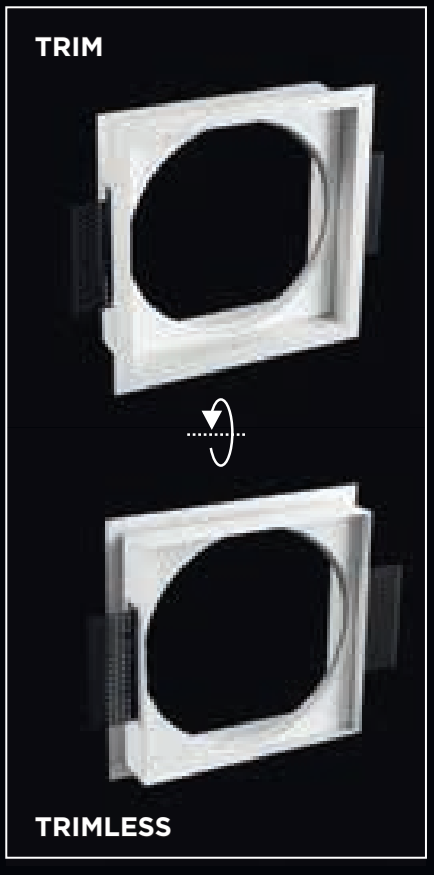
BOND










TRIM
TRIMLESS

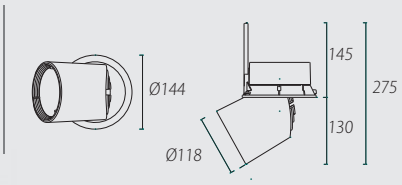

TRIM
TRIMLESS



BOND

NEW



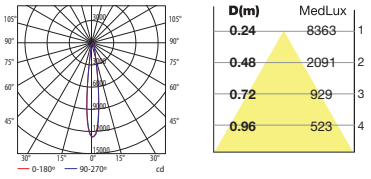


LED

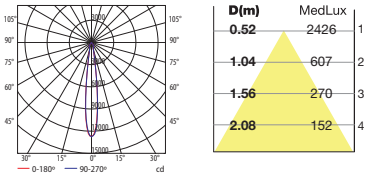
Estándar
Zhaga / Zhaga
Standard

90-2520-14-37 ☐	2000 lm(N)	3000K	CRI>80	15º	26W	E 220V 240V
90-2521-14-37 ☐				24º		
90-2522-14-37 ☐				36º		
90-2534-14-37 ☐		4000K		15º	24W	
90-2556-14-37 ☐				24º		
90-2581-14-37 ☐				36º		
90-2614-14-37 ☐		3000K	CRI>90	15º	23W	
90-2615-14-37 ☐				24º		
90-2616-14-37 ☐				36º		
90-2582-14-37 ☐	3000 lm(N)	3000K	CRI>80	15º	28W	
90-2594-14-37 ☐				24º		
90-2599-14-37 ☐				36º		
90-2605-14-37 ☐		4000K		15º	26W	
90-2611-14-37 ☐				24º		
90-2613-14-37 ☐				36º		
90-3512-14-37 ☐		3000K	CRI>90	15º	33W	
90-3513-14-37 ☐				24º		
90-3514-14-37 ☐				36º		

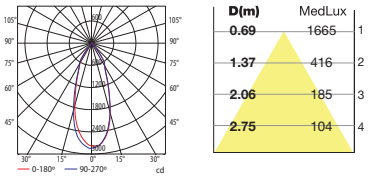
LED 2000lm 15° 3000K



LED 2000lm 24° 3000K



LED 2000lm 36° 3000K

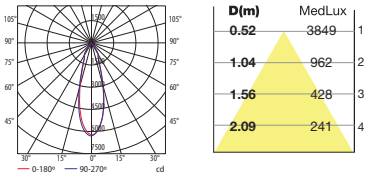


Equipos / Gears / Dispositifs/ Treiber / Dispositivi / Equipamentos / Устройства / Osprzęt



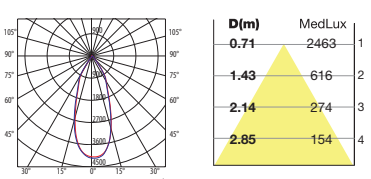
71-2476-00-00	1 driver = **1 Bond**	Driver ON / OFF 220-240 VAC	32 x 46 x 190 mm

LED 3000lm 24° 3000K



Accesorios / Accessories / Accesoires / Zubehöre / Accessori / Acessórios / Аксессуары / Akcesoria

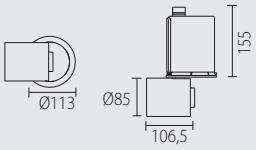
LED 3000lm 36° 3000K



ACT-9127-11-00	LED	
ACT-9127-08-00	LED	
ACT-9127-25-00	LED	
ACT-9127-24-00	LED	
ACT-9135-60-00	LED	

BOND





14

AL
GLA
DIF

IP 20
RF 850°C
0,2m
355°
90°

24

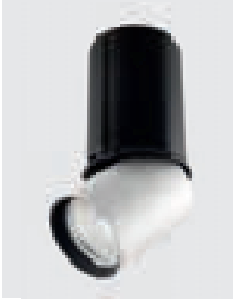
p.873

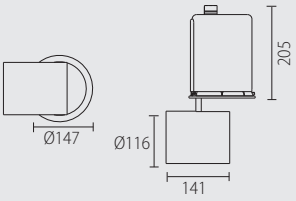
HCI-TF

GU6.5



71-1933-14-37	☐	max.35W		10°
71-1539-14-37	☐			24°
71-1934-14-37	☐			45°





14

AL
GLA
DIF

IP 20
RF 850°C
0,5m
355°
90°

12

p.858

p.873

QR-111 / AR-111

G53



(max. H=100 mm)

71-1929-14-00	☐	max.100W		09-14

CDM-R111

GX8.5



71-1849-14-00	☐	max.70W		15-20

HIT-T

G12



71-1930-14-37	☐	max.70W		10°
71-1931-14-37	☐			24°
71-1932-14-37	☐			45°

AR-111

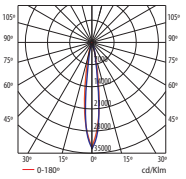
GU10



(max. H=100 mm)

71-1928-14-00	☐	–	110V 240V	22-25

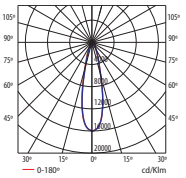
HIT-T G12 70W 10°



D(m)	MedLux	
0.28	19864	1
0.55	4966	2
0.83	2207	3
1.11	1241	4

η=70%

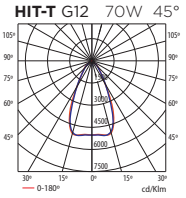
HIT-T G12 70W 24°



D(m)	MedLux	
0.44	10194	1
0.88	2548	2
1.32	1133	3
1.76	637	4

η=64%

HIT-T G12 70W 45°



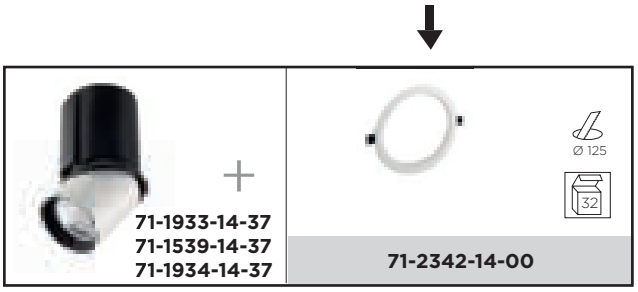
D(m)	MedLux	
1.04	2978	1
2.08	744	2
3.12	331	3
4.16	186	4

η=65%

Accesorios / Accessories / Accesoires / Zubehöre / Accessori / Acessórios / Аксессуары / Akcesoria

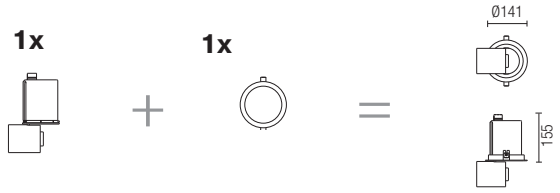
ACT-9127-11-00	HIT-T	
ACT-9131-11-00	QR-111	
ACT-9127-08-00	HIT-T	
ACT-9131-08-00	QR-111	
ACT-9127-25-00	HIT-T	
ACT-9131-25-00	QR-111	
ACT-9127-24-00	HIT-T	
ACT-9131-24-00	QR-111	
ACT-9135-60-00	HIT-T	

Accesorios necesarios / Accessories required / Accesoires nécessaires / Notwendig Zubehöre / Accessori necessari / Acessórios necessàrios / Необходимые аксессуары / Akcesoria Konieczne



71-1933-14-37
71-1539-14-37
71-1934-14-37

71-2342-14-00





90-2520-14-37
90-2521-14-37
90-2522-14-37
90-2534-14-37
90-2556-14-37
90-2581-14-37
90-2614-14-37
90-2615-14-37
90-2616-14-37
90-2582-14-37
90-2594-14-37
90-2599-14-37
90-2605-14-37
90-2611-14-37
90-2613-14-37
90-3512-14-37
90-3513-14-37
90-3514-14-37



71-2337-14-00



71-2338-14-00

TRIM



TRIMLESS



71-2339-14-00



71-1929-14-00
71-1849-14-00
71-1930-14-37
71-1931-14-37
71-1932-14-37
71-1928-14-00

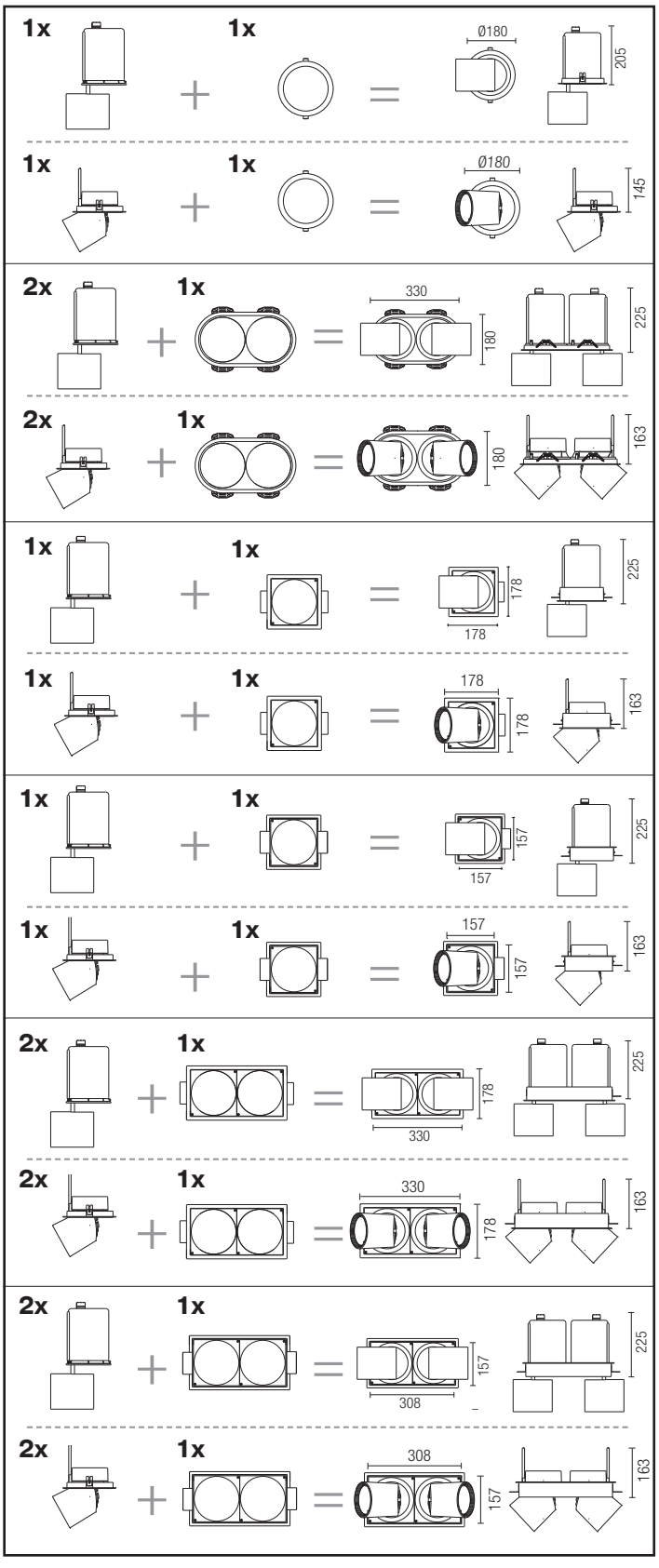
TRIM



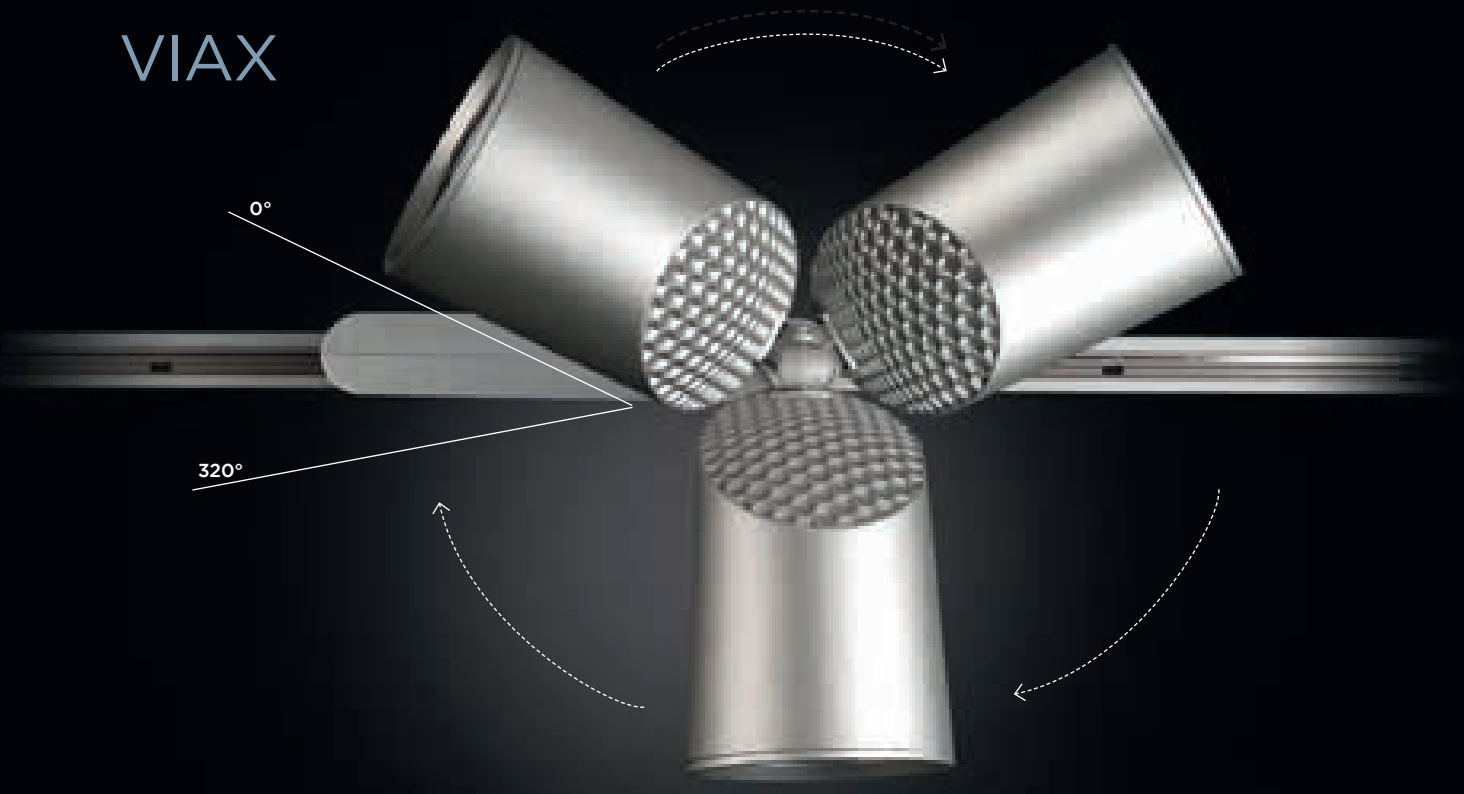
TRIMLESS



71-2340-14-00



VIAX









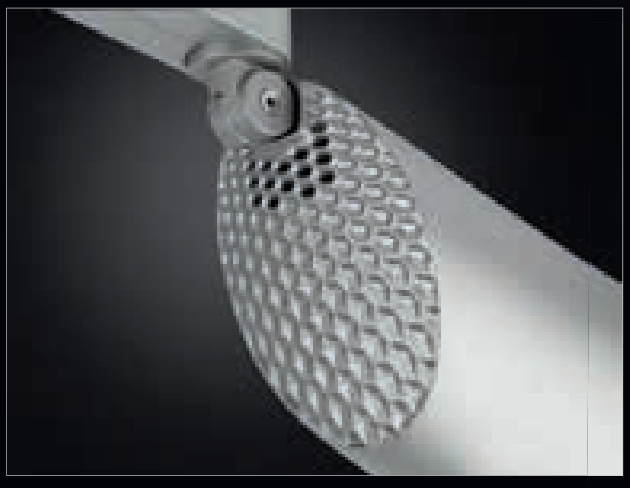


QR-111
G53

CDM-R111
GX8.5

HIT-T
G12

AR-111 GU10
LEDS-C4





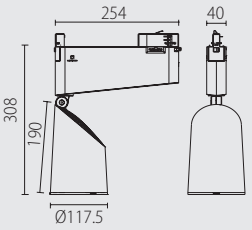


AÏTA STORE. MADRID, SPAIN.



VIAX





14 N3 60 | AL PC GLA DIF | IP 20 | RF 850°C | 0,5m | 320° | 125° | 6 | p.858

QR-111

G53

(max. H=100 mm)

PR-0915-14-00 □	max.100W	E *	220V 240V	09-14
PR-0915-60-00 ■				
PR-0915-N3-00 ▪				

CDM-R111

GX8.5

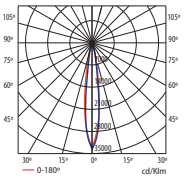
PR-0916-14-00 □	35W	E *	220V 240V	15-20
PR-0916-60-00 ■				
PR-0916-N3-00 ▪				
PR-0917-14-00 □	70W			
PR-0917-60-00 ■				
PR-0917-N3-00 ▪				

HIT-T

G12

PR-0918-14-00 □	35W	E *	220V 240V	10°
PR-0918-60-00 ■				
PR-0918-N3-00 ▪				
PR-0919-14-00 □				24°
PR-0919-60-00 ■				
PR-0919-N3-00 ▪				
PR-0920-14-00 □				45°
PR-0920-60-00 ■				
PR-0920-N3-00 ▪				
PR-0921-14-00 □	70W			10°
PR-0921-60-00 ■				
PR-0921-N3-00 ▪				
PR-0922-14-00 □				24°
PR-0922-60-00 ■				
PR-0922-N3-00 ▪				
PR-0923-14-00 □				45°
PR-0923-60-00 ■				
PR-0923-N3-00 ▪				

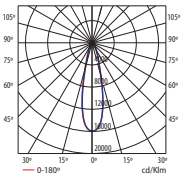
HIT-T G12 70W 10°



D(m)	MedLux	
0.28	19864	1
0.55	4966	2
0.83	2207	3
1.11	1241	4

η=70%

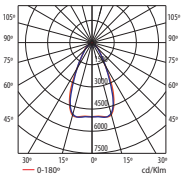
HIT-T G12 70W 24°



D(m)	MedLux	
0.44	10194	1
0.88	2548	2
1.32	1133	3
1.76	637	4

η=64%

HIT-T G12 70W 45°



D(m)	MedLux	
1.04	2978	1
2.08	744	2
3.12	331	3
4.16	186	4

η=65%

AR-111

GU10

(max. H=100 mm)

PR-0940-14-00 □	–	–	110V 240V	22-25
PR-0940-60-00 ■				
PR-0940-N3-00 ▪				

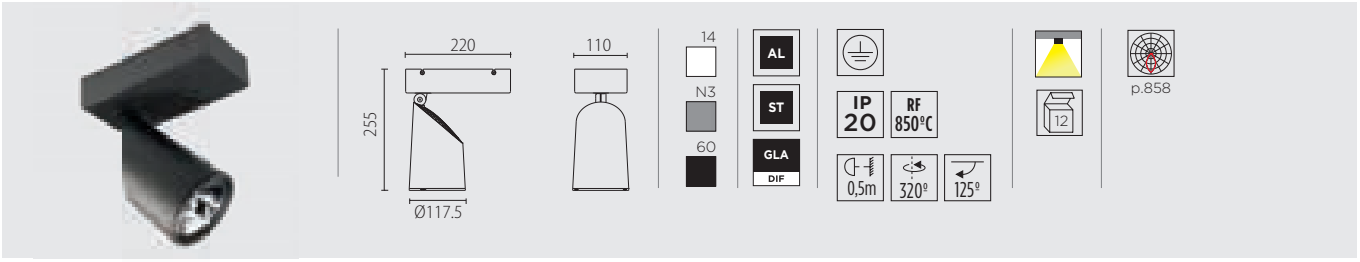
VIAX, VIAX E , VIAX S

Accesorios / Accessories / Accesoires / Zubehöre / Accessori / Acessórios / Аксессуары / Akcesoria

ACT-9127-11-00	HIT-T	
ACT-9131-11-00	QR-111	
ACT-9127-08-00	HIT-T	
ACT-9131-08-00	QR-111	
ACT-9127-25-00	HIT-T	
ACT-9131-25-00	QR-111	
ACT-9127-24-00	HIT-T	
ACT-9131-24-00	QR-111	
ACT-9135-60-00	HIT-T	

* Posibilidad de servir estas referencias sin equipo. Consulte a nuestro Equipo Comercial

VIAX S



QR-111

G53  (max. H=100 mm)	PR-0975-14-00 ☐	max.100W	* 220V 240V	09-14
	PR-0975-60-00 ■			
	PR-0975-N3-00 ■			

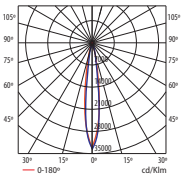
CDM-R111

GX8.5 	PR-0976-14-00 ☐	35W	* 220V 240V	15-20
	PR-0976-60-00 ■			
	PR-0976-N3-00 ■			
	PR-0977-14-00 ☐	70W		
	PR-0977-60-00 ■			
	PR-0977-N3-00 ■			

HIT-T

G12 	PR-0978-14-00 ☐	35W	* 220V 240V	10°
	PR-0978-60-00 ■			
	PR-0978-N3-00 ■			
	PR-0979-14-00 ☐			24°
	PR-0979-60-00 ■			
	PR-0979-N3-00 ■			
	PR-0980-14-00 ☐			45°
	PR-0980-60-00 ■			
	PR-0980-N3-00 ■			
	PR-0981-14-00 ☐	70W		10°
	PR-0981-60-00 ■			
	PR-0981-N3-00 ■			
	PR-0982-14-00 ☐			24°
	PR-0982-60-00 ■			
	PR-0982-N3-00 ■			
	PR-0983-14-00 ☐			45°
	PR-0983-60-00 ■			
	PR-0983-N3-00 ■			
	PR-0984-14-00 ☐	100W		10°
	PR-0984-60-00 ■			
	PR-0984-N3-00 ■			
	PR-0985-14-00 ☐			24°
	PR-0985-60-00 ■			
	PR-0985-N3-00 ■			
	PR-0986-14-00 ☐			45°
	PR-0986-60-00 ■			
	PR-0986-N3-00 ■			

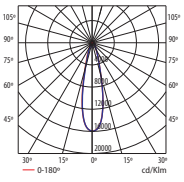
HIT-T G12 70W 10°



D(m)	MedLux	
0.28	19864	1
0.55	4966	2
0.83	2207	3
1.11	1241	4

η=70%

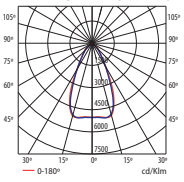
HIT-T G12 70W 24°



D(m)	MedLux	
0.44	10194	1
0.88	2548	2
1.32	1133	3
1.76	637	4

η=64%

HIT-T G12 70W 45°



D(m)	MedLux	
1.04	2978	1
2.08	744	2
3.12	331	3
4.16	186	4

η=65%

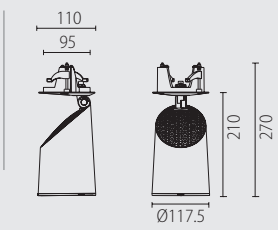
AR-111

GU10  (max. H=100 mm)	PR-0987-14-00 ☐	-	-	110V 240V	22-25
	PR-0987-60-00 ■				
	PR-0987-N3-00 ■				

* Posibilidad de servir estas referencias sin equipo. Consulte a nuestro Equipo Comercial

VIAX E





14
N3
60

Ø 100
0-25mm

AL
GLA
DIF

IP 20
RF 850ºC
0,5m
320º
125º

12

p.858

QR-111

G53

(max. H=100 mm)

PR-0924-14-00 □	max.100W	* 220V 240V	09-14
PR-0924-60-00 ■			
PR-0924-N3-00 ▪			

CDM-R111

GX8.5

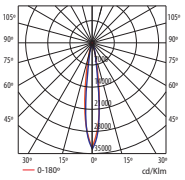
PR-0925-14-00 □	35W	* 220V 240V	15-20
PR-0925-60-00 ■			
PR-0925-N3-00 ▪			
PR-0926-14-00 □	70W		
PR-0926-60-00 ■			
PR-0926-N3-00 ▪			

HIT-T

G12

PR-0927-14-00 □	35W	* 220V 240V	10°
PR-0927-60-00 ■			
PR-0927-N3-00 ▪			
PR-0928-14-00 □			24°
PR-0928-60-00 ■			
PR-0928-N3-00 ▪			
PR-0929-14-00 □			45°
PR-0929-60-00 ■			
PR-0929-N3-00 ▪			
PR-0930-14-00 □	70W		10°
PR-0930-60-00 ■			
PR-0930-N3-00 ▪			
PR-0931-14-00 □			24°
PR-0931-60-00 ■			
PR-0931-N3-00 ▪			
PR-0932-14-00 □			45°
PR-0932-60-00 ■			
PR-0932-N3-00 ▪			

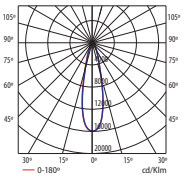
HIT-T G12 70W 10°



D(m)	MedLux	
0.28	19864	1
0.55	4966	2
0.83	2207	3
1.11	1241	4

η=70%

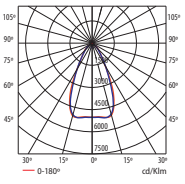
HIT-T G12 70W 24°



D(m)	MedLux	
0.44	10194	1
0.88	2548	2
1.32	1133	3
1.76	637	4

η=64%

HIT-T G12 70W 45°



D(m)	MedLux	
1.04	2978	1
2.08	744	2
3.12	331	3
4.16	186	4

η=65%

AR-111

GU10

(max. H=100 mm)

PR-0941-14-00 □	–	–	110V 240V	22-25
PR-0941-60-00 ■				
PR-0941-N3-00 ▪				

VIAX, VIAX E , VIAX S

Accesorios / Accessories / Accesoires / Zubehöre / Accessori / Acessórios / Аксессуары / Akcesoria

ACT-9127-11-00	HIT-T	
ACT-9131-11-00	QR-111	
ACT-9127-08-00	HIT-T	
ACT-9131-08-00	QR-111	
ACT-9127-25-00	HIT-T	
ACT-9131-25-00	QR-111	
ACT-9127-24-00	HIT-T	
ACT-9131-24-00	QR-111	
ACT-9135-60-00	HIT-T	

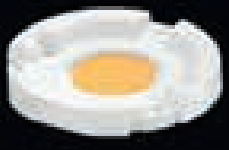
* Posibilidad de servir estas referencias sin equipo. Consulte a nuestro Equipo Comercial

ACTION



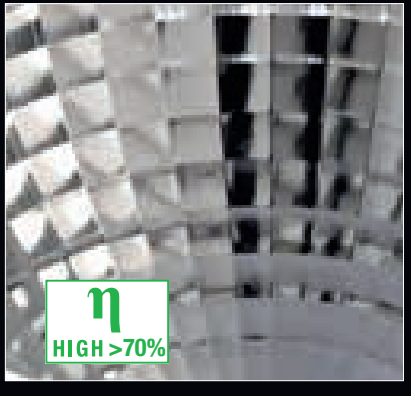














QR-111
G53

CDM-R111
GX8.5

HIT-T
G12

AR-111 GU10
LEDS-C4

LED
Estándar Zhaga
Zhaga Standard

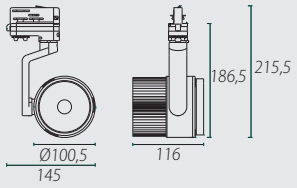




ACTION

NEW





14 / 60

AL
GLA
DIF

IP 20
RF 850ºC
220V 240V
0,5m
320º
90º 90º

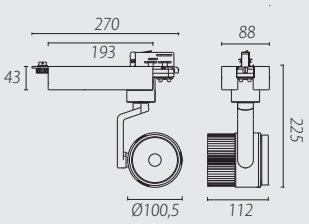
18

LED

Estándar
Zhaga /
Zhaga
Standard

35-2512-14-37 ☐	2000 lm(N)	3000K	CRI>80	24°	26W	E
35-2512-60-37 ■				38°		
35-2515-14-37 ☐						
35-2515-60-37 ■						
35-2513-14-37 ☐		4000K		24°	24W	
35-2513-60-37 ■				38°		
35-2517-14-37 ☐						
35-2517-60-37 ■						





14 / 60

AL
GLA
DIF

IP 20
RF 850ºC
220V 240V
0,5m
320º
90º 90º

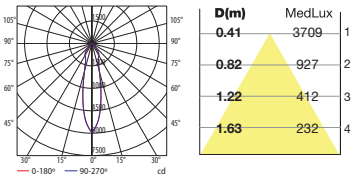
6

LED

Estándar
Zhaga /
Zhaga
Standard

35-2210-14-37 ☐	2000 lm(N)	3000K	CRI>90	24°	23W	E *
35-2210-60-37 ■				38°		
35-2215-14-37 ☐						
35-2215-60-37 ■						
35-2200-14-37 ☐	3000 lm(N)	3000K	CRI>80	24°	28W	
35-2200-60-37 ■				38°		
35-2202-14-37 ☐						
35-2202-60-37 ■						
35-2204-14-37 ☐		4000K	CRI>80	24°	26W	
35-2204-60-37 ■				38°		
35-2205-14-37 ☐						
35-2205-60-37 ■						
35-3510-14-37 ☐		3000K	CRI>90	24°	33W	
35-3510-60-37 ■				38°		
35-3511-14-37 ☐						
35-3511-60-37 ■						

LED 3000lm 24° 3000K



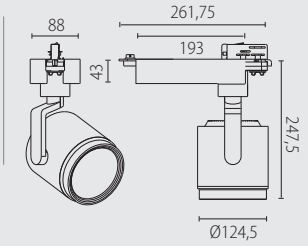
Accesorios / Accessories / Accesoires / Zubehöre / Accessori / Acessórios / Аксессуары / Akcesoria

71-2675-60-00	LED	

* Posibilidad de servir estas referencias sin equipo. Consulte a nuestro Equipo Comercial

ACTION





14
60

AL
GLA
DIF

IP 20
RF 850°C
0,5m
320°
90° 90°

6

p.858

QR-111

G53

(max. H=100 mm)

PR-0946-14-00 ☐	max.100W	* 220V 240V	09-14
PR-0946-60-00 ■			

CDM-R111

GX8.5

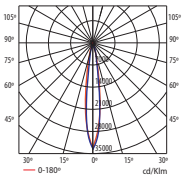
PR-0947-14-00 ☐	35W	* 220V 240V	15-20
PR-0947-60-00 ■			
PR-0948-14-00 ☐	70W		
PR-0948-60-00 ■			

HIT-T

G12

PR-0949-14-37 ☐	35W	* 220V 240V	12°
PR-0949-60-37 ■			
PR-0950-14-37 ☐			24°
PR-0950-60-37 ■			
PR-0951-14-37 ☐			38°
PR-0951-60-37 ■			
PR-0952-14-37 ☐	70W		12°
PR-0952-60-37 ■			
PR-0953-14-37 ☐			24°
PR-0953-60-37 ■			
PR-0954-14-37 ☐			38°
PR-0954-60-37 ■			

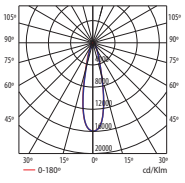
HIT-T G12 70W 12°



D(m)	MedLux	
0.28	19864	1
0.55	4966	2
0.83	2207	3
1.11	1241	4

η=70%

HIT-T G12 70W 24°



D(m)	MedLux	
0.44	10194	1
0.88	2548	2
1.32	1133	3
1.76	637	4

η=64%

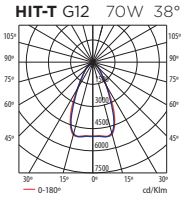
AR-111

GU10

(max. H=100 mm)

PR-0955-14-00 ☐	–	–	110V 240V	22-25
PR-0955-60-00 ■				

HIT-T G12 70W 38°



D(m)	MedLux	
1.04	2978	1
2.08	744	2
3.12	331	3
4.16	186	4

η=65%

Accesorios / Accessories / Accesoires / Zubehöre / Accessori / Acessórios / Акссссуары / Akcesoria

ACT-0451-00-00	HIT-T	
ACT-9131-11-00	QR-111	
ACT-0452-00-00	HIT-T	
ACT-9131-08-00	QR-111	
ACT-0454-00-00	HIT-T	
ACT-9131-25-00	QR-111	
ACT-0453-00-00	HIT-T	
ACT-9131-24-00	QR-111	

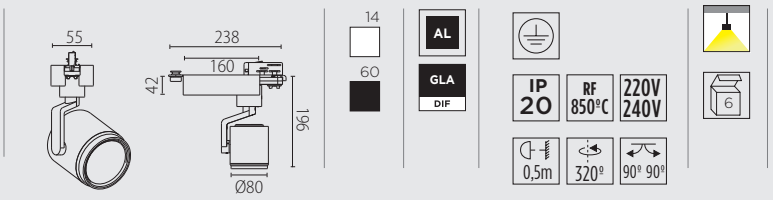
ACT-9180-60-00	HIT-T	

ACT-9181-14-00 ☐	HIT-T	
ACT-9181-60-00 ■	QR-111	

* Posibilidad de servir estas referencias sin equipo. Consulte a nuestro Equipo Comercial

ACTION

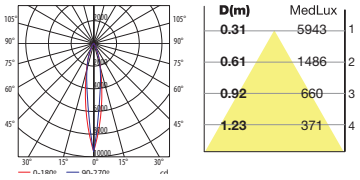




CDM-Tm

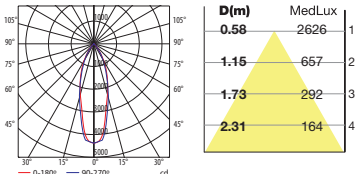
PGJ5	PR-0956-14-37 ☐	20W	*	12°
	PR-0956-60-37 ■			
	PR-0957-14-37 ☐			24°
	PR-0957-60-37 ■			
	PR-0958-14-37 ☐			38°
	PR-0958-60-37 ■			
	PR-0959-14-37 ☐	35W		12°
	PR-0959-60-37 ■			
	PR-0960-14-37 ☐			24°
	PR-0960-60-37 ■			
	PR-0961-14-37 ☐			38°
	PR-0961-60-37 ■			

CDM-TM PGJ5 35W 12°



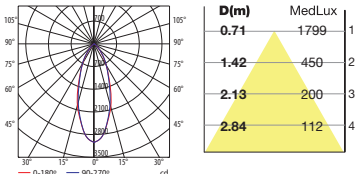
η=58%

CDM-TM PGJ5 35W 24°



η=68%

CDM-TM PGJ5 35W 38°



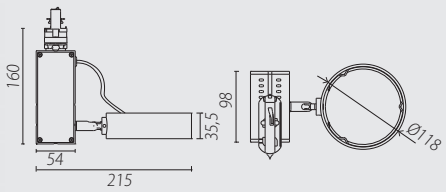
η=62%

* Posibilidad de servir estas referencias sin equipo. Consulte a nuestro Equipo Comercial



KEY





14
60
AL
IP 20
RF 850ºC
0,5m
355º
355º
60º
12
p.858

QR-111

G53

35-1559-14-00	□	max.100W	E * C	220V 240V	09-14
35-1559-60-00	■				

CDM-R111

GX8.5

35-1557-14-00	□	35W	E *	220V 240V	15-20
35-1557-60-00	■				
35-1558-14-00	□	70W			
35-1558-60-00	■				

AR-111

GU10

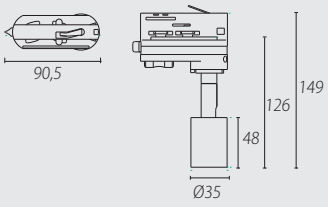
35-1565-14-00	□	–	–	110V 240V	22-25
35-1565-60-00	■				





NEW





14
60
AL
IP 20
RF 850ºC
110V 240V
0,5m
355º
90º
12
p.858

AR-111 /QPAR-16

GU10

35-2898-14-00	□	max.75W	–	–	1-8 21-25
35-2898-60-00	■				

Accesorios / Accessories / Accesoires / Zubehöre / Accessori / Acessórios / Аксессуары / Akcesoria

●	**ACT-9131-11-00**	QR-111	●	**ACT-9131-25-00**	QR-111
●	**ACT-9131-08-00**	QR-111	●	**ACT-9131-24-00**	QR-111



ACT-9105-14-00	□	Base para montaje en superficie / Base for surface mounting / Base pour montage en surface / Unterbau zur Aufbaumontage / Base per il montaggio in superficie / Base para instalação à superfície Основание для поверхностного монтажа / Podstawa do zamontowania na powierzchni
ACT-9105-60-00	■	

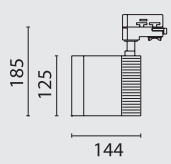


ACT-9106-14-00	□	Caja para empotrar / Recessed box / Boîtier à encastrer / Gehäuse zum Einbau / Scatola per incasso / Caixa para encastrar / Бокс для встроенного монтажа / Skrzynka do wbudowania
ACT-9106-60-00	■	

* Posibilidad de servir estas referencias sin equipo. Consulte a nuestro Equipo Comercial

MACH1





N3 | AL | IP 20 | RF 850ºC | 0,5m | 355º | 90º | 20 | p.858

QR-111

G53

(max. H=100 mm)

PR-0020-N3-00	■	max.60W	* 220V 240V	09-14

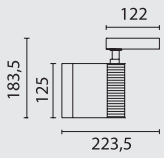
AR-111

GU10

(max. H=100 mm)

PR-0944-N3-00	■	-	-	110V 240V	22-25





N3 | AL | IP 20 | RF 850ºC | 220V 240V | 0,5m | 355º | 90º | 20 | p.858

QR-111

G53

(max. H=100 mm)

PR-0019-N3-00	■	max.60W	* 220V 240V	09-14

AR-111

GU10

(max. H=100 mm)

PR-0945-N3-00	■	-	-	110V 240V	22-25

Accesorios / Accessories / Accesoires / Zubehöre / Accessori / Acessórios / Аксессуары / Akcesoria

ACT-0451-00-00	HIT-T	
ACT-9131-11-00	QR-111	
ACT-0452-00-00	HIT-T	
ACT-9131-08-00	QR-111	
ACT-0454-00-00	HIT-T	
ACT-9131-25-00	QR-111	
ACT-0453-00-00	HIT-T	
ACT-9131-24-00	QR-111	

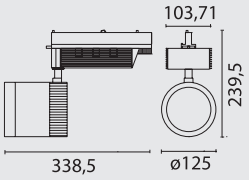


ACT-0455-60-00

* Posibilidad de servir estas referencias sin equipo. Consulte a nuestro Equipo Comercial

MACH1





N3

AL

GLA
DIF

IP 20 | RF 850ºC | 220V 240V | 0,5m | 355º | 90º

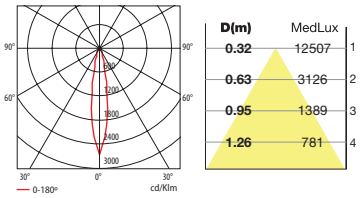
20

HIT-T

G12

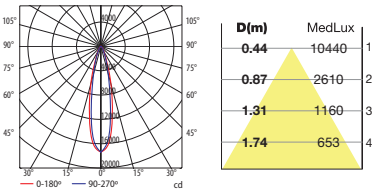
PR-0382-N3-00		70W	*	10°
PR-0936-N3-00				24°
PR-0383-N3-00				45°
PR-0384-N3-00		150W		10°
PR-0937-N3-00				24°
PR-0385-N3-00				45°

HIT-T G12 70W 10°



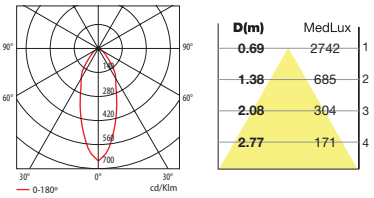
η=56%

HIT-T G12 70W 24°



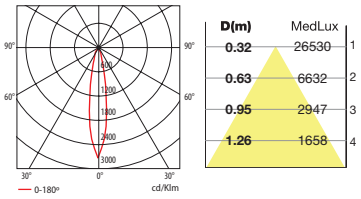
η=64%

HIT-T G12 70W 45°



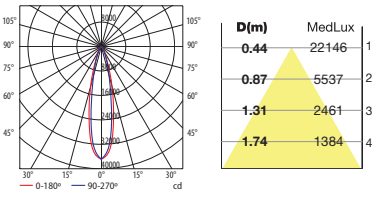
η=50%

HIT-T G12 150W 10°



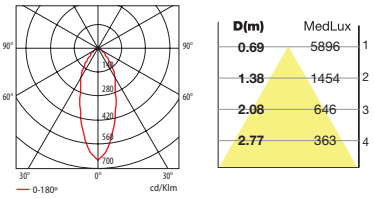
η=56%

HIT-T G12 150W 24°



η=64%

HIT-T G12 150W 45°



η=50%

Accesorios / Accessories / Accesoires / Zubehöre / Accessori / Acessórios / Аксессуары / Akcesoria

ACT-0451-00-00 HIT-T
ACT-9131-11-00 QR-111

ACT-0452-00-00 HIT-T
ACT-9131-08-00 QR-111

ACT-0454-00-00 HIT-T
ACT-9131-25-00 QR-111

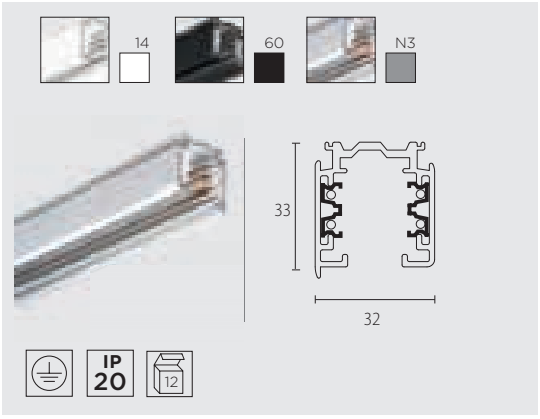
ACT-0453-00-00 HIT-T
ACT-9131-24-00 QR-111



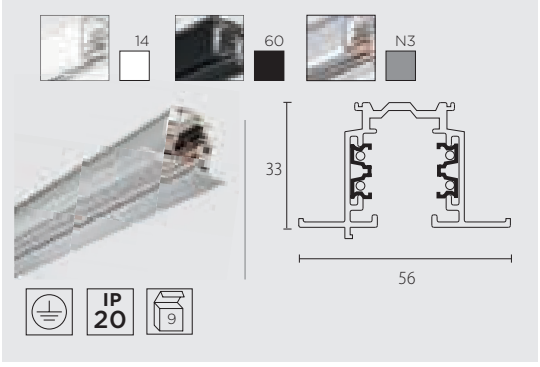
ACT-0455-60-00

* Posibilidad de servir estas referencias sin equipo. Consulte a nuestro Equipo Comercial

CARRILES / TRACKS

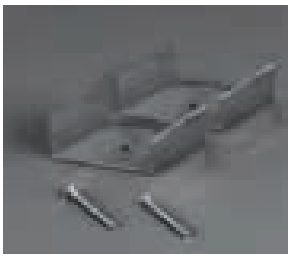


CR-0323-14-00	□	1000 mm	Carril trifásico Three-circuit track Rail triphasé 3-Phasen-Schiene Binario trifasico Calha trifasico Трехфазный шинопровод Trójfazowa szyna
CR-0323-60-00	■		
CR-0323-N3-00	■		
CR-0324-14-00	□	2000 mm	
CR-0324-60-00	■		
CR-0324-N3-00	■		
71-3285-14-00	□	NEW 3000 mm	
71-3285-60-00	■		
71-3285-N3-00	■		



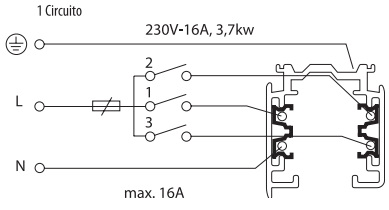
CR-0337-14-00	□	1000 mm	Carril trifásico para montaje empotrado Three-circuit track for recessed mounting Rail électrifié triphasé à montage encastré 3-Phasen-Schiene Einbau Binario trifasico per montaggio ad incasso Calha trifásica para montagem encastrada Трехфазный шинопровод для встроенного монтажа Trójfazowa szyna do wbudowania
CR-0337-60-00	■		
CR-0337-N3-00	■		
CR-0338-14-00	□	2000 mm	
CR-0338-60-00	■		
CR-0338-N3-00	■		

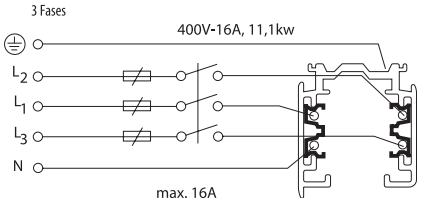
ACT-9165-48-00	
1m= 1 kit / 2m= 2 kits	

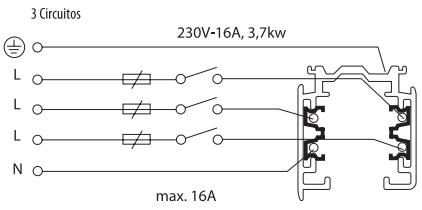


Kit para empotrar (2 unidades/ref)
Recessed kit (2 units/ref)
Kit d'encastrement (2 unités/réf)
Einbaukit (2 Stk/Ref)
Kit per incasso (2 unità/rif)
Kit para encastrar (2 unidades/ref)
Набор для встроенного монтажа (2 шт/артикул)
Zestaw do wbudowania (2 sztuki/ref.)

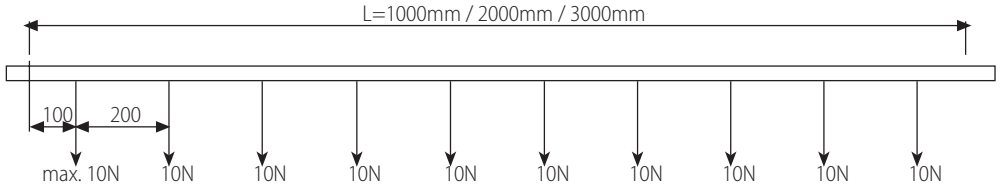
Esquema de conexión / Connection scheme / Schéma de branchement / Schaltbild / Schema di connessione / Esquema de ligação / Схема подсоединения / Schemat montażowy







Distancia recomendada entre fijaciones / Recommended distance for fixations / Distance recommandée entre les fixations / Empfohlener Abstand zwischen Befestigungen / Distanza consigliata frapunti di fissaggio / Distância recomendada entre fixações / Рекомендованное расстояние между деталями крепежа / Zalecana odległość pomiędzy zamocowaniami



Elementos de fijación y accesorios / Installation accessories/ Éléments de fixation et accessoires / Befestigungselemente und Zubehöre / Elementi di fissaggio e accessori / Elementos de fixação e acessórios / Elementy mocujące i akcesoria / Крепеж и аксессуары



CR-0333-14-00 ☐
CR-0333-N3-00 ■

Para piezas de fijación directa a falsos techos. For direct mounting on false ceilings./ Destiné à la fixation directe sur faux plafonds./ Für Teile zur direkten Befestigung an Zwischendecken./ Per l'installazione diretta su controsoffitti./ Para fixação direta a tectos falsos/ Для светильников, монтируемых непосредственно в подвесные потолки / Dla elementów bezpośrednio mocowanych do podwieszanych sufitów/

4 unidades/ref / 4 units/ref / 4 unités/ref/ 4 Stk/Ref / 4 unidades/Ref / 4 unità/rif / 4 штуки/артикул / 4 sztuki/ref.



CR-0334-14-00 ☐
CR-0334-N3-00 ■

Suspensión con toma de corriente / Suspension with mains supply / Suspension avec prise d'alimentation / Aufhängung mit Stromanschluss / Sospensione con presa di corrente / Suspensão com tomada de corrente / Подвесной монтаж с включением в сеть / Zawieszenie z elementem zasilającym prądu /



CR-0335-00-00

Herramienta de doblado./ Ending tool needed after cutting the track./ Outil de pliage nécessaire après la coupe du rail./ Biegewerkzeug./ Attrezzo necessario dopo aver tagliato il binario./ Ferramenta de dobragem./ Инструмент для сгибания / Narzędzie do zaginania/

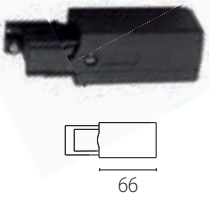


CR-0336-14-00 ☐
CR-0336-N3-00 ■

Sirga de acero / Steel cable / Câble de suspension en acier / Stahlkabel / Cavo in acciaio / Cabo de suspensão em aço / Подвесной монтаж (1.300mm) / Stalowa lina

2 unidades/ref / 2 units/ref / 2 unités/ref/ 2 Stk/Ref / 2 unità/rif / 2 unidades/Ref / 2 штуки/артикул / 2 sztuki/ref.

Accesorios de conexión / Connection accessories / Accessoires de connexion / Anschlusszubehöre / Accessori di connessione / Acessórios de ligação / Аксессуары для подключения / Akcesoria łączące



CR-0325-14-00 ☐
CR-0325-60-00 ■

Acometida izquierda/ Mains connector (left)/ Connecteur d'alimentation gauche/ Anschluss links/ Allacciamento sinistro / Conector de alimentação esquerdo/ Токопровод левый / Lewe zasilanie/



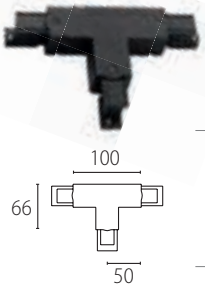
CR-0326-14-00 ☐
CR-0326-60-00 ■

Acometida derecha/ Mains connector (right)/ Connecteur d'alimentation droit/ Anschluss rechts/ Allacciamento destro/ Conector de alimentação direito/ Токопровод правый / Prawe zasilanie/



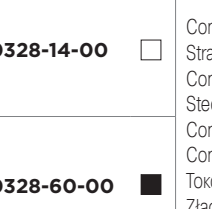
CR-0327-14-00 ☐
CR-0327-60-00 ■

tapa final/ end cap/ cache final/ endkappe/ cappuccio finale/ topo final / торцевая заглушка / Zaślepka /



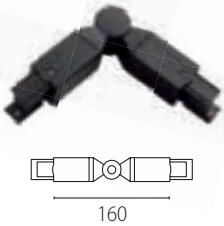
CR-0332-14-00 ☐
CR-0332-60-00 ■

Conector "T" derecho/ "T" connector right/ Connecteur en « T » droit/ T-Stecker rechts/ Conector "T" direito/ Connettore a "T" destro/ Токопровод Т-образный правый / Prawa złączka w kształcie T/



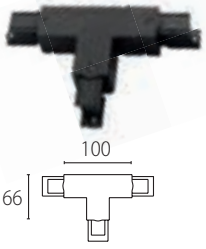
CR-0328-14-00 ☐
CR-0328-60-00 ■

Conector continuidad/ Straight connector/ Connecteur de continuité/ Stecker Durchgängigkeit/ Connettore di continuità/ Conector de continuidade/ Токопровод центральный / Złączka liniowa/



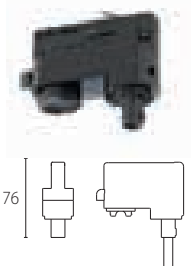
CR-0329-14-00 ☐
CR-0329-60-00 ■

Conector ajustable/ Adjustable connector/ Connecteur réglable/ Verstellbarer Stecker/ Connettore regolabile/ Conector regulável / Токопровод поворотный регулируемый / Złączka regulowana/



CR-0331-14-00 ☐
CR-0331-60-00 ■

Conector "T" izquierdo/ "T" connector left/ Connecteur en « T » gauche/ T-Stecker links / Connettore a "T" sinistro / Conector "T" esquerdo / Токопровод Т-образный левый / Lewa złączka w kształcie T/



71-2232-14-14 ☐
71-2232-60-60 ■

Conector de carril / Track connector / Connecteur de rail / Schienenstecker / Collegamento binari / Conector de calha / Соединитель шины/ Łącznik szyny

TECHNICAL













		PLAY	TRIMIUM MINI	EIS	SPLIT	PAT	TOP	CAMALEON	DOME	TRIMIUM S100/S130	DELTA	VISION
		P. 100	P. 102	P. 104	P. 105	P. 94	P 96	P. 108	P. 88	P. 106	P. 114	P.86
Ø 61-70mm			■	■								
Ø 71-80mm				■	■	■	■	■				
Ø 81-90mm			■						■	■	■	
Ø 91-100mm			■									■
Ø 111-120mm									■	■		
Ø 121-130mm											■	
Ø 131-140mm											■	
Ø 141-150mm												
Ø 151-160mm												
Ø 161-170mm												
Ø 171-180mm												
Ø 191-200mm								■	■			
Ø 201-210mm												
Ø 211-220mm												
Ø 221-230mm												
Ø 231-240mm												
QR-111/G53	100W							■	■			
CDM-R111/GX8.5	70W							■	■			
QR-CBC51/GU5.3	50W		■	■	■	■		■	■	■		
HIT-T/G12	70/150W											
HIT-TC/G8.5	70W									■		
GX24q	26W							■		■		
G24q	18/26W											
G24d	18/26W											
E-27												
AR-111/GU10								■	■			
MR16/GU5.3			■	■	■	■		■	■	■		
QPAR16/GU10			■			■		■	■	■		
LED		Max.7/13W					5,5W				Max 19,8W	Max. 8,8W
LED Zhaga	2000lm/3000lm											
Fijo/ Fixed		■	■	■	■		■	■	■	■		■
Orientable / Adjustable		■	■			■		■	■		■	■
IP20												
IP23			■			■		■	■		■	
IP40												
IP43												
IP44		■					■					■
IP54				■						■		
IP65					■							
		■ (1)					■	■ (1)		■ (1)		

ROUND DOWNLIGHTS

DOWNLIGHTS REDONDOS
DOWNLIGHTS RONDS
RUNDE DOWNLIGHTS
DOWNLIGHTS ROTONDI
DOWNLIGHTS REDONDOS
КРУГЛЫЕ ВСТРАИВАЕМЫЕ СВЕТИЛЬНИКИ
OKRGŁE OPRAWY TYPU DOWNLIGHT

ECOLED	DELTA COB	DOWN	GES	CARDEX E	CARDEX C	EQUAL EQUAL SPOT	VOL	ECO	ROUND FIT	ROL	EXIT
											
P. 153	P. 110	P. 154	P. 82	P. 119	P. 116	P. 142	P. 155	P. 152	P. 140	P. 148	P. 136
■											
	■	■									
			■								
				■	■						
			■			■					
					■						
		■					■				
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						■				■	
					■						■
			■								
					■						
				■							■
								■		■	
								■			
		■									
					■						■
			■								
11/20/31W	26/38W					Max.39W	17,5W		Max. 14W		
					■	■					■
■		■	■			■	■	■	■	■	■
	■		■	■	■						■
			■		■					■	■
									■		
				■							
■	■	■					■	■			
						■				■	
■	■				■ (1)	■ (1)	■	■	■ (1)	■	■ (1)

(1) Sólo en algunas versiones / Only in some versions

TECHNICAL

		PLAY	EIS	MINI EVOLUTION	ZOE	FÓRMULA	MINI	MULTIDIR
								
		P. 100	P. 105	P. 90	P. 105	P. 105	P. 92	P. 128
Ø 61-70mm			■					
Ø 71-80mm			■	■	■	■		
Ø 81-90mm							■	
81-90mm x 61-70mm							■	
101-110mm x 101-110mm								■
121-130mm x 121-130mm								
151-160mm x 151-160mm								■
161-170mm x 161-170mm								
171-180mm x 61-70mm							■	
171-180mm x 231-240mm								
181-190mm x 181-190mm								
191-200mm x 191-200mm								
201-210mm x 101-110mm								■
201-210mm x 201-210mm								
211-220mm x 211-220mm								■
231-240mm x 61-70mm								
231-240mm x 231-240mm								
251-260mm x 151-160mm								
291-300mm x 151-160mm								
291-300mm x 291-300mm								
301-310mm x 101-110mm								■
301-310mm x 151-160mm								■
311-320mm x 161-170mm								
311-320mm x 311-320mm								■
441-450mm x 151-160mm								
451-460mm x 161-170mm								■
591-600mm x 591-600mm								
QR-111/G53	100W							■
CDM-R111/GX8.5	70W							■
QR-CBC51/GU5.3	50W		■	■	■	■	■	■
HIT-TC G8.5								
HIT-DE RX7s								
GX24q	26W							
G24q	18W							
AR-111/GU10								■
MR16/GU5.3			■	■	■	■	■	■
QPAR16/GU10			■	■		■	■	■
LED	Max.7/13W							
LED Zhaga	2000lm/3000lm							
Fijo/ Fixed		■	■	■	■	■		
Orientable/ Adjustable		■					■	■
IP20								
IP23				■	■		■	■
IP40								
IP44		■						
IP54			■					
IP65						■		
		■ (1)						

SQUARE DOWNLIGHTS

DOWNLIGHTS CUADRADOS
DOWNLIGHTS CARRÉS
ECKIGE DOWNLIGHTS
DOWNLIGHTS QUADRATI
DOWNLIGHTS QUADRADOS
КВАДРАТНЫЕ ВСТРАИВАЕМЫЕ СВЕТИЛЬНИКИ
KWADRATOWE OPRAWY TYPU DOWNLIGHT

MULTIDIR EVO	GES	DELTA COB	EQUAL	MINI FRAME	VITRO	FRAME	FIT / ECOFIT	BACO
								
P. 120	P. 82	P. 110	P. 142	P. 160	P. 166	P. 160	P. 156	P. 132
■								
	■	■						
■			■					
■				■				
					■			
				■				
						■		
■								
	■							
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			■					
	■							
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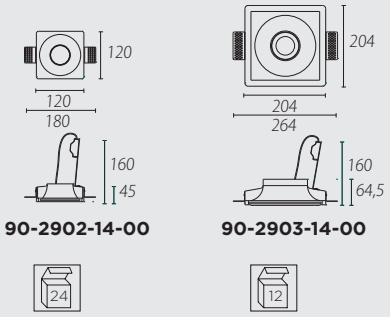
■	■							■
■					■			
				■		■		
				■		■		
■								
■								■
■								
		26/38W	Max. 39W				Max. 40W	
■			■					
	■		■	■		■	■	
■	■	■			■			■
					■			
■	■			■		■		■
		■					■	
			■	■		■		
■ (1)		■		■		■	■ (1)	■

(1) Sólo en algunas versiones / Only in some versions



GES

NEW



90-2902-14-00 **90-2903-14-00**

24 12

14 PLASTER

IP 23 RF 850°C 0,2m

p.858 p.873



9-15mm 125 x 125

QR-CBC51 / MR16

GU5.3

90-2902-14-00	□	max. 35W		12V	01-08



40° 40° 9-15mm 210 x 210

QR-CBC51 / MR16

GU5.3

90-2903-14-00	□	max. 50W		12V	01-08

Accesorios / Accessories / Accesoires / Zubehöre / Accessori / Acessórios / Аксессуары / Akcesoria



71-1881-00-00	Kit GU10		110V 240V

GES





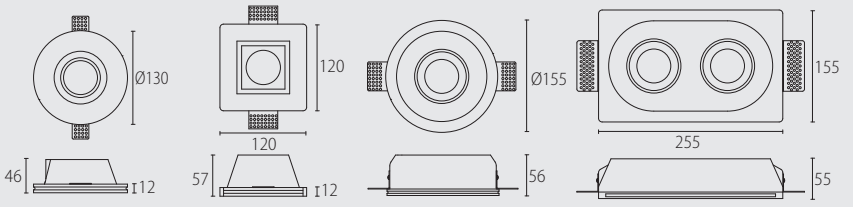






Se recomienda el uso de un sellador flexible para evitar posibles fisuras y/o la acumulación de suciedad.
It is recommended that a flexible sealant is used to prevent potential cracks and/or build-up of dirt.
Il est conseillé d'utiliser un produit d'étanchéité flexible pour éviter d'éventuelles fissures et/ou l'accumulation d'impuretés.
Es wird empfohlen, eine flexible Dichtung zu verwenden, um mögliche Risse und/oder die Ansammlung von Schmutz zu vermeiden.
Raccomandiamo l'uso di un collante flessibile onde evitare possibili crepature e/o l'accumulazione di sporcizia.
Recomenda-se que a junta de se faça com material flexível para evitar possíveis fissuras e/ou acumulação de sujidade.
Рекомендуется использовать мягкий герметик для избежания трещин и загрязнений.
Zaleca się użycie elastycznego środka uszczelniającego dla uniknięcia ewentualnych szczelin i/lub gromadzenia się brudu.

GES



90-1720-14-00 | **90-1722-14-00** | **90-1809-14-00** | **90-1813-14-00**

16 | 16 | 12 | 8



Ø 135

QR-CBC51 / MR16

GU5.3

90-1720-14-00	□	max. 35W		12V	01-08



125 x 125

QR-CBC51 / MR16

GU5.3

90-1722-14-00	□	max. 35W		12V	01-08



40° 40° 9-15mm Ø 160

QR-CBC51 / MR16

GU5.3

90-1809-14-00	□	max. 50W		12V	01-08



40° 40° 9-15mm 260 x 160

QR-CBC51 / MR16

GU5.3

90-1813-14-00	□	max. 50W		12V	01-08

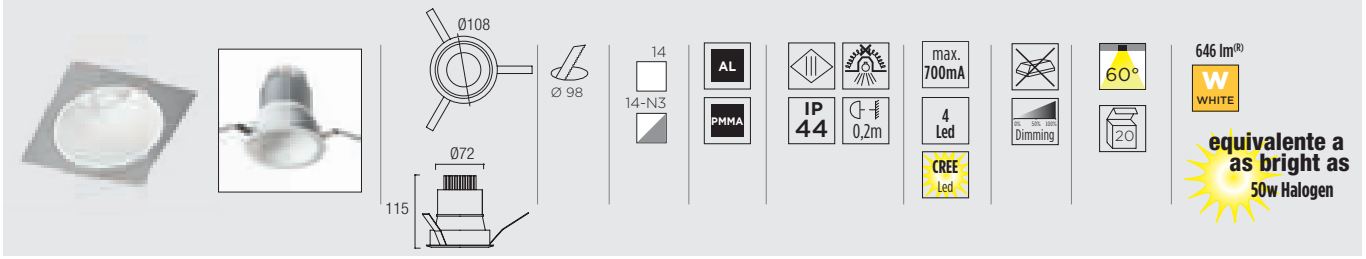
Accesorios / Accessories / Accesoires / Zubehöre / Accessori / Acessórios / Аксессуары / Akcesoria



71-1881-00-00	Kit GU10		110V 240V



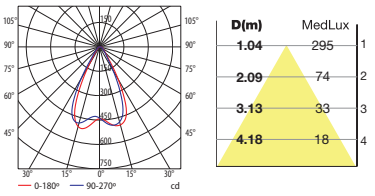
VISION

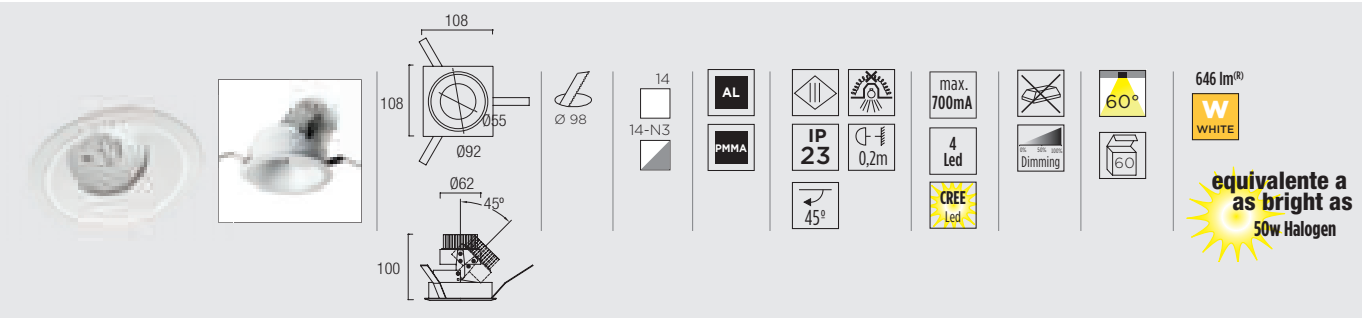


LED

90-3475-14-14	□	◎	Warm W 3000K	max. 8,8W	
90-3476-14-14	□	▢			
90-3476-14-N3	◪	▢			

LED Blanco cálido / Warm white 700mA

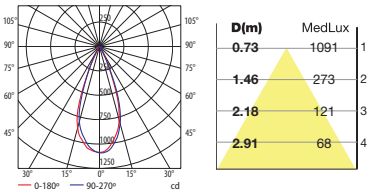




LED

90-3477-14-14	□	◎	Warm W 3000K	max. 8,8W	
90-3478-14-14	□	▢			
90-3478-14-N3	◪	▢			

LED Blanco cálido / Warm white 700mA



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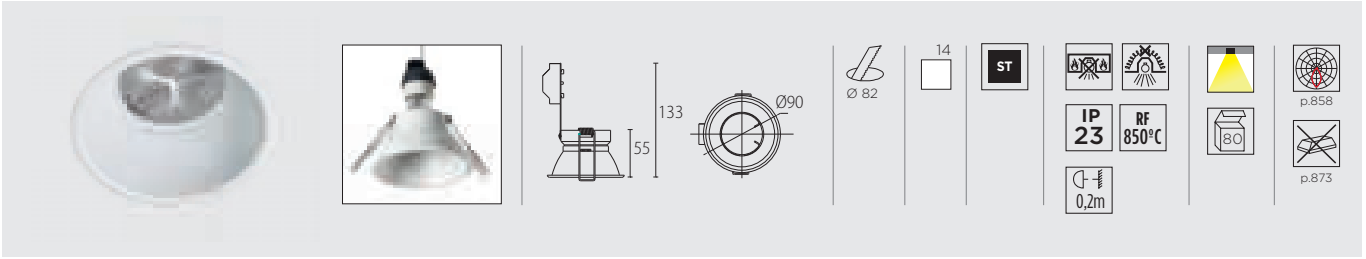
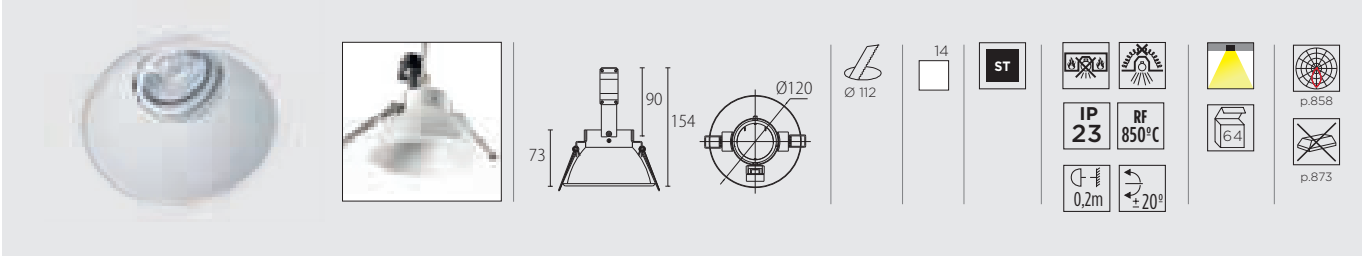
DOME



QR-CBC51 / MR16 GU5.3

QPAR-16 GU10

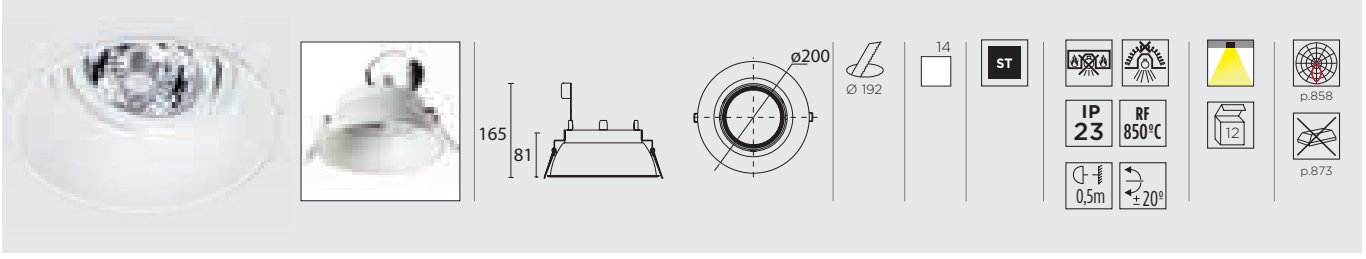
DN-1600-14-00	□	QR-CBC51 / MR16	max.50W		12V		1-8
		QPAR-16		-	110V 240V	□	21



QR-CBC51 / MR16 GU5.3

QPAR-16 GU10

DN-1601-14-00	□	QR-CBC51 / MR16	max.50W		12V		1-8
		QPAR-16		-	110V 240V	□	21



QR-111 / AR-111

G53

DN-1602-14-00	□	max.100W		12V	9-14 / 22-25

CDM-R111

GX8.5

DN-1603-14-00	□	max.70W		-	15-20

AR-111

GU10

DN-1651-14-00	□	-	-	110V 240V	22-25

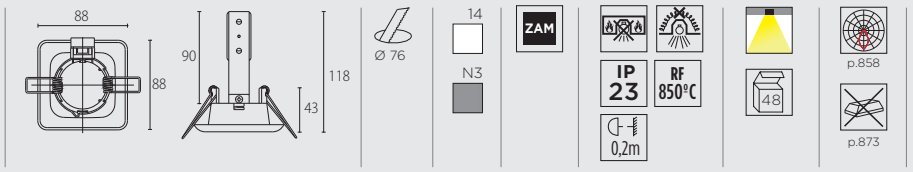
Accesorios / Accessories / Accesoires / Zubehöre / Accessori / Acessórios / Аксессуары / Akcesoria

●	**ACT-9131-11-00**	QR-111	●	**ACT-9131-25-00**	QR-111
●	**ACT-9131-08-00**	QR-111	●	**ACT-9131-24-00**	QR-111



MINI EVOLUTION





QR-CBC51 / MR16

GU5.3

QPAR-16

GU10

DM-1107-14-00	□	QR-CBC51 / MR16	max.50W		12V		1-8
		QPAR-16		-	110V 240V	□	21
DM-1107-N3-00	■	QR-CBC51 / MR16			12V		1-8
		QPAR-16		-	110V 240V	□	21



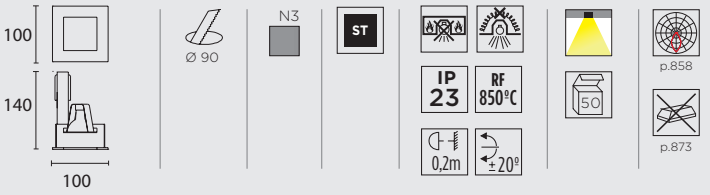


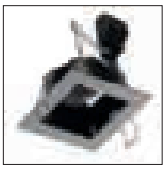




MINI







QR-CBC51 / MR16

GU5.3

(max. H=60 mm)

QR-CBC51 ≤35W

DM-1105-N3-00	■	max.50W		12V	1-8

QPAR-16

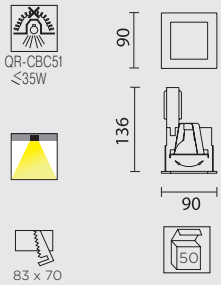
GU10

(max. H=57 mm)

DM-1106-N3-00	■	max.50W	-	110V 240V	21







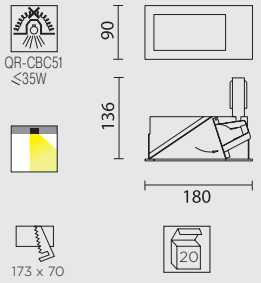
QR-CBC51 / MR16

GU5.3

(max. H=60 mm)

DM-0048-N3-00	■	max.50W			1-8





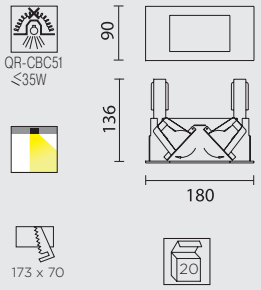
QR-CBC51 / MR16

GU5.3

(max. H=60 mm)

DM-0049-N3-00	■	max.50W			1-8





QR-CBC51 / MR16

GU5.3

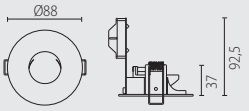
(max. H=60 mm)

DM-0050-N3-00	■	2 x max.50W			1-8

PAT







Ø 74 | 14 | S2 | AL | IP 23 | RF 850°C | 0,2m | 40° | 100 | p.873

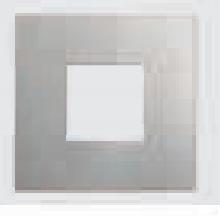
QR-CBC51 / MR16

GU5.3

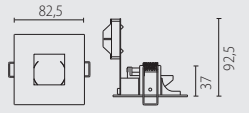
QPAR-16

GU10

DN-1695-14-00 □	QR-CBC51 / MR16	max.50W	⊘	12V	⧫
	QPAR-16		-	110V 240V	□
DN-1695-S2-00 ▣	QR-CBC51 / MR16		⊘	12V	⧫
	QPAR-16		-	110V 240V	□







Ø 74 | 14 | S2 | AL | IP 23 | RF 850°C | 0,2m | 40° | 80 | p.873

QR-CBC51 / MR16

GU5.3

QPAR-16

GU10

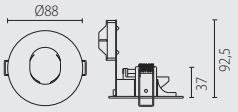
DN-1696-14-00 □	QR-CBC51 / MR16	max.50W	⊘	12V	⧫
	QPAR-16		-	110V 240V	□
DN-1696-S2-00 ▣	QR-CBC51 / MR16		⊘	12V	⧫
	QPAR-16		-	110V 240V	□



PAT







Ø 74 | 14 | S2 | AL | IP 23 | RF 850°C | 0,2m | 40° | 80 | p.873

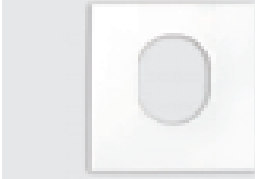
QR-CBC51 / MR16

GU5.3

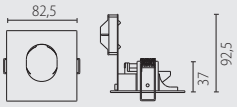
QPAR-16

GU10

DN-1697-14-00 □	QR-CBC51 / MR16	max.50W		12V	
	QPAR-16		-	110V 240V	□
DN-1697-S2-00 ▥	QR-CBC51 / MR16			12V	
	QPAR-16		-	110V 240V	□







Ø 74 | 14 | S2 | AL | IP 23 | RF 850°C | 0,2m | 40° | 80 | p.873

QR-CBC51 / MR16

GU5.3

QPAR-16

GU10

DN-1698-14-00 □	QR-CBC51 / MR16	max.50W		12V	
	QPAR-16		-	110V 240V	□
DN-1698-S2-00 ▥	QR-CBC51 / MR16			12V	
	QPAR-16		-	110V 240V	□





TOP

BASIC SOLUTION





Ø 80

14

AL

PC

IP 44

0,2m

BRIDGELUX Led

100-240 VAC

42°

10

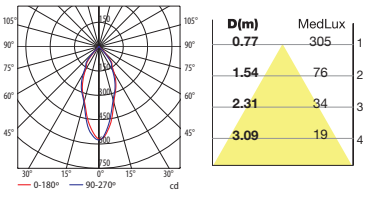
600 lm(R)

W WHITE

LED

	90-1782-14-37	□	Warm W 3000K	5,5W	ON / OFF

LED Blanco cálido / Warm white









PLAY

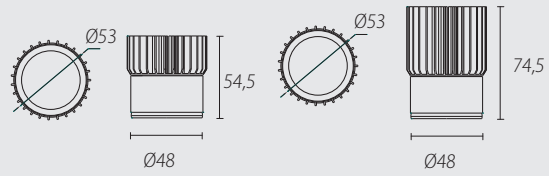






PLAY

NEW



14
N3

AL
PC

IP 44
0,2m

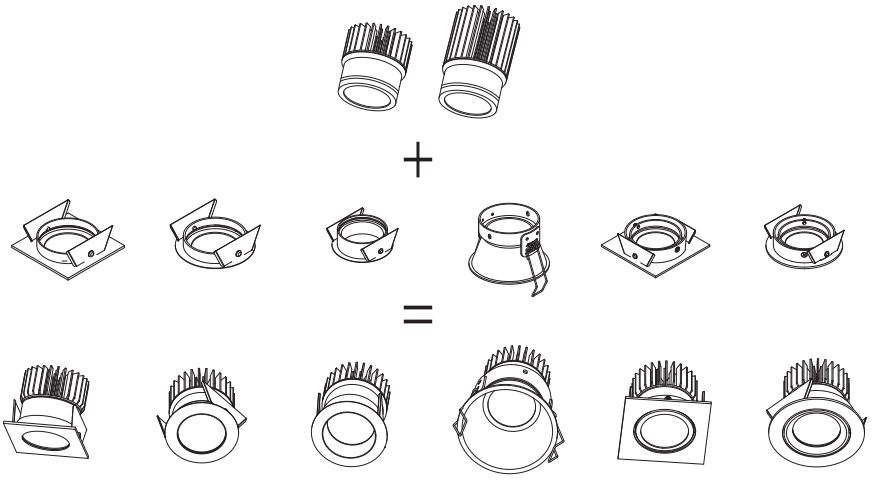
CREE Led

40°
50

540 lm®
W WHITE
7W

1160 lm®
W WHITE
13W

3 YEAR WARRANTY
3 AÑOS GARANTÍA





LED

71-2909-14-37	□	Warm W 3000K	7W	E 220V 240V



LED

71-3225-14-37	□	Warm W 3000K	1 Led	max. 700mA	max.7W

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LED

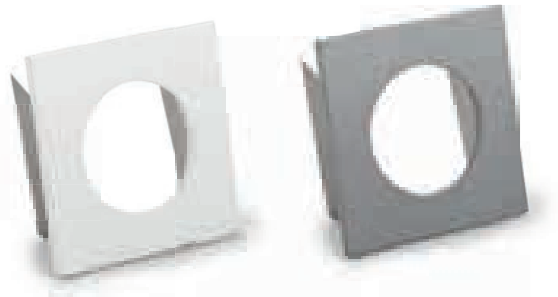
71-3226-14-37	□	Warm W 3000K	13W	E 100V 240V

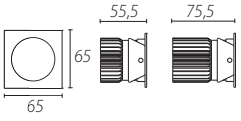




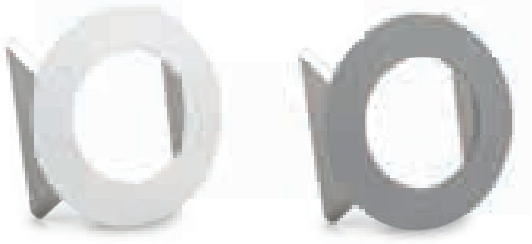
15° 10	71-3283-00-00
28° 10	71-3284-00-00

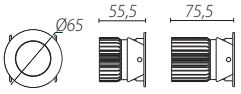
Accesorios necesarios / Accessories required / Accesoires nécessaires / Zubehöre Notwendig / Accessori necessari / Acessórios necessàrios / Необходимые / Akcesoria Konieczne



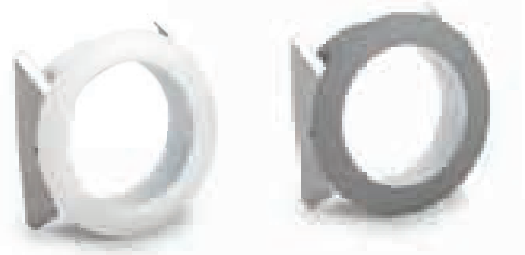


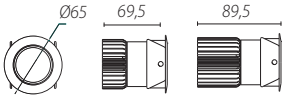
Ø 58	**71-2910-14-00** ☐	**71-2910-N3-00** ■





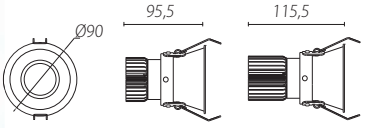
Ø 58	**71-2911-14-00** ☐	**71-2911-N3-00** ■



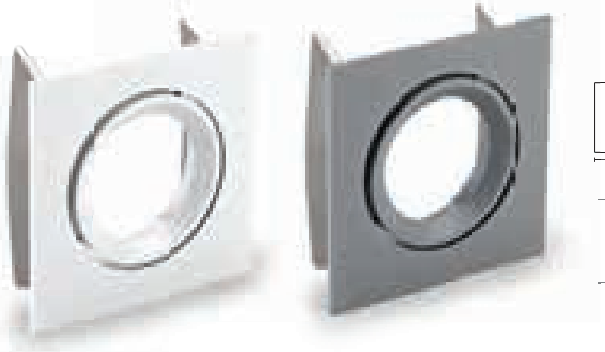


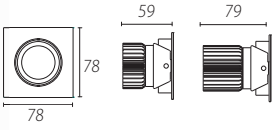
Ø 58	**71-2912-14-00** ☐	**71-2912-N3-00** ■



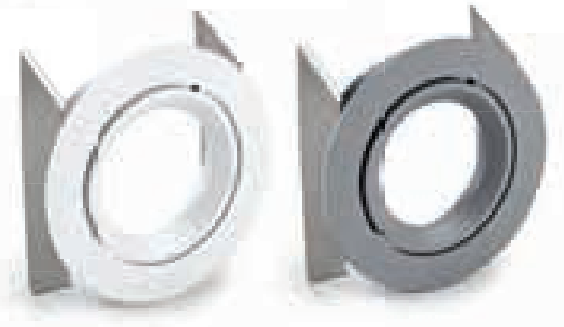


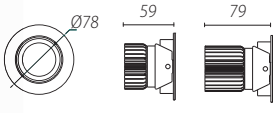
Ø 76	**71-2913-14-00** ☐





Ø 68 ±20º	**71-2914-14-00** ☐	**71-2914-N3-00** ■



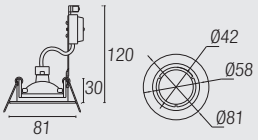


Ø 68 ±20º	**71-2915-14-00** ☐	**71-2915-N3-00** ■

TRIMIUM MINI



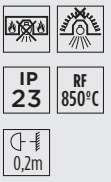
















QR-CBC51 / MR16

GU5.3

QR-CBC51
≤35W

DN-0522-14-00 □	max.50W		12V	1-8
DN-0522-N3-00 ■				
DN-0522-S2-00 ▣				

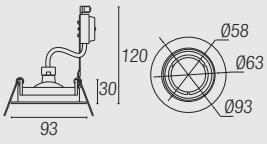
QPAR-16

GU10

DN-0525-14-00 □	max.50W	-	110V 240V	21
DN-0525-S2-00 ▣				



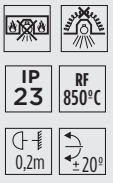
















QR-CBC51 / MR16

GU5.3

QR-CBC51
≤35W

DN-0521-14-00 □	max.50W		12V	1-8
DN-0521-N3-00 ■				
DN-0521-S2-00 ▣				

QPAR-16

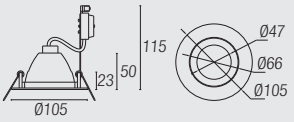
GU10

DN-0526-14-00 □	max.50W	-	110V 240V	21
DN-0526-S2-00 ▣				

TRIMIUM MINI







Ø 93

14
N3
S2

AL

IP 23
RF 850°C
0,2m
40°
355°

100

p.858
p.873

QR-CBC51 / MR16

GU5.3

(max. H=50 mm)

355°

QR-CBC51 ≤35W

DN-0520-14-00 ☐ **DN-0520-N3-00** ■ **DN-0520-S2-00** ▣	max.50W		12V	1-8

QPAR-16

GU10

(max. H=57 mm)

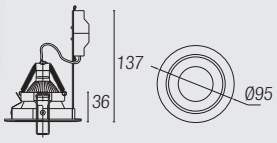
355°

Ø 90

DN-0527-14-00(S) ☐ **DN-0527-S2-00(S)** ▣	max.50W	-	110V 240V	21







Ø 85

14
N3

AL

IP 23
RF 850°C
0,2m

36

p.858
p.873

QR-CBC51 / MR16

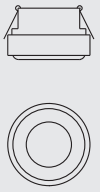
GU5.3

QR-CBC51 ≤35W

DN-0610-14-00 ☐ **DN-0610-N3-00** ■	max.50W		12V	1-8

EIS





Ø 62

21

ST

GLA

IP 54

RF 850°C

0,5m

10

p.858

p.873

QR-CBC51 / MR16

GU5.3

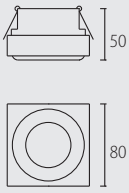
90-1689-21-37

max.50W

12V

1-8





Ø 62

21

ST

GLA

IP 54

RF 850°C

0,5m

10

p.858

p.873

QR-CBC51 / MR16

GU5.3

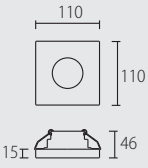
90-1690-21-37

max.50W

12V

1-8





Ø 72

21

ST

GLA

IP 54

RF 850°C

0,5m

10

p.858

p.873

QR-CBC51 / MR16

GU5.3

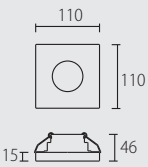
90-1792-21-37

max.50W

12V

1-8





Ø 72

21

ST

GLA

IP 54

RF 850°C

0,5m

10

p.858

p.873

QR-CBC51 / MR16

GU5.3

90-1789-21-37

max.50W

12V

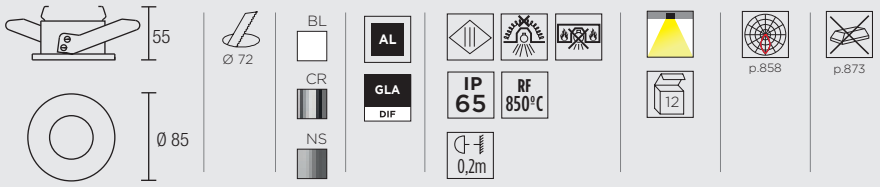
1-8

Accesorios / Accessories / Accesoires / Zubehöre / Accessori / Acessórios / Аксессуары / Akcesoria

71-4396-00-00	Kit GU10

SPLIT





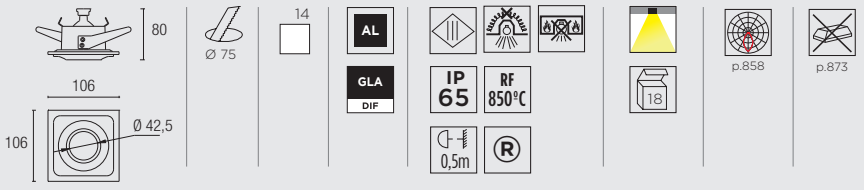
QR-CBC51 / MR16

GU5.3

320-BL	max.50W		12V	1-8
320-CR				
320-NS				

FÓRMULA





QR-CBC51 / MR16

GU5.3

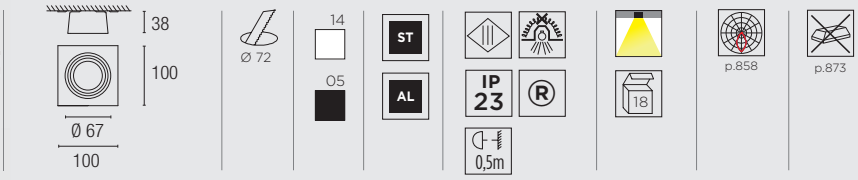
90-4349-14-B9	max.50W		12V	1-8

Accesorios / Accessories / Accesoires / Zubehöre / Accessori / Acessórios / Акссссуары / Akcesoria

71-4396-00-00	Kit GU10

ZOE





QR-CBC51 / MR16

GU5.3

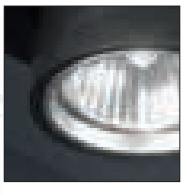
(max. H=50 mm)

90-4350-05-05	max.50W		12V	1-8
90-4350-14-14				





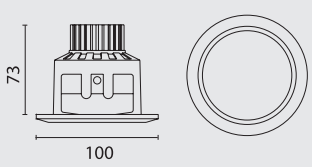




2 aros de colores incluidos
2 coloured rings included
2 anneaux de couleur fournis
2 farbigeRinge inklusive
2 anelli colorati inclusi
2 aros coloridos incluídos
В комплект входят 2 цветных кольца
Obręcze w 2 kolorach w komplecie

TRIMIUM S100





Ø 85

14
N3
S2

AL
GLA
DIF

RF
850°C
IP
54
0,2m

50

p.858
p.873

QR-CBC51 / MR16

GU5.3

(max. H=60 mm)

QR-CBC51
⩽35W

DN-1003-14-B9	□	max.50W		12V	1-8
DN-1003-N3-B9	■				
DN-1003-S2-B9	◨				

QPAR-16

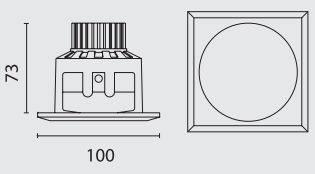
GU10

(max. H=57 mm)

DN-1012-14-B9	□	max.50W	-	110V 240V	21
DN-1012-S2-B9	◨				







Ø 85

14
N3
S2

AL
GLA
DIF

RF
850°C
IP
54
0,2m

50

p.858
p.873

QR-CBC51 / MR16

GU5.3

(max. H=60 mm)

QR-CBC51
⩽35W

DN-1009-14-B9	□	max.50W		12V	1-8
DN-1009-N3-B9	■				
DN-1009-S2-B9	◨				

QPAR-16

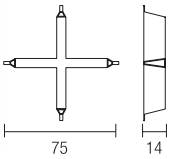
GU10

(max. H=57 mm)

DN-1016-14-B9	□	max.50W	-	110V 240V	21
DN-1016-S2-B9	◨				

Accesorios / Accessories / Accesoires / Zubehöre / Accessori / Acessórios / Аксессуары / Akcesoria





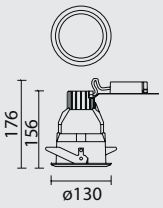
ACT-0294-00-00

Cruz de baja luminancia
Low luminance cross louvre
Dispositif anti-éblouissement
Niedrigleucht-Kreuz
Croce di bassa luminanza
Dispositivo anti-encandeamento
Крестообразное противоослепляющее приспособление
Raster krzyżowy o niskiej luminancji

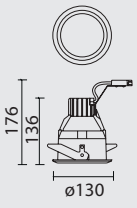
TRIMIUM S130





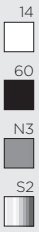


DN-1640



DN-1641







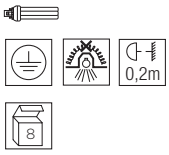




p.873

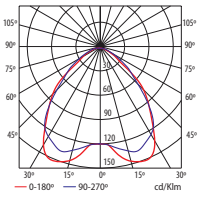
TC-TEL

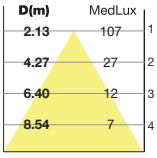
GX24q-3



DN-1640-14-T2	☐	1x26W	E	230V	95°
DN-1640-60-T2	■				
DN-1640-N3-T2	▒				
DN-1640-S2-T2	▥				

TC-TEL GX24q-3 1x26W

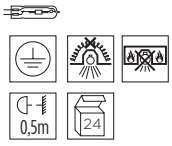




η=35%

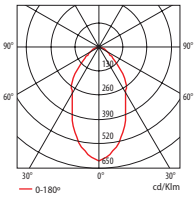
HIT-TC

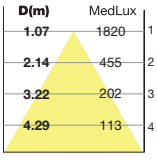
G8.5



DN-1641-14-T2	☐	max.70W		-	60°
DN-1641-60-T2	■				
DN-1641-N3-T2	▒				
DN-1641-S2-T2	▥				

HIT-TC G8.5 70W

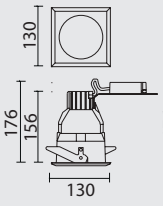




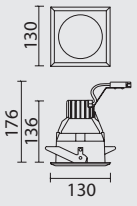
η=58%





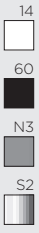


DN-1643



DN-1644







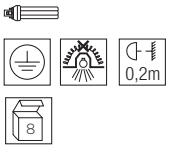




p.873

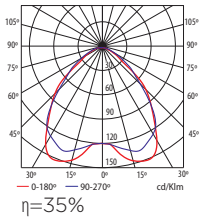
TC-TEL

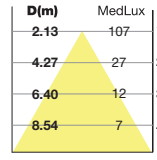
GX24q-3



DN-1643-14-T2	☐	1x26W	E	230V	95°
DN-1643-60-T2	■				
DN-1643-N3-T2	▒				
DN-1643-S2-T2	▥				

TC-TEL GX24q-3 1x26W





η=35%

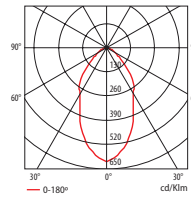
HIT-TC

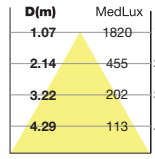
G8.5



DN-1644-14-T2	☐	max.70W		-	60°
DN-1644-60-T2	■				
DN-1644-N3-T2	▒				
DN-1644-S2-T2	▥				

HIT-TC G8.5 70W



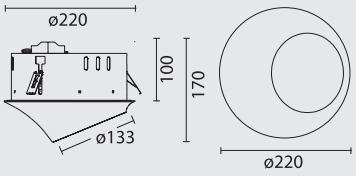


η=58%

CAMALEON







Ø 200

14

J2

AL

IP 23

RF 850ºC

0,5m

355º

50º

8

p.858

p.873

QR-111 / AR-111

G53

(max. H=100 mm)

DN-1302-14-00 □	max. 100W		12V	09-14 / 22-25
DN-1302-J2-00 (S) ▥				

CDM-R111

GX8.5

DN-1305-14-00 □	max. 70W		-	15-20
DN-1305-J2-00 (S) ▥				

AR-111

GU10

(max. H=100 mm)

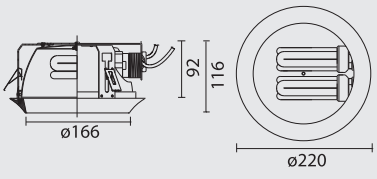
DN-1650-14-00 □	-	-	110V 240V	22-25
DN-1650-J2-00 (S) ▥				

Accesorios / Accessories / Accesoires / Zubehöre / Accessori / Acessórios / Аксессуары / Akcesoria

●	**ACT-9131-11-00**	QR-111	●	**ACT-9131-25-00**	QR-111
●	**ACT-9131-08-00**	QR-111	●	**ACT-9131-24-00**	QR-111







Ø 200

14

J2

AL

IP 23

RF 850ºC

230V

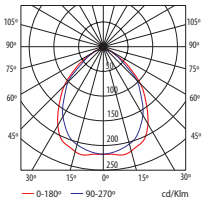
0,2m

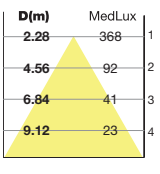
TC-TEL

GX24q-3

DN-1301-14-00 (S) □	2x26/32W		
DN-1301-J2-00 (S) ▥			

TC-TEL GX24q-3



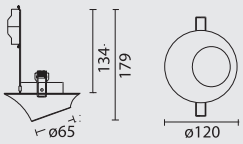


η=50%

CAMALEON







Ø 80

14

J2

AL

IP 23

RF 850°C

0,2m

8

p.858

p.873

QR-CBC51 / MR16

GU5.3

60°

(max. H=60 mm)

QPAR-16

GU10

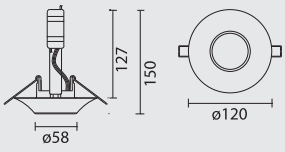
30°

(max. H=57 mm)

DN-1304-14-00 ☐	QR-CBC51 / MR16	max.50W	⊠	12V	◈	1-8	
	QPAR-16		-	110V 240V	☐	21	
DN-1304-J2-00 (S) ▮	QR-CBC51 / MR16	max.50W	⊠	12V	◈	1-8	
	QPAR-16		-	110V 240V	☐	21	







Ø 80

14

J2

AL

IP 23

RF 850°C

0,2m

12

p.858

p.873

QR-CBC51 / MR16

GU5.3

QPAR-16

GU10

DN-1303-14-00 ☐	QR-CBC51 / MR16	max.50W	⊠	12V	◈	1-8	
	QPAR-16		-	110V 240V	☐	21	
DN-1303-J2-00 (S) ▮	QR-CBC51 / MR16	max.50W	⊠	12V	◈	1-8	
	QPAR-16		-	110V 240V	☐	21	

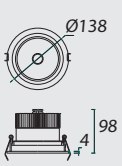


DELTA COB

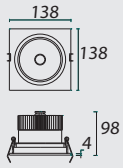


DELTA COB

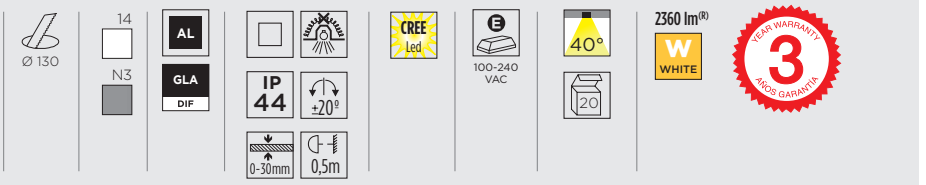
NEW



90-3242



90-3243





LED

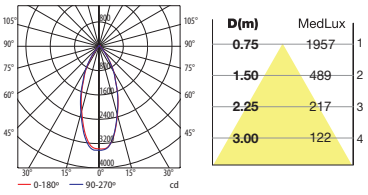
90-3242-14-37	☐	Warm W 3000K	26W	E
90-3242-N3-37	■			



LED

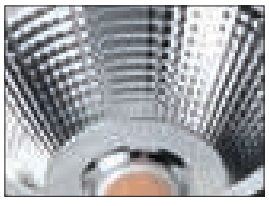
90-3243-14-37	☐	Warm W 3000K	26W	E
90-3243-N3-37	■			

LED Blanco cálido / Warm white 40º - 26W



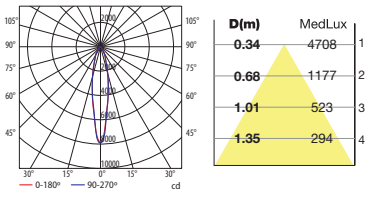


Accesorios / Accessories / Accesoires / Zubehöre / Accessori / Acessórios / Аксессуары / Akcesoria



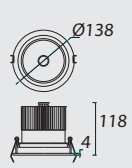
71-2918-00-00

LED Blanco cálido / Warm white 20º - 26W

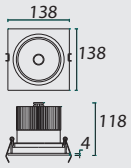


DELTA COB

NEW



90-3240



90-3241

Ø 130 | 14 | N3 | AL | GLA | DIF | IP 44 | ±20º | 0-30mm | 0,5m | CREE Led | 100-240 VAC | 40º | 12 | 3520 lm(R) W WHITE | 3 YEAR WARRANTY AÑOS GARANTÍA



LED

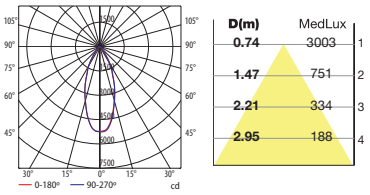
90-3240-14-37 ☐	Warm W 3000K	38W	E
90-3240-N3-37 ■			



LED

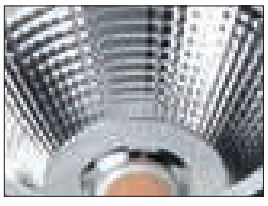
90-3241-14-37 ☐	Warm W 3000K	38W	E
90-3241-N3-37 ■			

LED Blanco cálido / Warm white 40º - 38W



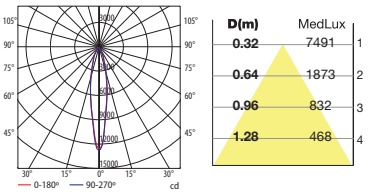


Accesorios / Accessories / Accesoires / Zubehöre / Accessori / Acessórios / Акссссуары / Akcesoria

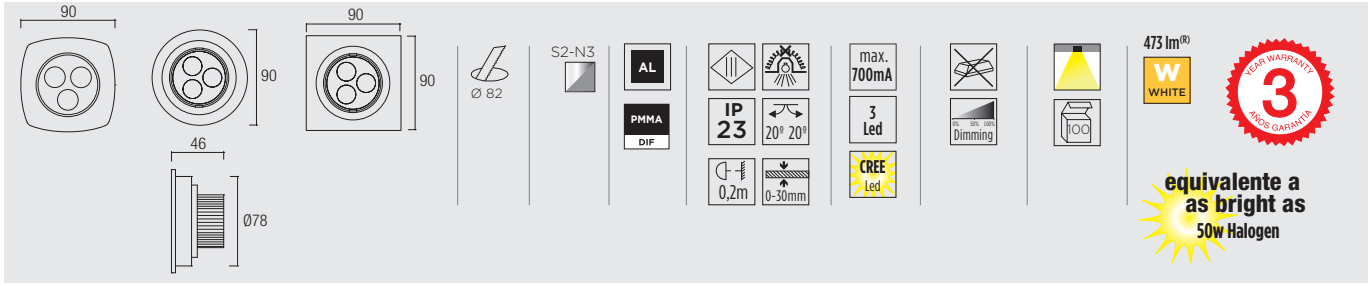


71-2918-00-00 | 20º | IOC

LED Blanco cálido / Warm white 20º - 38W



DELTA 3





LED

90-1923-S2-N3	15°	Warm W 3000K	max. 6,6W		
90-1884-S2-N3	40°				



LED

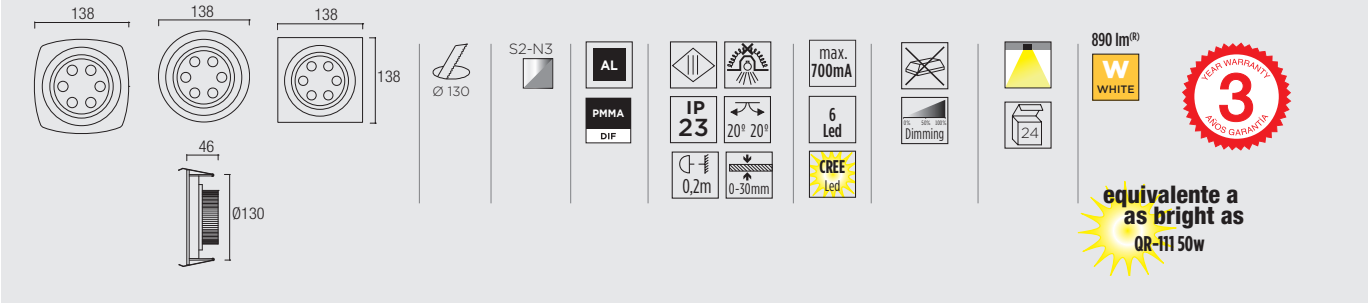
90-1924-S2-N3	15°	Warm W 3000K	max. 6,6W		
90-1895-S2-N3	40°				



LED

90-1925-S2-N3	15°	Warm W 3000K	max. 6,6W		
90-1914-S2-N3	40°				

DELTA 6





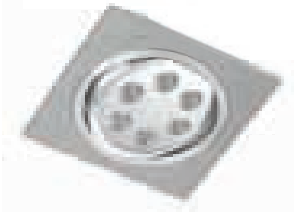
LED

90-1888-S2-N3	40°	Warm W 3000K	max. 13,2		



LED

90-1898-S2-N3	40°	Warm W 3000K	max. 13,2		

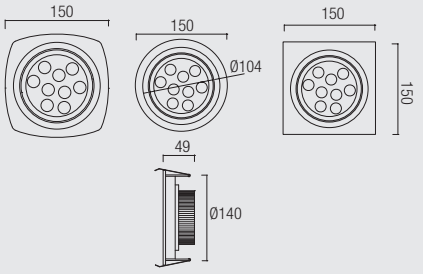


LED

90-1921-S2-N3	40°	Warm W 3000K	max. 13,2		

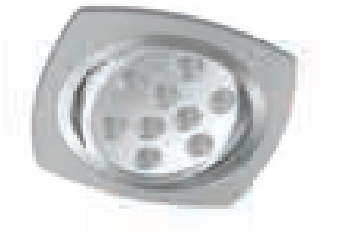
Unidades eléctricas / Electrical Units / Platines électriques / Netzteile / Unitá Elettriche / Unidades elétricas / Электрооборудование / Części elektryczne	862-869

DELTA 9



Ø 140 | S2-N3 | AL | PMMA DIF | IP 23 | 20° 20° | 0,2m | 0-30mm | max. 700mA | 9 Led | CREE Led | Dimming | 24 | 1432 lm(R) | W WHITE | 3 YEAR WARRANTY 3 ANOS GARANTIA

equivalente a
as bright as
QR-111 100w



LED

90-1893-S2-N3		40°	Warm W 3000K	max. 19,8W	



LED

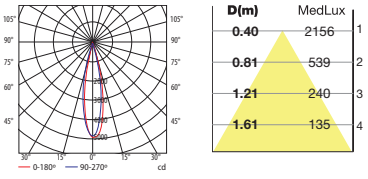
90-1902-S2-N3		40°	Warm W 3000K	max. 19,8W	



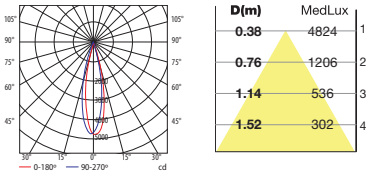
LED

90-1922-S2-N3		40°	Warm W 3000K	max. 19,8W	

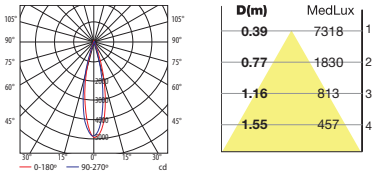
DELTA 3
LED Blanco cálido / Warm white 700 mA



DELTA 6
LED Blanco cálido / Warm white 700 mA



DELTA 9
LED Blanco cálido / Warm white 700 mA











Unidades eléctricas / Electrical Units / Platines électriques / Netzteile / Unitá Elettriche / Unidades elétricas / Электрооборудование / Części elektryczne	**862-869**

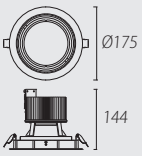


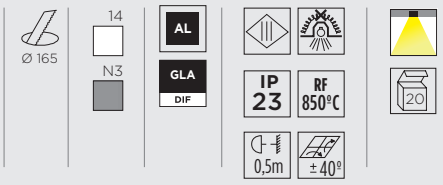
CARDEX C LED

NEW









LED

Estándar
Zhaga /
Zhaga
Standard

90-3291-14-37 ☐	2000 lm(N)	3000K	CRI>80	12º	26W	E 220V 240V
90-3291-N3-37 ■				24º		
90-3292-14-37 ☐				38º		
90-3292-N3-37 ■						
90-3293-14-37 ☐				12º	24W	
90-3293-N3-37 ■		4000K		24º		
90-3294-14-37 ☐				38º		
90-3294-N3-37 ■						
90-3295-14-37 ☐				12º	23W	
90-3295-N3-37 ■		3000K	CRI>90	24º		
90-3296-14-37 ☐				38º		
90-3296-N3-37 ■						
90-3297-14-37 ☐				12º	28W	
90-3297-N3-37 ■	3000 lm(N)	3000K	CRI>80	24º		
90-3298-14-37 ☐				38º		
90-3298-N3-37 ■						
90-3299-14-37 ☐				12º	26W	
90-3299-N3-37 ■		4000K		24º		
90-3501-14-37 ☐				38º		
90-3501-N3-37 ■						
90-3502-14-37 ☐				12º	33W	
90-3502-N3-37 ■		3000K	CRI>90	24º		
90-3503-14-37 ☐				38º		
90-3503-N3-37 ■						
90-3504-14-37 ☐						
90-3504-N3-37 ■						
90-3505-14-37 ☐						
90-3505-N3-37 ■						
90-3506-14-37 ☐						
90-3506-N3-37 ■						
90-3507-14-37 ☐						
90-3507-N3-37 ■						
90-3508-14-37 ☐						
90-3508-N3-37 ■						
90-3509-14-37 ☐						
90-3509-N3-37 ■						

Equipos / Gears / Dispositifs / Treiber / Dispositivi / Equipamentos / Устройства / Osprzęt

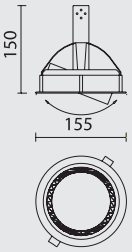


71-2476-00-00	1 driver = **1 Cardex C Led**	Driver ON / OFF 220-240 VAC	32 x 46 x 190 mm

CARDEX C







Ø 142

14
N3

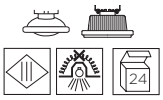
AL
GLA
DIF

IP 23
RF 850°C
0,5m
± 40º

p.858
p.873

QR-111 / AR-111

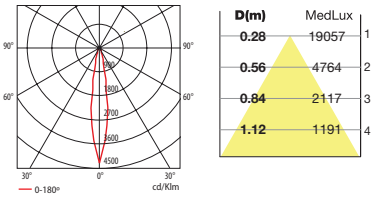
G53



(max. H=77 mm)

DN-0270-14-00	□	max.100W		12V	9-14/22-25
DN-0270-N3-00	■				

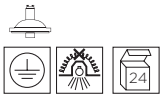
HIT-T G12 70W 10°



η=67%

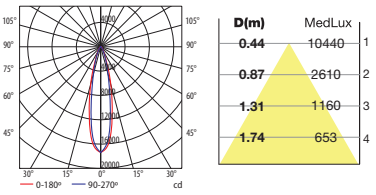
CDM-R111

GX8.5



DN-0275-14-00	□	max.70W		-	15-20
DN-0275-N3-00	■				

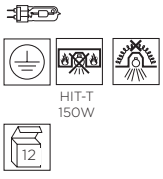
HIT-T G12 70W 24°



η=64%

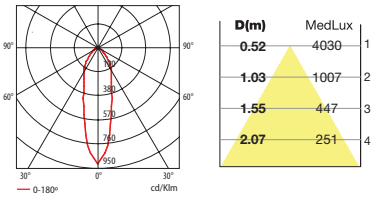
HIT-T

G12



DN-0274-14-00	□	max.150W		-	10°
DN-0274-N3-00	■				
DN-1653-14-00	□				24°
DN-1653-N3-00	■				
DN-0273-14-00	□				45°
DN-0273-N3-00	■				

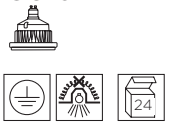
HIT-T G12 70W 45°



η=59%

AR-111

GU10



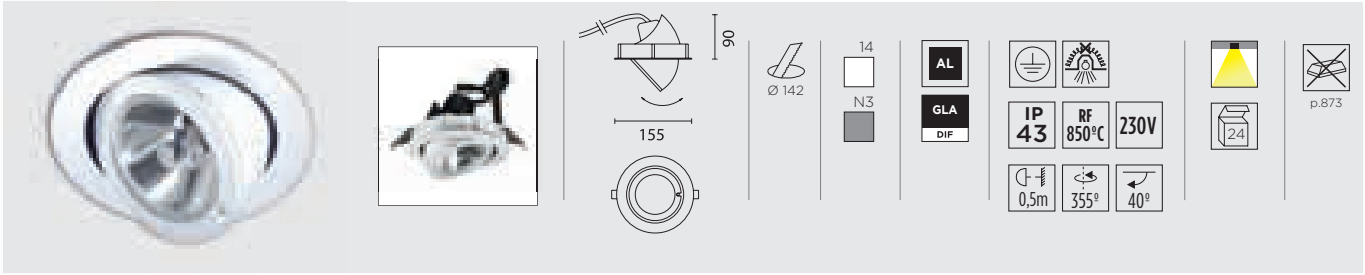
(max. H=100 mm)

DN-1652-14-00	□	-	-	110V 240V	22-25
DN-1652-N3-00	■				

Accesorios / Accessories / Accesoires / Zubehöre / Accessori / Acessórios / Аксессуары / Akcesoria

ACT-0451-00-00	HIT-T	**ACT-0454-00-00**	HIT-T
	LED		LED
ACT-9131-11-00	QR-111	**ACT-9131-25-00**	QR-111
ACT-0452-00-00	HIT-T	**ACT-0453-00-00**	HIT-T
	LED		LED
ACT-9131-08-00	QR-111	**ACT-9131-24-00**	QR-111
		ACT-9180-60-00	HIT-T
			LED

CARDEX E

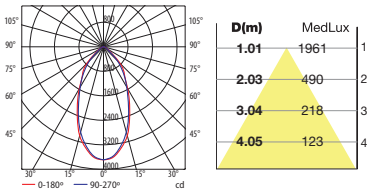


HIT-TC

G8.5

DN-0269-14-00 ☐ DN-0269-N3-00 ■	max. 70W		55°

HIT-TC G8.5 70W



Placas de montaje decorativo / Mounting decorative plates / Plaques de montage décoratives / Dekorative Montagetafeln / Placche di montaggio decorativo / Placas de montagem decorativas / Панели для декоративного монтажа / Dekoracyjne płyty montażowe (CARDEX C /CARDEX E)

AL ST



187 / 187 — 170 x 170 mm

ACT-0065-14-00 ☐
ACT-0065-N3-00 ■



187 / 353 — 170 x 337 mm

ACT-0066-14-00 ☐
ACT-0066-N3-00 ■



187 / 520 — 170 x 503 mm

ACT-0067-14-00 ☐
ACT-0067-N3-00 ■



353 / 353 — 337 x 337 mm

ACT-0068-14-00 ☐
ACT-0068-N3-00 ■



AMICHI STORE. MADRID, SPAIN



MULTIDIR EVO



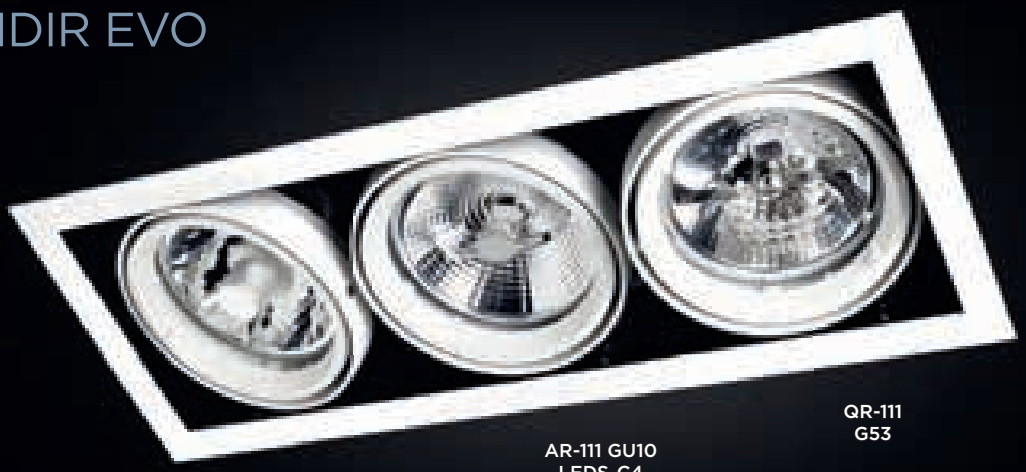
POSITION 1

POSITION 2

POSITION 3

POSITION 4

MULTIDIR EVO



CDM-R111
GX8.5

AR-111 GU10
LEDS-C4

QR-111
G53



LED
Estándar Zhaga
Zhaga Standard

HIT-TC
G8.5



QR-CBC51
GU5.3

QPAR-16



MULTIDIR EVO L

NEW



AL / GLA / DIF — RF 850ºC — 0,5m — 10 — p.858 — p.873



LED

Estándar
Zhaga / Zhaga
Standard

71-2965-00-37	2000 lm(N)	3000K	CRI>80	12º	26W	220V 240V
71-2966-00-37				24º		
71-2967-00-37				38º		
71-2968-00-37		4000K		12º	24W	
71-2969-00-37				24º		
71-2970-00-37				38º		
71-3515-00-37		3000K	CRI>90	12º	23W	
71-3516-00-37				24º		
71-3517-00-37				38º		
71-2971-00-37	3000 lm(N)	3000K	CRI>80	12º	28W	
71-2972-00-37				24º		
71-2973-00-37				38º		
71-2974-00-37		4000K		12º	26W	
71-2975-00-37				24º		
71-2976-00-37				38º		
71-3518-00-37		3000K	CRI>90	12º	33W	
71-3519-00-37				24º		
71-3520-00-37				38º		

Equipos / Gears / Dispositifs / Treiber / Dispositivi / Equipamentos / Устройства / Osprzęt



71-2476-00-00	1 driver = **1 Multidir Evo LED**	Driver ON / OFF 220-240 VAC	32 x 46 x 190 mm



HIT-TC

G8.5

71-2963-00-37	max. 70W		–	10º
71-3224-00-37				24º
71-2964-00-37				45º



QR-111 / AR-111

G53

71-2956-00-00	max.100W		12V	9-14/22-25



CDM-R111

GX8.5

71-2955-00-00	max.70W		-	15-20



AR-111

GU10

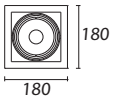
71-2954-00-00	–		110V 240V	22-25



MULTIDIR EVO L TRIM



8

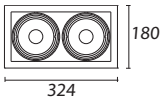




71-2948-14-00	□
71-2948-N3-00	■
71-2948-60-00	■



6

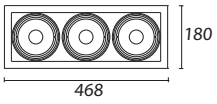




71-2949-14-00	□
71-2949-N3-00	■
71-2949-60-00	■



4



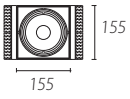


71-2950-14-00	□
71-2950-N3-00	■
71-2950-60-00	■

MULTIDIR EVO L TRIMLESS



8

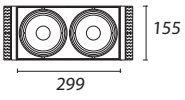




71-2951-14-00	□
71-2951-60-00	■



6

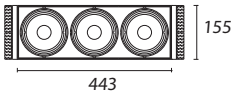




71-2952-14-00	□
71-2952-60-00	■



4





71-2953-14-00	□
71-2953-60-00	■

Accesorios / Accessories / Accesoires / Zubehöre / Accessori / Acessórios / Аксессуары / Akcesoria

ACT-0451-00-00	HIT-TC	
	LED	
ACT-9131-11-00	QR-111	

ACT-0452-00-00	HIT-TC	
	LED	
ACT-9131-08-00	QR-111	

ACT-0454-00-00	HIT-TC	
	LED	
ACT-9131-25-00	QR-111	

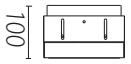
ACT-0453-00-00	HIT-TC	
	LED	
ACT-9131-24-00	QR-111	

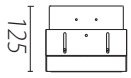
ACT-9180-60-00	HIT-TC	
	LED	

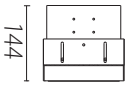
MULTIDIR EVO L

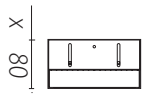








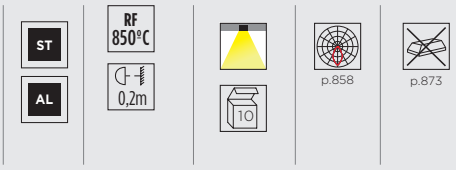




MULTIDIR EVO L			POSITION 1	POSITION 2	POSITION 3	POSITION 4
71-2954-00-00	GU10	ACT-FLL-011, 013, 015, 017, 030, 031, 032, 033	X	✔ H max. 80mm	✔ H max. 100mm	✔
71-2955-00-00	GX8,5	-	X	✔	✔	✔
71-2956-00-00	G53	-	✔ H max. 77mm	✔ H max. 102mm	✔ H max. 122mm	✔
71-2963-00-37	G8.5	-	X	✔	✔	✔
71-3224-00-37						
71-2964-00-37						
71-2965-00-37	LED ZHAGA	-	X	X	✔	✔
71-2966-00-37						
71-2967-00-37						
71-2968-00-37						
71-2969-00-37						
71-2970-00-37						
71-3515-00-37						
71-3516-00-37						
71-3517-00-37						
71-2971-00-37						
71-2972-00-37						
71-2973-00-37						
71-2974-00-37						
71-2975-00-37						
71-2976-00-37						
71-3518-00-37						
71-3519-00-37						
71-3520-00-37						

MULTIDIR EVO S

NEW



QR-CBC51 / MR16

GU5.3

71-3212-00-00 | max. 50W | 12V | 1-8

QR-CBC51 >35W



QPAR-16

GU10

71-2954-00-00 | max. 50W | – | 110V 240V | 22-25



MULTIDIR EVO S TRIM

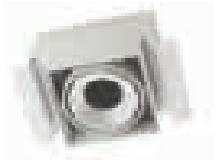






12	120 / 120	110 x 110	71-2942-14-00	71-2942-N3-00	71-2942-60-00
8	120 / 218	208 x 110	71-2943-14-00	71-2943-N3-00	71-2943-60-00
8	120 / 316	306 x 110	71-2944-14-00	71-2944-N3-00	71-2944-60-00

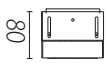
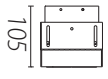
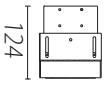
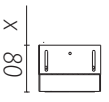
MULTIDIR EVO S TRIMLESS







12	107 / 107	108 x 108	71-2945-14-00	71-2945-60-00
8	107 / 205	206 x 108	71-2946-14-00	71-2946-60-00
8	107 / 303	304 x 108	71-2947-14-00	71-2947-60-00

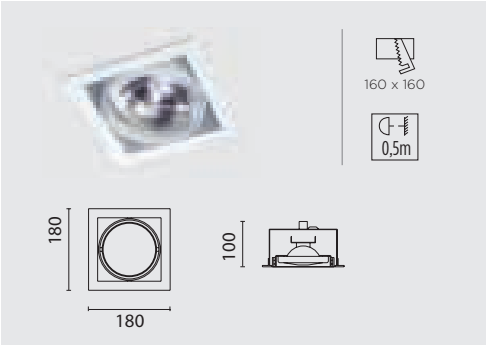
MULTIDIR EVO S	POSITION 1	POSITION 2	POSITION 3	POSITION 4
				
	 80	 105	 124	 80

71-2954-00-00	GU10	-	✔	H max. 50mm	✔	H max. 75mm	✔ H max. 95mm	✔
71-2956-00-00	GU5.3	-	X		✔	H max. 60mm	✔ H max. 80mm	✔

MULTIDIR

14 N3 | ST AL | IP 23 | RF 850°C | 0,5m | ±40° | 6 | p.858 p.873





QR-111 / AR-111

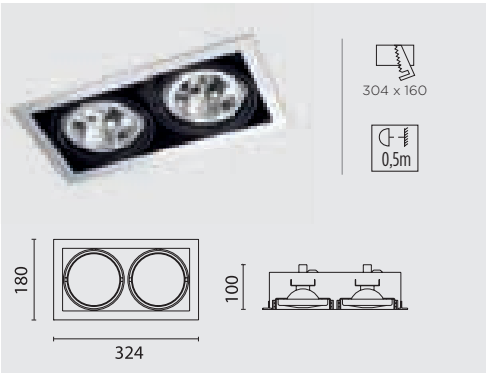
G53	DM-0061-14-00 ☐	max. 100W		9-14/ 22-25
	DM-0061-N3-00 ■			

12V — QR-111>65W

AR-111

GU10	DM-1155-14-00 ☐	–	–	22-25
	DM-1155-N3-00 ■			

110V 240V



QR-111 / AR-111

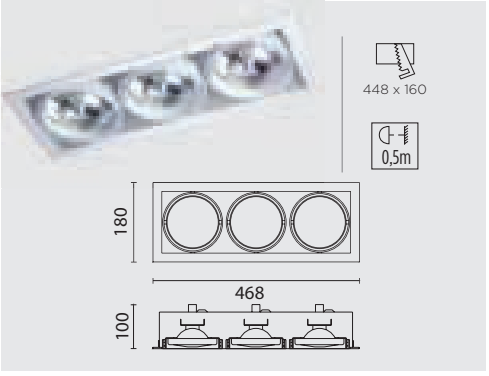
G53	DM-0062-14-00 ☐	2 x max.100W		9-14/ 22-25
	DM-0062-N3-00 ■			

12V — QR-111>65W

AR-111

GU10	DM-1156-14-00 ☐	2 x -	-	22-25
	DM-1156-N3-00 ■			

110V 240V



QR-111 / AR-111

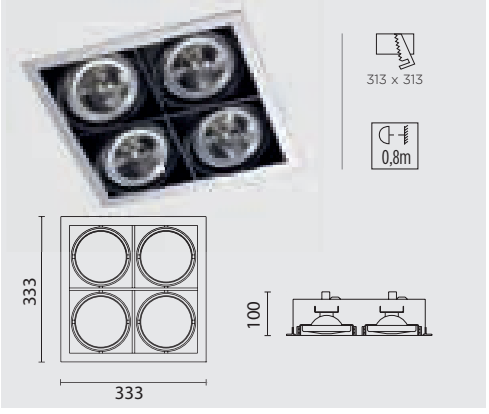
G53	DM-0063-14-00 ☐	3 x max.100W		9-14/ 22-25
	DM-0063-N3-00 ■			

12V — QR-111>65W

AR-111

GU10	DM-1157-14-00 ☐	3 x -	-	22-25
	DM-1157-N3-00 ■			

110V 240V



QR-111 / AR-111

G53	DM-0064-14-00 ☐	4 x max.100W		9-14/ 22-25
	DM-0064-N3-00 ■			

12V — QR-111>65W

AR-111

GU10	DM-1158-14-00 ☐	4 x -	-	22-25
	DM-1158-N3-00 ■			

110V 240V

Accesorios / Accessories / Accesoires / Zubehöre / Accessori / Acessórios / Аксессуары / Akcesoria

●	ACT-9131-11-00	QR-111	●	ACT-9131-25-00	QR-111
●	ACT-9131-08-00	QR-111	●	ACT-9131-24-00	QR-111

MULTIDIR

14
N3

ST
AL

IP 23
RF 850°C
12V
0,5m
± 40°

p.858
p.873





110 x 110
12

120
120
100

QR-CBC51 / MR16

GU5.3

DM-0053-14-00 ☐	max. 50W		1-8
DM-0053-N3-00 ■			

QR-CBC51 >35W

max. H=55mm



208 x 110
8

120
218
100

QR-CBC51 / MR16

GU5.3

DM-0054-14-00 ☐	2 x max. 50W		1-8
DM-0054-N3-00 ■			

QR-CBC51 >35W

max. H=55mm



306 x 110
6

120
316
100

QR-CBC51 / MR16

GU5.3

DM-0055-14-00 ☐	3 x max. 50W		1-8
DM-0055-N3-00 ■			

QR-CBC51 >35W

max. H=55mm



215 x 215
4

226
226
100

QR-CBC51 / MR16

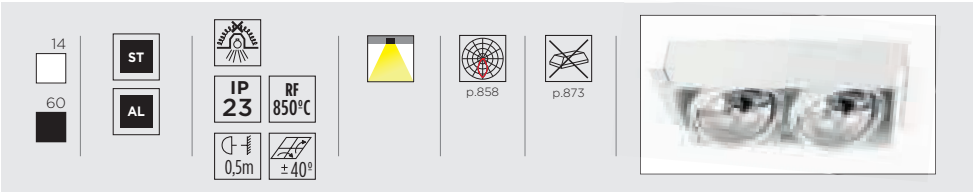
GU5.3

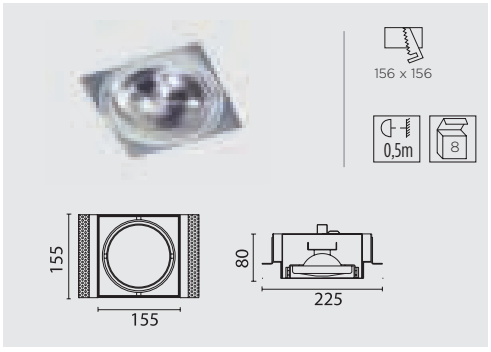
DM-0056-14-00 ☐	4 x max. 50W		1-8
DM-0056-N3-00 ■			

QR-CBC51 >35W

max. H=55mm

MULTIDIR TRIMLESS





QR-111 / AR-111

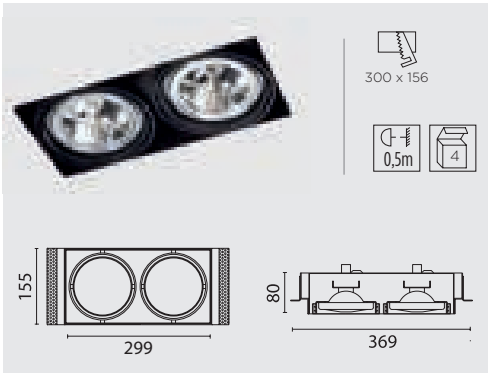
G53	DM-0081-14-00	□	max. 100W		9-14/ 22-25
	DM-0081-60-00	■			

12V — QR-111>65W

AR-111

GU10	DM-1159-14-00	□	–	–	22-25
	DM-1159-60-00	■			

110V 240V



QR-111 / AR-111

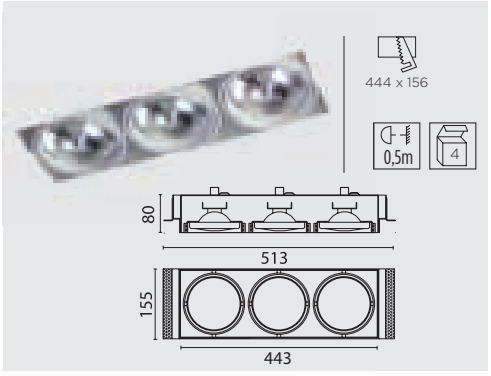
G53	DM-0082-14-00	□	2 x max.100W		9-14/ 22-25
	DM-0082-60-00	■			

12V — QR-111>65W

AR-111

GU10	DM-1160-14-00	□	2 x –	–	22-25
	DM-1160-60-00	■			

110V 240V



QR-111 / AR-111

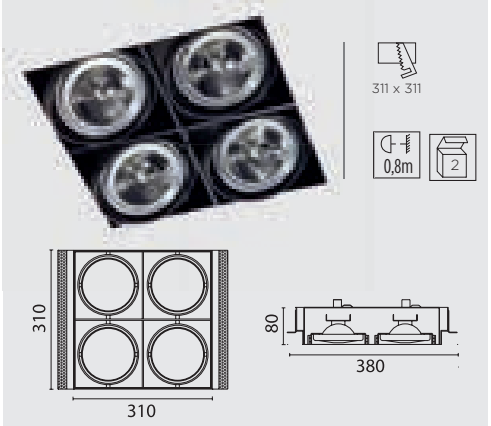
G53	DM-0083-14-00	□	3 x max.100W		9-14/ 22-25
	DM-0083-60-00	■			

12V — QR-111>65W

AR-111

GU10	DM-1161-14-00	□	3 x –	–	22-25
	DM-1161-60-00	■			

110V 240V



QR-111 / AR-111

G53	DM-0084-14-00	□	4 x max.100W		9-14/ 22-25
	DM-0084-60-00	■			

12V — QR-111>65W

AR-111

GU10	DM-1162-14-00	□	4 x –	–	22-25
	DM-1162-60-00	■			

110V 240V

Accesorios / Accessories / Accesoires / Zubehöre / Accessori / Acessórios / Аксессуары / Akcesoria

●	ACT-9131-11-00	QR-111	●	ACT-9131-25-00	QR-111
●	ACT-9131-08-00	QR-111	●	ACT-9131-24-00	QR-111

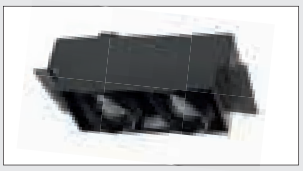
MULTIDIR TRIMLESS

14 □
60 ■

ST
AL

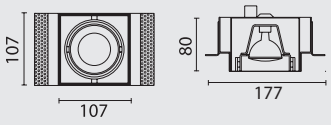
IP 23
RF 850°C
12V
0,5m
± 40°

p.858
p.873





108 x 108
18



QR-CBC51 / MR16

GU5.3




QR-CBC51 >35W

(max. H=55mm)

DM-0093-14-00	□	max. 50W		1-8
DM-0093-60-00	■			



206 x 108
12



QR-CBC51 / MR16

GU5.3



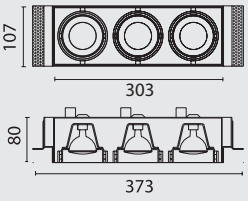

QR-CBC51 >35W

(max. H=55mm)

DM-0094-14-00	□	2 x max. 50W		1-8
DM-0094-60-00	■			



304 x 108
6



QR-CBC51 / MR16

GU5.3



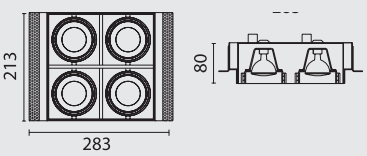

QR-CBC51 >35W

(max. H=55mm)

DM-0095-14-00	□	3 x max. 50W		1-8
DM-0095-60-00	■			



214 x 214
4



QR-CBC51 / MR16

GU5.3




QR-CBC51 >35W

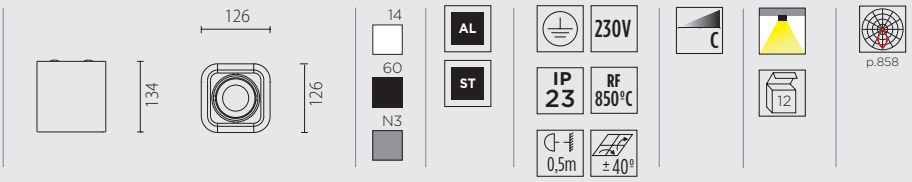
(max. H=55mm)

DM-0096-14-00	□	4 x max. 50W		1-8
DM-0096-60-00	■			



BACO



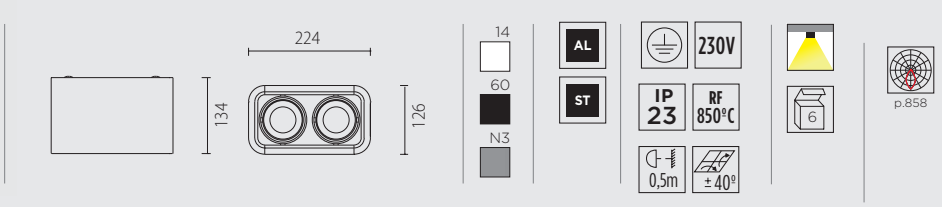


QR-CBC51

GU5.3

DM-1150-14-00	□	max. 50W	*	1-8
DM-1150-60-00	■			
DM-1150-N3-00	■			





QR-CBC51

GU5.3

C

DM-1151-14-00	□	2 x max. 50W	*	1-8
DM-1151-60-00	■			
DM-1151-N3-00	■			

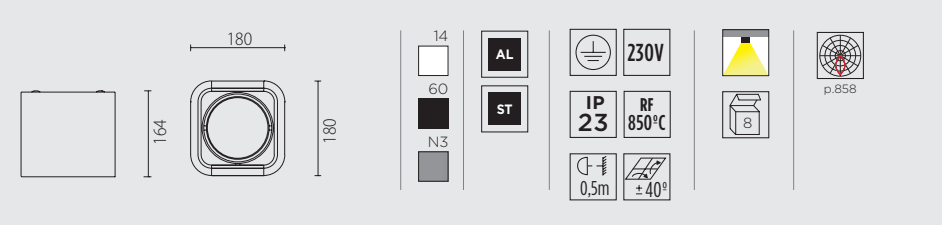
MR16 NEW

GU5.3

(max. H=50 mm)

90-3550-14-00	□	-		
90-3550-60-00	■			
90-3550-N3-00	■			





QR-111 **

G53

C

DM-1100-14-00	□	max. 75W	*	9-11
DM-1100-60-00	■			
DM-1100-N3-00	■			

AR-111 NEW

G53

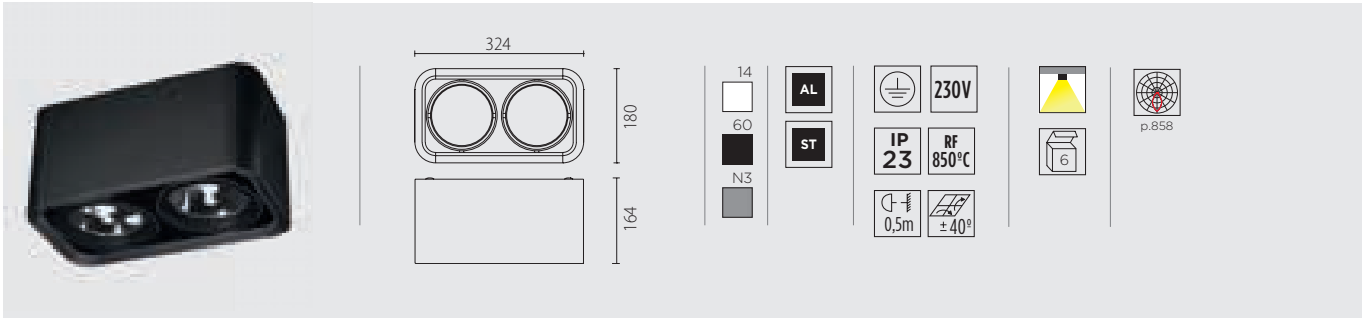
(max. H=57 mm)

90-3546-14-00	□	-		22-25
90-3546-60-00	■			
90-3546-N3-00	■			

* Posibilidad de servir estas referencias sin equipo. Consulte a nuestro Equipo Comercial

** Versiones de descarga a consultar / Discharge lamps versions upon request. / Versions à décharge sur demande / Ausführungen mit Entladungslampen auf Anfrage / Versioni su richiesta per lampade scarica / Versões para lâmpada de descarga mediante consulta / О моделях с разрядными лампами спрашивайте дополнительно / Wersje lamp wyładowczych do skonsultowania

BACO



QR-111 **

G53

L,C

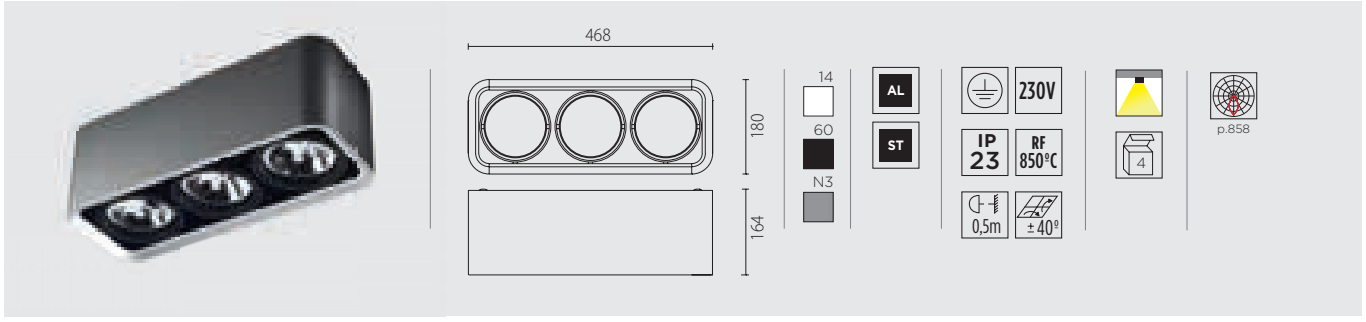
DM-1101-14-00	☐	2 x max. 75W	E *	9-11
DM-1101-60-00	■			
DM-1101-N3-00	■			

AR-111 NEW

G53

(max. H=77 mm)

90-3547-14-00	☐	-	E	22-25
90-3547-60-00	■			
90-3547-N3-00	■			



QR-111 **

G53

L,C

DM-1102-14-00	☐	3 x max. 75W	E *	9-11
DM-1102-60-00	■			
DM-1102-N3-00	■			

AR-111 NEW

G53

(max. H=77 mm)

90-3548-14-00	☐	-	E	22-25
90-3548-60-00	■			
90-3548-N3-00	■			

* Posibilidad de servir estas referencias sin equipo. Consulte a nuestro Equipo Comercial

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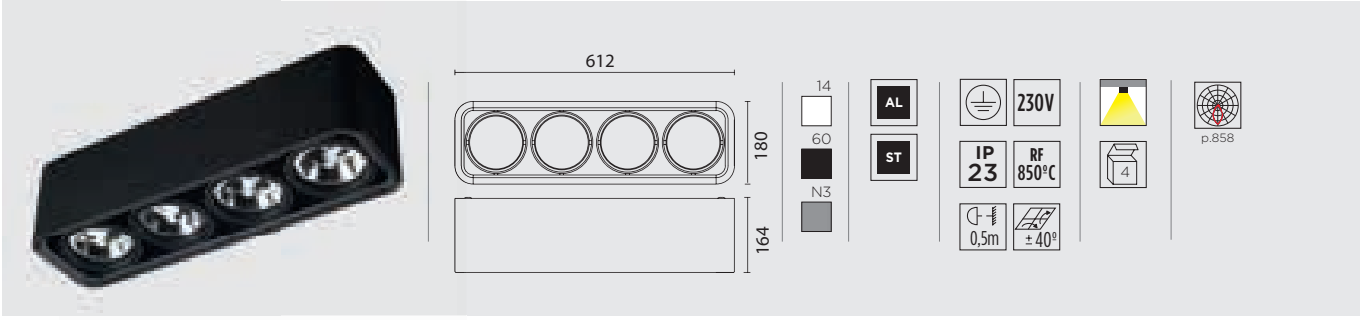
BACO



QR-111 **

G53

DM-1103-14-00(S) □	4 x max. 75W	E *	9-11
DM-1103-60-00(S) ■			
DM-1103-N3-00(S) ■			

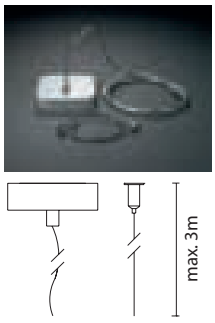
AR-111 NEW

G53

(max. H=77 mm)

90-3549-14-00 □	-	E	22-25
90-3549-60-00 ■			
90-3549-N3-00 ■			

Accesorios / Accessories / Accesoires / Zubehöre / Accessori / Acessórios / Аксессуары / Akcesoria



	PARA CÓDIGO / FOR CODE / POUR CODE / FÜR ARTIKEL-NR / PER CODICE / PARA CÓDIGO / ДЛЯ АРТИКУЛА / DLA KODU	
ACT-9044-14-00 □	DM-1100 90-3546	Kit suspensión + 1 sirga / Suspension Kit + 1 steel cable / Kit suspension + 1 câble de suspension / Aufhängekit + 1 Stahlkabel / Kit sospensione + 1 cavo / Kit de suspensão + 1 cabo de suspensão / Набор для подвесного монтажа + 1 трос / Zestaw do zawieszenia + 1 linka
ACT-9044-60-00 ■		
ACT-9044-N3-00 ■		
ACT-9045-14-00 □	DM-1101 90-3547 DM-1102 90-3548 DM-1103 90-3549	Kit suspensión + 2 sirga / Suspension Kit + 2 steel cable / Kit suspension + 2 câble de suspension / Aufhängekit + 2 Stahlkabel / Kit sospensione + 2 cavi / Kit de suspensão + 2 cabos de suspensão / Набор для подвесного монтажа + 2 троса / Zestaw do zawieszenia + 2 linka
ACT-9045-60-00 ■		
ACT-9045-N3-00 ■		

ACT-9131-11-00	QR-111	
ACT-9131-08-00	QR-111	
ACT-9131-25-00	QR-111	
ACT-9131-24-00	QR-111	



* Posibilidad de servir estas referencias sin equipo. Consulte a nuestro Equipo Comercial

** Versiones de descarga a consultar / Discharge lamps versions upon request. / Versions à décharge sur demande / Ausführungen mit Entladungslampen auf Anfrage / Versioni su richiesta per lampade scarica / Versões para lâmpada de descarga mediante consulta / О моделях с разрядными лампами спрашивайте дополнительно / Wersje lamp wyładowczych do skonsultowania



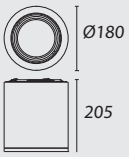
EXIT



EXIT

NEW





14
60

AL
GLA
DIF

IP 23
RF 850°C
220V 240V
0,5m
± 40°

10

p.858

LED

Estándar
Zhaga / Zhaga Standard

90-2991-14-37 ☐	2000 lm(N)	3000K	CRI>80	12°	26W	
90-2991-60-37 ■				24°		
90-2992-14-37 ☐				38°		
90-2992-60-37 ■						
90-2993-14-37 ☐				12°	24W	
90-2993-60-37 ■				24°		
90-2994-14-37 ☐				38°		
90-2994-60-37 ■						
90-2995-14-37 ☐		4000K		12°	23W	
90-2995-60-37 ■				24°		
90-2996-14-37 ☐				38°		
90-2996-60-37 ■						
90-3523-14-37 ☐		3000K	CRI>90	12°	28W	
90-3523-60-37 ■				24°		
90-3524-14-37 ☐				38°		
90-3524-60-37 ■						
90-3525-14-37 ☐				12°	26W	
90-3525-60-37 ■				24°		
90-2997-14-37 ☐	3000 lm(N)	3000K	CRI>80	38°		
90-2997-60-37 ■						
90-2998-14-37 ☐				12°	33W	
90-2998-60-37 ■				24°		
90-2999-14-37 ☐				38°		
90-2999-60-37 ■						
90-3000-14-37 ☐		4000K	CRI>80	12°		
90-3000-60-37 ■				24°		
90-3204-14-37 ☐				38°		
90-3204-60-37 ■						
90-3207-14-37 ☐				12°		
90-3207-60-37 ■				24°		
90-3526-14-37 ☐		3000K	CRI>90	38°		
90-3526-60-37 ■						
90-3527-14-37 ☐				12°		
90-3527-60-37 ■				24°		
90-3528-14-37 ☐				38°		
90-3528-60-37 ■						

QR-111

G53

(max. H=77 mm)

90-2984-14-00 ☐	max.100W		09-14
90-2984-60-00 ■			

CDM-R111

GX8.5

90-2982-14-00 ☐	35W		15-20
90-2982-60-00 ■			
90-2983-14-00 ☐	70W		
90-2983-60-00 ■			

AR-111

GU10

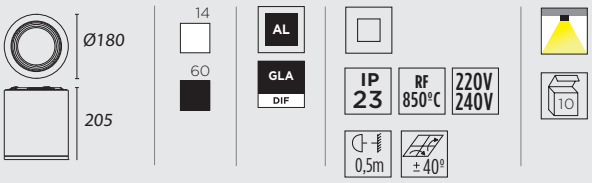
(max. H=100 mm)

90-2981-14-00 ☐	–	–	22-25
90-2981-60-00 ■			

EXIT

NEW





HIT-TC

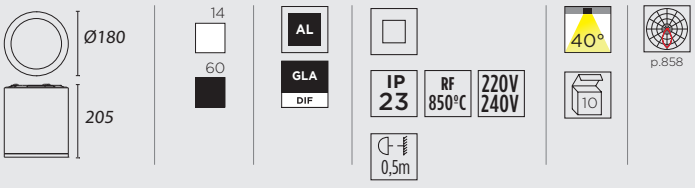
G8.5

90-2985-14-37	☐	35W	E	10°
90-2985-60-37	■			
90-2986-14-37	☐			24°
90-2986-60-37	■			
90-2987-14-37	☐			45°
90-2987-60-37	■			
90-2988-14-37	☐	70W		10°
90-2988-60-37	■			
90-2989-14-37	☐			24°
90-2989-60-37	■			
90-2990-14-37	☐			45°
90-2990-60-37	■			

EXIT

NEW





LED

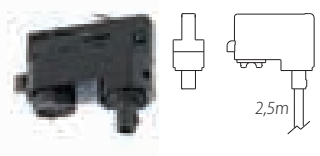
Estándar
Zhaga /
Zhaga
Standard

90-3208-14-37	☐	2000 lm(N)	3000K	CRI>80	26W	E
90-3208-60-37	■					
90-3209-14-37	☐		4000K		24W	
90-3209-60-37	■					
90-3529-14-37	☐		3000K	CRI>90	23W	
90-3529-60-37	■					
90-3210-14-37	☐	3000 lm(N)	3000K	CRI>80	28W	
90-3210-60-37	■					
90-3211-14-37	☐		4000K	CRI>80	26W	
90-3211-60-37	■					
90-3530-14-37	☐		3000K	CRI>90	33W	
90-3530-60-37	■					

Accesorios / Accessories / Accesoires / Zubehöre / Accessori / Acessórios / Аксессуары / Akcesoria



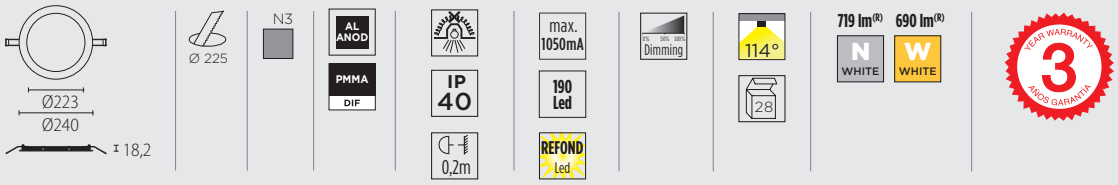
71-3223-14-00	☐	Kit suspensión / Suspension Kit / Kit suspension / Aufhängekit / Kit sospensione / Kit de suspensão / Набор для подвесного монтажа/ Zestaw do zawieszenia
71-3223-60-00	■	



71-3531-60-00	■	Kit suspensión carril / Track Suspended Kit / Kit suspension / Aufhängekit / Kit sospensione / Kit de suspensão / Набор для подвесного монтажа для шины / Zestaw do zawieszenia



ROUND FIT

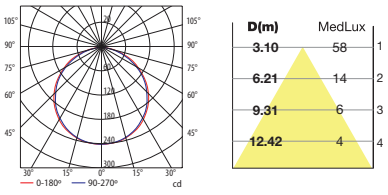




LED

15-4725-N3-M1		Warm W 3000K	max. 14W		Standard
15-4726-N3-M1		Neutral W 4000K			
15-2464-N3-M1		Warm W 3000K		220V 240V	Emergency 3h
15-2465-N3-M1		Neutral W 4000K			

15-4725 LED Blanco cálido / Warm white 1050mA



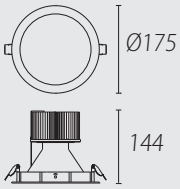
Unidades eléctricas / Electrical Units / Platines électriques / Netzteile / Unitá Elettriche / Unidades elétricas / Электрооборудование / Części elektryczne	**862-869**



EQUAL SPOT

NEW





14
N3

AL
GLA
DIF

IP 54
RF 850°C
0,5m

40°
10

3 YEAR WARRANTY
3 AÑOS GARANTÍA

LED

Estándar
Zhaga /
Zhaga
Standard

90-2977-14-37	2000 lm(N)	3000K	CRI>80	26W	220V 240V
90-2977-N3-37					
90-2978-14-37		4000K		24W	
90-2978-N3-37					
90-3521-14-37		3000K	CRI>90	23W	
90-3521-N3-37					
90-2979-14-37	3000 lm(N)	3000K	CRI>80	28W	
90-2979-N3-37					
90-2980-14-37		4000K		26W	
90-2980-N3-37					
90-3522-14-37		3000K	CRI>90	33W	
90-3522-N3-37					



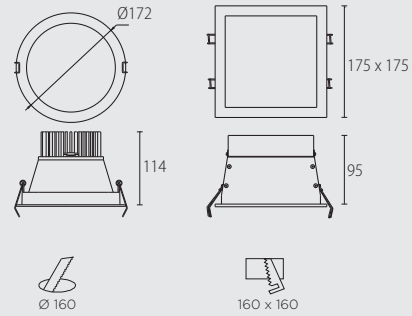
Equipos / Gears / Dispositifs / Treiber / Driver / Equipamentos / Устройства / Osprzęt



71-2476-00-00	1 driver = **1 Equal Spot**	Driver ON / OFF 220-240 VAC	32 x 46 x 190 mm

LED Zhaga 4500lm(R), consulte con Equipo Comercial.
LED Zhaga 4500lm(R), speak to the Sales Team.
LED Zhaga 4500lm(R), adressez-vous à l'équipe commerciale.
LED Zhaga 4500lm(R), wenden Sie sich bitte an unseren Vertrieb.
LED Zhaga 4500lm(R), consultare il Team di Vendita.
LED Zhaga 4500lm(R), consulte a Equipa de Vendas.
LED Zhaga 4500lm(R), обращайтесь к нашим менеджерам
LED Zhaga 4500lm(R), proszę skonsultować się z działem handlowym.

EQUAL S



14 / N3

AL / PMMA / DIF

IP 54 / 0,2m

CREE Led

80°

1825 lm(R) W WHITE 12 Led

2636 lm(R) W WHITE 18 Led

HIGH >90%

3 YEAR WARRANTY / AÑOS GARANTÍA





LED

Ø172	90-0713-14-M3 ☐	Warm W 3000K	max. 2000mA	12 Led	max. 27W		equivalente a as bright as 2 x 18W CFL
20	90-0713-N3-M3 ■						

LED

Ø172	90-0714-14-M3 ☐	Warm W 3000K	max. 1900mA	18 Led	max. 39W		equivalente a as bright as 2 x 26W CFL
20	90-0714-N3-M3 ■						





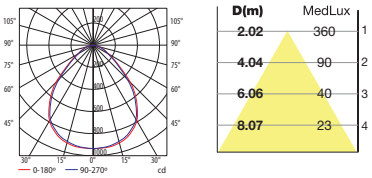
LED

175 x 175	90-0723-14-M3 ☐	Warm W 3000K	max. 2000mA	12 Led	max. 27W		equivalente a as bright as 2 x 18W CFL
12	90-0723-N3-M3 ■						

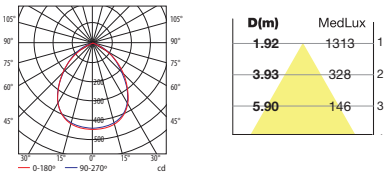
LED

175 x 175	90-0724-14-M3 ☐	Warm W 3000K	max. 1900mA	18 Led	max. 39W		equivalente a as bright as 2 x 26W CFL
12	90-0724-N3-M3 ■						

Max. 27W Blanco cálido / Warm white

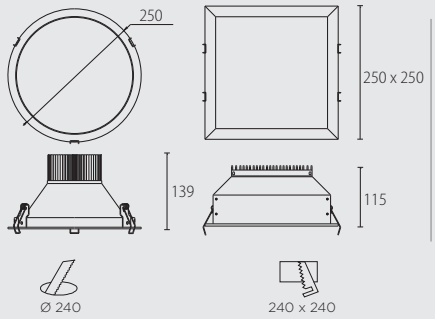


Max. 39W Blanco cálido / Warm white 1900mA



Unidades eléctricas / Electrical Units / Platines électriques / Netzteile / Unitá Elettriche / Unidades elétricas / Электрооборудование / Części elektryczne 862-869

EQUAL L



14
N3

AL
PMMA
DIF

IP 54
0,2m

CREE Led

83°
4

1760 lm(R)
W WHITE
12 Led

2435 lm(R)
W WHITE
18 Led

η HIGH >90%

3 YEAR WARRANTY / AÑOS GARANTÍA





LED

Ø250	90-0861-14-M3 ☐	Warm W 3000K	max. 2000mA	12 Led	max. 27W		equivalente a as bright as 2 x 18W CFL
	90-0861-N3-M3 ■						

LED

Ø250	90-0931-14-M3 ☐	Warm W 3000K	max. 1900mA	18 Led	max. 39W		equivalente a as bright as 2 x 26W CFL
	90-0931-N3-M3 ■						





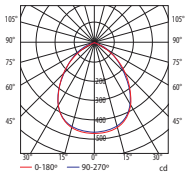
LED

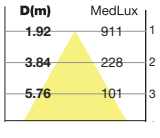
250 x 250	90-0907-14-M3 ☐	Warm W 3000K	max. 2000mA	12 Led	max. 27W		equivalente a as bright as 2 x 18W CFL
	90-0907-N3-M3 ■						

LED

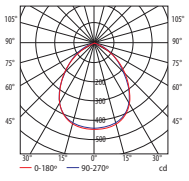
250 x 250	90-0908-14-M3 ☐	Warm W 3000K	max. 1900mA	18 Led	max. 39W		equivalente a as bright as 2 x 26W CFL
	90-0908-N3-M3 ■						

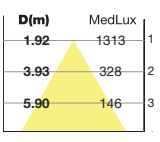
Max. 27W Blanco cálido / Warm white 2000mA





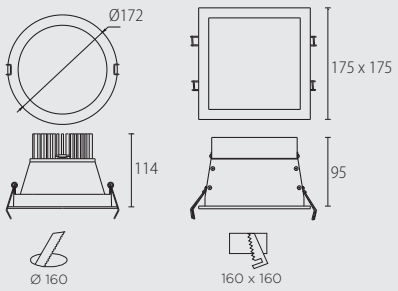
Max. 39W Blanco cálido / Warm white 1900mA





Unidades eléctricas / Electrical Units / Platines électriques / Netzteile / Unitá Elettriche / Unidades elétricas / Электрооборудование / Części elektryczne	862-869

EQUAL S



14
N3

AL
PMMA
DIF

IP 54
0,2m

80°

1877 lm(R)
N WHITE
18W

2711 lm(R)
N WHITE
26W

HIGH >90%



Estándar Zhaga
Zhaga Standard

3 YEAR WARRANTY
3 AÑOS GARANTÍA





LED

20	Ø172	**90-2023-14-M3** ☐	Neutral W 4000K	18W	
		90-2023-N3-M3 ■			

equivalente a / as bright as 2 x 18W CFL

LED

20	Ø172	**90-2025-14-M3** ☐	Neutral W 4000K	26W	
		90-2025-N3-M3 ■			

equivalente a / as bright as 2 x 26W CFL





LED

12	175 x 175	**90-2027-14-M3** ☐	Neutral W 4000K	18W	
		90-2027-N3-M3 ■			

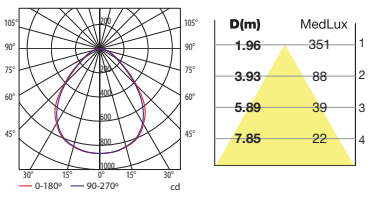
equivalente a / as bright as 2 x 18W CFL

LED

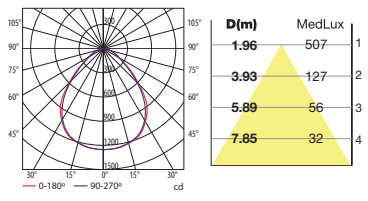
12	175 x 175	**90-2029-14-M3** ☐	Neutral W 4000K	26W	
		90-2029-N3-M3 ■			

equivalente a / as bright as 2 x 26W CFL

LED 18W Blanco neutro / Neutral white



LED 26W Blanco neutro / Neutral white



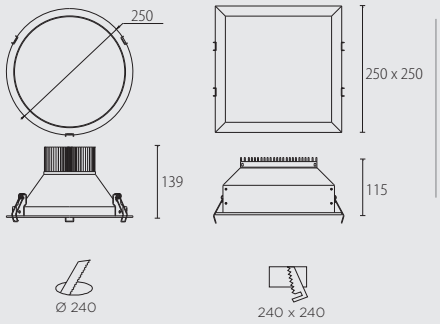
LED Zhaga 4500lm(R), consulte con Equipo Comercial.
LED Zhaga 4500lm(R), speak to the Sales Team.
LED Zhaga 4500lm(R), adressez-vous à l'équipe commerciale.
LED Zhaga 4500lm(R), wenden Sie sich bitte an unseren Vertrieb.
LED Zhaga 4500lm(R), consultare lo staff commerciale
LED Zhaga 4500lm(R), consulte a Equipa de Vendas.
LED Zhaga 4500lm(R), обращайтесь к нашим менеджерам
LED Zhaga 4500lm(R), proszę skonsultować się z działem handlowym.



Equipos / Gears / Dispositifs / Treiber / Driver / Equipamentos / Устройства / Osprzęt

71-2476-00-00	1 driver = **1 Equal**	Driver ON / OFF 220-240 VAC	32 x 46 x 190 mm

EQUAL L



14
N3

AL
PMMA
DIF

IP 54
0,2m

83°
4

2000 lm(R) N WHITE 18W
2700 lm(R) N WHITE 26W

η HIGH >90%



Estándar Zhaga
Zhaga Standard

3 YEAR WARRANTY / AÑOS GARANTÍA





LED

Ø250	90-2064-14-M3 □ 90-2064-N3-M3 ■	Neutral W 4000K	18W	

equivalente a as bright as 2 x 18W CFL

LED

Ø250	90-2069-14-M3 □ 90-2069-N3-M3 ■	Neutral W 4000K	26W	

equivalente a as bright as 2 x 26W CFL





LED

250 x 250	90-2073-14-M3 □ 90-2073-N3-M3 ■	Neutral W 4000K	18W	

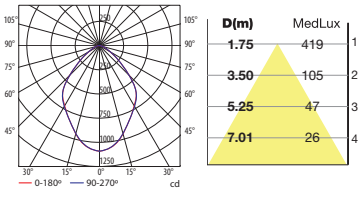
equivalente a as bright as 2 x 18W CFL

LED

250 x 250	90-2077-14-M3 □ 90-2077-N3-M3 ■	Neutral W 4000K	26W	

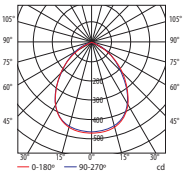
equivalente a as bright as 2 x 26W CFL

LED 18W Blanco neutro / Neutral white



D(m)	MedLux	
1.75	419	1
3.50	105	2
5.25	47	3
7.01	26	4

LED 26W Blanco neutro / Neutral white



D(m)	MedLux	
1.75	628	1
3.50	157	2
5.25	70	3
7.01	39	4

LED Zhaga 4500lm(R), consulte con Equipo Comercial.
LED Zhaga 4500lm(R), speak to the Sales Team.
LED Zhaga 4500lm(R), adressez-vous à l'équipe commerciale.
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LED Zhaga 4500lm(R), обращайтесь к нашим менеджерам
LED Zhaga 4500lm(R), proszę skonsultować się z działem handlowym.



Equipos / Gears / Dispositifs / Treiber / Driver / Equipamentos / Устройства / Osprzęt

71-2476-00-00	1 driver = **1 Equal**	Driver ON / OFF 220-240 VAC	32 x 46 x 190 mm

ROL





ARENADO / SANDBLASTED / SABLÉ / SANDGESTRAHLT / SABBIATO / AREADO / MATOBOE / PIASKOWANY

SEMI ARENADO / SEMI-SANDBLASTED / DEMI SABLÉ / HALBSANDGESTRAHLT / SEMI-SABBIATO / SEMI-AREADO / ПОЛУМАТОВОЕ PÓŁ-PIASKOWANY

SERIGRAFIADO / SILKSCREENED / SÉRIGRAPHIÉ / SIEBDRUCK / SERIGRAFATO / SERIGRAFADO / С ТРАФАРЕТНОЙ ПЕЧАТЬЮ / Z SITODRUKIEM







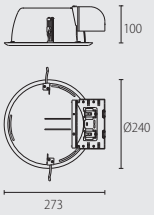






ROL





Ø 225

14
N3

PC
GLA
DIF

IP 23
RF 850°C
220V 240V
0,2m

12

HIGH >70%
10

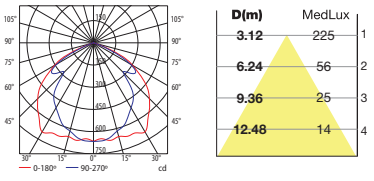


TC-DEL

G24q-2

DN-1680-14-00	☐	2x18W	*

TC-DEL G24q-2 2 x 18W



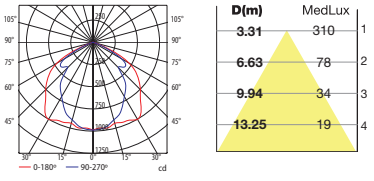
η=72%

TC-DEL

G24q-3

90-2502-14-00	☐	2x26W	*

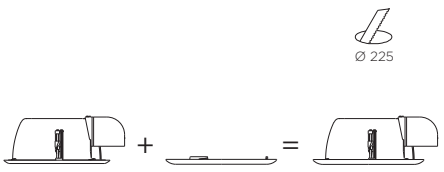
TC-DEL G24q-3 2 x 26W

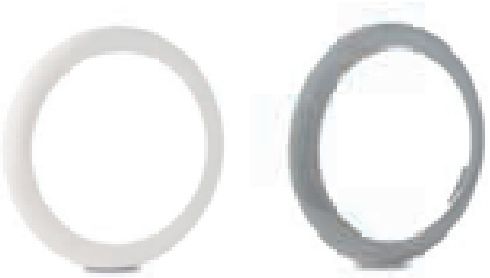


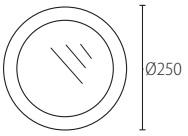
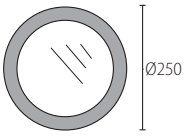
η=68%

Para versiones con una lámpara y/o versiones con portalámparas E-27, consulte con Equipo Comercial.
For versions with one lamp and/or versions with an E-27 light bulb socket, please contact your sales representative.
Pour les versions à une lampe et/ou les versions à douille E-27, adressez-vous à l'équipe commerciale.
Für Ausführungen mit einem Leuchtmitter und/oder Ausführungen mit Lampenfassung E-27 wenden Sie sich bitte an unseren Vertrieb.
Per versioni con una lampada e/o versioni con portalampada E-27, consultare lo staff commerciale.
Para versões com uma lâmpada e/ou versões com suporte de casquilho E-27, consulte a Equipa de Vendas.
Для опции с одной лампой и/или с патроном E-27 обращайтесь к нашим менеджерам
Dla wersji o jednej lampie i/lub wersji z oprawkami E-27, proszę skonsultować się z działem handlowym.

* Posibilidad de servir estas referencias sin equipo. Consulte a nuestro Equipo Comercial





			
Arenado / Sandblasted / Sablé / Sandgestrahlt / Sabbiato / Areado / Матовое / Piaskowany		**ACT-9171-14-T2**	**ACT-9171-N3-T2**
Semiarenado / Semi-sandblasted / Demi sablé/ Halbsandgestrahlt / Semi-sabbiato / Semiareado / Полуматовое / Częściowo piaskowany		**ACT-9172-14-T2**	**ACT-9172-N3-T2**
Serigrafiado / Silkscreened / Sérigraphié/ Siebdruck / Serigrafato / Serigrafado / С трафаретной печатью / Z sitodrukiem		**ACT-9173-14-H6**	**ACT-9173-N3-H6**

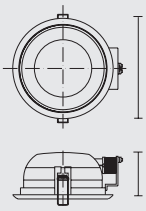


ECO

BASIC SOLUTION







Ø 205

14
N3

ST
GLA
DIF

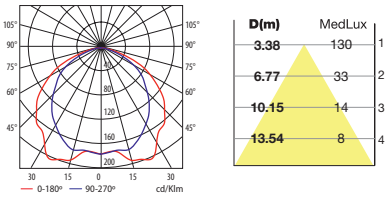
IP 44
RF 850°C
0,2m

TC-D

G24d-2

DN-1400-14-00	☐	18W	*	Standard
DN-1400-N3-00	■			
DN-1401-14-00	☐	2x18W		
DN-1401-N3-00	■			

TC-D G24d-2 2x18W opal



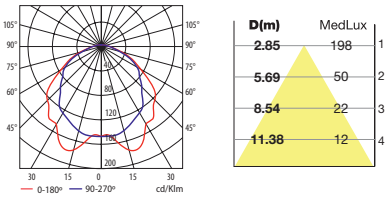
η=55%

TC-D

G24d-3

DN-1402-14-00	☐	26W	*	Standard
DN-1402-N3-00	■			
DN-1403-14-00	☐	2x26W		
DN-1403-N3-00	■			

TC-D G24d-3 2x26W



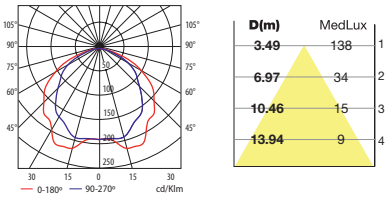
η=47%

TC-DEL

G24q-2

DN-1405-14-00	☐	18W	*	Standard
DN-1405-N3-00	■			
DN-1406-14-00	☐	2x18W		
DN-1406-N3-00	■			
DN-1409-14-00	☐			Emergency 3/1h
DN-1409-N3-00	■			

TC-DEL G24q-2 2x18W opal



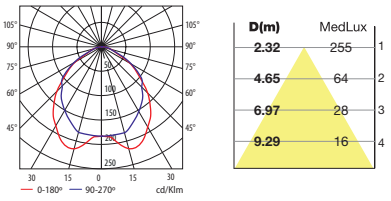
η=61%

TC-DEL

G24q-3

DN-1407-14-00	☐	1x26W	*	Standard
DN-1407-N3-00	■			
DN-1408-14-00	☐	2x26W		
DN-1408-N3-00	■			
DN-1410-14-00	☐			Emergency 3/1h
DN-1410-N3-00	■			

TC-DEL G24q-3 2x26W



η=53%

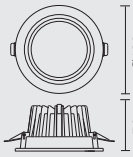
* Posibilidad de servir estas referencias sin equipo. Consulte a nuestro Equipo Comercial

ECOLED

BASIC SOLUTION







Ø 120

14

AL
PMMA
DIF

IP 44

0,2m

REFOND Led

100-240 VAC

90°

6

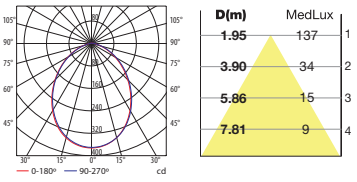
930 lm(R)
W WHITE

3 YEAR WARRANTY 3 AÑOS GARANTÍA

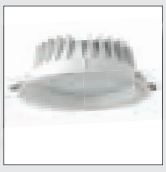
LED

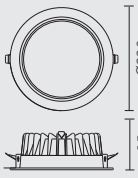
90-1783-14-M3	□	Warm W 3000K	11W

LED Blanco cálido / Warm white









Ø 220

14

AL
PMMA
DIF

IP 44

0,2m

REFOND Led

100-240 VAC

90°

4

1620 lm(R)
W WHITE
20W

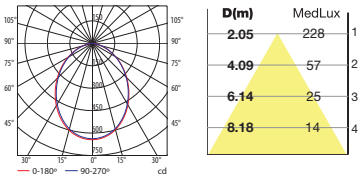
2550 lm(R)
W WHITE
31W

3 YEAR WARRANTY 3 AÑOS GARANTÍA

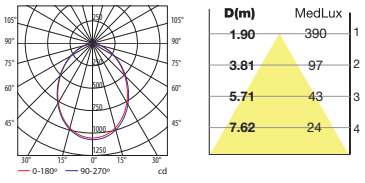
LED

90-1784-14-M3	□	Warm W 3000K	20W
90-1785-14-M3	□		31W

LED Blanco cálido / Warm white



LED Blanco cálido / Warm white

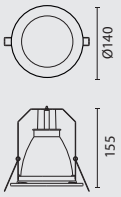




DOWN

BASIC SOLUTION





Ø 125

14

ST

GLA DIF

IP 44

RF 850°C

0,2m

20

E-27

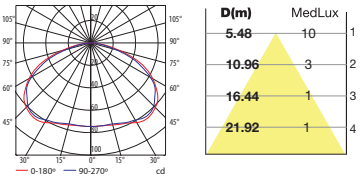
(max. H=125 mm)

90-1453-14-T2

1 x E-27 PL Elec. Max. 15W

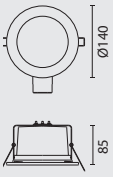
1 x E-27 Max. 100W

E27 15W



η=46%





Ø 125

14

ST

GLA DIF

IP 44

RF 850°C

0,2m

20

E-27

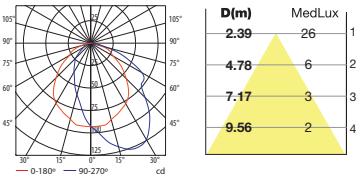
(max. H=120 mm)

90-1454-14-T2

1 x E-27 PL Elec. Max. 13W

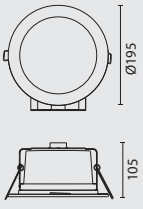
1 x E-27 Max. 60W

E27 13W



η=38%





Ø 175

14

ST

GLA DIF

IP 44

RF 850°C

0,2m

20

E-27

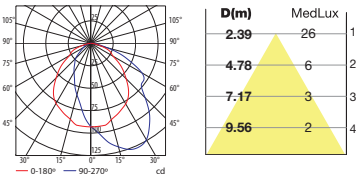
(max. H=150 mm)

90-1480-14-T2

2 x E-27 PL Elec. Max. 16W

2 x E-27 Max. 60W

E27 16W

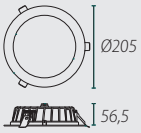


VOL

BASIC SOLUTION

NEW





Ø 180

14

AL

PMMA
DIF

IP 44

0,2m

0-25mm

SAMSUNG Led

100-240 VAC

73°

12

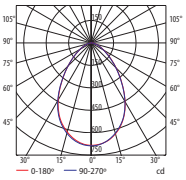
1098 lm(R)
W
WHITE

3 YEAR WARRANTY
AXOS GARANTÍA

LED

	90-2899-14-M3	□	Warm W 3000K	17,5W

LED Blanco cálido / Warm white



D(m)	MedLux	
1.49	311	1
2.98	78	2
4.46	35	3
5.95	19	4



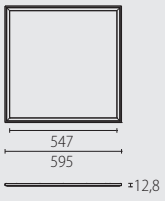




Mc DONALD'S SABADELL. BARCELONA, SPAIN

FIT





54
N3

AL ANOD
PMMA DIF

IP 40

max. 1050mA
600 Led
REFOND Led

Dimming

120°
3

equivalente a
as bright as
3 x T5 (14W)
4 x T8 (18W)

3930 lm(R) N WHITE
3526 lm(R) W WHITE

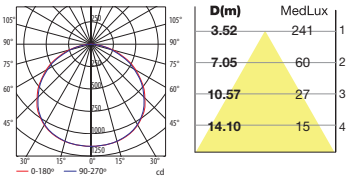
3 YEAR WARRANTY AKOS GARANTIA

* Sólo para montaje empotrado / Only for recessed mounting

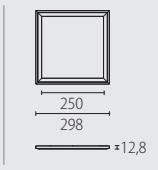
LED

15-4721-54-M1		Warm W 3000K	max. 40W		Standard
15-4722-54-M1		Neutral W 4000K			
15-2456-54-M1*		Warm W 3000K		220V 240V	Emergency 3h
15-2459-54-M1*		Neutral W 4000K			

15-4721-54-M1 LED
Blanco cálido / Warm white







54
N3

AL ANOD
PMMA DIF

IP 40

max. 500mA
300 Led
REFOND Led

Dimming

114°
6

1500 lm(R) N WHITE
968 lm(R) W WHITE

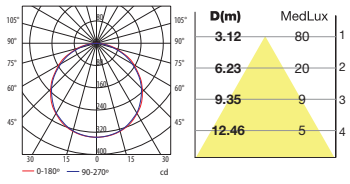
3 YEAR WARRANTY AKOS GARANTIA

* Sólo para montaje empotrado / Only for recessed mounting

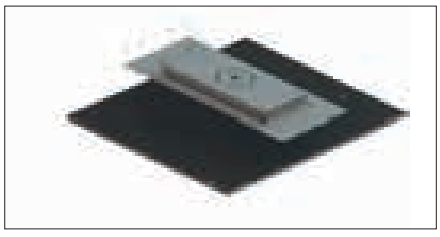
LED

15-4723-54-M1		Warm W 3000K	max. 18,5W		Standard
15-4724-54-M1		Neutral W 4000K			
15-2462-54-M1*		Warm W 3000K		220V 240V	Emergency 3h
15-2463-54-M1*		Neutral W 4000K			

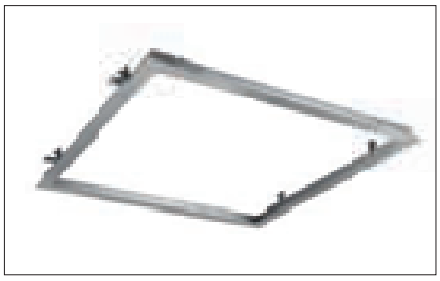
15-4724-54-M1 LED
Blanco neutro / Neutral white



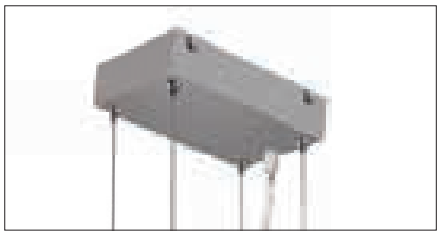
Accesorios / Accessories / Accesoires / Zubehöre / Accessori / Acessórios / Аксессуары / Akcesoria



71-4722-N3-00		60X60	Kit de superficie plafón / Surface kit ceiling light / Kit surface Plafonnier/ Kit für Aufbaumontage / Kit per montaggio a plafoniera / Kit para instalação em superfície / Набор аксессуаров для поверхностного монтажа / Zestaw dla instalacji na powierzchni /
71-4724-N3-00		30X30	



71-0558-54-00		60X60 630 x 630	Kit empotrar plafón / Recessed kit ceiling light / Kit d'encastrement plafonnier / Kit für Einbaumontage / Kit per incasso / Kit para instalação encastrada / Набор аксессуаров для встроенного монтажа / Zestaw dla instalacji wbudowanej / No necesario en techos tipo Armstrong / Not required in Armstrong ceiling units
71-0537-54-00		30X30 330 x 330	



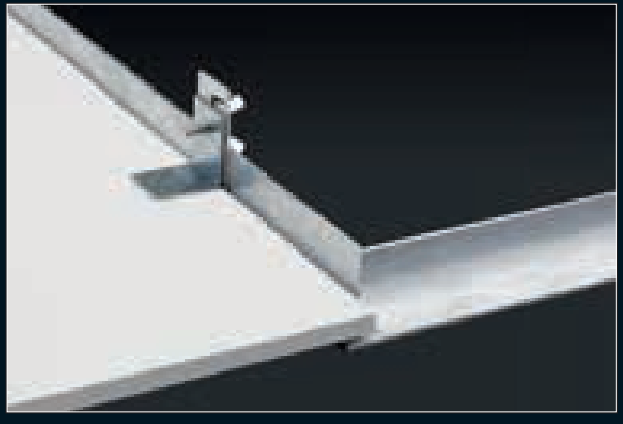
71-4723-N3-00		60X60	Kit suspensión plafón / Suspension kit ceiling light / Kit de suspension plafonnier / Aufhängungskit/ Kit per sospensione / Kit para instalação suspensa / Набор аксессуаров для подвесного монтажа / Zestaw dla instalacji zawieszonej /

Unidades eléctricas / Electrical Units / Platines électriques / Netzteile / Unitá Elettriche / Unidades elétricas / Электрооборудование / Części elektryczne	862-869

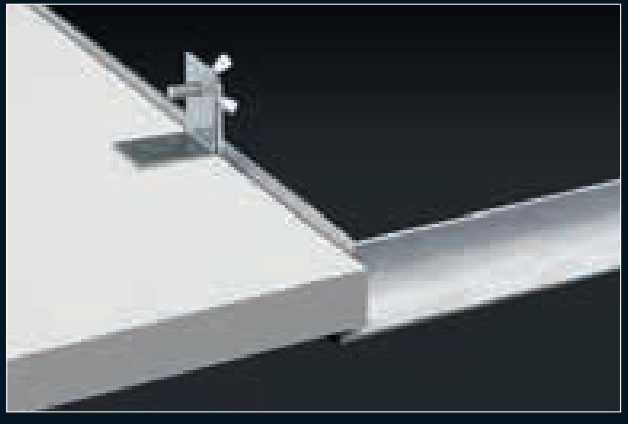



12,8 mm


> 10cm




0-25mm



ECOFIT

BASIC SOLUTION

NEW





52
N3

AL ANOD
PMMA DIF

IP 40

420 Led
REFOND Led

100-240 VAC

120°
2

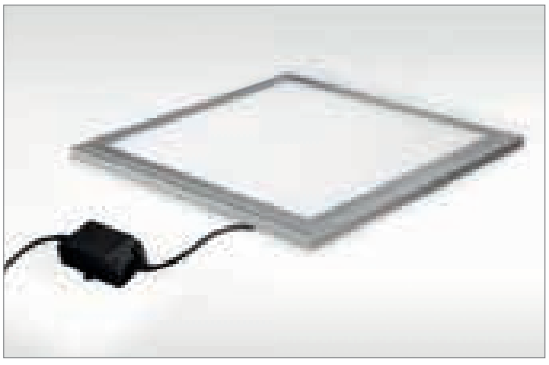
3144 lm(R) N WHITE
2935 lm(R) W WHITE

3 YEARS WARRANTY 3 ANOS GARANTIA

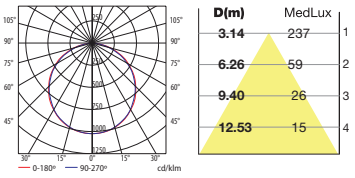
equivalente a
as bright as
3 x T5 (14W)
4 x T8 (18W)

LED

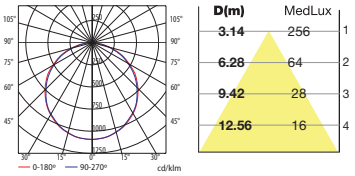
15-2921-52-M1		Warm W 3000K	40W		ON-OFF
15-2920-52-M1		Neutral W 4000K			



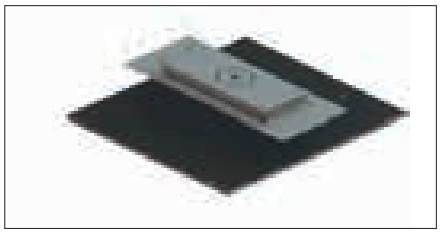
15-2921-52-M1 LED
Blanco cálido / Warm white



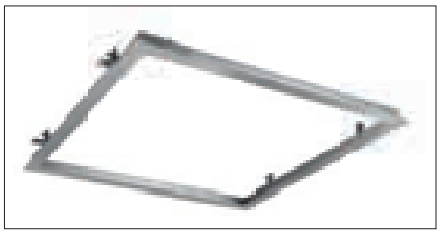
15-2920-52-M1 LED
Blanco neutro / Neutral white



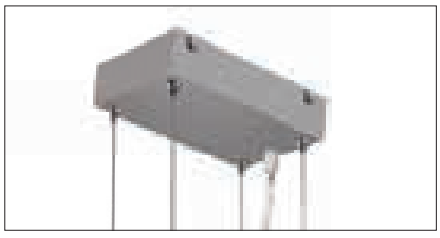
Accesorios / Accessories / Accesoires / Zubehöre / Accessori / Acessórios / Аксессуары / Akcesoria



71-4722-N3-00		60X60	Kit de superficie plafón / Surface kit ceiling light / Kit surface Plafonnier/ Kit für Aufbaumontage / Kit per montaggio a plafoniera / Kit para instalação em superfície / Набор аксессуаров для поверхностного монтажа / Zestaw dla instalacji na powierzchni /



71-0558-54-00		60X60 630 x 630	Kit empotrar plafón / Recessed kit ceiling light / Kit d'encastrement plafonnier / Kit für Einbaumontage / Kit per incasso / Kit para instalação encastrada / Набор аксессуаров для встроенного монтажа / Zestaw dla instalacji wbudowanej / No necesario en techos tipo Armstrong / Not required in Armstrong ceiling units



71-4723-N3-00		60X60	Kit suspensión plafón / Suspension kit ceiling light / Kit de suspension plafonnier / Aufhängungskit/ Kit per sospensione / Kit para instalação suspensa / Набор аксессуаров для подвесного монтажа / Zestaw dla instalacji zawieszonej /

FRAME / MINI FRAME





ARENADO / SANDBLASTED / SABLÉ / SANDGESTRAHLT / SABBIATO / AREADO / MATOBOE / PIASKOWANY

SEMI ARENADO / SEMI-SANDBLASTED / DEMI SABLÉ / HALBSANDGESTRAHLT / SEMI-SABBIATO / SEMI-AREADO / ПОЛУМАТОВОЕ PÓŁ-PIASKOWANY

SERIGRAFIADO / SILKSCREENED / SÉRIGRAPHIÉ / SIEBDRUCK / SERIGRAFATO / SERIGRAFADO / С ТРАФАРЕТНОЙ ПЕЧАТЬЮ / Z SITODRUKIEM



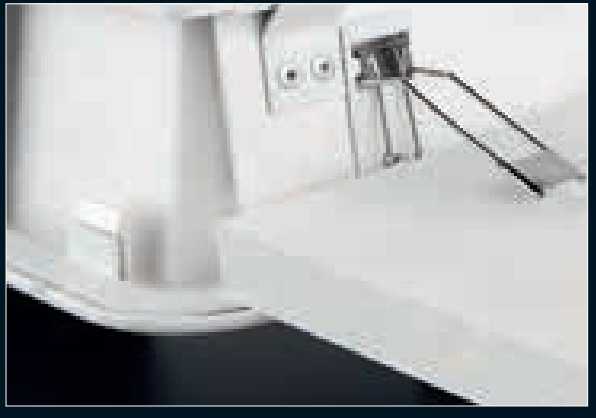






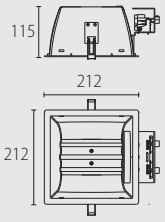






FRAME





200 x 200

220 x 220

14

N3

PC

GLA

DIF

IP 23

RF 850ºC

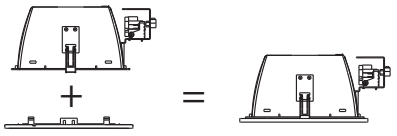
220V 240V

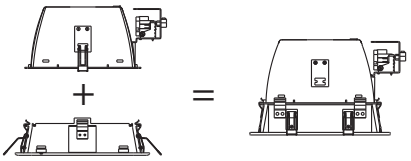
0,2m

12

HIGH >70%

10



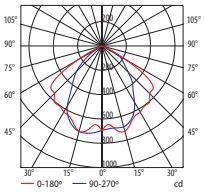


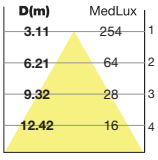
TC-DEL

G24q-2

DN-1620-14-00	□	□	2x18W	*

TC-DEL G24q-2 2X18W





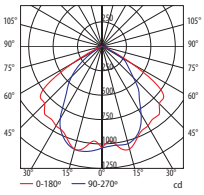
η=70%

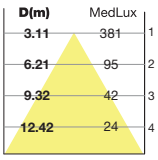
TC-DEL

G24q-3

90-2501-14-00	○	⏚	2x26W	*

TC-DEL G24q-3 2X26W

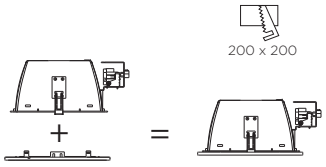


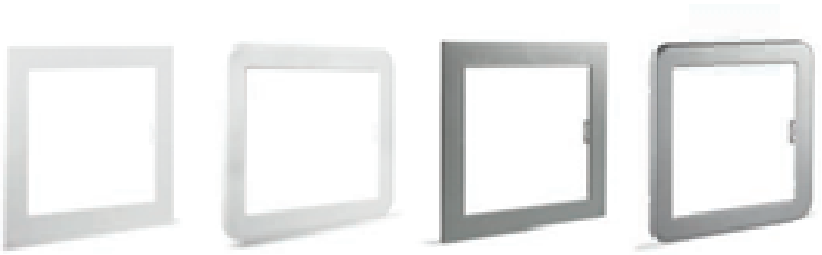


η=70%

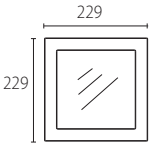
Para versiones con una lámpara y/o versiones con portalámparas E-27, consulte con Equipo Comercial.
For versions with one lamp and/or versions with an E-27 light bulb socket, please contact your sales representative.
Pour les versions à une lampe et/ou les versions à douille E-27, adressez-vous à l'équipe commerciale.
Für Ausführungen mit einem Leuchtmitter und/oder Ausführungen mit Lampenfassung E-27 wenden Sie sich bitte an unseren Vertrieb.
Per versioni con una lampada e/o versioni con portalampada E-27, consultare lo staff commerciale.
Para versões com uma lâmpada e/ou versões com suporte de casquilho E-27, consulte a Equipa de Vendas.
Для опции с одной лампой и/или с патроном E-27 обращайтесь к нашим менеджерам
Dla wersji o jednej lampie i/lub wersji z oprawkami E-27, proszę skonsultować się z działem handlowym.

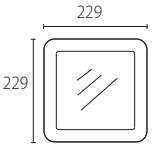
* Posibilidad de servir estas referencias sin equipo. Consulte a nuestro Equipo Comercial

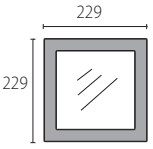


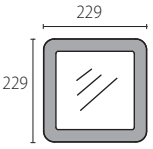




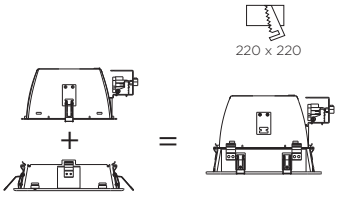




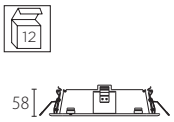


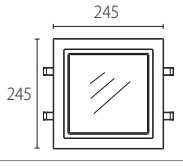


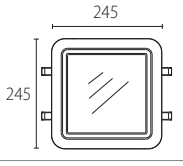
Arenado / Sandblasted / Sablé / Sandgestrahlt / Sabbiato / Areado / Матовое / Piaskowany	IP 54	**ACT-9110-14-B9**	**ACT-9111-14-B9**	**ACT-9110-N3-B9**	**ACT-9111-N3-B9**
Semiarenado / Semi-sand-blasted / Demi sablé/ Halb-sandgestrahlt / Semi-sabbiato / Semiareado / Полуматовое / Częściowo piaskowany	IP 54	**ACT-9115-14-F1**	**ACT-9116-14-F1**	**ACT-9115-N3-F1**	**ACT-9116-N3-F1**
Serigrafiado / Silkscreened / Sérigraphié/ Siebdruck / Serigrafato /Serigrafado / С трафаретной печатью / Z sitodrukiem	IP 54	**ACT-9119-14-H6**	**ACT-9120-14-H6**	**ACT-9119-N3-H6**	**ACT-9120-N3-H6**

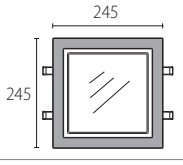


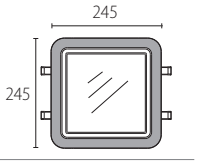








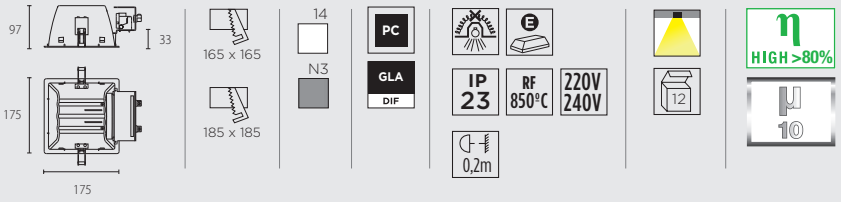


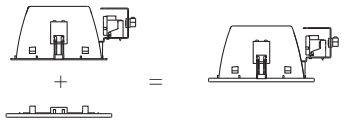


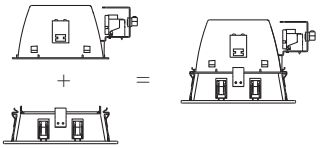
Arenado / Sandblasted / Sablé / Sandgestrahlt / Sabbiato / Areado / Матовое / Piaskowany	IP 54	**ACT-9112-14-B9**	**ACT-9113-14-B9**	**ACT-9112-N3-B9**	**ACT-9113-N3-B9**
Semiarenado / Semi-sand-blasted / Demi sablé/ Halb-sandgestrahlt / Semi-sabbiato / Semiareado / Полуматовое / Częściowo piaskowany	IP 54	**ACT-9117-14-F1**	**ACT-9118-14-F1**	**ACT-9117-N3-F1**	**ACT-9118-N3-F1**
Serigrafiado / Silkscreened / Sérigraphié/ Siebdruck / Serigrafato /Serigrafado / С трафаретной печатью / Z sitodrukiem	IP 54	**ACT-9121-14-H6**	**ACT-9122-14-H6**	**ACT-9121-N3-H6**	**ACT-9122-N3-H6**

MINI FRAME







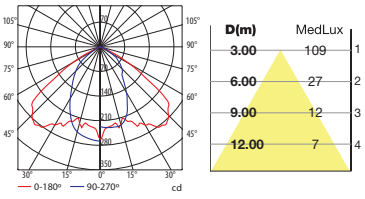


TC-DEL

G24q-2

DN-1662-14-00 (S)	☐		1x18W	*
DN-1666-14-00	☐		2x18W	

TC-DEL G24q-2 1X18W



η=50%

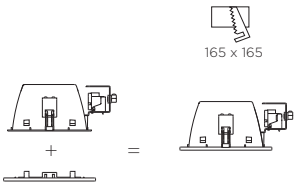
TC-TEL

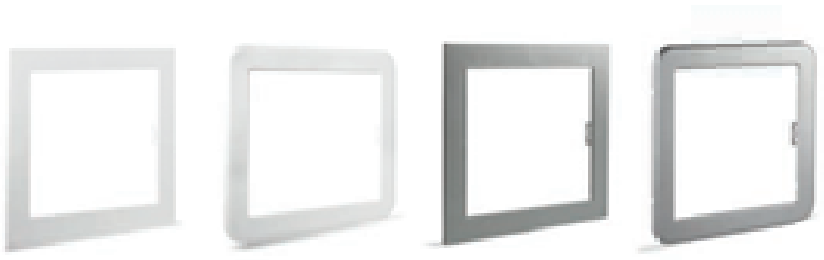
GX24q-3

DN-1663-14-00 (S)	☐		1x26W	*
DN-1667-14-00	☐		2x26W	

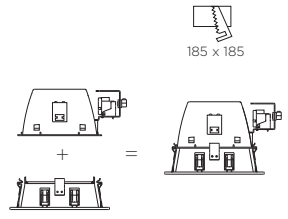
Para versiones con una lámpara y/o versiones con portalámparas E-27, consulte con Equipo Comercial.
For versions with one lamp and/or versions with an E-27 light bulb socket, please contact your sales representative.
Pour les versions à une lampe et/ou les versions à douille E-27, adressez-vous à l'équipe commerciale.
Für Ausführungen mit einem Leuchtmitter und/oder Ausführungen mit Lampenfassung E-27 wenden Sie sich bitte an unseren Vertrieb.
Per versioni con una lampada e/o versioni con portalampada E-27, consultare lo staff commerciale.
Para versões com uma lâmpada e/ou versões com suporte de casquilho E-27, consulte a Equipa de Vendas.
Для опции с одной лампой и/или с патроном E-27 обращайтесь к нашим менеджерам
Dla wersji o jednej lampie i/lub wersji z oprawkami E-27, proszę skonsultować się z działem handlowym.

* Posibilidad de servir estas referencias sin equipo. Consulte a nuestro Equipo Comercial





14 20		192 192	192 192	192 192	192 192
Arenado / Sandblasted / Sablé / Sandgestrahlt / Sabbiato / Areado / Матовое / Piaskowany	IP 54	**ACT-9138-14-T2**	**ACT-9139-14-T2**	**ACT-9138-N3-T2**	**ACT-9139-N3-T2**
Semiarenado / Semi-sand-blasted / Demi sablé/ Halb-sandgestrahlt / Semi-sabbiato / Semiareado / Полуматовое / Częściowo piaskowany	IP 54	**ACT-9142-14-T2**	**ACT-9143-14-T2**	**ACT-9142-N3-T2**	**ACT-9143-N3-T2**
Serigrafiado / Silkscreened / Sérigraphié/ Siebdruck / Serigrafato /Serigrafado / С трафаретной печатью / Z sitodrukiem	IP 54	**ACT-9146-14-H6**	**ACT-9147-14-H6**	**ACT-9146-N3-H6**	**ACT-9147-N3-H6**

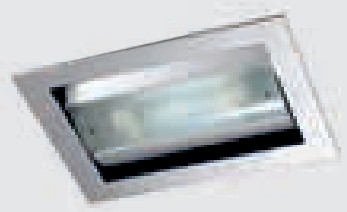


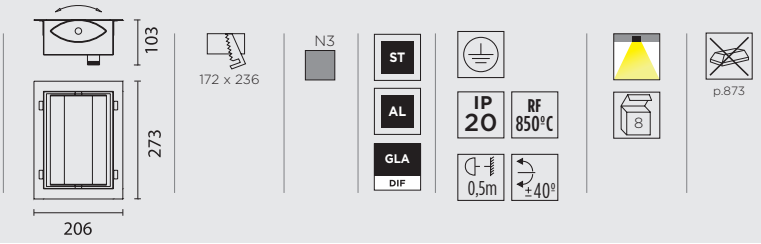


12 58		208 208	208 208	208 208	208 208
Arenado / Sandblasted / Sablé / Sandgestrahlt / Sabbiato / Areado / Матовое / Piaskowany	IP 54	**ACT-9140-14-T2**	**ACT-9141-14-T2**	**ACT-9140-N3-T2**	**ACT-9141-N3-T2**
Semiarenado / Semi-sand-blasted / Demi sablé/ Halb-sandgestrahlt / Semi-sabbiato / Semiareado / Полуматовое / Częściowo piaskowany	IP 54	**ACT-9144-14-T2**	**ACT-9145-14-T2**	**ACT-9144-N3-T2**	**ACT-9145-N3-T2**
Serigrafiado / Silkscreened / Sérigraphié/ Siebdruck / Serigrafato /Serigrafado / С трафаретной печатью / Z sitodrukiem	IP 54	**ACT-9148-14-H6**	**ACT-9149-14-H6**	**ACT-9148-N3-H6**	**ACT-9149-N3-H6**



VITRO



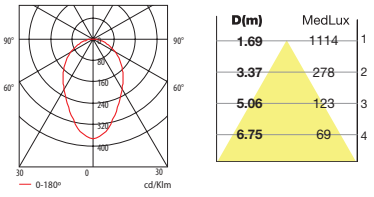


HIT-DE

RX7s

DN-0276-N3-B9(S)	70W	
DN-0750-N3-B9 (S)	150W	

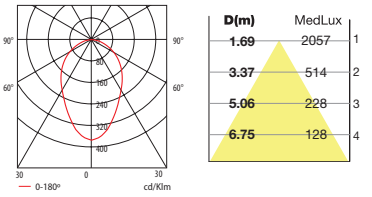
HIT-DE RX7s 70W



D(m)	MedLux	
1.69	1114	1
3.37	278	2
5.06	123	3
6.75	69	4

η=73%

HIT-DE RX7s 150W



D(m)	MedLux	
1.69	2057	1
3.37	514	2
5.06	228	3
6.75	128	4

η=73%



TECHNICAL

FLUORESCENT LINEAL LIGHTING SYSTEMS

SISTEMAS DE FLUORESCENCIA LINEAL
SYSTÈMES À FLUORESCENCE LINÉAIRE
LINEALE LEUCHTSTOFFRÖHRENSYSTEME
SISTEMI DI FLUORESCENZA LINEARE
SISTEMAS LINEARES DE ILUMINAÇÃO FLUORESCENTE
ЛИНЕЙНЫЕ ЛЮМИНЕСЦЕНТНЫЕ СИСТЕМЫ
LINIOWE SYSTEMY FLUORESCENCYJNE

	INFINITE	INFINITE C
		
	P. 174	**P. 171**
	■	■
	■	■
	■	■
	■	
1 X TL5/G5	■	■
2 X TL5/G5	■	■
39W (900mm)	■	
54W (1200mm)	■	
80W (1500mm)	■	
XXXX mm		■
	■	
	■	■
	■	
N3	■	■
14	■	■
	■	■



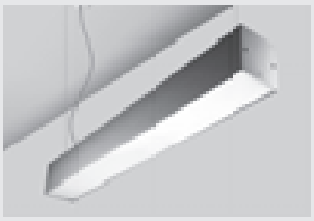
INFINITE C

Sistema de iluminación continua / Continuous lighting system / Système d'éclairage continu / System zur kontinuierlichen Beleuchtung / Sistema di illuminazione continua / Sistema de iluminação contínua / Система непрерывного освещения/ System ciągłego oświetlania

Accesorios incluidos en todas las luminarias / Accessories included in all luminaries / Accessoires inclus dans tous les luminaires / Zubehöre bei allen Leuchten inklusive / Acessórios incluídos em todas as luminárias / Accessori contenuti in tutte le lampade / Аксессуары, включенные для всех светильников / Łącznie z akcesoriami we wszystkich oprawach oświetleniowych

IP 20 | RF 850°C | 230V | AL | PC DIF

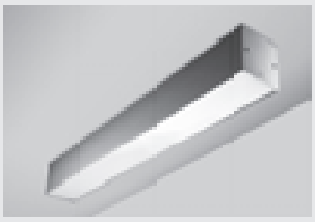
Suspendida / Suspended / En suspension / Hängelampe / A sospensione / Suspensa / Подвесной / Zawieszona



14 N3



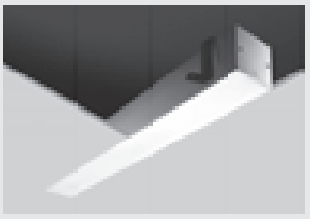
Adosada / Surface mounted / En surface / Aufbau / Montata in superficie / Montada em superficie / Поверхностный / Przylegająca



14 N3



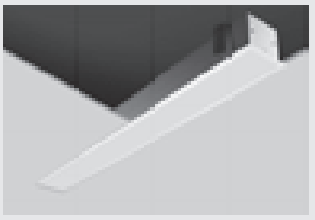
Empotrada trimless / Trimless recessed / Encastré « trimless » / A incasso trimless / Encastrada sem aro / Встроенная без рамки/ Wbudowana typu trimless (bez obrzeża)



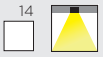
14 N3



Empotrada trim / Recessed with trim / Encastré « trim » / Trim-Einbau / Trimless-Einbau / A incasso trim / Encastrada com aro / Встроенный с рамкой / Wbudowana typu trim (z obrzeżem)



14



Policarbonato / Polycarbonate / Polycarbonate / Polykarbonat / Policarbonato / Policarbonato / Поликарбонат / Poliwęglan

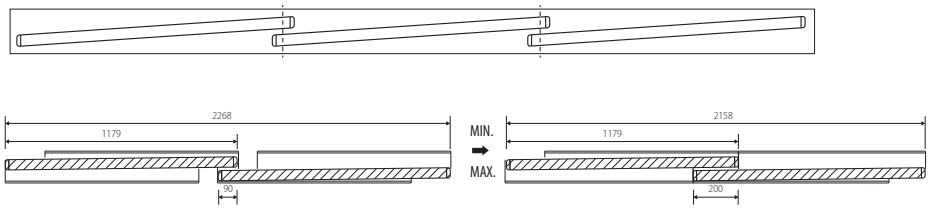




SISTEMA OVERLAPPING / OVERLAPPING SYSTEM / SYSTÈME DE CHEVAUCHEMENT « OVERLAPPING » / OVERLAPPING-SYSTEM / SISTEMA OVERLAPPING / SISTEMA OVERLAPPING / СИСТЕМА OVERLAP / SYSTEM ZACHODZENIA NA SIEBIE

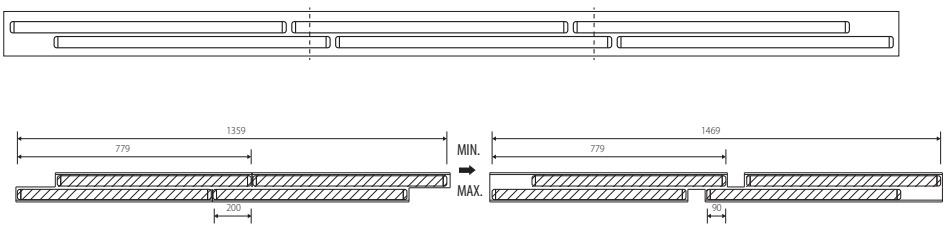
1 LÁMPARA / 1 LAMP / 1 LAMPE / 1 T5 / 1 LAMPADA / 1 LÂMPADA / 1 ЛАМПОЙ / 1 LAMPĄ

Ejemplo / Example / Exemple / Beispiel / Esempio / Exemplo / Пример / Przykład



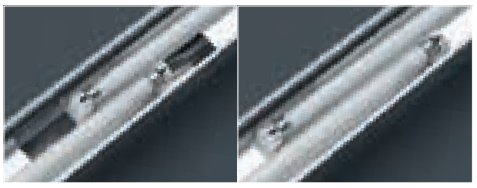
2 LÁMPARAS / 2 LAMPS / 2 LAMPES / 2 T5 / 2 LAMPADE / 2 LÂMPADAS / 2 ЛАМПАМИ / 2 LAMPAMI

Ejemplo / Example / Exemple / Beispiel / Esempio / Exemplo / Пример / Przykład

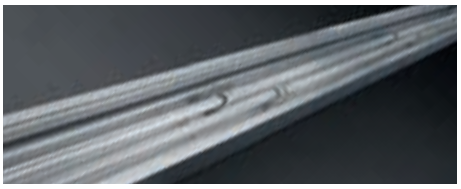




Fácil instalación / Easy installation / Installation facile/ Einfacher Einbau / Facile installazione / Instalação fácil / Простой монтаж / Łatwy montaż



Sistema overlapping / Overlapping system / Système de chevauchement « overlapping » / Overlapping-System / SIstema overlapping / Sistema de sobreposição "overlapping" / Система overlap / System zachodzenia na siebie



INSTALACIÓN EMPOTRADO TRIMLESS / TRIMLESS RECESSED INSTALLATION / INSTALLATION ENCASTRÉE « TRIMLESS » / EINBAUMONTAGE OHNE RAMEN / INSTALLAZIONE A INCASSO TRIMLESS / INSTALAÇÃO ENCASTRADA SEM ARO / ВСТРОЕННЫЙ МОНТАЖ БЕЗ РАМКИ / INSTALACJA WBUDOWANA TYPU TRIMLESS (BEZ OBRZEŻA)ВСТРОЕННЫЙ



Kits de rápida instalación. Ajustable a techos de 5mm a 25 mm.
Quick installation kits. Ajustable to the ceiling thickness from 5mm to 25mm.
Kits d'installation rapide. Adaptable à plafonds de 5 mm à 25 mm.
Kits zur schnellen Installation. Für Decken von 5 mm bis 25 mm regulierbar.
Kit di installazione rapida. Regolabile su soffitti da 5mm a 25mm.
Kits de instalação rápida. Ajustável a tectos de 5 mm a 25 mm.
Набор для быстрого монтажа. Расчитан на потолки толщиной от 5 до 25 мм.
Zestawy do szybkiego montażu. Regulowane do sufitów wynoszących od 5mm do 25mm.

INSTALACIÓN EMPOTRADO TRIM / TRIM RECESSED INSTALLATION / INSTALLATION ENCASTRÉE TRIM / EINBAUMONTAGE MIT RAHMEN / INSTALLAZIONE A INCASSO TRIM / INSTALAÇÃO ENCASTRADA COM ARO / ВСТРОЕННЫЙ МОНТАЖ С РАМКОЙ / INSTALACJA WBUDOWANY TYPU TRIM (Z OBRZEŻEM) ВСТРОЕННЫЙ МОНТАЖ С РАМКОЙ

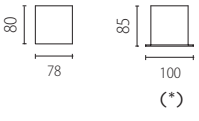


INFORMACIÓN PARA EFECTUAR EL PEDIDO / ORDERING INFORMATION / INFORMATIONS NÉCESSAIRES À LA COMMANDE / INFORMATION FÜR BESTELLUNGEN / COME EFFETTUARE L'ORDINE / INFORMAÇÕES NECESSÁRIAS PARA EFETUAR A ENCOMENDA / ИНФОРМАЦИЯ ДЛЯ ОФОРМЛЕНИЯ ЗАКАЗА / INFORMACJE DLA DOKONANIA ZAMÓWIENIA

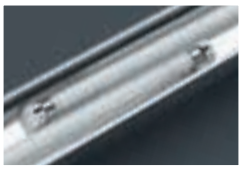
Sistema de codificación / Codification system / Système de codification / Zusammensetzung der Bestellnummern / Sistema di codificazione / Sistema de codificação / Система кодификации / System kodowania

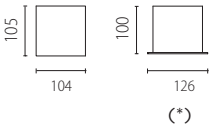
PASO 1 / STEP 1 / ÉTAPE 1/ SCHRITT 1 / FASE 1 / PASSO 1 / ШАГ 1/ KROK 1

Elija el perfil para 1 o 2 lámparas T5 / Choose the profil for 1 or 2 T5 lamps / Choisisez le profil pour 1 ou 2 lampes T5 / Profil für 1 oder 2 Lampen vom Typ T5 auswählen / Scegliere il profilo per 1 o 2 lampade T5 / Escolha o perfil para 1 ou 2 lâmpadas T5 / Выберите профиль для 1 или 2 ламп T5 / Proszę wybrać profil dla 1 lub 2 lamp T5

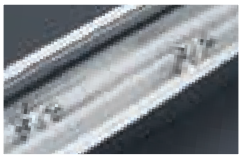


L1: Lineal continuo de 1 lámpara T5
Continuous lineal for 1 T5 lamp
Linéaire continu 1 lampe T5
Kontinuierlich lineal mit 1 T5-Lampe
Lineare continuo di 1 lampada T5
Linear contínuo de 1 lâmpada T5
Линейный светильник непрерывного освещения на 1 лампу T5
Liniowy stały dla 1 lampy T5





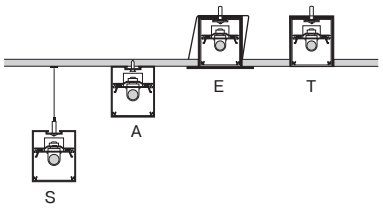
L2: Lineal continuo de 2 lámparas T5
Continuous lineal for 2 T5 lamps
Linéaire continu 2 lampes T5
Kontinuierlich lineal mit 2 T5-Lampen
Lineare continuo di 2 lampade T5
Linear contínuo de 2 lâmpadas T5
Линейный светильник непрерывного освещения на 2 лампы T5
Liniowy stały dla 2 lamp T5



Para versiones empotradas, perfil con marco. / For recessed versions, profile with trim. / Pour versions encastrées, profil avec cadre / Für Einbaumodelle Profil mit Rahmen wählen / Per versioni a incasso, profilo con bordo / Para versões encastradas, perfil com aro / Для встроенных моделей – профиль с рамкой / Dla wersji wbudowanych profil z obramowaniem

PASO 2 / STEP 2 / ÉTAPE 2/ SCHRITT 2 / PASSO 2 / FASE 2/ ШАГ 2/ KROK 2

Elija su aplicación / Choose your application / Choisissez votre application / Montageart wählen / Scegliere applicazione / Escolha a sua aplicação / Выберите тип монтажа / Proszę wybrać swoje zastosowanie



S: Suspendido / Suspended / En suspension / Aufhängung / A sospensione / Suspensa / Подвесной / Zawieszona
A: Adosado / Surface mounted / En surface / Aufbaumontage / Montata in superficie / Montada em superfície / Поверхностный / Przylegająca
E: Empotrado / Recessed / Encastré / Einbaumontage / Ad incasso / Encastrada / Встроенный / Wbudowany
T: Empotrada trimless / Trimless recessed / Encastré « trimless » / Einbaumontage ohne Rahmen / Ad incasso trimless / Encastrada sem aro / Встроенный без рамки / Wbudowana typu trimless (bez obrzeża)

PASO 3 / STEP 3 / ÉTAPE 3/ SCHRITT 3 / PASSO 3 / FASE 3/ ШАГ 3/ KROK 3

Elija la longitud que necesite en milímetros (5 digitos) / Choose the length required in millimeters (5 digits) / Choisissez la longueur nécessaire en millimètres (5 chiffres) / Länge in mm wählen (5 Stellen) / Escolha o comprimento necessário em milímetros (5 dígitos) / Scegliere la lunghezza necessaria in millimetri (5 cifre) / Выберите необходимую длину в мм (5 знаков) / Proszę wybrać długość jaką potrzebuje się w milimetrach (5 cyfr)

Ejemplo/ Example / Exemple / Beispiel / Exemplo / Esempio / Пример / Przykład:

02530 = 2,53 metros/ 2,53 meters
02570 = 2,57 metros/ 2,57 meters
10680 = 10,68 metros/ 10,68 meters

PASO 4 / STEP 4 / ÉTAPE 4/ SCHRITT 4 / PASSO 4 / FASE 4/ ШАГ 4/ KROK 4

Haga su pedido / Make your order / Passez commande / Bestellung aufgebe / Faça a sua encomenda / Effettuare l'ordine / Оформите заказ / Proszę wykonać zamówienie

1		2		3
N°. lámparas t5 #t5 lamps Nombre de lampes T5 Anzahl T5-Lampen N° di lampade T5 N.° lâmpadas T5 Кол-во ламп T5 Ilość lamp T5		aplicación application application Montageart Applicazione Aplicação Монтаж Zastosowanie		longitud en mm length in mm Longueur en mm Länge in mm Lunghezza in mm Comprimento em mm Длина в мм Długość w mm
L1 L2	-	S A E T	-	XXXXX

Ejemplo/ Example / Exemple / Beispiel / Esempio / Exemplo / Пример / Przykład:

L1-A-02530 =
Lineal continuo de 1 T5 adosado de 2, 53 metros.
Surfaced mounted continuous row for 1 T5 lamp with 2,53 meters.
Linéaire continu de 1 T5 en surface de 2,53 mètres
Kontinuierlich lineal mit 1 x T5, Oberfläche, 2,53 m.
Lineare continuo di 1 T5 montata in superficie di 2,53 metri
Linear contínuo de 1 T5 montada à superfície de 2,53 metros.
Линейный светильник непрерывного освещения на 1 лампу T5, для поверхностного монтажа длиной 2,53 метра
Liniowy stały 1 T5 przylegający o 2,53 metra

Para versiones con regulación DALI o 1..10V consulte con su comercial.
Para elegir la potencia (39W-54W-80W) consulte con su comercial.
Para realizar combinaciones con tramos ciegos consulte con su comercial.
Para versiones empotradas con perfil sin marco consulte con su comercial.

For versions with Dali dimmable system
or 1 to 10v, please contact your sales representative.
To choose the desired power,
please contact your sales representative.
To achieve blind sections, please contact your sales representative.
For trimmless recessed versions, please contact your sales representative.

Consultez votre commercial pour les versions à réglage DALI ou 1-10 V.
Consultez votre commercial pour choisir la puissance (39W-54W-80W).
Consultez votre commercial pour réaliser des combinaisons à portions aveugles.
Consultez votre commercial pour les versions encastrées à profil sans cadre.

Für Ausführungen mit DALI-REGULIERUNG oder 1..10V wenden Sie sich bitte an Ihren Händler.
Um die passende Leistung zu wählen (39W-54W-80W), wenden Sie sich bitte an Ihren Händler.
Für Kombinationen mit Blindabschnitten wenden Sie sich bitte an unseren vertrieb.
Für Einbaumodelle mit Profil ohne Rahmen wenden Sie sich bitte an unseren vertrieb.

Per versioni con regolazione DALI o 1..10V, consultare il proprio commerciale.
Per scegliere la potenza (39W-54W-80W) consultare il proprio commerciale.
Per realizzare combinazioni con tratto cieco consultare il proprio commerciale. OK
Per versioni a incasso con profilo senza bordo consultare il proprio commerciale.

Para versões com regulação DALI 1...10 V, consulte o seu comercial
Para escolher a potência desejada (39 W/54 W/80 W) consulte o seu comercial
Para realizar combinações com secções cegas consulte o seu comercial
Para versões encastradas com perfil sem aro consulte o seu comercial

По поводу моделей с регулировкой DALI или 1-10 вольт, обращайтесь к нашим менеджерам
Для выбора энергопотребления (39 - 54 – 80 ватт) обратитесь к менеджеру.
По вопросам комбинации ламп и глухих участков обращайтесь к менеджеру
Насчет моделей, встраиваемых без использования рамки, обращайтесь к менеджеру

Dla wersji z regulacją DALI lub 1...10V, proszę skonsultować się ze swoim handlowcem
Dla wybrania mocy (39W-54W-80W) proszę skonsultować się z Państwa handlowcem.
Dla wykonania zestawień ze ślepymi odcinkami proszę skonsultować się z Państwa handlowcem
Dla wersji wbudowanych o profilu bez obramowania proszę skonsultować się z Państwa handlowcem

INFINITE
1XT5

Todas las luminarias vienen suministradas con tapas y balastro electrónico. / All luminaries are supplied with end caps and electronic ballast. / Tous les luminaires sont fournis avec caches et ballast électronique / Alle Leuchten werden mit Deckeln und elektronischem Vorschaltgerät geliefert / Tutte le lampade vengono fornite con coperchi e ballast elettronico / Todas as luminárias são fornecidas com topos e balastro electrónico./ Все светильники поставляются с заглушками и электронным балластом / Wszystkie oprawy oświetleniowe są dostarczane z Zaślepkami i statecznikiem elektronicznym.

14 N3 | AL | PC DIF | IP 20 | RF 850°C | 230V | (*)

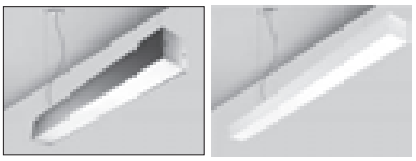
p.179

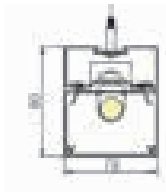


Policarbonato / Polycarbonate / Polycarbonate / Polykarbonat / Policarbonato / Policarbonato / Поликарбонат / Poliwęglan

39W (900mm)	**AD-0659-N3-00**	■	(standard)
39W (900mm)	**AD-0683-N3-00**	■	(1-10v)
39W (900mm)	**AD-0694-N3-00**	■	(DALI)
54W (1200mm)	**AD-0660-14-00**	□	(standard)
54W (1200mm)	**AD-0660-N3-00**	■	(standard)
54W (1200mm)	**AD-0684-14-00**	□	(1-10v)
54W (1200mm)	**AD-0684-N3-00**	■	(1-10v)
54W (1200mm)	**AD-0695-14-00**	□	(DALI)
54W (1200mm)	**AD-0695-N3-00**	■	(DALI)
80W (1500mm)	**AD-0661-N3-00**	■	(standard)
80W (1500mm)	**AD-0685-N3-00**	■	(1-10v)
80W (1500mm)	**AD-0696-N3-00**	■	(DALI)

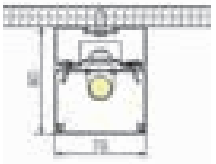
Suspendida / Suspended / En suspension / Hängeleuchte / A sospensione / Suspensa / Подвесной / Zawieszona



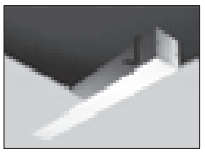


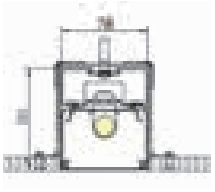
Adosada / Surface mounted / En surface / Aufbauleuchte / Montata in superficie / Montada em superficie / Поверхностный / NatynkowA





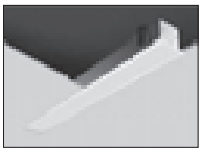
Empotrada trimless / Trimless recessed / Encastré « trimless » / Einbauleuchte ohne Rahmen / A incasso trimless / Encastrada sem aro / Встроенный без рамки / Wbudowana typu trimless (bez obrzeża)

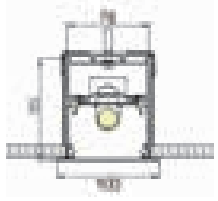




39W (900mm)	**EP-1620-14-00**	□	(standard)
	EP-1643-14-00	□	(1-10v)
	EP-1654-14-00	□	(DALI)
54W (1200mm)	**EP-1621-14-00**	□	(standard)
	EP-1644-14-00	□	(1-10v)
	EP-1655-14-00	□	(DALI)
80W (1500mm)	**EP-1622-14-00**	□	(standard)
	EP-1645-14-00	□	(1-10v)
	EP-1656-14-00	□	(DALI)

Empotrada trim / Recessed with trim / Encastré « trim » / Einbauleuchte mit Rahmen / A incasso trim / Encastrada com aro / Встроенная с рамкой / Wbudowana typu trim (z obrzeżem)



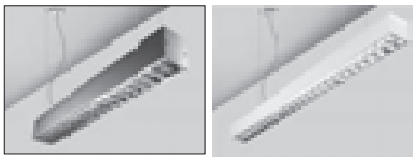


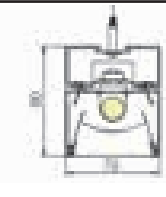


Doble parabólica / Double parabolic / Double parabole / Doppelparabol / Doppia parabola / Dupla parabólica/ Двойной параболический / Podwójna parabola

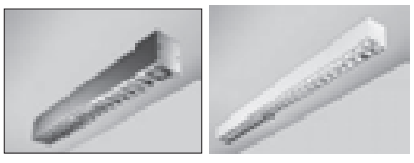
39W (900mm)	**AD-0656-N3-00**	■	(standard)
39W (900mm)	**AD-0680-N3-00**	■	(1-10v)
39W (900mm)	**AD-0691-N3-00**	■	(DALI)
54W (1200mm)	**AD-0657-14-00**	□	(standard)
54W (1200mm)	**AD-0657-N3-00**	■	(standard)
54W (1200mm)	**AD-0681-14-00**	□	(1-10v)
54W (1200mm)	**AD-0681-N3-00**	■	(1-10v)
54W (1200mm)	**AD-0692-14-00**	□	(DALI)
54W (1200mm)	**AD-0692-N3-00**	■	(DALI)
80W (1500mm)	**AD-0658-N3-00**	■	(standard)
80W (1500mm)	**AD-0682-N3-00**	■	(1-10v)
80W (1500mm)	**AD-0693-N3-00**	■	(DALI)

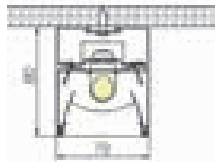
Suspendida / Suspended / En suspension / Hängeleuchte / A sospensione / Suspensa / Подвесной / Zawieszona



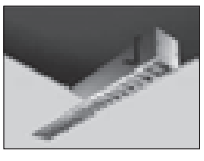


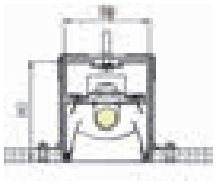
Adosada / Surface mounted / En surface / Aufbauleuchte / Montata in superficie / Montada em superficie / Поверхностный / NatynkowA





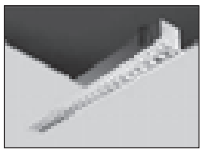
Empotrada trimless / Trimless recessed / Encastré « trimless » / Einbauleuchte ohne Rahmen / A incasso trimless / Encastrada sem aro / Встроенный без рамки / Wbudowana typu trimless (bez obrzeża)

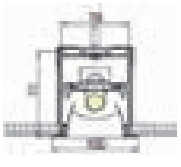




39W (900mm)	**EP-1617-14-00**	□	(standard)
	EP-1640-14-00	□	(1-10v)
	EP-1651-14-00	□	(DALI)
54W (1200mm)	**EP-1618-14-00**	□	(standard)
	EP-1641-14-00	□	(1-10v)
	EP-1652-14-00	□	(DALI)
80W (1500mm)	**EP-1619-14-00**	□	(standard)
	EP-1642-14-00	□	(1-10v)
	EP-1653-14-00	□	(DALI)

Empotrada trim / Recessed with trim / Encastré « trim » / Einbauleuchte mit Rahmen / A incasso trim / Encastrada com aro / Встроенная с рамкой / Wbudowana typu trim (z obrzeżem)





* Posibilidad de servir estas referencias sin equipo. Consulte a nuestro Equipo Comercial

Accesorios / Accessories / Accesoires / Zubehöre / Accessori / Acessórios / Акссесуары / Akcesoria

Necesarios / Required / Nécessaires/ Notwendig / Indispensabili / Necessários / Необходимые / Konieczne

Opcionales / Optional / En option / Optional / Opzionale / Opcionais / По желанию / Do wyboru



ACT-9091-N3-00 ■
2 units/ref

Sirgas / Steel cord / Câble de suspension / Stahlkabel / Cavi in acciaio / Cabos de suspensão / Тросы / Liny

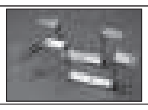


ACT-9090-14-00 □
ACT-9090-N3-00 ■
(standard)

Florón / Power supply unit / Base d'alimentation/ Netzteil / Base d'alimentazione / Base de alimentação / Защитно-декоративный колпачок / Podsufitka



ACT-9083-N3-00 ■
(1-10V or DALI)



(78mm)

ACT-9092-00-00 2 units/ref

Kit para empotrar perfil trimless / Trimless recessed kit / Kit d'encastrement profil « trimless» / Einbaukit Profil ohne Rahmen/ Kit per incasso profilo trimless / Kit para encastrar o perfil sem aro / Набор для встроенного монтажа профиля без рамки / Zestaw do wbudowania profili typu trimless (bez obrzeża)



(100mm)

INCLUDED

Kit para empotrar perfil trim/ Trim recessed kit / Kit d'encastrement profil « trim » / Einbaukit Profil mit Rahmen / Kit per incasso profilo trim / Kit para encastrar o perfil com aro / Набор для встроенного монтажа профиля с рамкой / Zestaw do wbudowania profilu typu trim (z obrzeżem)



(78mm)

ACT-9114-00-00

Kit unión perfil / Profile union kit / Kit de raccord profil / Verbindungskit Profil / Kit di unione profilo / Kit de união perfil / Набор соединительный для профиля / Zestaw łączący profil



(78mm)

ACT-9150-14-M1 □
ACT-9150-N3-M1 ■

Conector 90° con difusor policarbonato / L-shape connector + PC cover / Connecteur 0° avec diffuseur polycarbonate / 90-Grad-Stecker mit Diffusor aus Polykarbonat / Connettore 90° con diffusore di policarbonato / Conector 90° com difusor de policarbonato / Уголок соединительный L-образный с рассеивателем из поликарбоната / Złączka 90° z poliwęglanowym dyfuzorem



(78mm)

ACT-9154-14-M1 □
ACT-9154-N3-M1 ■

Conector T con difusor policarbonato / T-shape connector + PC cover / Connecteur en T avec diffuseur polycarbonate / T-Stecker mit Diffusor aus Polykarbonat / Connettore a T con diffusore di policarbonato / Conector T com difusor de policarbonato / Соединитель Т-образный с рассеивателем из поликарбоната / Złączka w kształcie T z poliwęglanowym dyfuzorem



(100mm)

ACT-9096-00-00

Kit unión perfil / Profile union kit / Kit de raccord profil / Verbindungskit Profil / Kit di unione profilo / Kit de união perfil / Набор соединительный для профиля / Zestaw łączący profil



(100mm)

ACT-9152-14-M1 □

Conector 90° con difusor policarbonato / L-shape connector + PC cover / Connecteur 0° avec diffuseur polycarbonate / 90-Grad-Stecker mit Diffusor aus Polykarbonat / Connettore 90° con diffusore di policarbonato /Conector 90° com difusor de policarbonato / Уголок соединительный L-образный с рассеивателем из поликарбоната / Złączka 90° z poliwęglanowym dyfuzorem



ACT-9091-N3-00 ■
2 units/ref

Sirgas / Steel cord / Câble de suspension / Stahlkabel / Cavi in acciaio / Cabos de suspensão / Тросы / Liny

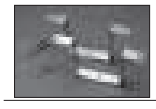


ACT-9090-14-00 □
ACT-9090-N3-00 ■
(standard)

Florón / Power supply unit / Base d'alimentation/ Netzteil / Base d'alimentazione / Base de alimentação / Защитно-декоративный колпачок / Podsufitka



ACT-9083-N3-00 ■
(1-10V or DALI)



(78mm)

ACT-9092-00-00 ■ 2 units/ref

Kit para empotrar perfil trimless / Trimless recessed kit / Kit d'encastrement profil « trimless» / Einbaukit Profil ohne Rahmen/ Kit per incasso profilo trimless / Kit para encastrar o perfil sem aro / Набор для встроенного монтажа профиля без рамки / Zestaw do wbudowania profili typu trimless (bez obrzeża)



(100mm)

INCLUDED

Kit para empotrar perfil trim/ Trim recessed kit / Kit d'encastrement profil « trim » / Einbaukit Profil mit Rahmen / Kit per incasso profilo trim / Kit para encastrar o perfil com aro / Набор для встроенного монтажа профиля с рамкой / Zestaw do wbudowania profilu typu trim (z obrzeżem)



(78mm)

ACT-9114-00-00

Kit unión perfil / Profile union kit / Kit de raccord profil / Verbindungskit Profil / Kit di unione profilo / Kit de união perfil / Набор соединительный для профиля / Zestaw łączący profil



(100mm)

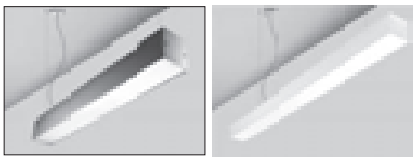
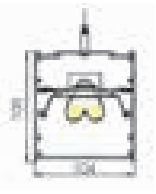
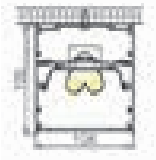
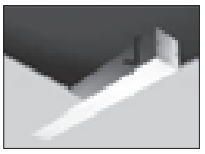
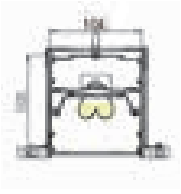
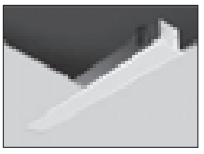
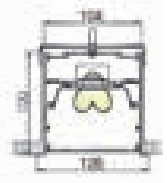
ACT-9096-00-00

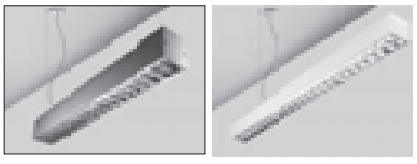
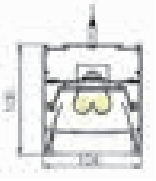
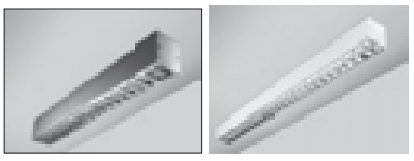
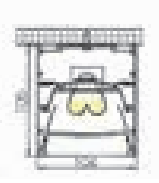
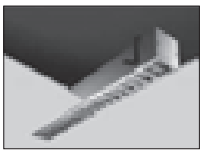
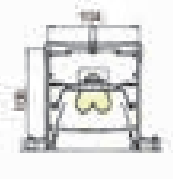
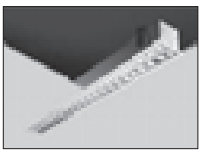
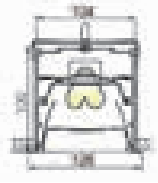
Kit unión perfil / Profile union kit / Kit de raccord profil / Verbindungskit Profil / Kit di unione profilo / Kit de união perfil / Набор соединительный для профиля / Zestaw łączący profil

INFINITE
2XT5

Todas las luminarias vienen suministradas con tapas y balastro electrónico. / All luminaries are supplied with end caps and electronic ballast. / Tous les luminaires sont fournis avec caches et ballast électronique / Alle Leuchten werden mit Deckeln und elektronischem Vorschaltgerät geliefert / Tutte le lampade vengono fornite con coperchi e ballast elettronico / Todas as luminárias são fornecidas com topos e balastro electrónico./ Все светильники поставляются с заглушками и электронным балластом / Wszystkie oprawy oświetleniowe są dostarczane z Zaślepkami i statecznikiem elektronicznym.

14 N3 | AL | PC DIF | IP 20 | RF 850°C | 230V | (*) | p.179

 Policarbonato / Polycarbonate / Polycarbonate / Polykarbonat / Policarbonato / Policarbonato / Поликарбонат / Poliwęglan	2x39W (900mm)	**AD-0665-N3-00** ■ (standard)	Suspendida Suspended En suspension Hängeleuchte A sospensione Suspensa Подвесной Zawieszona			
	2x39W (900mm)	**AD-0689-N3-00** ■ (1-10v)				
	2x39W (900mm)	**AD-0700-N3-00** ■ (DALI)				
	2x54W (1200mm)	**AD-0666-14-00** □ (standard)	Adosada Surface mounted En surface Aufbauleuchte Montata in superficie Montada em superficie Поверхностный NatynkowA			
	2x54W (1200mm)	**AD-0666-N3-00** ■ (standard)				
	2x54W (1200mm)	**AD-0690-14-00** □ (1-10v)				
	2x54W (1200mm)	**AD-0690-N3-00** ■ (1-10v)				
	2x54W (1200mm)	**AD-0701-14-00** □ (DALI)	Empotrada trimless Trimless recessed Encastré « trimless » Einbauleuchte ohne Rahmen A incasso trimless Encastrada sem aro Встроенный без рамки Wbudowana typu trimless (bez obrzeża)			
	2x54W (1200mm)	**AD-0701-N3-00** ■ (DALI)				
	2x39W (900mm)	**EP-1626-14-00** □ (standard)	Empotrada trim Recessed with trim Encastré « trim » Einbauleuchte mit Rahmen A incasso trim Encastrada com aro Встроенная с рамкой Wbudowana typu trim (z obrzeżem)			
		EP-1649-14-00 □ (1-10V)				
		EP-1660-14-00 □ (DALI)				
	2x54W (1200mm)	**EP-1627-14-00** □ (standard)				
		EP-1650-14-00 □ (1-10V)				
		EP-1661-14-00 □ (DALI)				

 Doble parabólica / Double parabolic/ Double parabole/ Doppelparabol/ Doppia parabola / Dupla parabólica/ Двойной параболический / Podwójna parabola	2x39W (900mm)	**AD-0662-N3-00** ■ (standard)	Suspendida Suspended En suspension Hängeleuchte A sospensione Suspensa Подвесной Zawieszona			
	2x39W (900mm)	**AD-0686-N3-00** ■ (1-10V)				
	2x39W (900mm)	**AD-0697-N3-00** ■ (DALI)				
	2x54W (1200mm)	**AD-0663-14-00** □ (standard)				
	2x54W (1200mm)	**AD-0663-N3-00** ■ (standard)	Adosada Surface mounted En surface Aufbauleuchte Montata in superficie Montada em superficie Поверхностный NatynkowA			
	2x54W (1200mm)	**AD-0687-14-00** □ (1-10V)				
	2x54W (1200mm)	**AD-0687-N3-00** ■ (1-10V)				
	2x54W (1200mm)	**AD-0698-14-00** □ (DALI)	Empotrada trimless Trimless recessed Encastré « trimless » Einbauleuchte ohne Rahmen A incasso trimless Encastrada sem aro Встроенный без рамки Wbudowana typu trimless (bez obrzeża)			
	2x54W (1200mm)	**AD-0698-N3-00** ■ (DALI)				
	2x80W (1500mm)	**AD-0664-N3-00** ■ (standard)				
	2x80W (1500mm)	**AD-0688-N3-00** ■ (1-10V)				
	2x80W (1500mm)	**AD-0699-N3-00** ■ (DALI)				
	2x39W (900mm)	**EP-1623-14-00** □ (standard)	Empotrada trim Recessed with trim Encastré « trim » Einbauleuchte mit Rahmen A incasso trim Encastrada com aro Встроенная с рамкой Wbudowana typu trim (z obrzeżem)			
		EP-1646-14-00 □ (1-10V)				
		EP-1657-14-00 □ (DALI)				
	2x54W (1200mm)	**EP-1624-14-00** □ (standard)				
		EP-1647-14-00 □ (1-10V)				
		EP-1658-14-00 □ (DALI)				
	2x80W (1500mm)	**EP-1625-14-00** □ (standard)				
		EP-1648-14-00 □ (1-10V)				
		EP-1659-14-00 □ (DALI)				

* Posibilidad de servir estas referencias sin equipo. Consulte a nuestro Equipo Comercial

Accesorios / Accessories / Accesoires / Zubehöre / Accessori / Acessórios / Аксессуары / Akcesoria

Necesarios / Required / Nécessaires/ Notwendig / Indispensabili / Necessários / Необходимые / Konieczne

Opcionales / Optional / En option / Optional / Opzionale / Opcionais / По желанию / Do wyboru



ACT-9091-N3-00 ■
2 units/ref

Sirgas / Steel cord / Câble de suspension / Stahlkabel / Cavi in acciaio / Cabos de suspensão / Тросы / Liny

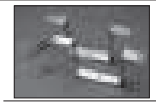


ACT-9090-14-00 □
ACT-9090-N3-00 ■
(standard)

Florón / Power supply unit / Base d'alimentation/ Netzteil / Base d'alimentazione / Base de alimentação / Защитно-декоративный колпачок / Podsufitka



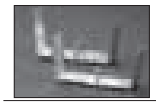
ACT-9083-N3-00 ■
(1-10V or DALI)



(104mm)

ACT-9093-00-00 2 units/ref

Kit para empotrar perfil trimless / Trimless recessed kit / Kit d'encastrement profil « trimless» / Einbaukit Profil ohne Rahmen/ Kit per incasso profilo trimless / Kit para encastrar o perfil sem aro / Набор для встроенного монтажа профиля без рамки / Zestaw do wbudowania profili typu trimless (bez obrzeża)



(126mm)

INCLUDED

Kit para empotrar perfil trim/ Trim recessed kit / Kit d'encastrement profil « trim » / Einbaukit Profil mit Rahmen / Kit per incasso profilo trim / Kit para encastrar o perfil com aro / Набор для встроенного монтажа профиля с рамкой / Zestaw do wbudowania profilu typu trim (z obrzeżem)



(104mm)

ACT-9097-00-00

Kit unión perfil / Profile union kit / Kit de raccord profil / Verbindungskit Profil / Kit di unione profilo / Kit de união perfil / Набор соединительный для профиля / Zestaw łączący profil



(104mm)

ACT-9151-14-M1 □
ACT-9151-N3-M1 ■

Conector 90° con difusor policarbonato / L-shape connector + PC cover / Connecteur 0° avec diffuseur polycarbonate / 90-Grad-Stecker mit Diffusor aus Polykarbonat / Connettore 90° con diffusore di policarbonato / Conector 90° com difusor de policarbonato / Уголок соединительный L-образный с рассеивателем из поликарбоната / Złączka 90° z poliwęglanowym dyfuzorem



(104mm)

ACT-9155-14-M1 □
ACT-9155-N3-M1 ■

Conector T con difusor policarbonato / T-shape connector + PC cover / Connecteur en T avec diffuseur polycarbonate / T-Stecker mit Diffusor aus Polykarbonat / Connettore a T con diffusore di policarbonato / Conector T com difusor de policarbonato / Соединитель Т-образный с рассеивателем из поликарбоната / Złączka w kształcie T z poliwęglanowym dyfuzorem



(126mm)

ACT-9097-00-00

Kit unión perfil / Profile union kit / Kit de raccord profil / Verbindungskit Profil / Kit di unione profilo / Kit de união perfil / Набор соединительный для профиля / Zestaw łączący profil



(126mm)

ACT-9153-14-M1 □

Conector 90° con difusor policarbonato / L-shape connector + PC cover / Connecteur 0° avec diffuseur polycarbonate / 90-Grad-Stecker mit Diffusor aus Polykarbonat / Connettore 90° con diffusore di policarbonato /Conector 90° com difusor de policarbonato / Уголок соединительный L-образный с рассеивателем из поликарбоната / Złączka 90° z poliwęglanowym dyfuzorem



ACT-9091-N3-00 ■
2 units/ref

Sirgas / Steel cord / Câble de suspension / Stahlkabel / Cavi in acciaio / Cabos de suspensão / Тросы / Liny

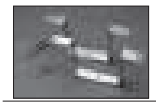


ACT-9090-14-00 □
ACT-9090-N3-00 ■
(standard)

Florón / Power supply unit / Base d'alimentation/ Netzteil / Base d'alimentazione / Base de alimentação / Защитно-декоративный колпачок / Podsufitka



ACT-9083-N3-00 ■
(1-10V or DALI)



(104mm)

ACT-9093-00-00 ■ 2 units/ref

Kit para empotrar perfil trimless / Trimless recessed kit / Kit d'encastrement profil « trimless» / Einbaukit Profil ohne Rahmen/ Kit per incasso profilo trimless / Kit para encastrar o perfil sem aro / Набор для встроенного монтажа профиля без рамки / Zestaw do wbudowania profili typu trimless (bez obrzeża)



(126mm)

INCLUDED

Kit para empotrar perfil trim/ Trim recessed kit / Kit d'encastrement profil « trim » / Einbaukit Profil mit Rahmen / Kit per incasso profilo trim / Kit para encastrar o perfil com aro / Набор для встроенного монтажа профиля с рамкой / Zestaw do wbudowania profilu typu trim (z obrzeżem)



(104mm)

ACT-9097-00-00

Kit unión perfil / Profile union kit / Kit de raccord profil / Verbindungskit Profil / Kit di unione profilo / Kit de união perfil / Набор соединительный для профиля / Zestaw łączący profil



(104mm)

ACT-9097-00-00

Kit unión perfil / Profile union kit / Kit de raccord profil / Verbindungskit Profil / Kit di unione profilo / Kit de união perfil / Набор соединительный для профиля / Zestaw łączący profil

INFINITE WALL WASHER

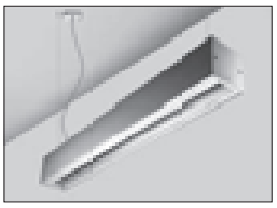
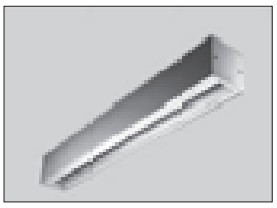
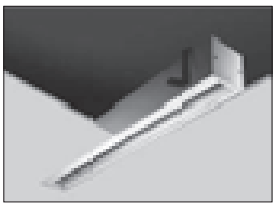
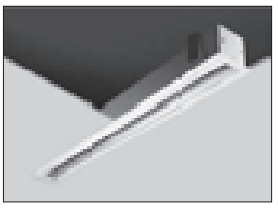
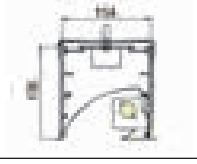
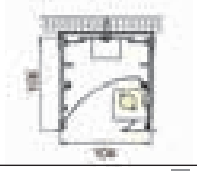
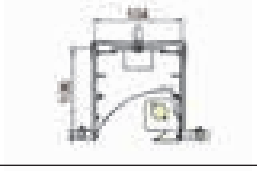
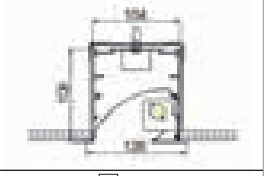
1XT5

Todas las luminarias vienen suministradas con tapas y balastro electrónico. / All luminaries are supplied with end caps and electronic ballast. / Tous les luminaires sont fournis avec caches et ballast électronique / Alle Leuchten werden mit Deckeln und elektronischem Vorschaltgerät geliefert / Tutte le lampade vengono fornite con coperchi e ballast elettronico / Todas as luminárias são fornecidas com topos e balastro electrónico./ Все светильники поставляются с заглушками и электронным балластом / Wszystkie oprawy oświetleniowe są dostarczane z zaślepkami i statecznikiem elektronicznym.

14 N3 AL IP 20 RF 850°C 230V (*)

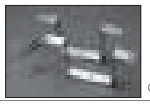


Reflector asimétrico/ Asymmetrical reflector/ Réflecteur asymétrique/ Asymmetrischer Reflektor / Reflector assimétrico / Riflettore asimmetrico / Ассиметричный отражатель / Asymetryczny odbłyśnik

				
	Suspendida / Suspended / En suspension / Hängelampe / Suspensa / A sospensione / Подвесной / Zawieszona	Adosada / Surface mounted / En surface /Aufbau / Montata in superficie / Montada em superficie / Поверхностный / Natynkowa	Empotrada trimless / Trimless recessed / Encastré «trimless » / Einbau ohne Rahmen / Encastrada sem aro / Encastrada trimless / Встроенный без рамки / Wbudowana typu trimless (bez obrzeża)	Empotrada trim / Recessed with trim / Encastré « trim » / Einbau mit Rahmen / Trim-Einbau / Trimless-Einbau / Encastrada com aro /Encastrada trim / Встроенный без рамки / Wbudowana typu trim (z obrzeżem)
				
54W (1200mm)	**AD-0654-N3-00** ■ (standard)			**EP-1615-14-00** □ (standard)

Accesorios / Accessories / Accesoires / Zubehöre / Accessori / Acessórios / Akcesoria / Акссессуары

Necesarios / Required / Nécessaires/ Notwendig / Indispensable / Necessários / Необходимые / Konieczne

		 (104mm)	 (126mm)
ACT-9091-N3-00 ■ 2 units/ref		**ACT-9093-00-00** ■ 2 units/ref	**INCLUDED**
Sirgas / Steel cord / Câble de suspension / Cabos de suspensão / Cavi in acciaio /Stahlkabel / Тросы / Liny		Kit para empotrar perfil trimless / Trimless recessed kit / Kit d'encastrement profil « trimless » / Einbaukit Profil ohne Rahmen / Kit per incasso profilo trimless / Kit para encastrar o perfil sem aro / Набор для встроенного монтажа профиля без рамки / Zestaw do wbudowania profili typu trimless (bez obrzeża)	Kit para empotrar perfil trim/ Trim recessed kit / Kit d'encastrement profil « trim » Einbaukit Profil mit Rahmen / Kit per incasso profilo trim / Kit para encastrar o perfil com aro / Набор для встроенного монтажа профиля с рамкой / Zestaw do wbudowania profilu typu trim (z obrzeżem)
			
ACT-9090-N3-00 ■			
Florón / Power supply unit / Base d'alimentation/ Netzteil / Base de alimentação / Base d'alimentazione / Защитно-декоративный колпачок / Podsufitka			

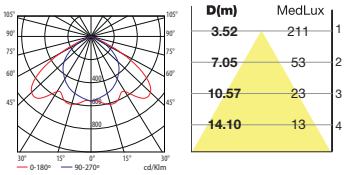
Opcionales / Optional / En option / Optional / Opzionale / Opcionais / По желанию / Do wyboru

			
ACT-9097-00-00 (104mm)			**ACT-9097-00-00** (126mm)
Kit unión perfil / Profile union kit / Kit de raccord profil / Verbindungskit Profil / Kit di unione profilo / Kit de união perfil / Набор соединительный для профиля / Zestaw łączący profil			Kit unión perfil / Profile union kit / Kit de raccord profil / Verbindungskit Profil / Kit di unione profilo / Kit de união perfil / Набор соединительный для профиля / Zestaw łączący profil

* Posibilidad de servir estas referencias sin equipo. Consulte a nuestro Equipo Comercial

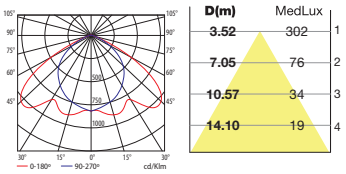
FOTOMETRÍAS SERIE INFINITE / PHOTOMETRICS FOR THE INFINITE SERIES / PHOTOMÉTRIES SÉRIE INFINITE / FOTOMETRISCHE DATEN INFINITE / CURVE FOTOMETRICHE SERIE INFINITE / FOTOMETRIAS SÉRIE INFINITE / ФОТОМЕТРИЧЕСКИЕ ПОКАЗАТЕЛИ СЕРИИ INFINITE / POMIARY ŚWIETLNE SERII INFINITE

TL5 G5 1x39W double parabolic



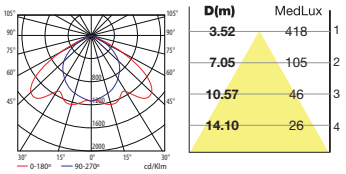
η= 60%

TL5 G5 1x54W double parabolic



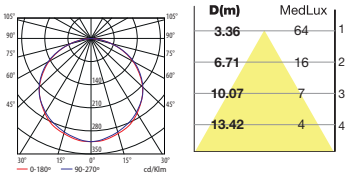
η= 60%

TL5 G5 1x80W double parabolic



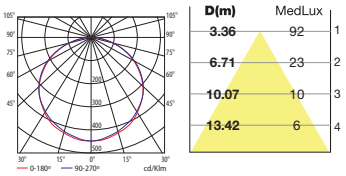
η= 60%

TL5 G5 1x39W polycarbonate



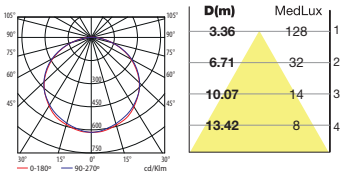
η= 31%

TL5 G5 1x54W polycarbonate



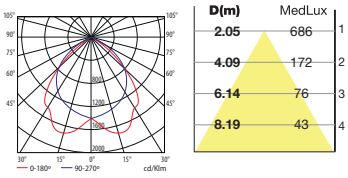
η= 31%

TL5 G5 1x80W polycarbonate



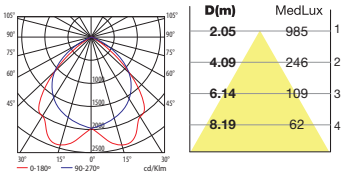
η= 31%

TL5 G5 2x39W double parabolic



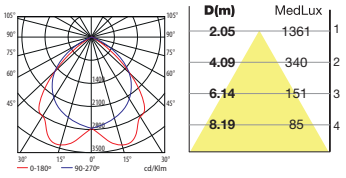
η= 56%

TL5 G5 2x54W double parabolic



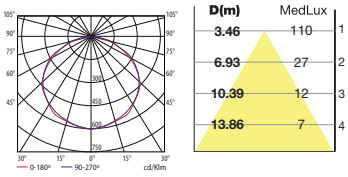
η= 56%

TL5 G5 2x80W double parabolic



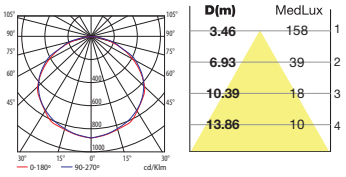
η= 56%

TL5 G5 2x39W polycarbonate



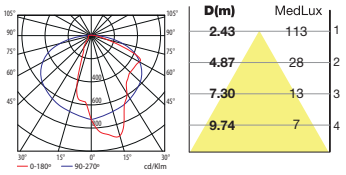
η= 28%

TL5 G5 2x54W polycarbonate



η= 28%

TL5 G5 1x54W asymmetrical reflector



η= 34%

TECHNICAL

	MULTIDIR	LEO	EXIT	BACO
				
	P. 182	PAG. 184	P. 136	P. 132
QR-111/G53	■		■	■
AR-111/GU10	■		■	
AR-111/G53	■			■
CDM-R111/GX8.5	■		■	■
HIT-TC/G8.5			■	
T5/G5				
INDUCTION				
LED		2,2W	■	
	■	■	■ (1)	■

SUSPENDED

SUSPENDIDOS
SUSPENSIONS
HÄNGELEUCHTEN
SOSPENSIONI
SUSPENSÕES
ПОДВЕСНЫЕ
ZWIESZANE

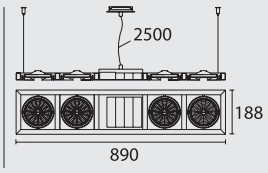
FIT / ECOFIT	INFINITE	BAY LIGHT	BAY LIGHT
			
P. 156	P. 171	P. 186	P. 186
	■		
		■	■
■			
■ (1)	■	■	■

(1) Sólo en algunas versiones / Only in some versions



MULTIDIR





N3

AL

ST

IP 20

RF 850°C

0,5m

± 40°

12

p.858

QR-111 /AR-111

G53

SP-0105-N3-00		4 x max.60W	220V 240V	9-14



Posibilidad de combinaciones (CDM-R111+QR-111+AR-111) bajo pedido
Different lamp combinations (CDM-R111+QR-111+AR-111) available upon request
Possibilité de combinaisons (CDM-R111+QR-111+AR-111) sur commande
Kombinationen (CDM-R111+QR-111+AR-111) auf Anfrage
Combinazioni possibili (CDM-R111+QR-111+AR-111) disponibili su richiesta
Possibilidade de combinações (CDM-R111+QR-111+AR-111) mediante pedido
Możliwość zestawiania (CDM-R111+QR-111+AR-111) na zamówienie
Возможность комбинирования ламп (CDM-R111+QR-111+AR-111) по заказу

AR-111

GU10

SP-1810-N3-00		4 x -	110V 240V	22-25

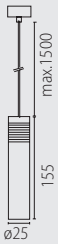
Accesorios / Accessories / Accesoires / Zubehöre / Accessori / Acessórios / Аксессуары / Akcesoria

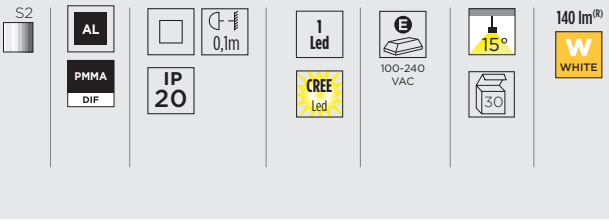
ACT-9131-11-00	QR-111	
ACT-9131-08-00	QR-111	
ACT-9131-25-00	QR-111	
ACT-9131-24-00	QR-111	

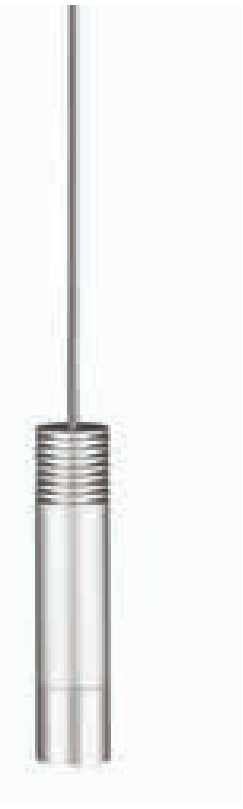


LEO

NEW







LED

	00-2689-S2-00	Warm W 3000K	2,2W	



La inducción es la fuente de luz idónea para la iluminación de grandes áreas.
• Encendido inmediato y compatible con sensores crepusculares o de presencia.
• Alta eficiencia luminica (>80 lm/W).
• Lámpara de larga vida útil (>100.000h), permitiendo reducir los costes de mantenimiento frente a las lámparas de descarga.
• Precio competitivo frente a la iluminación LED.

Induction is a suitable light source for the illumination of large areas.
• Immediate turn on and compatible with twilight or presence sensors.
• High luminous efficiency (>80 lm/W).
• Long lamp service life (>100,000 h), enabling you to reduce maintenance costs when comparing this lighting to discharge lamps.
• Competitive price compared to that of LED lighting.

L'induction est la source de lumière idéale pour éclairer de vastes surfaces.
• Allumage immédiat et compatible avec capteurs crépusculaires ou de présence.
• Efficience lumineuse élevée (>80 lm/W).
• Lampe à longue durée de vie utile (>100 000 h), ce qui permet de réduire les coûts d'entretien face aux lampes à décharge.
• Prix compétitif par rapport à l'éclairage LED.

Induktion ist die geeignete Lichtquelle zur Beleuchtung großer Zonen.
•unmittelbares Einschalten und Kompatibilität mit Dämmerungssensoren und Bewegungsmeldern
•hohe Leuchtleistung (>80 lm/W)
•Lampe mit langer Lebensdauer (>100.000 Std.) und dadurch geringere Instandhaltungskosten im Vergleich zu Gasentladungslampen
•Preisvorteil gegenüber LED-Beleuchtung

L'induzione è la fonte di luce adatta all'illuminazione di grandi aree.
• Accensione immediata e compatibile con sensori crepuscolari o di presenza.
• Alta efficienza luminosa (>80 lm/W).
• Lampada di lunga vita utile (>100.000h) che consente di ridurre i costi di manutenzione se paragonata alle lampade a scarica.
• Prezzo competitivo rispetto all'illuminazione LED.

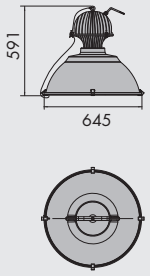
A indução eletromagnética é a fonte de luz ideal para a iluminação de grandes áreas.
•Acendimento imediato e compatível com sensores crepusculares ou de presença.
•Alta eficiência luminosa (>80 lm/W).
•Lâmpada de longa vida útil (>100 000h) que permite reduzir os custos de manutenção comparativamente às lâmpadas de descarga.
•Preço competitivo comparativamente à iluminação LED.

Индукция — это источник света, пригодный для освещения больших площадей.
•Мгновенное зажигание и совместимость с сумеречными датчиками или датчиками присутствия.
•Высокая светоотдача (> 80 лм/Вт).
•Лампа с долговечным сроком службы (> 100 000 ч), что позволяет снизить затраты на техническое обслуживание по сравнению с газоразрядными лампами.
•Конкурентная цена по сравнению со светодиодным освещением.

Indukcja jest odpowiednim źródłem światła dla oświetlenia dużych powierzchni.
• Natychmiastowe zapalenie i kompatybilne z czujnikami zapadania zmierzchu lub obecności.
• Wysoka wydajność świetlna (>80 lm/W).
• Lampy o długim okresie eksploatacji (>100.000h), pozwalające na zmniejszenie kosztów utrzymania w porównaniu z lampami wyładowczymi.
• Konkurencyjna cena w porównaniu z oświetleniem ledowym.

HIGH EFFICIENCY BAY LIGHT





BK

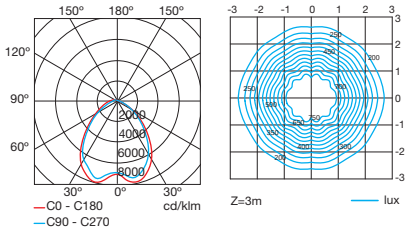
AL INJ | AL | GLA TEMP DIF | IP 43 | IK 09 | 100-240V 50-60Hz | C WHITE | 5 YEAR WARRANTY / 5 ANOS GARANTIA

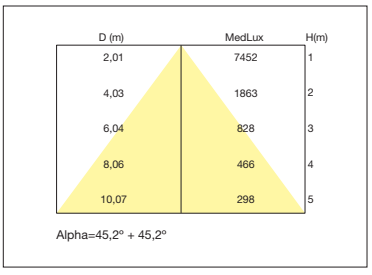
INDUCTION

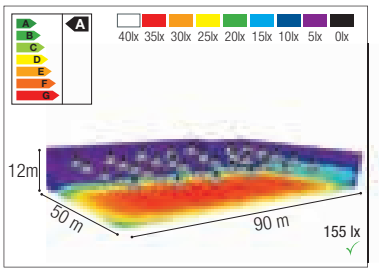
INCLUDED	80-1503-BK-37 (S)	☐	Cold W 5000K	150W
	80-1481-BK-37 (S)	☐		250W
	80-1413-BK-37 (S)	☐		300W

Disponible bajo pedido en otras temperaturas de color.
Available on order in other colour temperatures.
Disponible sur commande dans d'autres températures de couleur.
Auf Anfrage auch mit anderen Farbtemperaturen lieferbar.
Disponibile su richiesta in altre temperature di colore.
Disponível noutras temperaturas de cor, mediante pedido.
На заказ поставляется других оттенков света
Dostępny na zamówienie w innych temperaturach koloru.

IND 300W
ULOR INST = 0,00%

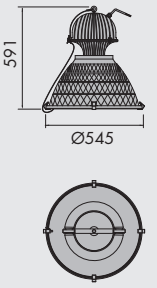






HIGH UNIFORMITY BAY LIGHT





BK

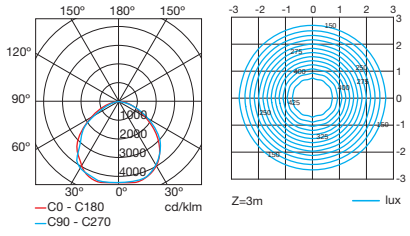
AL INJ | AL | GLA TEMP DIF | IP 43 | IK 09 | 100-240V 50-60Hz | C WHITE | 5 YEAR WARRANTY / 5 ANOS GARANTIA

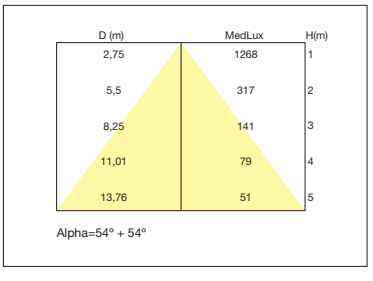
INDUCTION

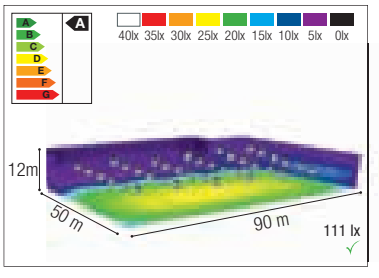
INCLUDED	80-1505-BK-37 (S)	☐	Cold W 5000K	150W
	80-1504-BK-37 (S)	☐		250W
	80-1414-BK-37 (S)	☐		300W

Disponible bajo pedido en otras temperaturas de color.
Available on order in other colour temperatures.
Disponible sur commande dans d'autres températures de couleur.
Auf Anfrage auch mit anderen Farbtemperaturen lieferbar.
Disponibile su richiesta in altre temperature di colore.
Disponível noutras temperaturas de cor, mediante pedido.
На заказ поставляется других оттенков света
Dostępny na zamówienie w innych temperaturach koloru.

IND 300W
ULOR INST = 0,00%







TECHNICAL



BIT



LEO



DOT

Pag. 195 | Pag. 194 | Pag. 195

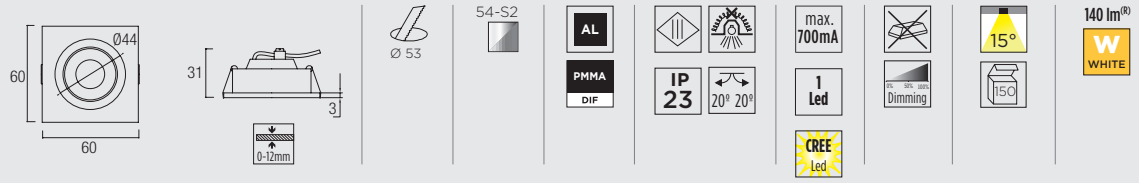
Ø 31-40mm	■	■	■
Ø 41-50mm			
Ø 51-60mm			
Ø 61-70mm			
Ø 91-100mm			
51-60mm x 101-110mm			
LED	**Max. 2,3W**	**Max. 2,2W**	**Max. 2,2W**
WHITE	■		■
WHITE	■	■	
15°	■		
25°	■		
40°	■		
HALO		■	■
54-S2			
S2	■		
N3		■	■
IP20	■		
IP23			
IP50		■	
IP54			■
IP66			
IK02			■
IK03	■		
IK09			

SIGNAL
SEÑALIZACIÓN
SIGNALISATION
SIGNALISIERUNG
SEGNALETICA
SINALIZAÇÃO
МАРКЕРНАЯ ПОДСВЕТКА
SYGNALIZACJA

LEO	OXY	LEO
		
Pag. 192	Pag. 190	Pag. 194
■		
	■	
■		
		■
	■	
Max. 6,6W	Max. 4,6W	2,2W
■	■	
■		■
■	■	
	■	
	■	
		■
	■	
■		
■		
■	■	
		■
		■
		■



OXY

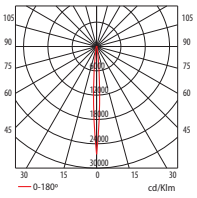




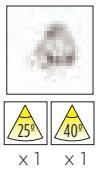
LED

90-3489-54-S2	Warm W 3000K	max. 2,3W	

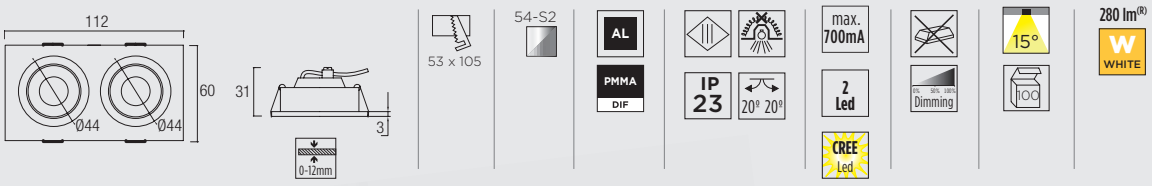
LED Blanco cálido / Warm white 700mA 15°



D(m)	MedLux	
0.11	2119	1
0.23	530	2
0.34	235	3
0.46	132	4



Set ópticas incluidas.
Set of lenses included.
Set de lentilles fourni.
Linsenset inklusiv.
Set di lenti incluso.
Conjunto de lentes incluído
Включен набор оптических аксессуаров
Łącznie z kompletem układu optycznego

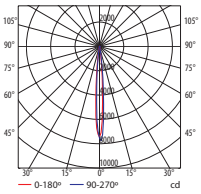




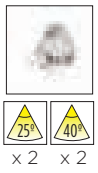
LED

90-3490-54-S2	Warm W 3000K	max. 4,6W	

LED Blanco cálido / Warm white 700mA 15°



D(m)	MedLux	
0.15	4899	1
0.29	1225	2
0.44	544	3
0.59	306	4

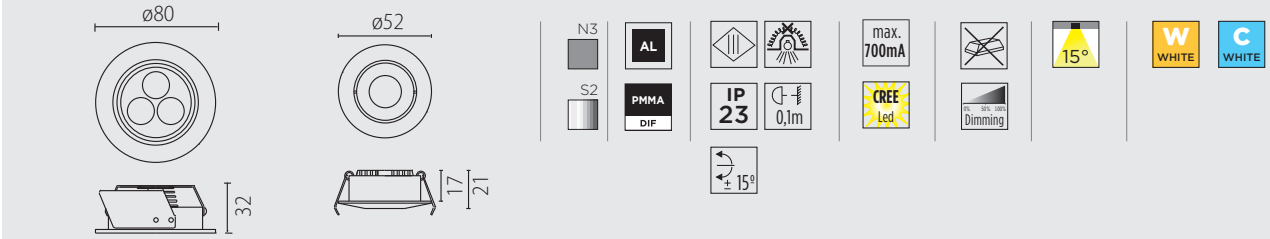


Set ópticas incluidas.
Set of lenses included.
Set de lentilles fourni.
Linsenset inklusiv.
Set di lenti incluso.
Conjunto de lentes incluído
Включен набор оптических аксессуаров
Łącznie z kompletem układu optycznego

Unidades eléctricas / Electrical Units / Platines électriques / Netzteile / Unitá Elettriche / Unidades elétricas / Электрооборудование / Części elektryczne	**862-869**


BOOK
STYLE

LEO



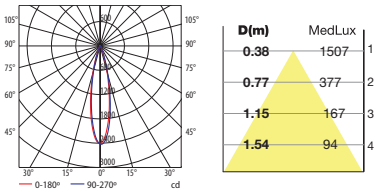
N3 | Ø 66 | 3 Led | 484 lm(R) W WHITE | 100



LED

DN-0512-N3-00	Warm W 3000K	max. 6,6W	

LED Blanco cálido / Warm white 700mA



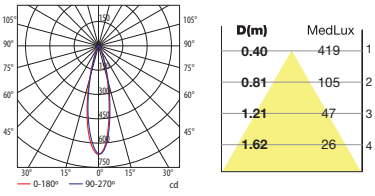
S2 | Ø 42 | 0-12mm | 1 Led | 161 lm(R) W WHITE | 196 lm(R) C WHITE | 100



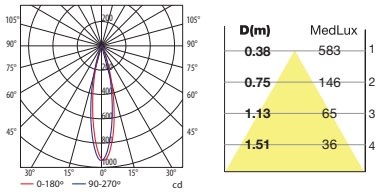
LED

DN-0511-S2-00	Warm W 3000K	max. 2,2W	
DN-0472-S2-00	Cold W 6000K		

LED Blanco cálido / Warm white 700mA



LED Blanco frio / Cold white 700mA



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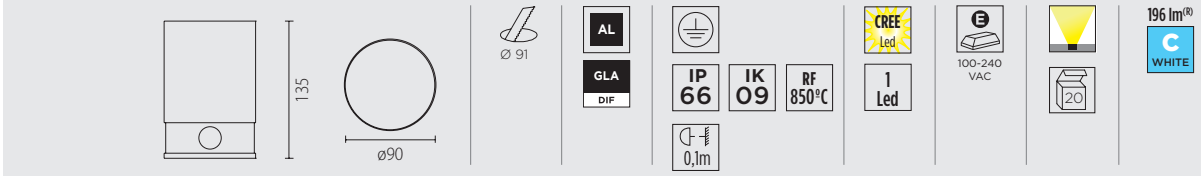
LEO

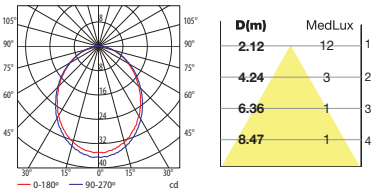




LED

EP-0506-00-B9	Cold W 6000K	2,2W	

LED Blanco frío / Cold white



LEO





LED

DN-0289-N3-00 ■	Cold W 6000K	max. 2,2W	



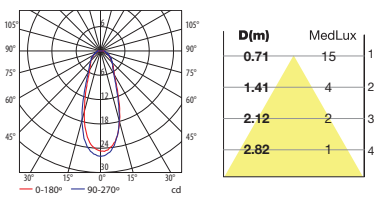
LED

DN-0290-N3-00 ■	Cold W 6000K	max. 2,2W	

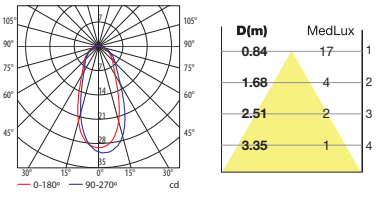
Accesorios /
Accessories /
Accesoires /
Zubehöre /
Accessori /
Acessórios /
Аксессуары /
Akcesoria /

Filtros de color - consultar.
Colour filters - upon request
Filtres à couleur - veuillez consulter.
Farbfilter - Auf Anfrage.
Filtri colorati - su richiesta.
Filtros de cor - Consultar
Цветных фильтров – проконсультироваться
Kolorowych filtrów - Proszę skonsultować się

DN-0289 Blanco frío / Cold white



DN-0290 Blanco frío / Cold white



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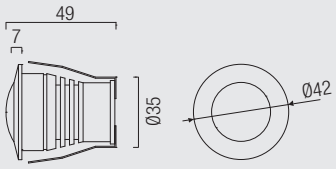
DOT



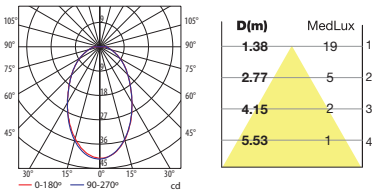
Ø 35 | N3 | AL | GLA | DIF | IP 54 | IK 02 | RF 850°C | max. 700mA | CREE Led | 1 Led | Dimming | 100 | 172 lm(R) W WHITE



LED

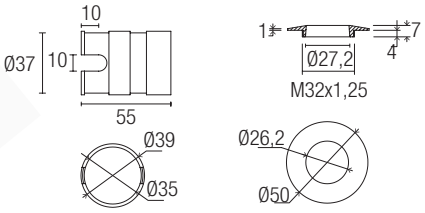
05-3314-N3-B9	Warm W 3000K	max. 2,2W	

LED Blanco cálido / Warm white 700mA



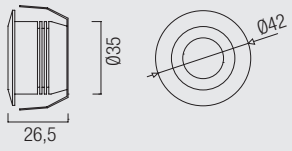
Accesorios / Accessories / Accesoires / Zubehöre / Accessori / Acessórios / Аксессуары / Akcesoria





71-4661-N3-N3	Kit

BIT



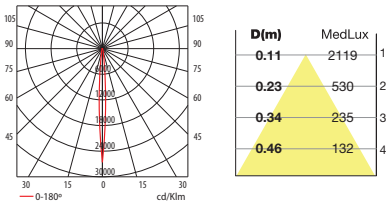
Ø 35 | S2 | AL | PMMA | DIF | IP 20 | IK 03 | max. 700mA | 1 Led | CREE Led | Dimming | 100 | 15° | 119 lm(R) W WHITE | 170 lm(R) C WHITE

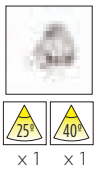


LED

05-3308-S2-00	Warm W 3000K	max. 2,3W	
05-3307-S2-00	Cold W 6000K		

LED Blanco cálido / Warm white 700mA 15°





x 1 x 1

Set ópticas incluidas.
Set of lenses included.
Set de lentilles fourni.
Linsenset inklusiv.
Set di lenti incluso.
Conjunto de lentes incluído
Включен набор оптических аксессуаров
Łącznie z kompletem układu optycznego

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TECHNICAL



DISK



STEP



SIGN

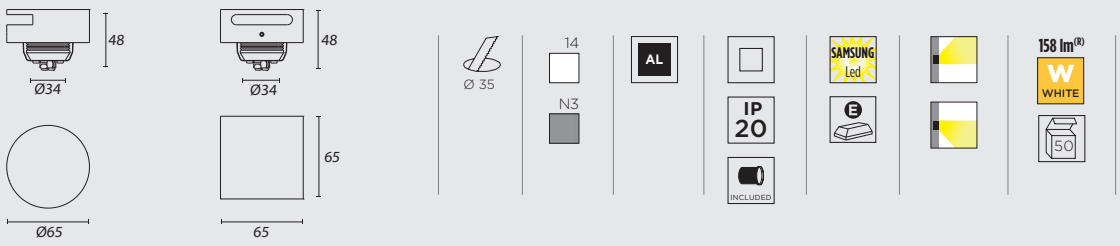
P. 198 P. 200 P. 204

	Ø 31-40mm		■		
	Ø 51-60mm			■	
	71-80mm x 71-80mm				■
	101-110mm x 101-110mm				
	161-170mm x 81-90mm				
	171-180mm x 141-150mm				
	171-180mm x 231-240mm				
	581-590mm x 101-110mm				
	E		■	■	
	QR-CBC51/GU5.3	50W			■
	HALOPIN G9	25W			■
	QT-DE/R7S	150W			
	TC-DEL/GX24Q	18W			
	TL5/G5	24W			
	MR16/GU5.3				■
	LED		2W	2W	MAX. 2,2W
	W WHITE		■	■	■
	N WHITE				
	C WHITE				■
	14		■	■	■
	N3		■	■	■
	IP20		■	■	■
	IP43				■

SECRET	WALL	PIR
		
P. 202	P. 206	P. 208
■		
■		
■		
	■	
	■	
	■	■
	■	
	■	
	■	
MAX. 1W		4,3 / 5,9 / 8,2W
■		
		■
■		
	■	■
■	■	■



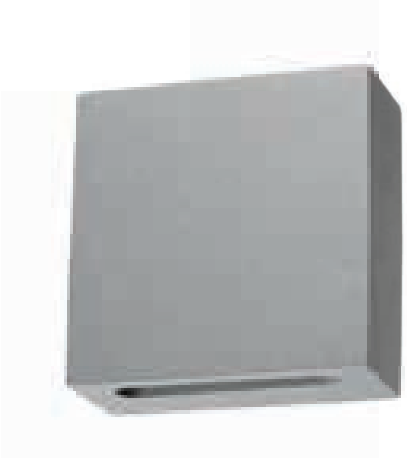
DISK





LED

05-1613-14-00	☐	Warm W 3000K	2W	220V 240V / 100V 120V	E
05-1613-N3-00	■				
05-1709-14-00	☐				
05-1709-N3-00	■				

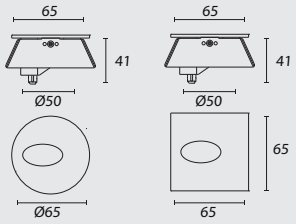


LED

05-1618-14-00	☐	Warm W 3000K	2W	220V 240V / 100V 120V	E
05-1618-N3-00	■				
05-1719-14-00	☐				
05-1719-N3-00	■				



STEP



Ø 57

14

N3

AL

IP 20

INCLUDED

SAMSUNG Led

158 lm(R)

W WHITE

50



LED

55-1573-14-00	□	Warm W 3000K	2W	220V 240V / 100V 120V	E
55-1573-N3-00	■				
55-1699-14-00	□				
55-1699-N3-00	■				

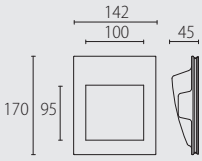


LED

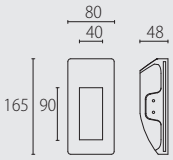
55-1574-14-00	□	Warm W 3000K	2W	220V 240V / 100V 120V	E
55-1574-N3-00	■				
55-1701-14-00	□				
55-1701-N3-00	■				



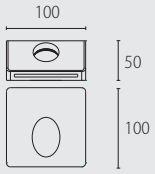
SECRET



05-1808-14-00



05-1804-14-00



05-2904-14-00

14 | PLASTER | IP 20 | RF 850°C | 9-15mm | max. 350mA | 1 Led | CREE Led | Dimming | 87 lm(R) W WHITE



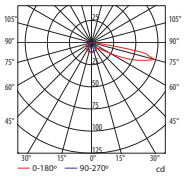
175 x 145

8

LED

05-1808-14-00	☐	Warm W 3000K	max. 1W	

LED Blanco cálido / Warm white - 350mA





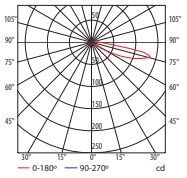
170 x 85

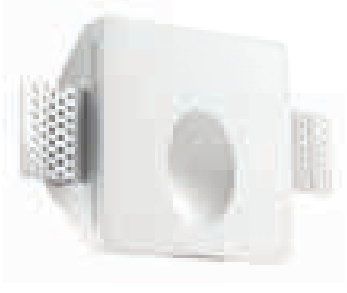
8

LED

05-1804-14-00	☐	Warm W 3000K	max. 1W	

LED Blanco cálido / Warm white - 350mA





105 x 105

6-16mm

24

LED

NEW	**05-2904-14-00**	☐	Warm W 3000K	max. 1W	

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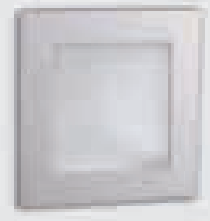
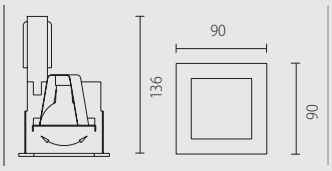
SIGN



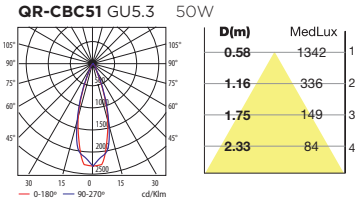


QR-CBC51 / MR16

GU5.3

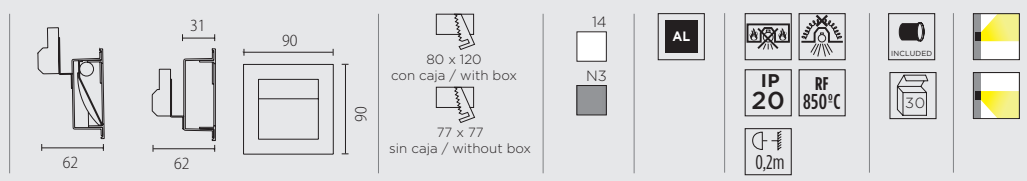
EP-0348-N3-XY ■	max.50W		-
EP-0348-14-XY □			

QR-CBC51 GU5.3 50W



η=85%





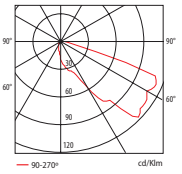
Halopin

G9

220V 240V

EP-0349-N3-XY ■	25W	-	-
EP-0349-14-XY □			

HALOPIN G9



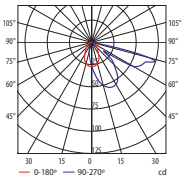
LED

46 lm(R)

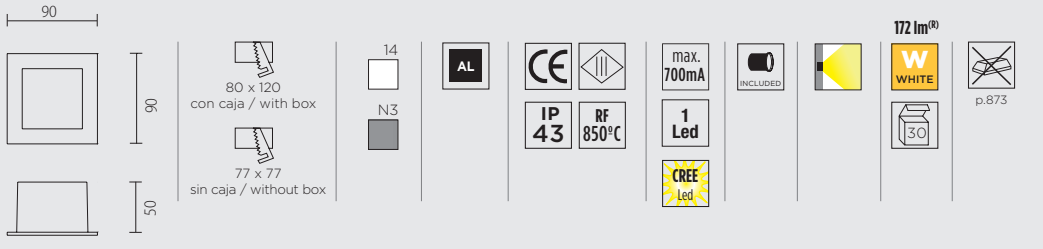
CREE Led | max. 700mA | WHITE | 1 Led

EP-0356-N3-00 ■	Warm W 3000K	max. 2,2W	
EP-0356-14-00 □			

LED Blanco cálido / Warm white 700mA



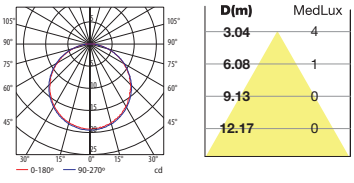




LED

NEW	05-2900-N3-XY ■	Warm W 3000K	max. 2,2W	
	EP-1665-14-XY □			

LED Blanco cálido / Warm white 700mA



Accesorios / Accessories / Accesoires / Zubehöre / Accessori / Acessórios / Аксессуары / Akcesoria

ACT-0364-00-00



ACT-0365-00-00



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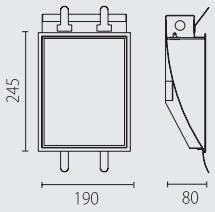
WALL





215 x 345 x 100 con caja / with box

180 x 240 sin caja / without box

N3

AL

ST

IP 20 | RF 850°C | 220V 240V

INCLUDED

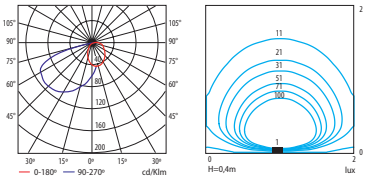
TC-DEL

GX24q-3

EP-0344-N3-XY	■	1 x 26W	E

0,2m | 4

TC-TEL GX24q-3 26W opal



η=19%

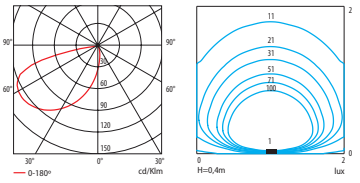
QT-DE

R7s

EP-0345-N3-00	■	max. 150W	-

0,5m | 8

QT-DE R7s 100W



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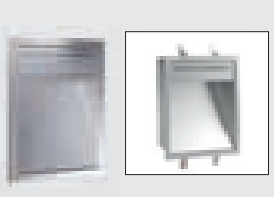
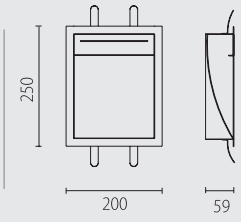



215 x 345 x 100 con caja / with box

180 x 240 sin caja / without box

N3

AL

ST

IP 20 | RF 850°C | 220V 240V | 0,2m

INCLUDED

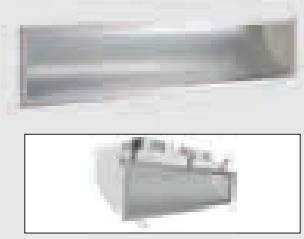
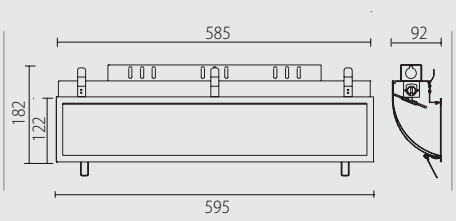
(*) Consultar / Consult / À consulter/ Auf Anfrage / Su richiesta Consultar / проконсультироваться / Proszę skonsultować się /

TC-DEL

GX24q-2

EP-0346-N3-XY	■	1 x 18W	*

4

589 x 109

N3

AL

ST

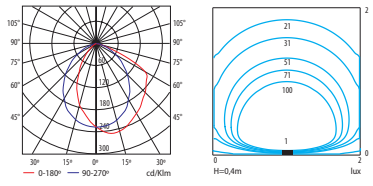
IP 20 | RF 850°C | 220V 240V | 0,2m

TL5

G5

EP-0347-N3-00	■	24W	

TL5 G5 24W opal



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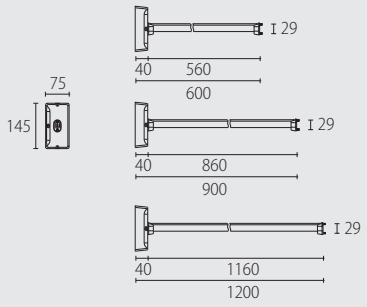
PIR



05-4713-N3-M3 0-15 mm

05-4714-N3-M3 0-65 mm

05-4715-N3-M3 0-120 mm

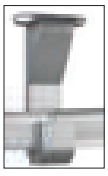
N3 | AL ANOD | PVC DIF | IP 20 | Led | 100-240 VAC | N WHITE



LED

05-4713-N3-M3 (S)	Neutral W 4000K	4,3W	60 cm	0-15mm	25
05-4714-N3-M3 (S)		5,9W	90 cm	0-65mm	20
05-4715-N3-M3 (S)		8,2W	120 cm	0-120mm	20

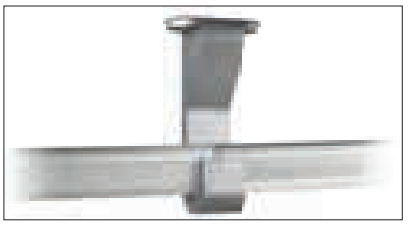
Accesorios / Accessories / Accesoires / Zubehöre / Accessori / Acessórios / Akcesoria / Аксессуары



71-4655-N3-00 (S)	Kit sujeción / Attachment kit / kit de fixation / Aufhängekit / Kit di fissaggio / Kit de fixação / Набор крепежа / Zestaw mocujący



• Incorpora un sensor de infrarrojos colocado estratégicamente para que detecte la persona rápidamente. El sistema se apaga 1 minuto después de no detectar personas.
• It incorporates an infrared sensor strategically located to quickly detect the user. The system turns itself off after one minute of not detecting motion.
• Intègre un capteur à infrarouges placé stratégiquement pour détecter la personne rapidement. Le système s'éteint 1 minute après la non-détection de personnes.
• Mit strategisch platziertem Infrarotsensor zur schnellen Personenerkennung. Das Licht erlischt 1 Minute, nachdem keine Person mehr gemeldet wird.
• Contiene un sensore a infrarossi collocato in posizione strategica affinchè rilevi rapidamente la presenza di una persona. Il sistema si spegne 1 minuto dopo che smette di rilevare la presenza di qualcuno.
• Incorpora um sensor de infravermelhos colocado de modo estratégico para detecção rápida das pessoas. O sistema apaga-se 1 minuto depois de não serem detectadas pessoas.
• Включает инфракрасный датчик, мгновенно реагирующий на присутствие человека. Система выключается автоматически через 1 минуту после того, как перестает фиксировать человеческое присутствие.
• Zawiera czujnik na podczerwień strategicznie umieszczony tak aby szybko wykrył osobę. System wyłącza się 1 minutę po braku wykrycia osób.



• Para medidas no estándares (60/90/120 cm) utilizar kit de sujeción. Barra con sistema anti rayado superficial.
• For non-standard measurements (60/90/120 cm), please use an attachment kit. Bar with superficial non-scratch system.
• Utiliser le kit de fixation pour les dimensions non standard (60/90/120 cm). Barre à système anti-rayure superficielle.
• Für Sondermaße (60/90/120 cm) Aufhängekit verwenden. Stange mit Anti-Kratzsystem.
• Per misure non standard (60/90/120 cm) utilizzare il kit di fissaggio. Barra con sistema anti-graffio in superficie.
• Para medidas não standard (60/90/120 cm) utilizar kit de fixação. Barra com sistema anti-riscos superficiais.
• Для нестандартных размеров (60/90/120 см) используйте набор крепежа. Светильник с системой защиты корпуса от внешних царапин.
• Dla niestandardowych wymiarów (60/90/120 cm) użyć zestawu mocującego. Pręt z systemem przeciw występowaniu zarysowań na powierzchni.





• El conjunto se puede instalar indiferentemente a la derecha o izquierda del armario.
• This kit can be installed either on the right or left side of the wardrobe.
• L'ensemble peut être installé indifféremment sur le côté gauche ou droit de la penderie.
• Bei der Konzeption wurde besonderen Wert auf eine kurze Einbauzeit gelegt. Mit Schablone als Installationshilfe.
• Il set può essere installato indifferentemente sul lato destro o sinistro dell'armadio.
• O conjunto pode instalar-se à direita ou à esquerda do guarda-fatos.
• Группу можно монтировать слева или справа от шкафа.
• Ten zespół może zostać zainstalowany obojętnie albo po prawej albo po lewej stronie szafy.

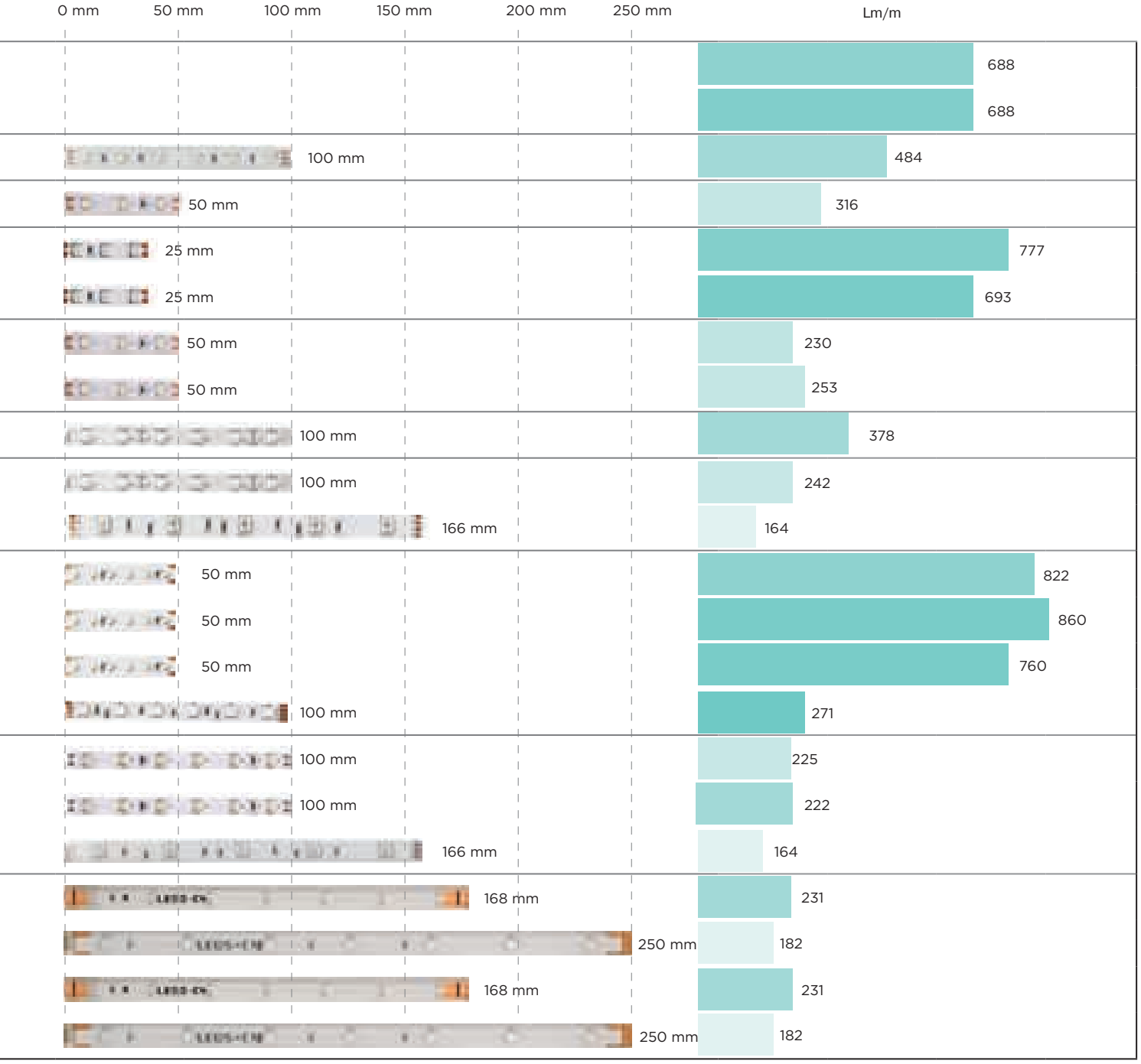
TECHNICAL

		VDC	LUZ/ LIGHT/ СВЕТ/ ŚWIATŁO	REFERENCIA/ WREFERENCE/ АРТИКУЛ/ NR REFERENCYJNY	W/m	LEDS/m	IP
ION	**p. 212**	12VDC	WARM WHITE	91-3411-54-M2	7,2		**68**
			WARM WHITE	91-3408-54-M2	14,4		**68**
ZENIT	**p. 213**	24VDC	WW-CW	91-2492-00-00	9,6	60	**65**
SIGMA	**p. 214**	12VDC	WARM WHITE	91-3473-00-00	4,8	60	**20**
RAND HP	**p. 215**	12VDC	WARM WHITE	91-2343-00-00	14,4	120	**20**
			COLD WHITE	91-2353-00-00	14,4	120	**20**
RAND IP	**p. 216**	12VDC	WARM WHITE	91-3420-00-00	4,8	60	**65**
			COLD WHITE	91-3419-00-00	4,8	60	**65**
ON	**p. 217**	24VDC	WARM WHITE	91-4671-00-00	4,8	60	**20**
ON ECO	**p. 218**	24VDC	WARM WHITE	91-0150-00-00	4,8	60	**20**
			RGB	91-2488-00-00	7,2	30	**20**
ON HP	**p. 219**	24VDC	WARM WHITE	91-2361-00-00	14,4	120	**20**
			WARM WHITE	91-3282-00-00	14,4	120	**20**
			COLD WHITE	91-2365-00-00	14,4	120	**20**
			RGB	91-2379-00-00	14,4	60	**20**
ON IP ECO	**p. 220**	24VDC	WARM WHITE	91-0175-00-00	4,8	60	**65**
			COLD WHITE	91-0171-00-00	4,8	60	**65**
			RGB	91-2491-00-00	7,2	60	**65**
FACADE	**p. 221**	24VDC	WARM WHITE	91-3227-00-00	3,6	42	**68**
			RGB	91-3228-00-00	5,8	28	**68**
			WARM WHITE	91-3244-00-00	3,6	42	**67**
			RGB	91-3245-00-00	5,8	28	**67**

LED STRIPS

TIRAS LED
BANDEAUX À LED
LED-BÄNDER
STRISCE LED
FITAS LED
СВЕТОДИОДНЫЕ ЛЕНТЫ
PASKI LED

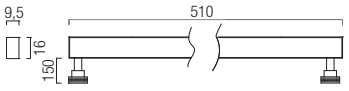
CORTE / CUT / ШАГ СРЕЗА / PRZEKRÓJ (MM)



ION

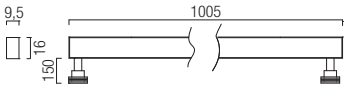
54 | AL | IP 68 | 12 VDC | 0,5m 7,2W | 1m 14,4W | Dimming | 3m | 120° | 344 lm(R) WHITE 7,2W | 684 lm(R) WHITE 14,4W | 3 YEAR WARRANTY / AÑOS GARANTÍA





LED

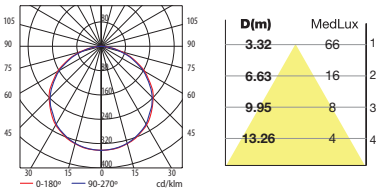
60	**91-3411-54-M2**	Warm W 3000K	7,2W	



LED

55	**91-3408-54-M2**	Warm W 3000K	14,4W	

91-3408 LED Blanco cálido / Warm white



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71-3411-56-56

Accesorio para orientar la tira ION
Accessory to adjust the ION strip
Accessoire d'orientation du bandeau ION
Zubehöre zur Ausrichtung von ION-Band
Accessorio per orientare la striscia ION
Acessório para orientar a tira ION
Включаетт аксессуар для направляемости ленты ION
Zawiera akcesorium do nastawiania oprawy ion

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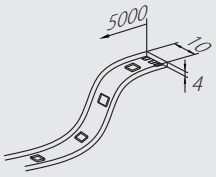
ZENIT

NEW



IP 65 | RF 850ºC | 24 VDC | 48W | 9,6W 1M | Dimming | 10m | 120º | 75 | 2420 lm(R) W WHITE C | 3 YEAR WARRANTY / AÑOS GARANTÍA

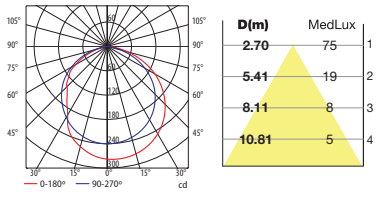


LED

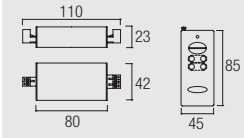
50.000 h.

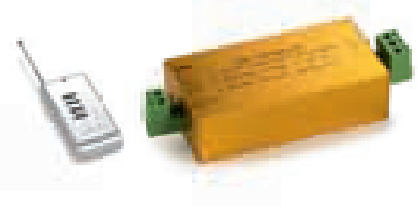
91-2492-00-00	3000K-6000K	48W	60 LED/m	

91-2492 LED



IP 20 | 100

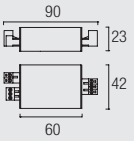




71-3467-00-00 12/24VDC 120/240W

Controlador / Controller / Contrôleur / Steuergerät / Regolatori / Controlador / Контроллер / Kontroler

IP 20 | 100





71-3468-00-00 12/24VDC 120/240W

Amplificador / Amplifier / Amplificateur / Verstärker / Amplificatore / Amplificador / Усилитель / Wzmacniacz

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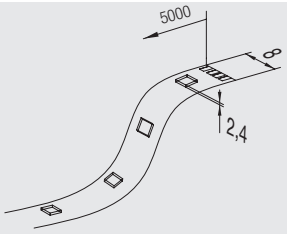
SIGMA



IP 20 | 12 VDC | 24W | 4,8W 1M | Dimming | 10m | 120° | 100 | 1581 lm(R) W WHITE | 3 YEAR WARRANTY 3 AÑOS GARANTÍA

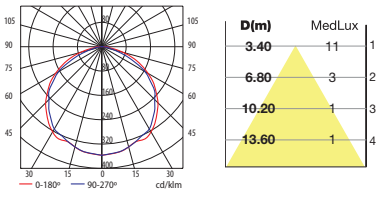


LED

50.000 h.

91-3473-00-00	Warm W 3000K	24W	60 LED/m	

91-3473 LED
Blanco cálido / Warm white



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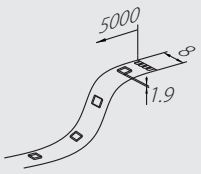
RAND HIGH POWER

NEW



IP 20

12 VDC

72W

14,4W 1M

Dimming

5m

120°

100

3885 lm(R) W WHITE

3467 lm(R) C WHITE

3 YEAR WARRANTY AÑOS GARANTÍA

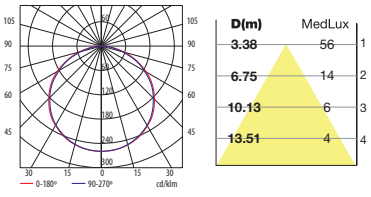


LED

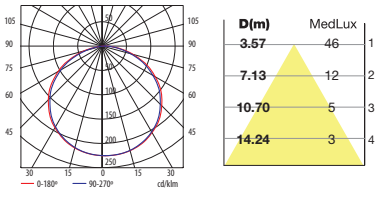
50.000 h.

91-2343-00-00	Warm W 3000K	72W	120 LED/m	
91-2353-00-00	Cold W 6000K			

91-2343 LED
Blanco cálido / Warm white



91-2353 LED
Blanco frio / Cold white



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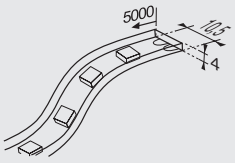
RAND IP



IP 65 | RF 850°C | 12 VDC | 24W | 4,8W 1M | Dimming | 10m | 120° | 80 | 1150 lm(R) W WHITE | 1265 lm(R) C WHITE | 3 YEAR WARRANTY AÑOS GARANTÍA

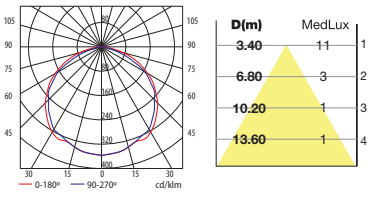


LED

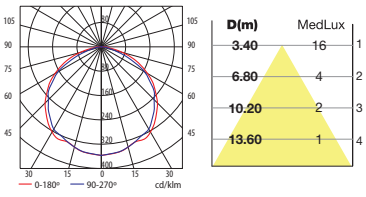
50.000 h.

91-3420-00-00	Warm W 3000K	24W	60 LED/m	
91-3419-00-00	Cold W 6000K			

91-3420 LED
Blanco cálido / Warm white



91-3419 LED
Blanco frio / Cold white



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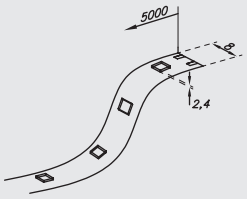
ON



IP 20

24 VDC

24W

4,8W 1M

Dimming

20m

120°

100

1890 lm(R)

W WHITE

3 YEAR WARRANTY AÑOS GARANTÍA



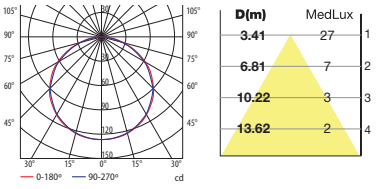
LED

50.000 h.

91-4671-00-00	Warm W 3000K	24W	60 LED/m	

91-4671 LED

Blanco cálido / Warm white



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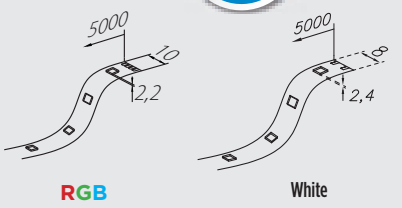
ON ECO

BASIC SOLUTION



RGB White

IP 20

24 VDC

RGB 36W 5M | 7,2W 1M

Warm 24W 5M | 4,8W 1M

Dimming

RGB 10m

White 20m

120°

820 lm(R) RGB LIGHT

1210 lm(R) W WHITE

3 YEAR WARRANTY / AÑOS GARANTÍA

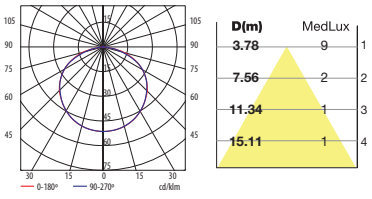


LED Eco

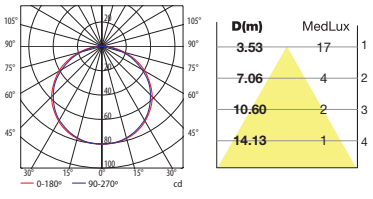
28.000 h.

NEW	**91-2488-00-00**	RGB	36W	30 LED/m	
	91-0150-00-00	Warm W 3000K	24W	60 LED/m	

91-2488-00-00 LED
RGB



91-0150-00-00 LED
Blanco cálido / Warm white



Accesorios / Accessories / Accesoires / Zubehöre / Accessori / Acessórios / Аксессуары / Akcesoria

LINEAL
Perfil de 2m / 2 m Profile / Profil de 2 m / 2 M Profil / Profili di 2 m / Calha de 2 m / Профиль 2 м / Profil 2m
ver pág. / see page / voir page / siehe Seite / vedi pag. / ver página / Смотреть страницу / Zobacz stronę . 223

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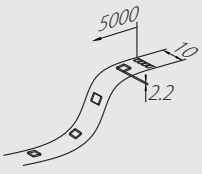
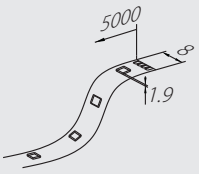
ON HIGH POWER

NEW



RGB



White

IP 20

24 VDC

72W 5M

14,4W 1M

Dimming

RGB 5m

White 10m

120°

50

1358 lm(R) RGB LIGHT

4109 lm(R) W WHITE 3000K

3800 lm(R) C WHITE

4300 lm(R) W WHITE 2500K

3 YEAR WARRANTY 4KIDS GARANTÍA

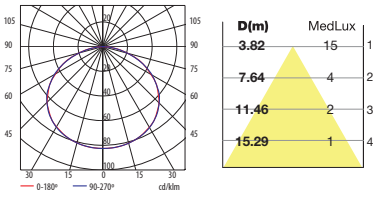


LED

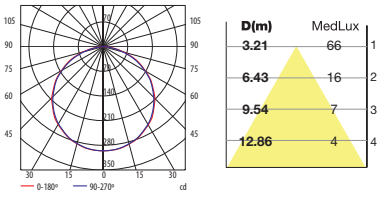
50.000 h.

91-2379-00-00	RGB	72W	60 LED/m	
91-3282-00-00	Warm W 2500K		120 LED/m	
91-2361-00-00	Warm W 3000K			
91-2365-00-00	Cold W 6000K			

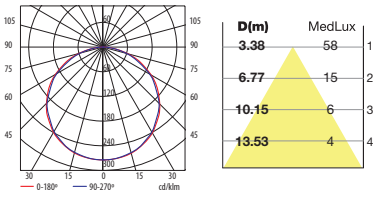
91-2379-00-00 LED
RGB



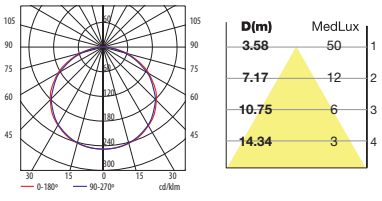
91-3282-00-00 LED
Blanco cálido / Warm white



91-2361-00-00 LED
Blanco cálido / Warm white



91-2365-00-00 LED
Blanco frio / Cold white



Accesorios / Accessories / Accesoires / Zubehöre / Accessori / Acessórios / Аксессуары / Akcesoria

LINEAL

Perfil de 2m / 2 m Profile / Profil de 2 m / 2 M Profil / Profili di 2 m / Calha de 2 m / Профиль 2 м / Profil 2m
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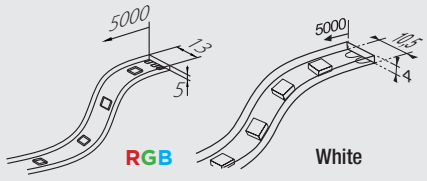
ON IP ECO

BASIC SOLUTION



IP 65 | RF 850ºC | 24 VDC

RGB	Blanco White
36W 5M	24W 5M
7,2W 1M	4,8W 1M

Dimming

RGB	White
10m	20m

120º | 75

820 lm(R)	1127 lm(R)	1111 lm(R)
RGB LIGHT	W WHITE	C WHITE

3 YEAR WARRANTY / 3 AÑOS GARANTÍA

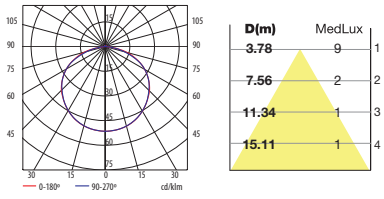


LED Eco

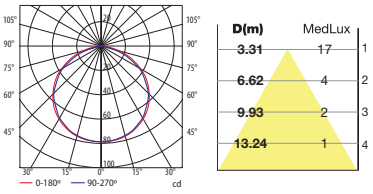
28.000 h.

NEW 91-2491-00-00	RGB	36W	60LED/m	
91-0175-00-00	Warm W 3000K	24W		
91-0171-00-00	Cold W 6000K			

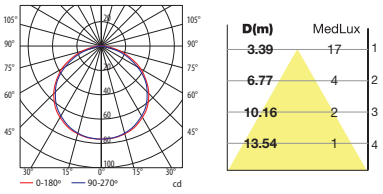
91-2491-00-00 LED
RGB



91-0175-00-00 LED
Blanco cálido / Warm white



91-0171-00-00 LED
Blanco frio / Cold white



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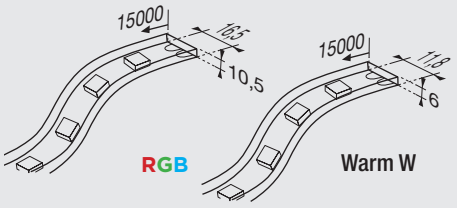
FACADE

NEW



PUR · UVA PROTECTION · 24 VDC · RGB 87W 5,8W 1M · White 54W 3,6W 1M · Dimming · 15m · 120° · 4 · 1230 lm(R) RGB LIGHT · 3465 lm(R) W WHITE · 3 YEAR WARRANTY / AÑOS GARANTÍA

LED

50.000 h.

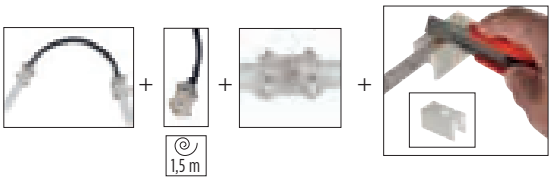


IP 67

Permite cortar y unir / Can be cut and joined / Permet de couper et de raccorder / Zum Trennen und Verbinden / Consente di tagliare e collegare / Permite cortar e unir / Позволяет разрезать и соединять / Pozwala na przecięcie i połączenie

91-3245-00-00	RGB	87W
91-3244-00-00	Warm W 3000K	54W

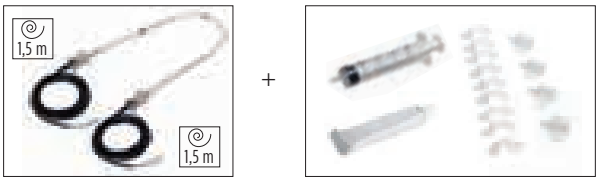
71-3232-00-00	RGB	Accesorios / Accessories / Accesoires / Zubehöre / Acessórios / Accessori / Akcesoria / Аксессуары
71-3229-00-00	WHITE	



IP 68

Solo permite corte con tapa final. No uniones / Can only be cut with final cover. Cannot be joined / Permet uniquement la découpe avec cache final, pas de raccords. / Nur für Schnitt mit Endkappe. Keine Verbindungen / Consente soltanto un taglio con cappuccio finale. No collegamenti / Só permite o corte com tampa terminal. Não permite uniões / Позволяет только разрез с окончательным покрытием. Соединения не разрешены / Pozwala na przecięcie tylko z końcową klapą. Bez złączek

91-3228-00-00	RGB	87W
91-3227-00-00	Warm W 3000K	54W



Para tira IP68 a medida, consulte con Equipo Comercial / For special IP68 strip length, please contact your sales representative. / Pour un bandeau IP68 sur mesure, veuillez consulter l'équipe commerciale. / Für IP68-Streifen nach Maß wenden Sie sich bitte an unsere Vertriebsmitarbeiter / Per striscia IP68 su misura, contattare lo staff commerciale. / Para fita IP68 à medida, consulte a Equipa Comercial / Для полосы IP68 под заказ, обратитесь, пожалуйста, в коммерческий отдел / Dla taśmy IP68 na miarę, proszę skonsultować się z działem handlowym.

Accesorios / Accessories / Accesoires / Zubehöre / Accessori / Acessórios / Аксессуары / Akcesoria



71-4664-00-00

Controlador / Controller / Contrôleur / Steuergerät / Regolatori / Controlador / Контроллер / Kontroler

IP 65 · 24 VDC · 9A · 210W · 66



71-4665-00-00

Amplificador / Amplifier / Amplificateur / Verstärker / Amplificatore / Amplificador / Амплификатор / Wzmacniacz

IP 65 · 24 VDC · 15A · 360W · 60

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LINEAL

54

AL ANOD

UVA DIF

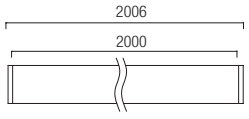
Perfil de 2m
2m Profile
Profil de 2m
2 M Profil
Profili di 2m
Calha de 2m
Профиль 2 м
Profil 2m

Todos los perfiles incluyen tapas finales y clips de sujeción.
All profiles include end caps and fastening clips.
Tous les profilés comprennent des caches finaux ainsi que des clips de fixation.
Alle Profile enthalten Deckel und Befestigungsklammern.
Tutti i profili contengono cappucci finali e ganci per il fissaggio.
Todas as calhas incluem topos finais e clips de fixação
Все профили поставляются с торцевыми заглушками и крепежом.
Wszystkie profile zawierają zaślepki i zaciski mocujące





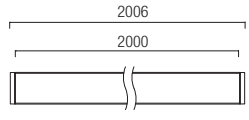
Perfil de 2m 2m Profile Profil de 2m 2 M Profil Profili di 2m Calha de 2m Профиль 2 м Profil 2m	Perfil de 2m + Difusor transparente 2m profile + Transparent diffuser Profil de 2m + Diffuseur transparent 2 M Profil + Transparenter Diffusor Profilo di 2m + Diffusore trasparente Calha de 2 m + Difusor transparente Профиль 2 м + прозрачный рассеиватель Profil 2m + Przezroczysty dyfuzor	Perfil de 2m + Difusor matizado 2m profile + Matt diffuser Profil de 2m + Diffuseur verre mat 2 M Profil + Matter Diffusor Profilo di 2m + diffusore sfumato Calha de 2 m + Difusor fosco Профиль 2 м + поляризованный рассеиватель Profil 2m + matowy dyfuzor





–	71-3454-54-M2	71-3454-54-M3

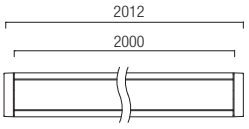
30





71-0289-54-00	71-0566-54-M2	71-0566-54-M3

20





71-0299-54-00	71-0580-54-M2	71-0580-54-M3

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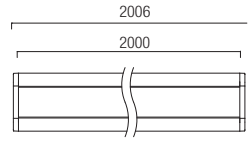



71-0331-54-00	71-0593-54-M2	71-0593-54-M3

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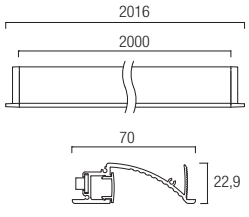




71-0388-54-00	71-0594-54-M2	71-0594-54-M3

30

71-1554-54-00	Kit para empotrar en pared de obra / Recessing kit for brick wall / Kit pour encastrer au mur / Kit zum Einbauen im Mauerwerk. / Kit per incasso a parete / Kit para encastrar em parede de obra / Набор для встроенного монтажа. / Zestaw do montażu w ścianach z cegły




Gourmet Lunch
Nasi Lemak
Nasi Kerabu

DECORATIVE

226-271
FAMILIES
FAMILIAS
FAMILLES
FAMILIEN
FAMIGLIE
FAMÍLIAS
СЕРИИ
RODZINY

272-341
DRESS UP

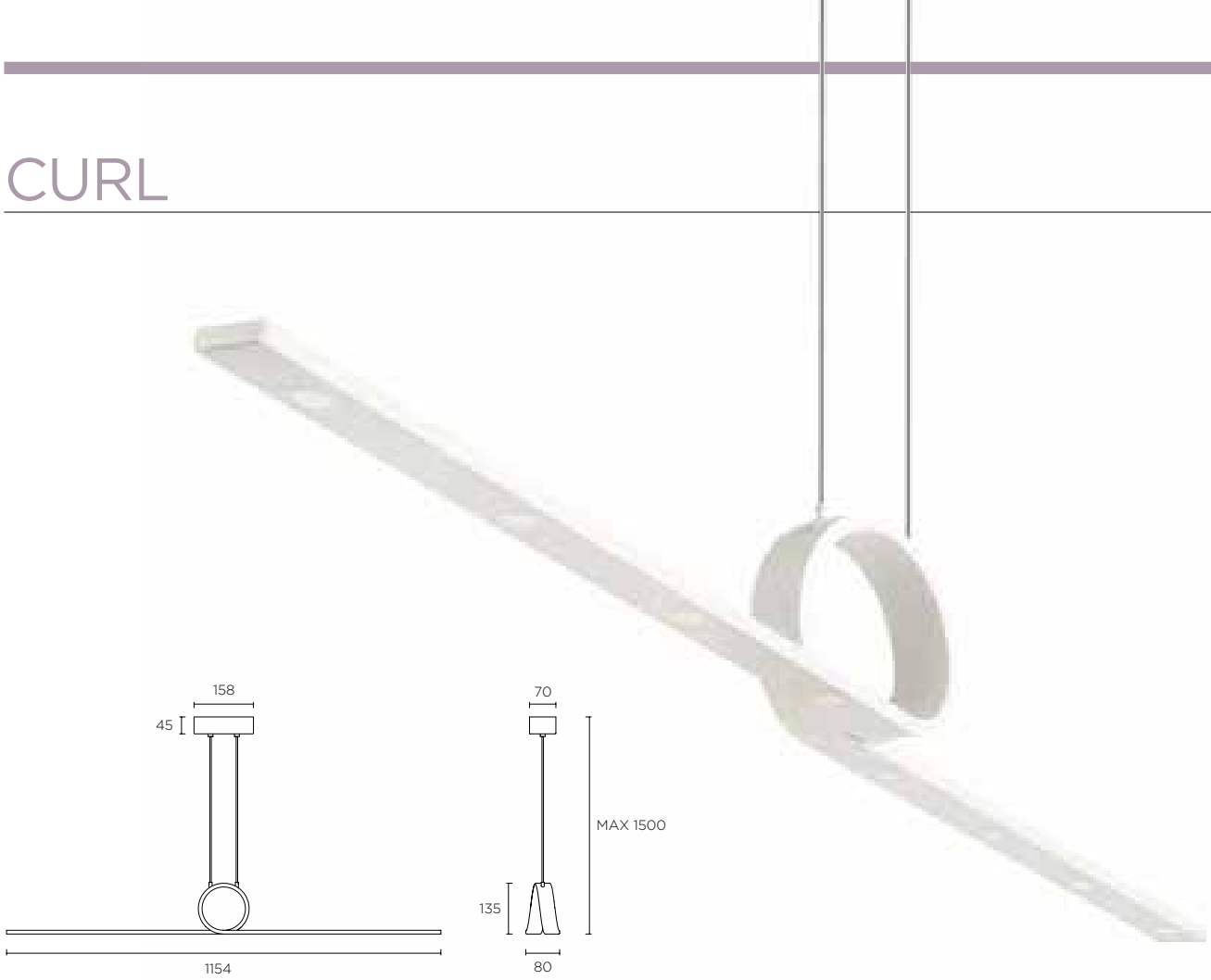
342-393
WALL & CEILING
PAREDES Y TECHOS
MUR ET PLAFOND
WAND UND DECKE
PARETE E SOFFITTO
PAREDE E TECTO
НАСТЕННЫЕ И ПОТОЛОЧНЫЕ
KINKIETY I SUFITOWE

394-409
DESK & FLOOR
SOBREMESAS Y PIES
BUREAU ET SOL
TISCH UND STEH
SCRIVANIA E PAVIMENTO
ESCRITÓRIOS E CHÃO
НАСТОЛЬНЫЕ ЛАМПЫ И ТОРШЕРЫ
BIURKOWE I STOJĄCE

410-445
BATH
BAÑO
SALLE DE BAINS
BAD
BAGNO
CASA DE BANHO
ДЛЯ ВАННЫХ КОМНАТ
ŁAZIENKOWE

446-491
CEILING FANS
VENTILADORES
VENTILATEURS DE PLAFOND
DECKENVENTILATOREN
VENTILATORI DA SOFFITTO
VENTILADORES DE TECTO
ВЕНТИЛЯТОРЫ
WENTYLATORY SUFITOWE

CURL

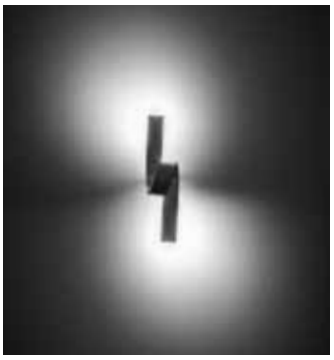


100-240V 50-60Hz

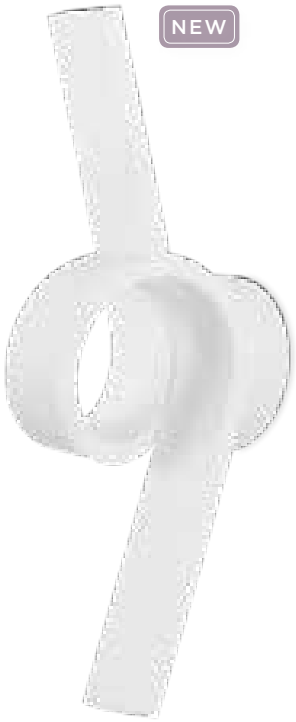
00-2017-14-14 | 00-2287-14-14

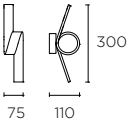
LED **CREE** 8 X 3W = 24W

1455 lm(N) | 3000k









100-240V 50-60Hz

05-2017-14-14

LED **CREE** 2 X 3W = 6W

364 lm(N) | 3000k

14

AL

RF 850°C

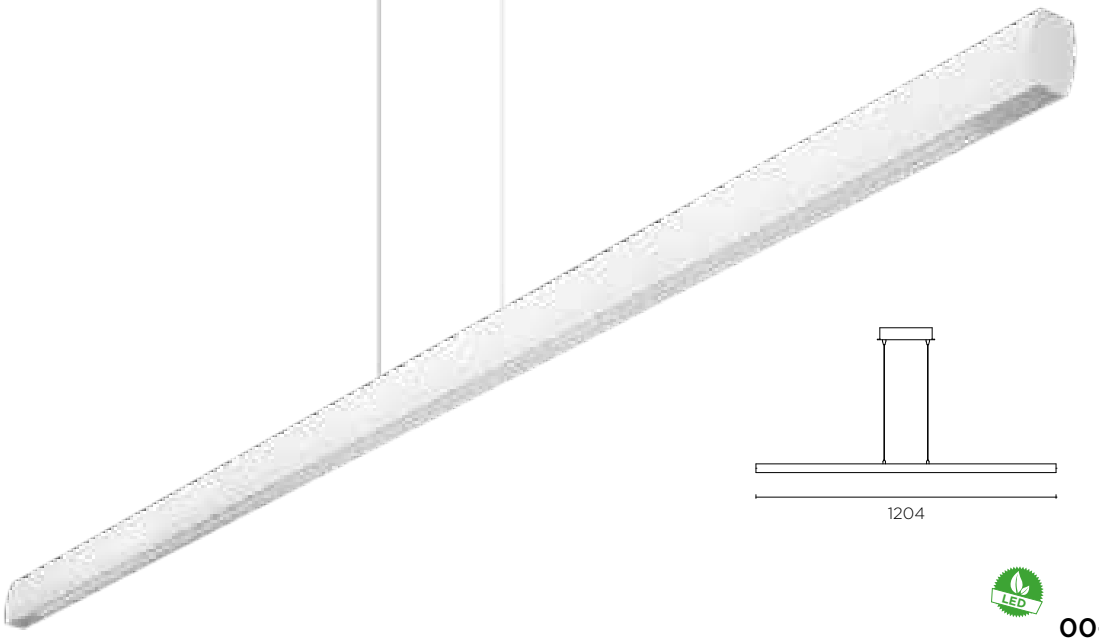
4

WHITE



ROAD

NEW



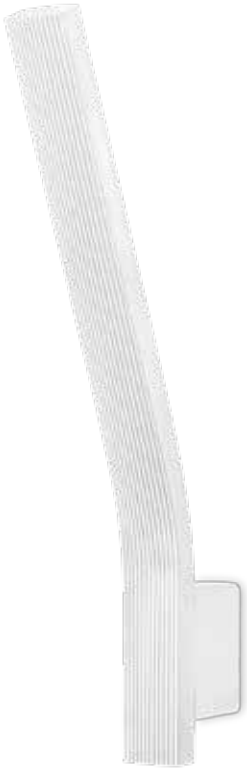
4

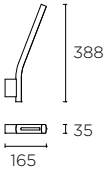
00-3251-14-M1

LED 128 X 0,26W = 33,6W

3910 lm(N) | 3000k







8

05-3251-14-M1

LED 24 X 0,26W = 6,3W

720 lm(N) | 3000k

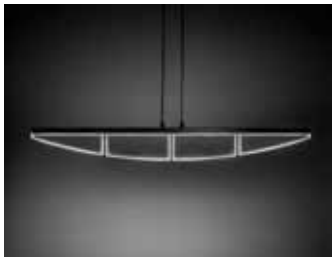
14

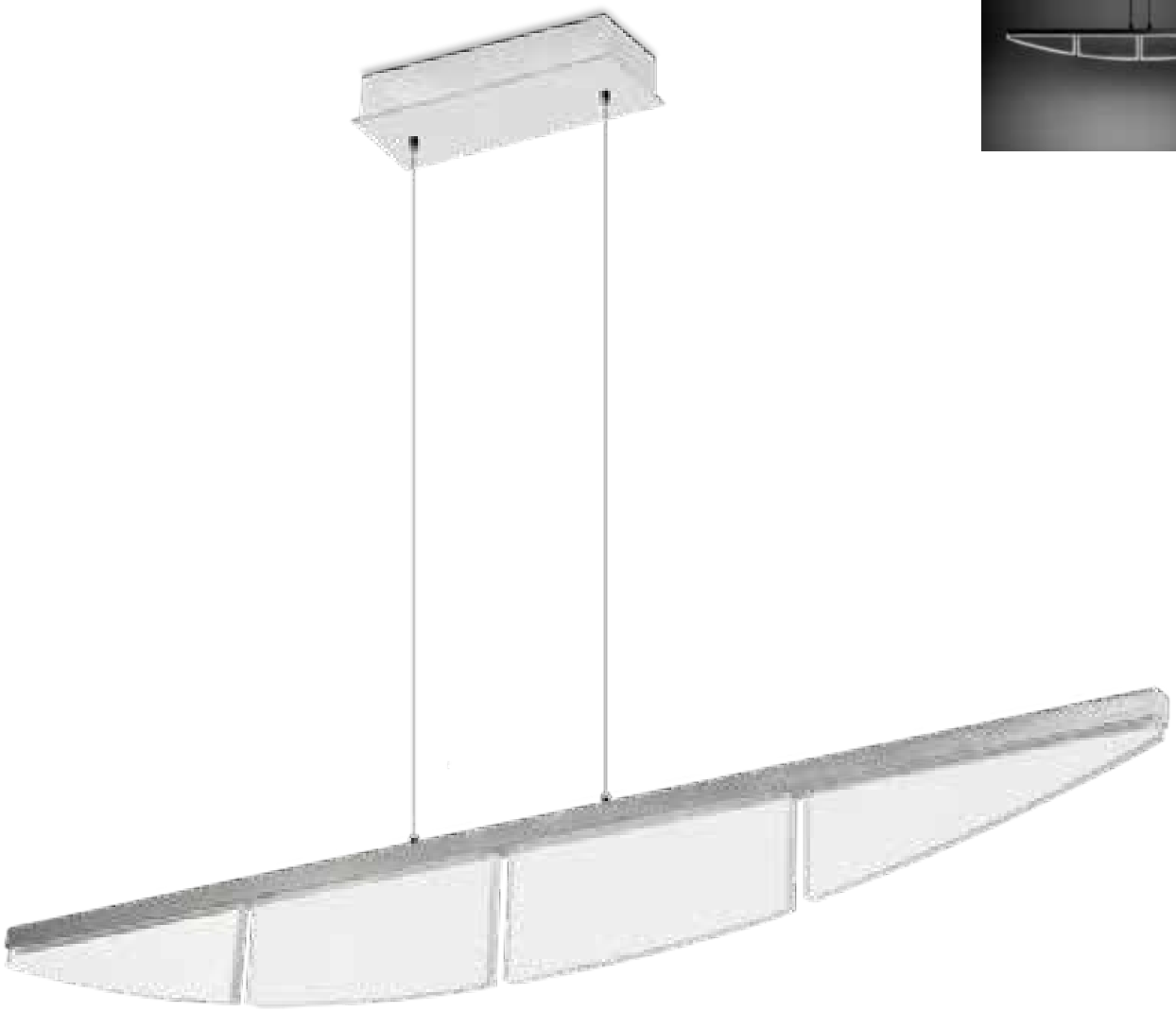
AL | ACR DIF | 100-240V 50-60Hz | WHITE

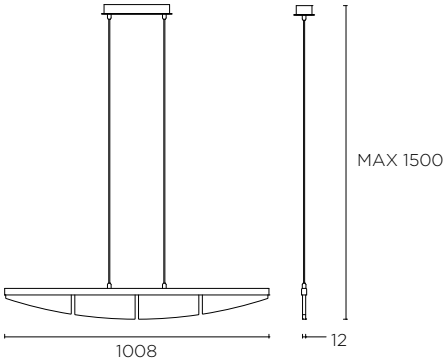


SVEN

NEW







00-3272-S2-37
LED 140 X 0,20W = 28W
2520 lm(N) | 3000k

71-2241-00-00
P. 881

S2

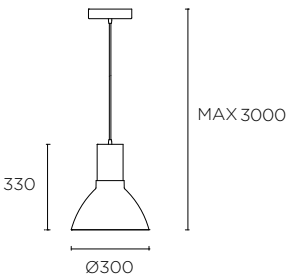
AL | GLA DIF | 100-240V 50-60Hz | W WHITE | 4



BELL

NEW







00-3219-S2-M2

LED **SHARP** 18W
1800 lm(N) | 3000k

S2

AL

PC
DIF

100-240V
50-60Hz

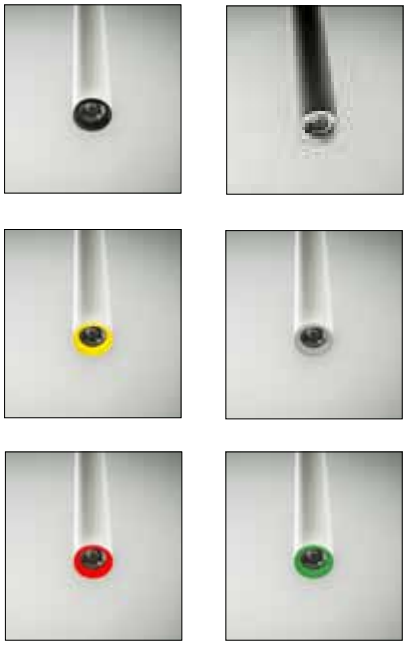
2

W
WHITE



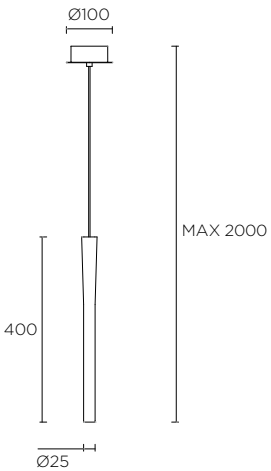
ROCKET

6 aros de colores incluidos
6 coloured rings included
6 anneaux de couleur fournis
6 farbige Bügel mitgeliefert
6 anelli colorati inclusi
6 aros coloridos incluídos
В комплект входят 6 цветных колец
Zawartych 6 kolorowych obręczy









6

00-3279-16-16 | 00-3279-05-05

LED **CREE** 1 X 2,2W
182 lm(N) | 3000k

16 05

AL | RF 850°C | 100-240V 50-60Hz | W WHITE

NEW

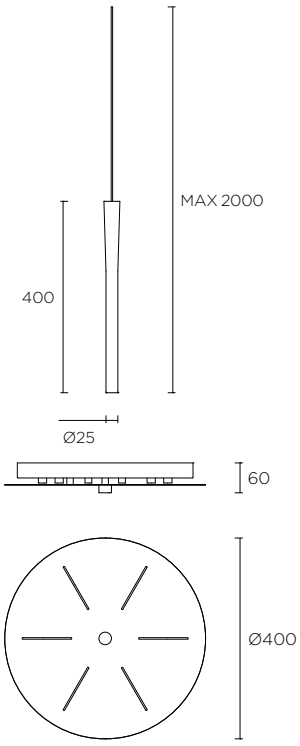


Producto personalizado bajo pedido
Customized products available upon request
Produits personnalisés sur commande
Sonderanfertigungen auf Anfrage
Prodotti personalizzabili su richiesta
Produtos personalizados sob encomenda
Продукция, изготовленная на заказ
Zindywidualizowane produkty dostępne
na zamówienie

00-3280-05-16
LED **CREE** 6 X 2,2W
1092 lm(N) | 3000k

00-3280-16-16
LED **CREE** 6 X 2,2W
1092 lm(N) | 3000k



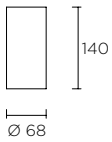


00-3280-05-05
LED **CREE** 6 X 2,2W
1092 lm(N) | 3000k



PIPE

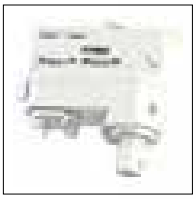




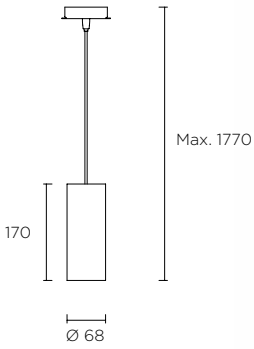
50

15-0073-14-05

1 x GU10 50W
HALOGEN - LED



P. 77



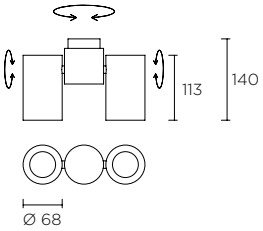


25

00-0073-14-05

1 x GU10 50W
HALOGEN - LED





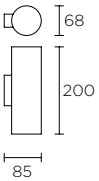
6

15-0074-14-05

2 x GU10 50W
HALOGEN - LED

NEW





8

05-2759-14-05

2 X GU10 50W
HALOGEN - LED

14 - 05

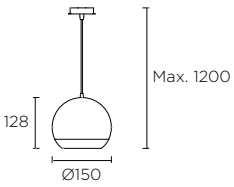
AL

RF 850°C

0,5m

BLIND

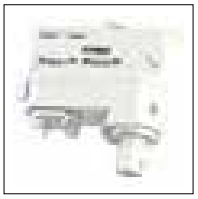




00-1509-14-21

1 X ES-111 75W





P. 77

14 - 21

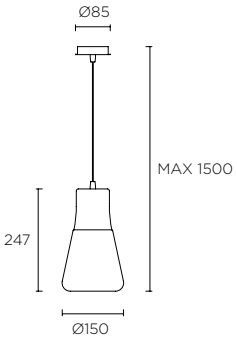
ST

RF 850°C

12

DROP



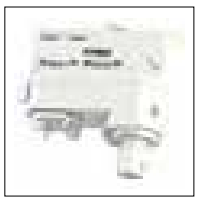


00-2018-21-F9 | 00-2018-14-F9

1 X E-27 MAX. 60W | L= 119 MM Ø= 58 MM

HALOGEN – FLUORESCENT – LED

RECOMMENDED LED ACT-FLL-050



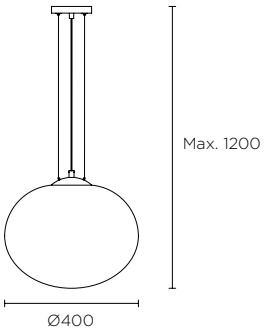
P. 77





NIMES





00-1640-81-F9

1 X E-27 MAX. 100W | L= 200 MM
HALOGEN – FLUORESCENT – LED

81

ST

GLA OPAL

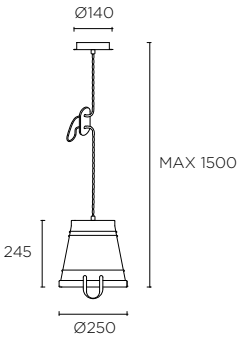
RF 850°C

1

BUCKET

NEW

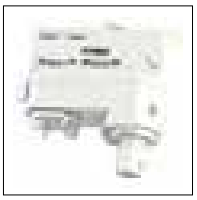




4

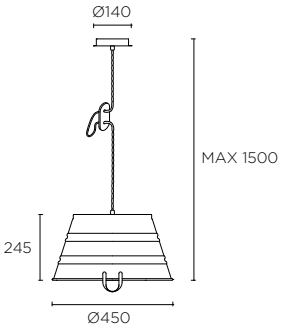
00-2708-16-11 | 00-2708-CG-16

1 X E-27 MAX. 100W | Ø= 180 MM L= 210 MM
HALOGEN – FLUORESCENT – LED
RECOMMENDED GLOBE 18W



P. 77

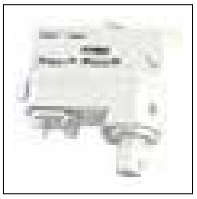




2

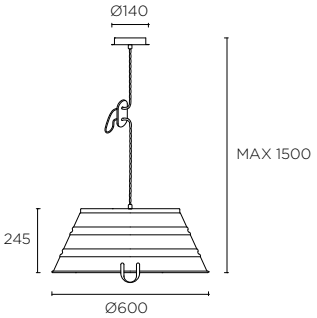
00-2709-16-11 | 00-2709-CG-16

1 X E-27 MAX. 100W | L= 225 MM
HALOGEN – FLUORESCENT – LED
RECOMMENDED GLOBE 18W



P. 77

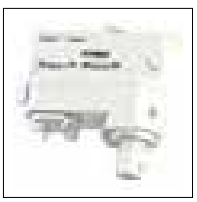




2

00-2710-16-11 | 00-2710-CG-16

3 X E-27 MAX. 60W | Ø= 140 MM L= 170 MM
HALOGEN – FLUORESCENT – LED



P. 77

16 - 11 CG - 16

AL

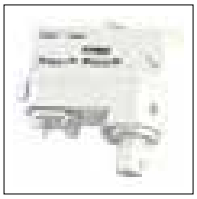
RF 850°C



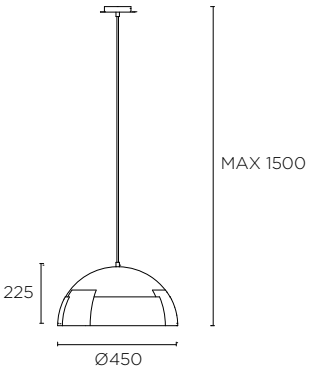
NEO

NEW





P. 77

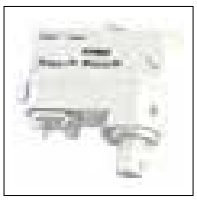


2

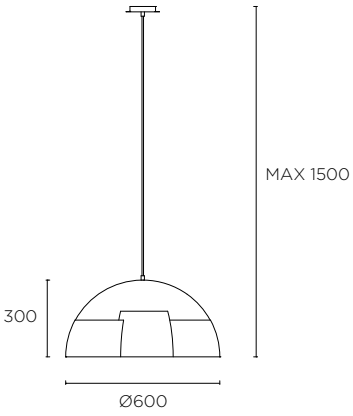
00-2749-E2-16 | 00-2749-T4-11

1 X E-27 MAX. 100W | L= 190 MM
HALOGEN – FLUORESCENT – LED
RECOMMENDED GLOBE 18W





P. 77



1

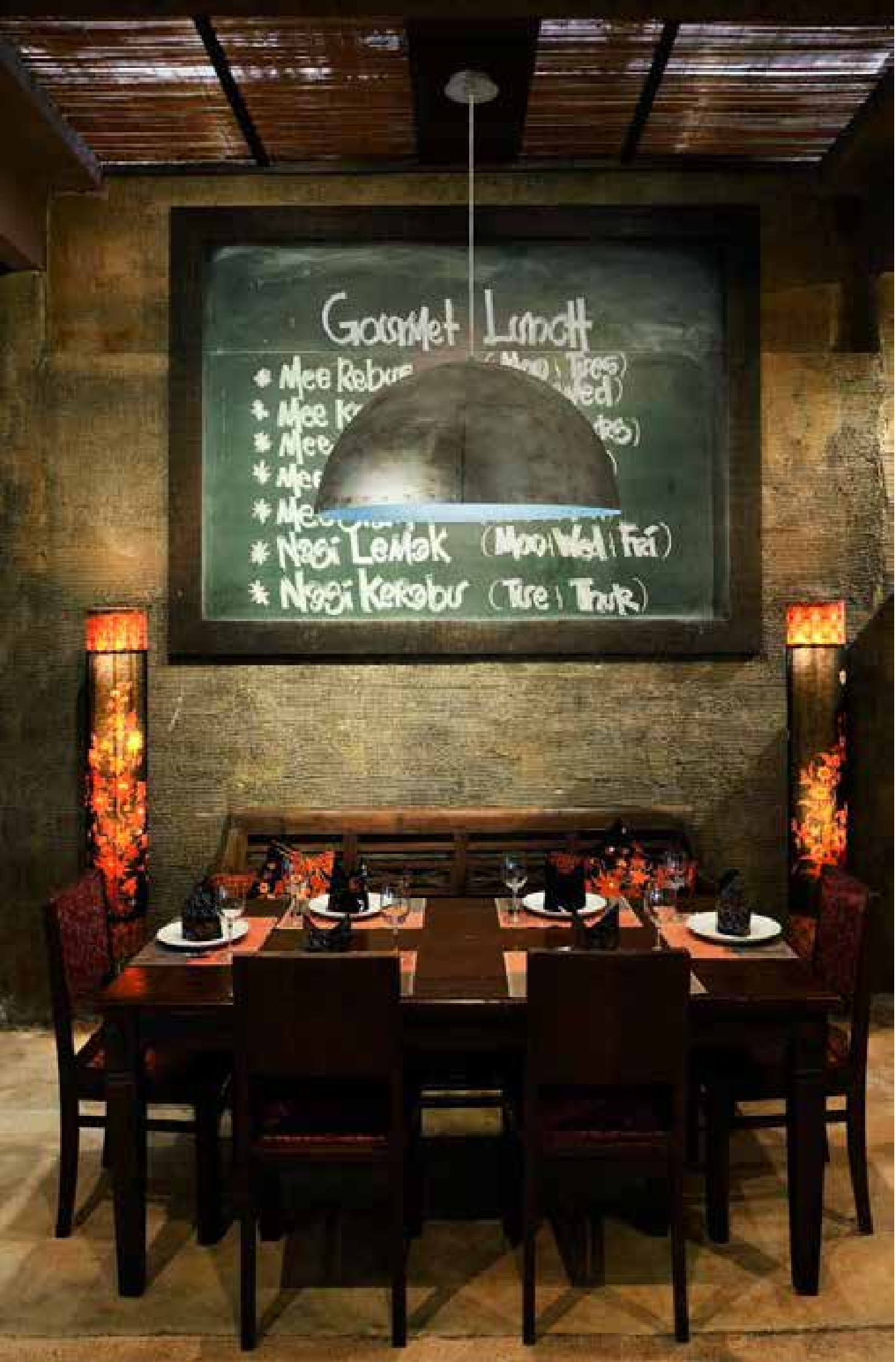
00-2908-E2-16 | 00-2908-T4-11

3 X E-27 MAX. 60W | Ø= 140 MM L= 170 MM
HALOGEN – FLUORESCENT – LED

E2 - 16 T4 - 11

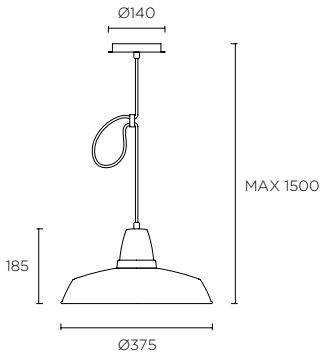
AL

RF 850°C


Gourmet Lunch
Nasi Lemak
Nasi Kerabu

VINTAGE





00-1799-S4-CG | 00-1799-21-16

1 X E-27 MAX. 100W

HALOGEN – FLUORESCENT – LED

RECOMMENDED GLOBE 20W



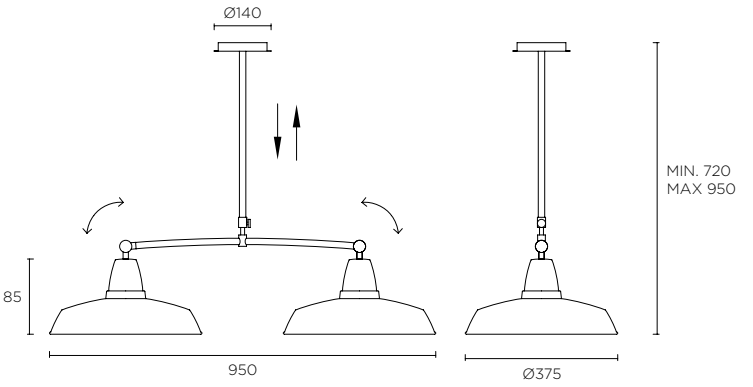
P. 77

Z6 - 20 16 - 11

ST RF 850° C 3 ®









00-2011-S4-CG | 00-2011-21-16

2 X E-27 MAX. 100W

HALOGEN – FLUORESCENT – LED

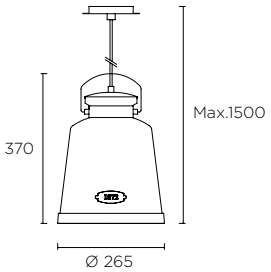
RECOMMENDED GLOBE 20W

Z6 - 20 16 - 11

ST RF 850°C

VINTAGE





00-0253-S4-CC | 00-0253-21-16

1 X E-27 MAX. 100W | L= 260 MM

RECOMMENDED GLOBE 20W

HALOGEN – FLUORESCENT – LED



P. 77



CC - 11 16 - 25

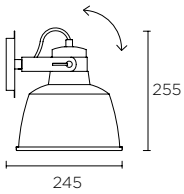
AL

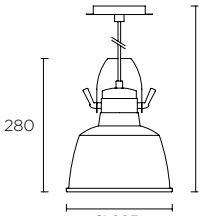
RF 850° C













00-0240-21-Z5 | 00-0240-21-16

1 X E-27 MAX. 100W | Ø= 85MM L= 175 M

RECOMMENDED GLOBE 20W

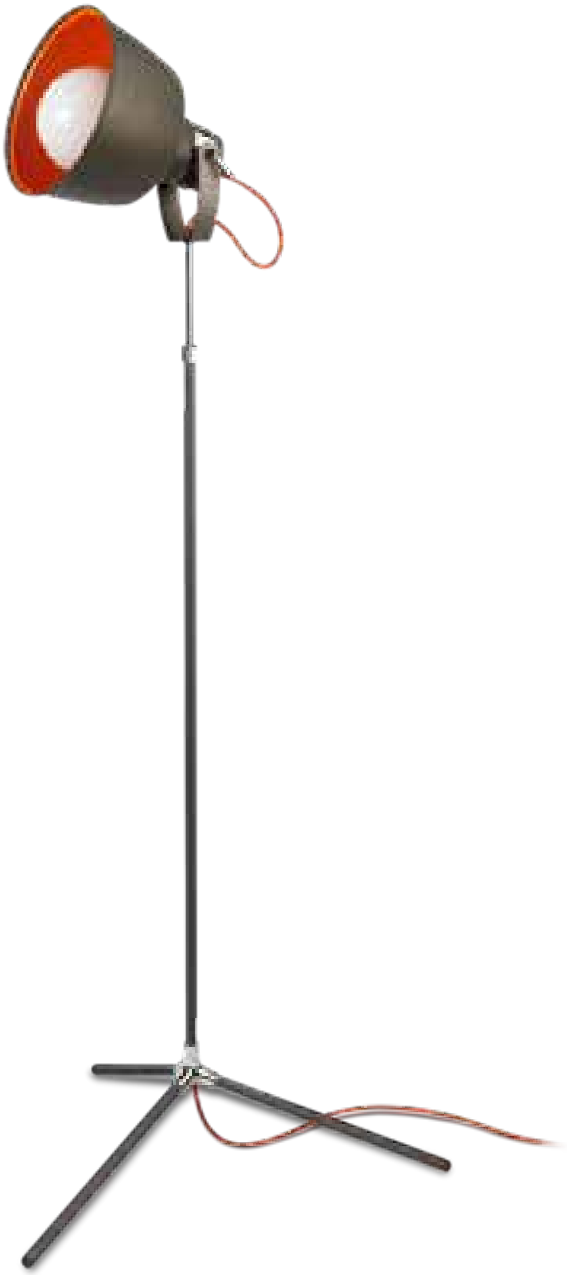
HALOGEN – FLUORESCENT – LED

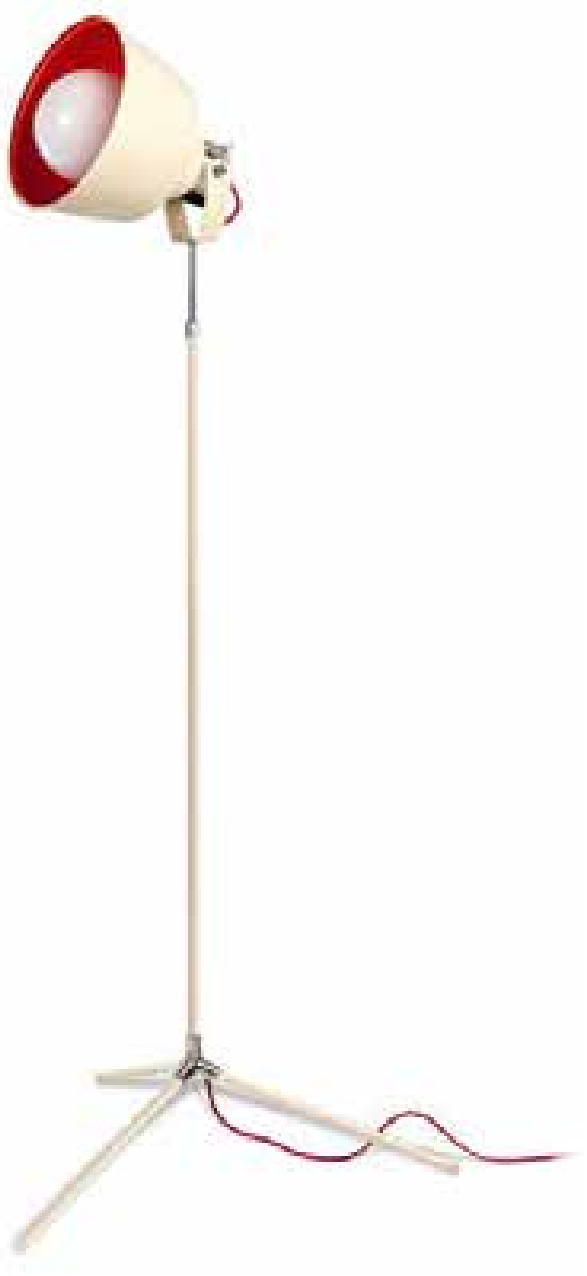
P. 77

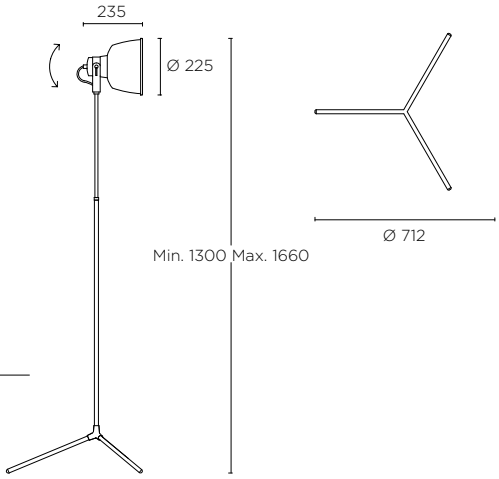
Z5 - 10 16 - 25

ST RF 850°C

VINTAGE







25-0240-21-Z5 | 25-0240-21-16

1 X E-27 MAX. 100W | Ø= 85MM L= 175 MM

RECOMMENDED GLOBE 20W

HALOGEN – FLUORESCENT – LED

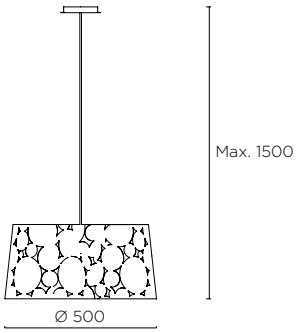
Z5 - 10 16 - 25



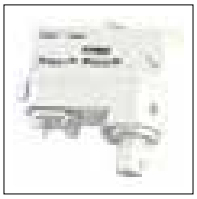


TRAMA

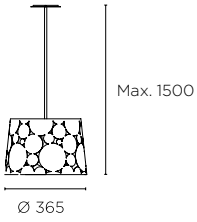








P. 77



00-4426-14-14
3 X E-27 MAX. 60W | L= 155 MM
RECOMMENDED GLOBE 20W
HALOGEN – FLUORESCENT – LED

00-4343-05-05 | 00-4343-14-14
1 X E-27 MAX. 100W | L= 165 MM
RECOMMENDED GLOBE 20W
HALOGEN – FLUORESCENT – LED

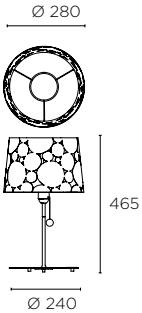
05 14 ST RF 850° C 1 ®



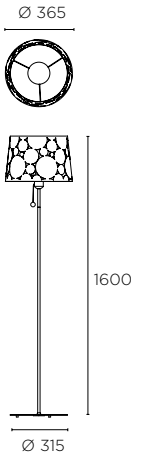


15-4426-14-14
3 X E-27 PL ELEC. MAX. 23W
FLUORESCENT – LED





10-4343-14-14
1 X E-27 MAX. 100W| L= 190 MM
RECOMMENDED GLOBE 20W
FLUORESCENT – LED



25-4343-14-14
1 X E-27 MAX. 100W | L= 215 MM
RECOMMENDED GLOBE 20W
HALOGEN – FLUORESCENT – LED

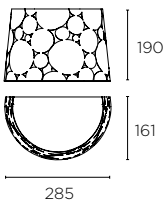




TRAMA







05-4343-05-05 | 05-4343-14-14

2 X E-27 MAX. 60W | Ø= 50 MM L= 155 MM

HALOGEN – FLUORESCENT – LED

05 14



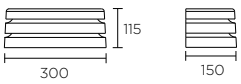





CUMBIA



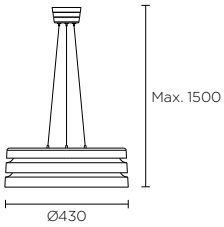




05-2785-21-AS

2 X E-27 PL ELEC. MAX. 20W | Ø= 65 MM L= 135 MM
FLUORESCENT - LED





00-2785-21-AS

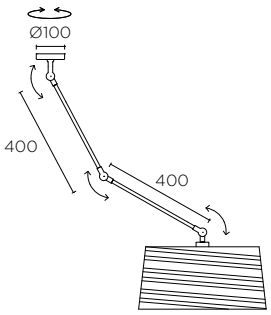
3 X E-27 PL ELEC. MAX. 20W | L= 125 MM
FLUORESCENT - LED

AS

MECANO

NEW

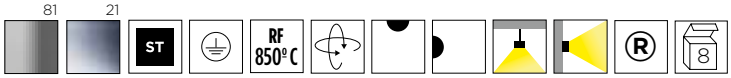




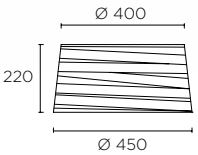
05-2707-81-21 + PAN

1 X E-27 MAX. 100W | L= 125 MM
RECOMMENDED GLOBE 18W
HALOGEN – FLUORESCENT – LED

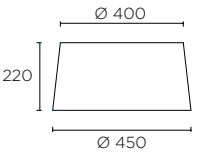
81 21



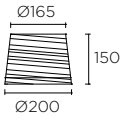
PAN-163-14 | L= 170 MM
PAN-163-05 | L= 170 MM



PAN-164-14 | L= 240 MM
PAN-164-05 | L= 240 MM



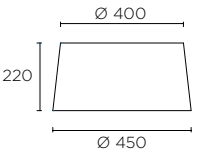
PAN-174-14 | L= 225 MM
PAN-174-05 | L= 225 MM



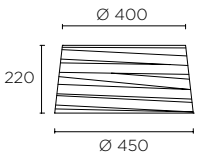
PAN-219-14 | L= 170 MM
PAN-219-05 | L= 170 MM

MAGMA

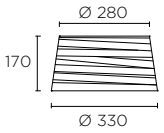




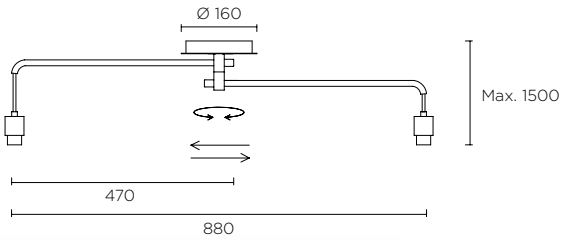
PAN-174-14 | L= 225 MM
PAN-174-05 | L= 225 MM



PAN-164-14 | L= 240 MM
PAN-164-05 | L= 240 MM



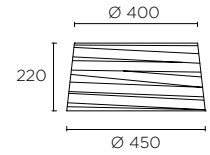
PAN-163-14 | L= 170 MM
PAN-163-05 | L= 170 MM



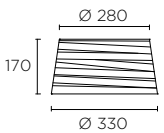
00-0268-21-82 + 2 X PAN

2 X E-27 MAX. 100W
RECOMMENDED GLOBE 20W
HALOGEN – FLUORESCENT – LED

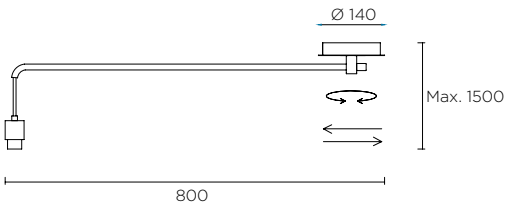




PAN-164-14 | L= 240 MM
PAN-164-05 | L= 240 MM



PAN-163-14 | L= 170 MM
PAN-163-05 | L= 170 MM



00-0264-21-82 + PAN

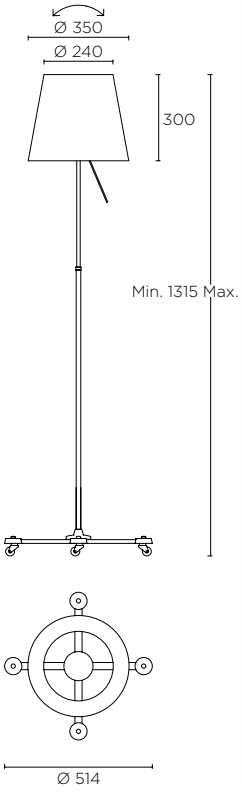
1 X E-27 MAX. 100W
RECOMMENDED GLOBE 20W
HALOGEN – FLUORESCENT – LED

21 **PAN** 14 **PAN** 05





MAGMA







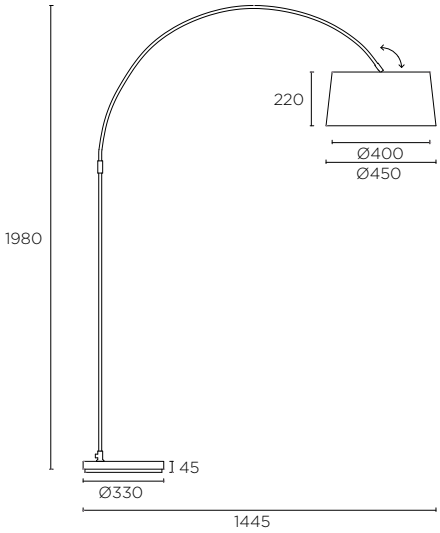
25-0264-21-82 + PAN-165-05
1 X E-27 MAX. 100W | L= 210 MM
RECOMMENDED GLOBE 20W
HALOGEN – FLUORESCENT – LED

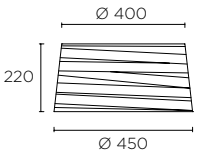
25-0264-21-82 + PAN-165-14
1 X E-27 MAX. 100W | L= 210 MM
RECOMMENDED GLOBE 20W
HALOGEN – FLUORESCENT – LED

Z5 - 21 **PAN** 14 **PAN** 05

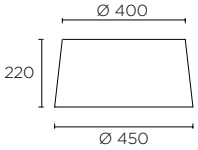
ST COT SHADE RF 850°C 4 ®







PAN-164-14 | L= 225MM
PAN-164-05 | L= 225MM



PAN-174-14 | L= 225MM
PAN-174-05 | L= 225MM

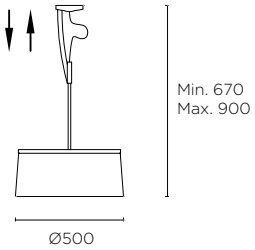
25-0467-21-82 + PAN
1 X E-27 MAX. 100W
RECOMMENDED GLOBE 20W
HALOGEN – FLUORESCENT – LED

21 **PAN** 14 **PAN** 05

ST COT SHADE RF 850°C

VIRGINIA



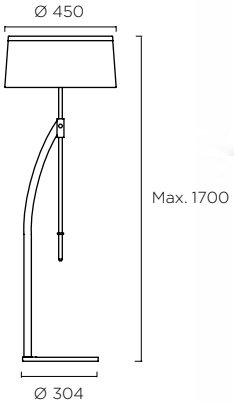


1

00-4339-21-05

3 X E-27 PL ELEC. MAX. 21W | L= 160 MM
FLUORESCENT - LED

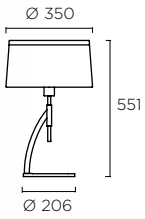




1

25-4339-21-05

3 X E-27 PL ELEC. MAX. 16W | L= 150 MM
FLUORESCENT - LED



1

10-4339-21-05

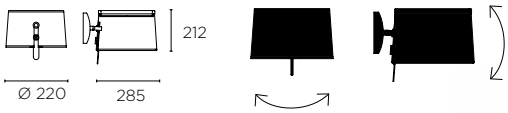
1 X E-27 PL ELEC. MAX. 16W | L= 170 MM
FLUORESCENT - LED



21 - Z5 **PAN** 05

ST | COT SHADE | ACR DIF | ®





6

05-4339-21-05

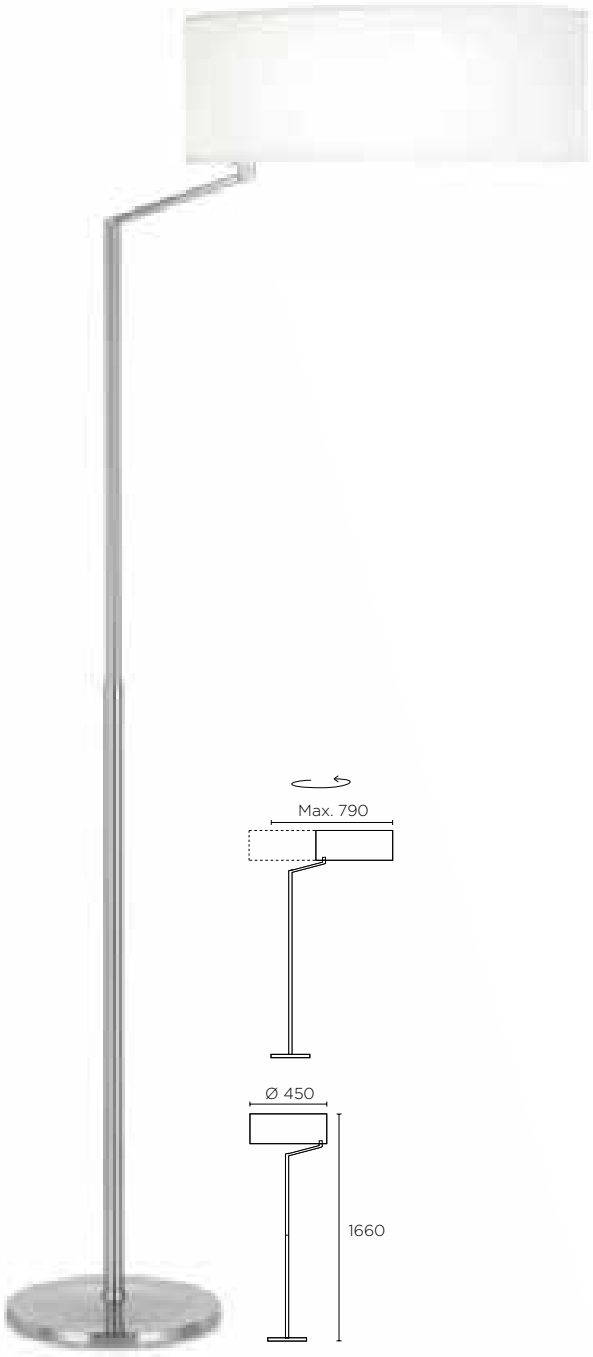
1 X E-27 PL ELEC. MAX. 16W | L= 140 MM
FLUORESCENT – LED

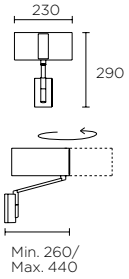




TWIST

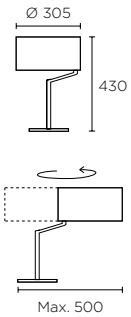








05-2817-81-14
1 X E-27 MAX. 60W ESF. Ø45 | Ø= 70 MM L= 130 MM
HALOGEN - FLUORESCENT - LED





25-2817-81-14
1 X E-27 MAX. 150W | L= 250 MM
HALOGEN - FLUORESCENT - LED

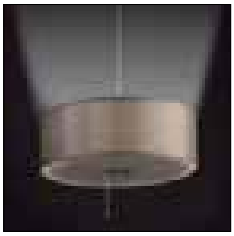
10-2817-81-14
1 X E-27 MAX. 60W ESF. Ø45 | Ø= 70 MM L= 130 MM
HALOGEN - FLUORESCENT - LED

81 PAN 14

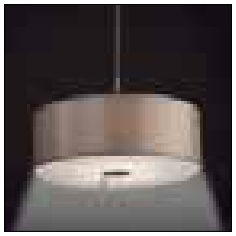
UP & DOWN



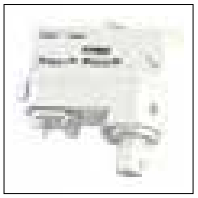




Light **UP**



Light **DOWN**



P. 77



00-2713-81-AJ

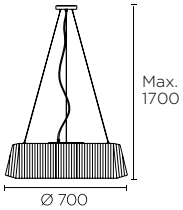
1 X E-27 HALOGEN MAX. 150W **OSRAM INCLUDED** | Ø= 65 MM L= 145 MM
RECOMMENDED MEGAMAN MU123i
FLUORESCENT - LED

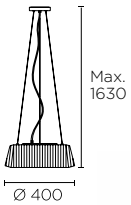
81 **PAN** AJ

ST | GLA DIF | COT SHADE

FLORENCIA







71-4695-81-81
15-4695-XX-M1 + 71-4695-81-81 (Ø400)
15-4696-XX-M1 + 71-4695-81-81 (Ø700)









2

15-4696-J6-M1 | 15-4696-20-M1
3 X E-27 MAX. 40W | Ø= 50 MM L= 200 MM
HALOGEN - FLUORESCENT - LED

4

15-4695-J6-M1 | 15-4695-20-M1
2 X E-27 MAX. 40W | Ø= 50 MM L= 160 MM
HALOGEN - FLUORESCENT - LED

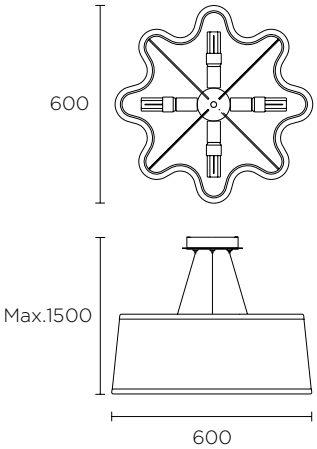


PAN J6 **PAN** 20

ST | ACR DIF | COT SHADE

SAN FRANCISCO





20-2787-21-J6

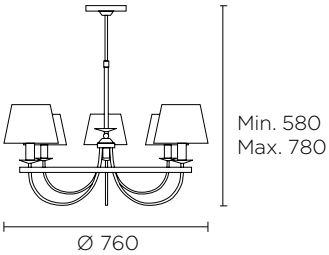
4 X E-27 MAX. 60W | Ø= 120 MM L= 160 MM
HALOGEN - FLUORESCENT - LED

21 **PAN** J6

ST ACR DIF COT SHADE

PROVENZA





1

20-0544-Y2-20

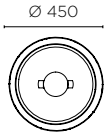
5 X E-14 MAX. 60W | Ø=100 MM L= 95 MM
HALOGEN - FLUORESCENT - LED
RECOMMENDED MEGAMAN GA807i

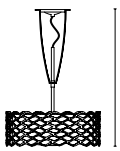
Y2 **PAN** 20

ST COT SHADE

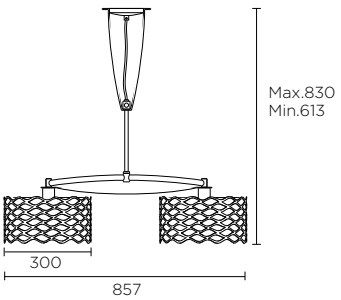
ALSACIA











00-4341-Z6-20
3 X E-27 MAX. 60W | Ø= 100 MM L= 120 MM
HALOGEN - FLUORESCENT - LED

20-4341-Z6-20
2 X E-27 MAX.100W | L= 120 MM
HALOGEN - FLUORESCENT - LED

Z6 PAN 20
ST COT SHADE RF 850º C ®

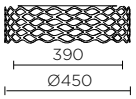
ALSACIA



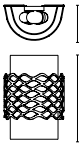
2

15-4341-Z6-20

3 X E-27 MAX 40W | Ø= 60 MM L= 170 MM
HALOGEN - FLUORESCENT - LED





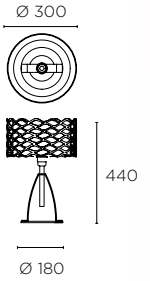




6

05-4341-Z6-20

2 X E-27 PL ELEC. MAX. 23W | Ø= 60 MM L= 170 MM
FLUORESCENT - LED

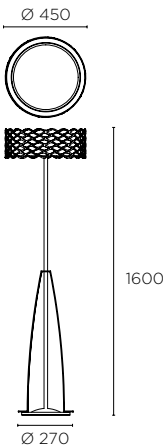




2

10-4341-Z6-20

1 X E-27 MAX. 100W | L= 150 MM
RECOMMENDED GLOBE 20W
HALOGEN - FLUORESCENT - LED



1

25-4341-Z6-20

3 X E-27 MAX. 60W | Ø= 100 MM L= 120 MM
HALOGEN - FLUORESCENT - LED

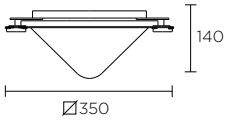
Z6 **PAN** 20

ST | COT SHADE | RF 850ºC | ®



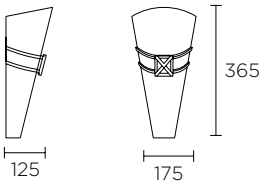
VERONESE





15-2300-S4-15
2 X E-27 MAX. 60W ESF. Ø45 | Ø= 50MM L= 100 MM
RECOMMENDED MEGAMAN 7W GA807i
HALOGEN - FLUORESCENT - LED

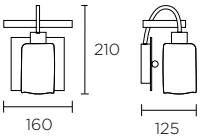




05-2304-S4-15
1 X E-14 MAX. 60W | Ø= 60MM L= 120 MM
HALOGEN - FLUORESCENT - LED

S4 15 ST GLA RF 850°C 1

XENIA



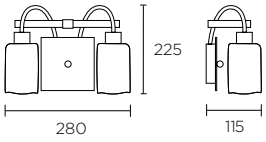


10

05-0575-Y2-E7

1 X E-14 MAX 60W | Ø= 50 MM L= 100 MM

RECOMMENDED MEGAMAN CL407



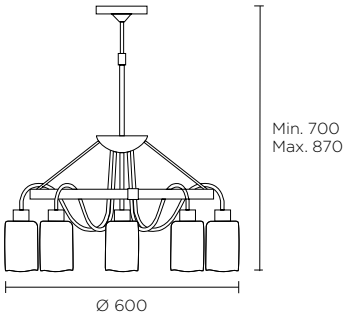


10

05-0576-Y2-E7

2 X E-14 MAX 60W | Ø= 50 MM L= 100 MM

RECOMMENDED MEGAMAN CL407





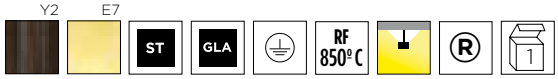
1

20-0576-Y2-E7

5 X E-14 MAX 60W | Ø= 50 MM L= 100 MM

RECOMMENDED MEGAMAN CL407

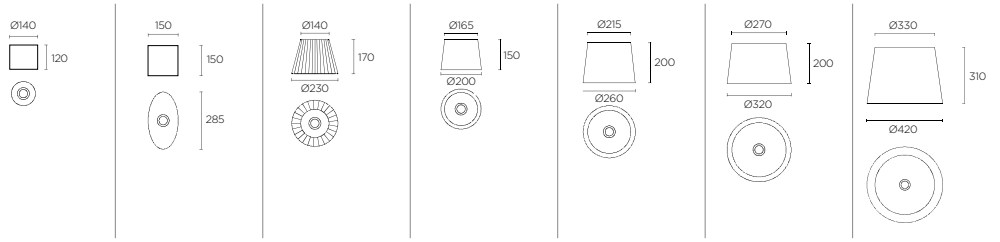
HALOGEN - FLUORESCENT - LED



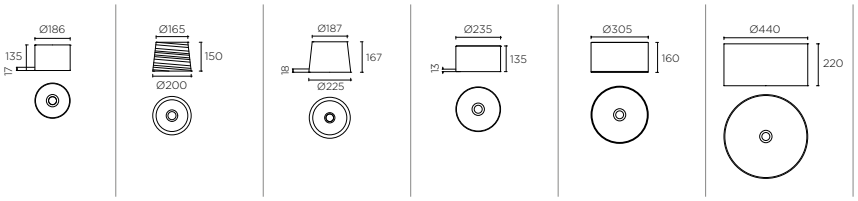
DRESS UP!

VISTE LA ESTRUCTURA A TU GUSTO.
DRESS THE STRUCTURE WITH THE SHADE OF YOUR CHOICE.
HABILLEZ LA STRUCTURE À VOTRE GOÛT.
STELLEN SIE DIE STRUKTUR NACH IHREM GESCHMACK EIN.
STRUTTURA IL TUO STILE.
VESTE A ESTRUTURA A TEU GOSTO.
ВЫБЕРИТЕ СТРУКТУРУ И АБАЖУР, СОЗДАЙТЕ СВОЮ ЛАМПУ.
SAM DOBIERZ ABAŻUR DO WYBRANEJ LAMPY.



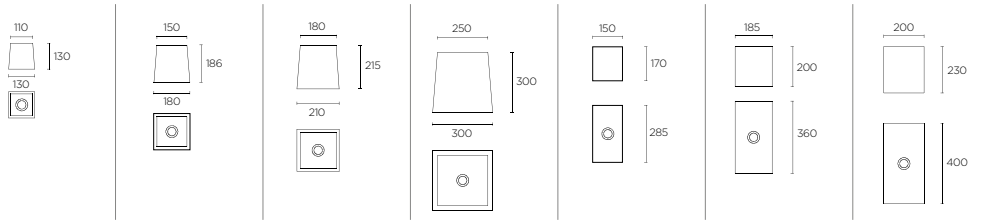


	XS	S	S	S	M	L	XL
14	PAN 175-14	PAN 177-14	PAN 169-14	PAN 157-14	PAN 161-14	PAN 184-14	PAN 159-14
BY	PAN 175-BY	PAN 177-BY		PAN 157-BY	PAN 161-BY	PAN 184-BY	PAN 159-BY
J6				PAN 158-J6	PAN 162-J6	PAN 185-J6	PAN 160-J6



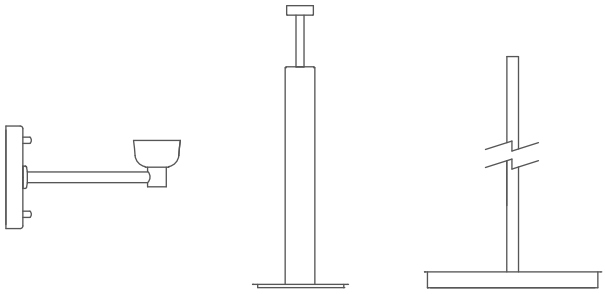
	XS	S	S	S	M	L
14		PAN 219-14				
05		PAN 219-05				
AJ			PAN 194-AJ			
V7	PAN 198-V7			PAN 199-V7	PAN 220-V7	PAN 221-V7





	XS	S	M	L	S	M	L
14	PAN 178-14	PAN 179-14	PAN 180-14	PAN 181-14	PAN 176-14	PAN 182-14	PAN 183-14
BY	PAN 178-BY	PAN 179-BY	PAN 180-BY	PAN 181-BY	PAN 176-BY	PAN 182-BY	PAN 183-BY
20	PAN 186-20	PAN 187-20	PAN 188-20	PAN 189-20			
T001						PAN 182-T001	PAN 183-T001

HOW TO USE ?







1. Step

Elige la estructura en el acabado que más te guste.

Choose the structure in the finish that best suits you.

Choisissez la structure dans la finition de votre goût.

Bitte wählen sie die gewünschte struktur.

Scegli la struttura nella rifinitura di tuo gusto.

Escolha a estrutura no acabamento ao seu gosto.

Выберите структуру в желаемой отделке.

Wybierz podstawę w kolorze, który najbardziej pasuje

2. Step

Elige la forma, tamaño y acabado de la pantalla. Verás nuestras recomendaciones en las páginas siguientes.

Select the shape, size and finish of the shade. You can see our recommendations on the following pages.

Sélectionnez le modèle, la dimension et la finition de l'abat-jour. Vous trouverez quelques-unes de nos recommandations aux pages suivantes.

Bitte wählen sie die form, grösse und farbe des lampenschirmes. Unsere Empfehlungen finden Sie in der nächsten Seiten.

Scegli forma, dimensione e rifinitura dello schermo. Nelle pagine seguenti troverai i nostri consigli.

Escolha a forma, o tamanho e o acabamento do abat-jour. Encontrará as nossas recomendações nas páginas seguintes.

Выберите форму, размер и отделку абажура. На следующих страницах Вы увидите наши рекомендации.

wybierz kształt, wielkość i wykończenie abażura. Kieruj się naszymi rekomendacjami na kolejnych stronach.

3. Step

¡Tu lámpara está lista!

Your lamp is now ready!

Votre luminaire est prêt !

Die Lampe ist fertig!

La tua lampada è pronta!

A sua luminária está pronta.

Ваша лампа готова!

Lampa jest gotowa.

BALI



05-3218-81-82 + PAN

05-3218-21-82 + PAN

05-3218-E4-82 + PAN

1 X E-27 MAX. 60W ESF. ø45
HALOGEN - FLUORESCENT - LED
LED **CREE** 2,2W
182 lm(N)

DRESS **UP!**

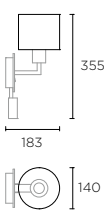


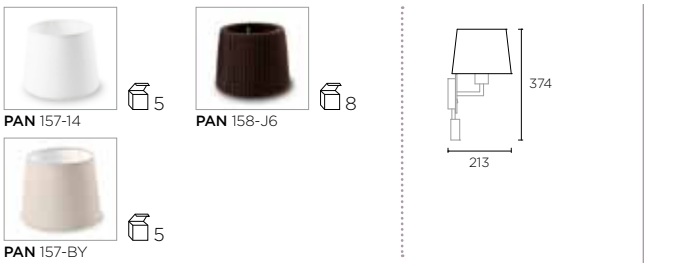
PAN 175-14



PAN 175-BY

5





PAN 157-14 — 5

PAN 158-J6 — 8

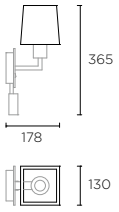
PAN 157-BY — 5

PAN 178-14

PAN 186-20

PAN 178-BY

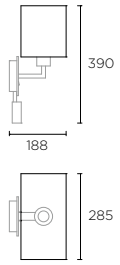
10



PAN 176-14

PAN 176-BY

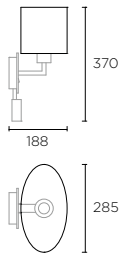
6



PAN 177-14

PAN 177-BY

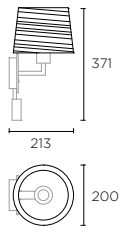
6



PAN 219-05

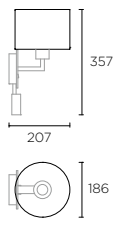
PAN 219-14

5



PAN 198-V7

8



81 21 E4 **PAN** 05 **PAN** 14 **PAN** BY **PAN** 20 **PAN** J6 **PAN** V7

ST | COT SHADE | RF 850ºC | 2X | 12 | WHITE



BALI



05-3217-81-82 + PAN

05-3217-21-82 + PAN

05-3217-E4-82 + PAN

1 X E-27 MAX. 60W ESF. ø45
HALOGEN - FLUORESCENT - LED

DRESS **UP!**

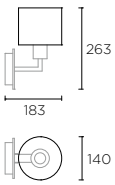


PAN 175-14



PAN 175-BY

5



GLOSS



05-2755-81-21 + PAN

1 X E-27 MAX. 60W ESF. ø45
HALOGEN - FLUORESCENT - LED

DRESS **UP!**

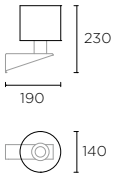


PAN 175-14



PAN 175-BY

5





PAN 157-14

5



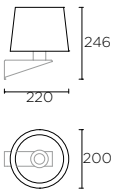
PAN 158-J6

8



PAN 157-BY

5





PAN 178-14

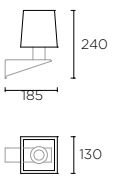


PAN 186-20



PAN 178-BY

10





PAN 179-14

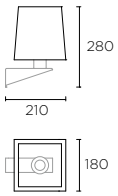


PAN 179-BY



PAN 187-20

10



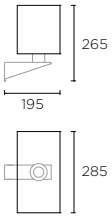


PAN 176-14



PAN 176-BY

6



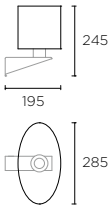


PAN 177-14



PAN 177-BY

6



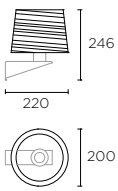


PAN 219-05



PAN 219-14

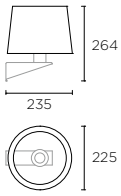
5





PAN 194-AJ

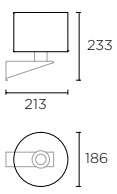
8





PAN 198-V7

8



81 - 21 **PAN** 05 **PAN** 14 **PAN** BY **PAN** 20 **PAN** J6 **PAN** AJ **PAN** V7

ST COT SHADE RF 850°C 12

GLOSS



05-2756-81-21 + PAN

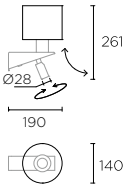
1 X E-27 MAX. 60W ESF. ø45
HALOGEN - FLUORESCENT - LED
LED **CREE** 1,1W
107 lm(N)

DRESS **UP!**


PAN 175-14


PAN 175-BY

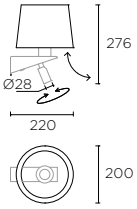
5




PAN 157-14 5


PAN 158-J6 8


PAN 157-BY 5

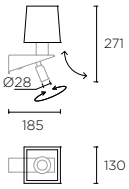



PAN 178-14


PAN 186-20


PAN 178-BY

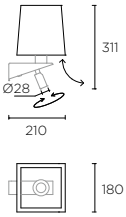
10




PAN 179-14 **PAN** 187-20


PAN 179-BY

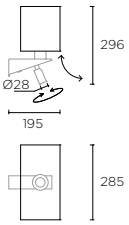
10




PAN 176-14


PAN 176-BY

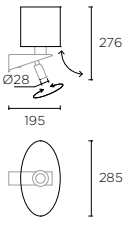
6




PAN 177-14


PAN 177-BY

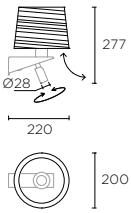
6




PAN 219-05

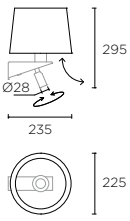

PAN 219-14

5



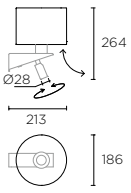

PAN 194-AJ

8




PAN 198-V7

8



81 - 21 **PAN** 05 **PAN** 14 **PAN** BY **PAN** 20 **PAN** J6 **PAN** AJ **PAN** V7

ST COT SHADE RF 850ºC 2X 12 R W WHITE



BRISTOL



81 PAN 05 PAN 14 PAN BY PAN 20 PAN J6 PAN V7

ST COT SHADE RF 850º C 12 W WHITE



05-2820-21-21 + PAN 176-14

05-2820-81-81 + PAN | 05-2820-21-21 + PAN

1 X E-27 MAX. 60W
HALOGEN - FLUORESCENT - LED
LED **CREE** 3W
182 lm(N)

DRESS **UP!**

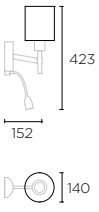


PAN 175-14



PAN 175-BY

5





PAN 157-14

5



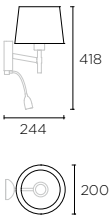
PAN 158-J6

8



PAN 157-BY

5





PAN 178-14

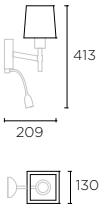


PAN 186-20



PAN 178-BY

10





PAN 179-14

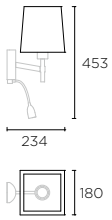


PAN 187-20



PAN 179-BY

10



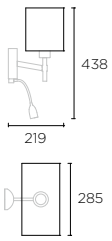


PAN 176-14



PAN 176-BY

6



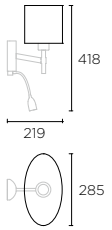


PAN 177-14



PAN 177-BY

6



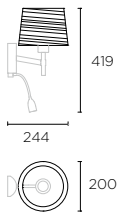


PAN 219-05



PAN 219-14

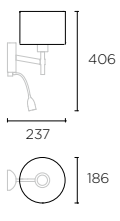
5





PAN 198-V7

8



BRISTOL



05-2815-81-81 + PAN 177-BY

05-2815-81-81 + PAN

1 X E-27 MAX. 60W ESF. ø45
HALOGEN - FLUORESCENT - LED

DRESS **UP!**

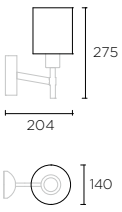


PAN 175-14



PAN 175-BY

5





PAN 157-14

5



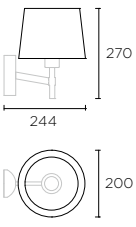
PAN 158-J6

8



PAN 157-BY

5





PAN 178-14

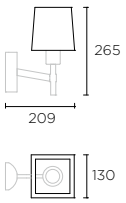


PAN 186-20



PAN 178-BY

10





PAN 179-14

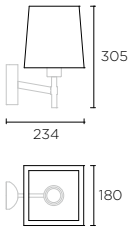


PAN 187-20



PAN 179-BY

10



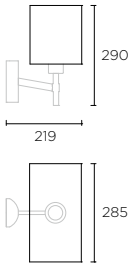


PAN 176-14



PAN 176-BY

6



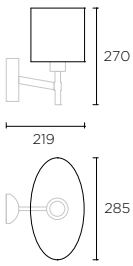


PAN 177-14



PAN 177-BY

6



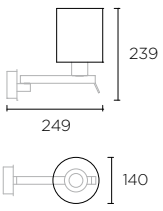


PAN 219-05



PAN 219-14

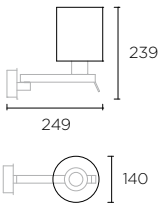
5





PAN 198-V7

8



81 **PAN** 05 **PAN** 14 **PAN** BY **PAN** 20 **PAN** J6 **PAN** V7

ST COT SHADE RF 850º C 12 ®

TORINO



05-4697-81-82 + PAN | 05-4697-Y2-82 + PAN

1 X E-27 MAX. 60W
HALOGEN - FLUORESCENT - LED

DRESS **UP!**

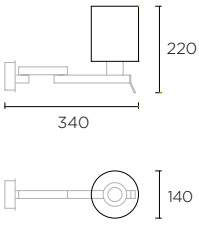


PAN 175-14



PAN 175-BY

5





PAN 157-14

5



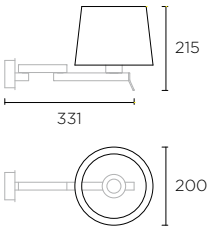
PAN 158-J6

8



PAN 157-BY

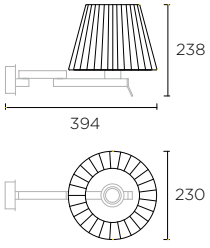
5





PAN 169-14

10





PAN 178-14

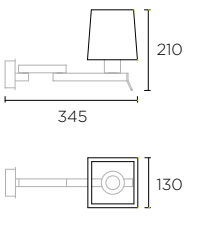


PAN 186-20



PAN 178-BY

10



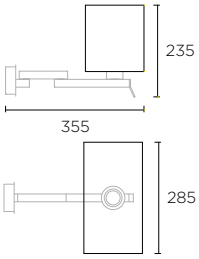


PAN 176-14



PAN 176-BY

6



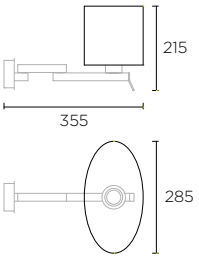


PAN 177-14



PAN 177-BY

6



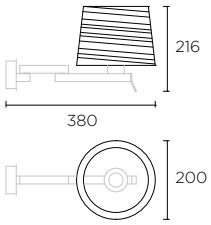


PAN 219-05



PAN 219-14

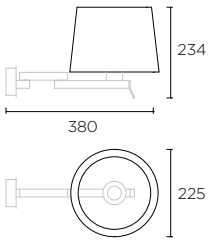
5





PAN 194-AJ

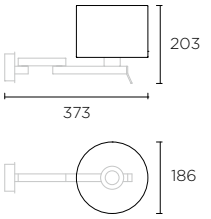
8





PAN 198-V7

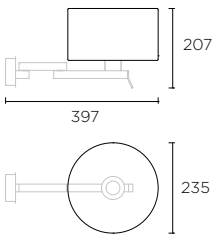
8





PAN 199-V7

10



81 Y2 **PAN** 05 **PAN** 14 **PAN** AJ **PAN** J6 **PAN** BY **PAN** 20 **PAN** V7

ST COT SHADE RF 850°C 8 ®

TORINO





05-4696-Y2-82 + PAN 157-14

05-4696-81-82 + PAN | 05-4696-Y2-82 + PAN

1 X E-27 MAX. 60W
HALOGEN - FLUORESCENT - LED

81 Y2 PAN 05 PAN 14 PAN J6 PAN BY PAN 20 PAN AJ PAN V7

DRESS **UP!**

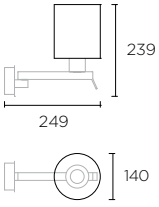


PAN 175-14



PAN 175-BY

5





PAN 157-14

5



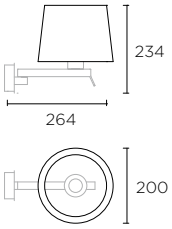
PAN 158-J6

8



PAN 157-BY

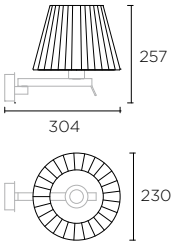
5





PAN 169-14

1





PAN 161-14

5



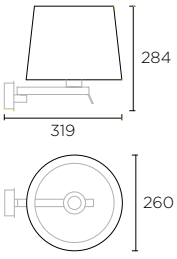
PAN 162-J6

8



PAN 161-BY

5





PAN 178-14

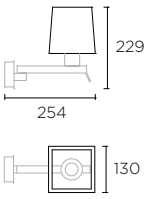


PAN 186-20



PAN 178-BY

10





PAN 179-14

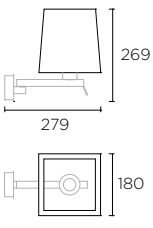


PAN 187-20



PAN 179-BY

10



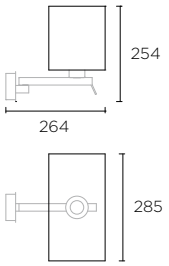


PAN 176-14



PAN 176-BY

6



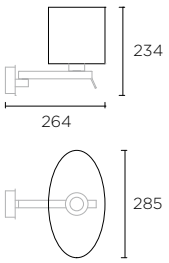


PAN 177-14



PAN 177-BY

6



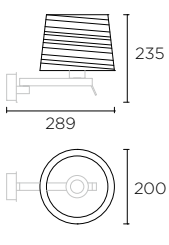


PAN 219-05



PAN 219-14

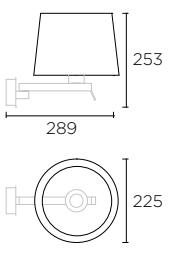
5





PAN 194-AJ

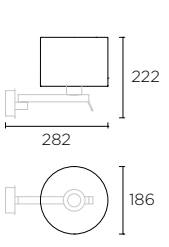
8





PAN 198-V7

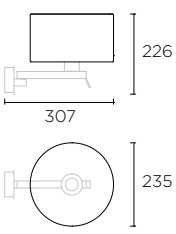
8





PAN 199-V7

10



TORINO





05-4695-81-82 + PAN 175-BY

05-4695-Y2-82 + PAN | 05-4695-81-82 + PAN

1 X E-27 MAX. 60W
HALOGEN - FLUORESCENT - LED
LED **CREE** 3W
182 lm(N)

81 Y2 **PAN** 05 **PAN** 14 **PAN** J6 **PAN** BY **PAN** 20 **PAN** AJ **PAN** V7

ST COT SHADE RF 850°C WHITE

DRESS **UP!**

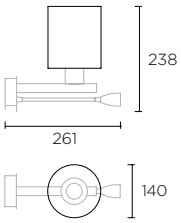


PAN 175-14



PAN 175-BY

5





PAN 157-14

5



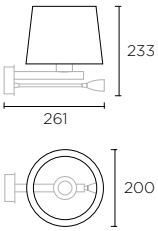
PAN 158-J6

8



PAN 157-BY

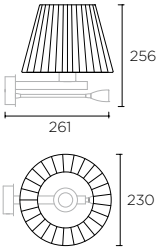
5





PAN 169-14

1





PAN 161-14

5



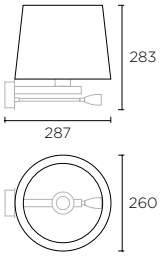
PAN 162-J6

8



PAN 161-BY

5





PAN 178-14

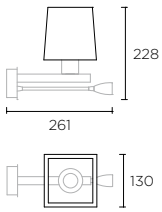


PAN 186-20



PAN 178-BY

10





PAN 179-14

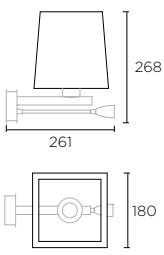


PAN 187-20



PAN 179-BY

10



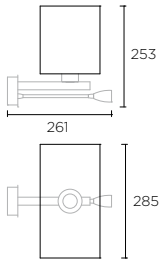


PAN 176-14



PAN 176-BY

6



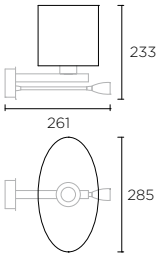


PAN 177-14



PAN 177-BY

6



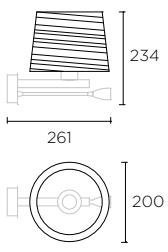


PAN 219-05



PAN 219-14

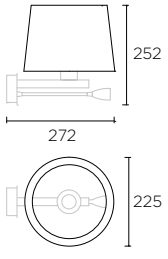
5





PAN 194-AJ

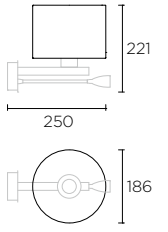
8





PAN 198-V7

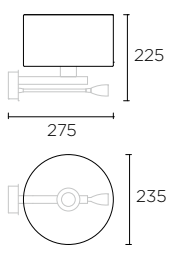
8





PAN 199-V7

10



TORINO



10-4696-81-82 + PAN 157-BY



10-4696-81-82 + PAN 157-14

10-4696-81-82 + PAN | 10-4696-Y2-82 + PAN

1 X E-27 MAX. 60W
HALOGEN - FLUORESCENT - LED

81 Y2 **PAN** 05 **PAN** 14 **PAN** J6 **PAN** BY **PAN** 20 **PAN** AJ **PAN** V7

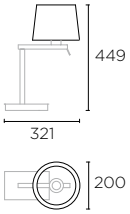
ST COT SHADE RF 850°C

DRESS **UP!**

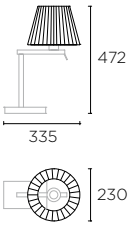

PAN 157-14 — 5


PAN 158-J6 — 8


PAN 157-BY — 5



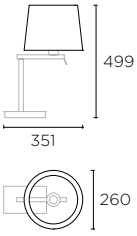

PAN 169-14 — 10




PAN 161-14 — 5


PAN 162-J6 — 8

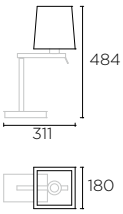

PAN 161-BY — 5




PAN 179-14


PAN 187-20

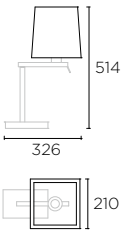

PAN 179-BY — 10




PAN 180-14

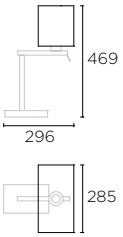

PAN 188-20


PAN 180-BY — 5



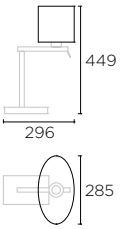

PAN 176-14


PAN 176-BY — 6



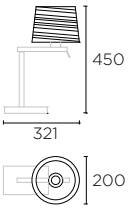

PAN 177-14


PAN 177-BY — 6

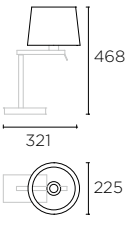



PAN 219-05

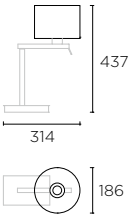

PAN 219-14 — 10



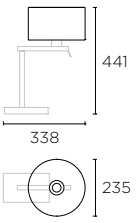

PAN 194-AJ — 8




PAN 198-V7 — 8




PAN 199-V7 — 10



TORINO



10-4695-Y2-82 + PAN 161-14

NEW



10-4695-21-82 + PAN 219-05

10-4695-81-82 + PAN | 10-4695-Y2-82 + PAN | 10-4695-21-82 + PAN

1 X E-27 MAX. 100W
HALOGEN - FLUORESCENT - LED

81 Y2 21 **PAN** 05 **PAN** 14 **PAN** AJ **PAN** BY **PAN** 20 **PAN** V7

ST COT SHADE RF 850º C

DRESS **UP!**



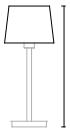
PAN 157-14 — 5



PAN 158-J6 — 8

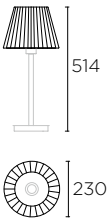


PAN 157-BY — 5





PAN 169-14 — 1





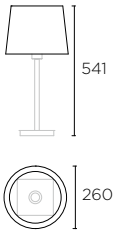
PAN 161-14 — 5



PAN 162-J6 — 8



PAN 161-BY — 5





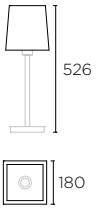
PAN 179-14



PAN 187-20



PAN 179-BY — 10





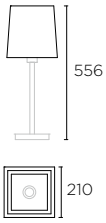
PAN 180-14



PAN 188-20



PAN 180-BY — 5

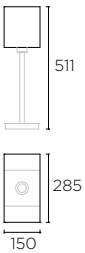




PAN 176-14



PAN 176-BY — 6

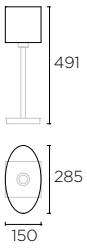




PAN 177-14



PAN 177-BY — 6

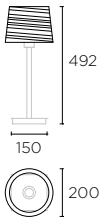




PAN 219-05

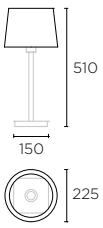


PAN 219-14 — 5



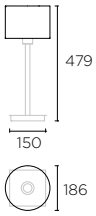


PAN 194-AJ — 8



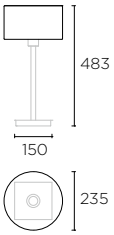


PAN 198-V7 — 8





PAN 199-V7 — 10



TORINO



25-4696-81-82 + PAN 185-J6

81 Y2 PAN 14 PAN J6 PAN BY



25-4696-81-82 + PAN 180-14

25-4696-81-82 + PAN | 25-4696-Y2-82 + PAN

1 X E-27 MAX. 100W
HALOGEN - FLUORESCENT - LED

DRESS **UP!**



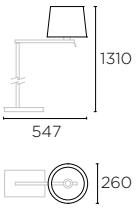
PAN 159-14 — 5



PAN 160-J6 — 4



PAN 159-BY — 5





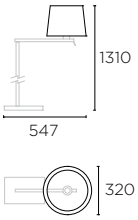
PAN 161-14 — 5



PAN 162-J6 — 8



PAN 161-BY — 5





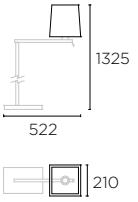
PAN 180-14



PAN 188-20



PAN 180-BY — 5





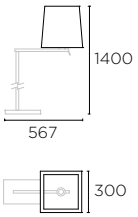
PAN 181-14



PAN 189-20



PAN 181-BY — 5

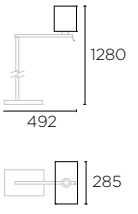




PAN 176-14

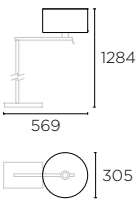


PAN 176-BY — 6





PAN 220-V7 — 4

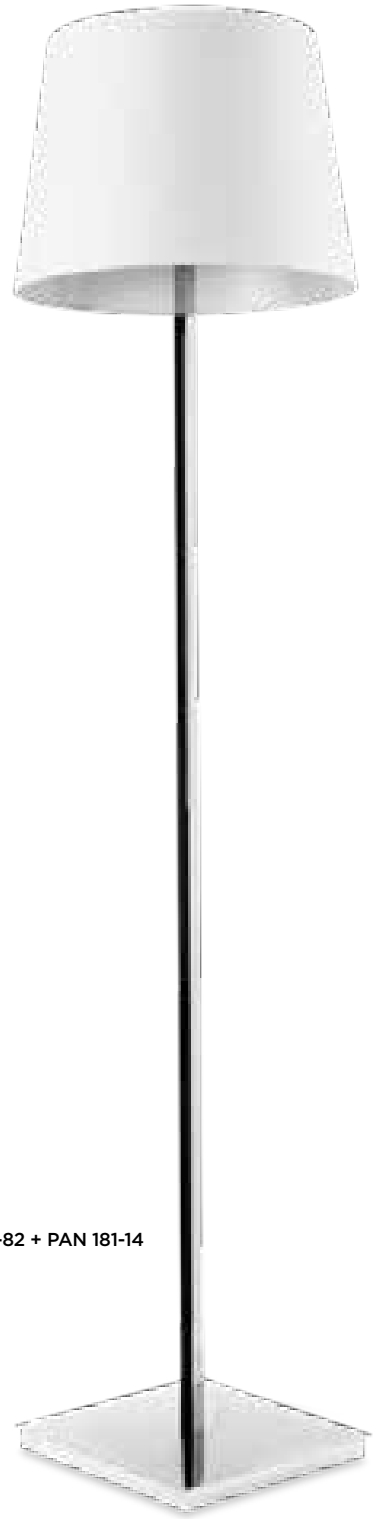


TORINO



81 21 Y2 PAN 14 PAN J6 PAN BY PAN T001

ST COT SHADE RF 850°C



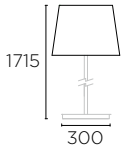
25-4695-21-82 + PAN 181-14

DRESS **UP!**


PAN 159-14 5


PAN 160-J6 4


PAN 159-BY 5

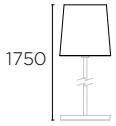





PAN 181-14

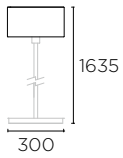

PAN 189-20


PAN 181-BY 5






PAN 220-V7 4

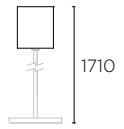


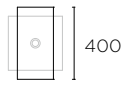



PAN 183-14


PAN 183-T001


PAN 183-BY 4

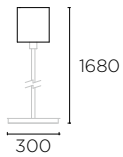


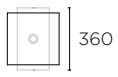



PAN 182-14


PAN 182-T001


PAN 182-BY 4





25-4695-81-82 + PAN | 25-4695-Y2-82 + PAN | 25-4695-21-82 + PAN

1 X E-27 MAX. 100W
HALOGEN - FLUORESCENT - LED

OXFORD



05-2840-21-82 + PAN 169-14

05-2840-21-82 + PAN

1 X E-27 MAX. 60W
HALOGEN - FLUORESCENT - LED
LED **CREE** 3W
182 lm(N)

DRESS **UP!**



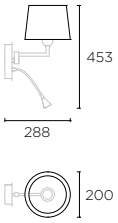
PAN 157-14 — 5



PAN 158-J6 — 8

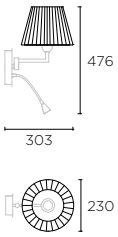


PAN 157-BY — 5





PAN 169-14 — 1





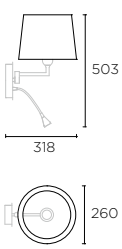
PAN 161-14 — 5



PAN 162-J6 — 8



PAN 161-BY — 5





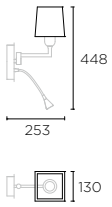
PAN 178-14



PAN 186-20



PAN 178-BY — 10





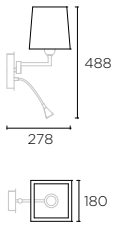
PAN 179-14



PAN 187-20



PAN 179-BY — 10

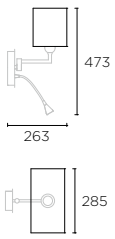




PAN 176-14



PAN 176-BY — 6

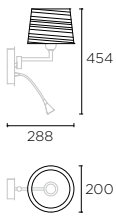




PAN 219-14

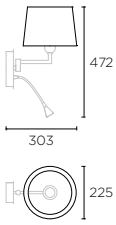


PAN 219-05 — 5



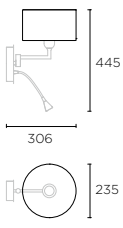


PAN 194-AJ — 8





PAN 199-V7 — 10



21 | **PAN** 14 | **PAN** 05 | **PAN** BY | **PAN** J6 | **PAN** 20 | **PAN** AJ | **PAN** V7

ST | COT SHADE | RF 850°C | 4 | W WHITE

DOVER



172-NS + PAN 178-BY

172-NS + PAN

1 X E-27 MAX. 60W
HALOGEN - FLUORESCENT - LED

DRESS **UP!**

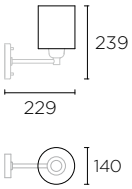


PAN 175-14



PAN 175-BY

5





PAN 157-14

5



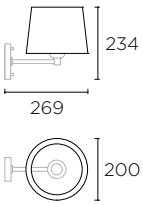
PAN 158-J6

8



PAN 157-BY

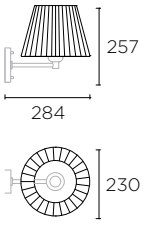
5





PAN 169-14

1





PAN 178-14

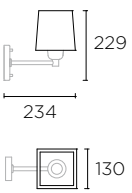


PAN 186-20



PAN 178-BY

10



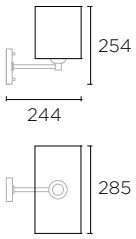


PAN 176-14



PAN 176-BY

6



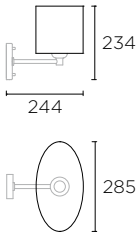


PAN 177-14



PAN 177-BY

6



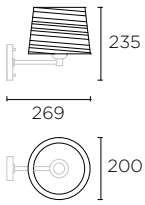


PAN 219-14



PAN 219-05

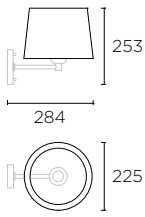
5





PAN 194-AJ

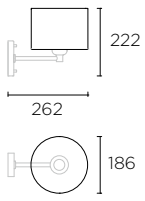
8





PAN 198-V7

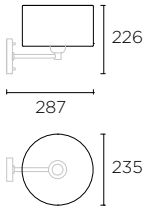
8





PAN 199-V7

10



NS PAN 14 PAN 05 PAN BY PAN J6 PAN 20 PAN AJ PAN V7

ST COT SHADE RF 850°C 6

DOVER





171-NS + PAN 179-14

171-NS + PAN

1 X E-27 MAX. 60W
HALOGEN - FLUORESCENT - LED

NS | PAN 14 | PAN 05 | PAN BY | PAN J6 | PAN 20 | PAN AJ | PAN V7

ST | COT SHADE | RF 850°C | 6

DRESS **UP!**

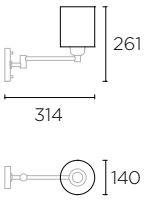


PAN 175-14



PAN 175-BY

5





PAN 157-14

5



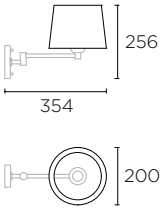
PAN 158-J6

8



PAN 157-BY

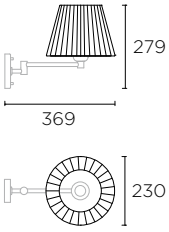
5





PAN 169-14

1





PAN 178-14

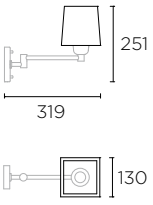


PAN 186-20



PAN 178-BY

10





PAN 179-14

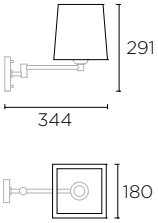


PAN 187-20



PAN 179-BY

10



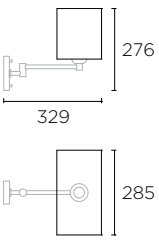


PAN 176-14



PAN 176-BY

6



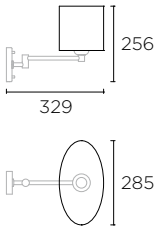


PAN 177-14



PAN 177-BY

6



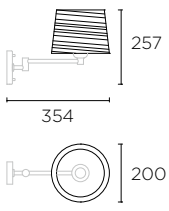


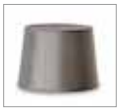
PAN 219-14



PAN 219-05

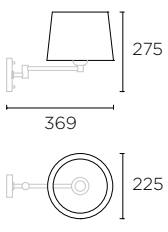
5





PAN 194-AJ

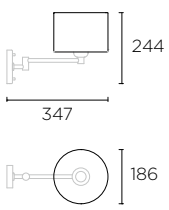
8





PAN 198-V7

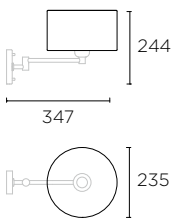
8





PAN 199-V7

10



DOVER





170-NS + PAN 179-14

170-NS + PAN

1 X E-27 MAX. 60W
HALOGEN - FLUORESCENT - LED

NS PAN 14 PAN 05 PAN BY PAN J6 PAN 20 PAN AJ PAN V7

ST COT SHADE RF 850°C 6

DRESS **UP!**

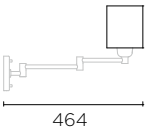


PAN 175-14



PAN 175-BY

5







PAN 157-14

5



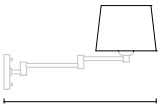
PAN 158-J6

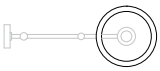
8



PAN 157-BY

5

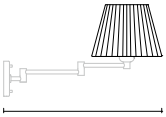


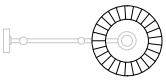




PAN 169-14

1







PAN 178-14

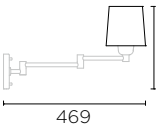


PAN 186-20



PAN 178-BY

10







PAN 179-14

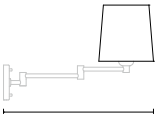


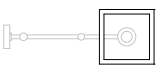
PAN 187-20



PAN 179-BY

10





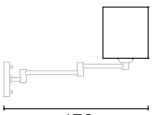


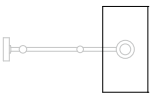
PAN 176-14



PAN 176-BY

6





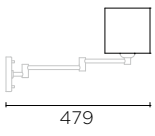


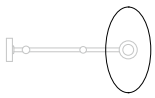
PAN 177-14



PAN 177-BY

6





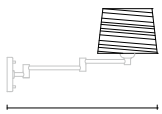


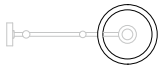
PAN 219-14



PAN 219-05

5

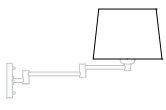


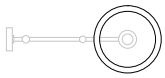




PAN 194-AJ

8

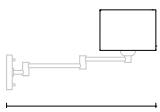


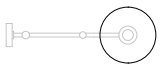




PAN 198-V7

8





PAN 199-V7

10

DOVER





174-NS + PAN 157-14

174-NS + PAN

1 X E-27 MAX. 100W
HALOGEN - FLUORESCENT - LED

NS PAN 14 PAN 05 PAN BY PAN J6 PAN 20 PAN AJ PAN V7

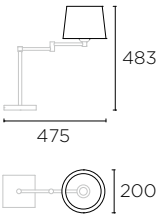
ST COT SHADE RF 850º C 4

DRESS **UP!**

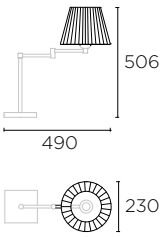

PAN 157-14 — 5


PAN 158-J6 — 8


PAN 157-BY — 5



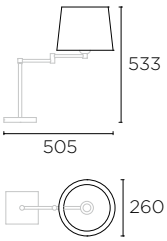

PAN 169-14 — 1




PAN 161-14 — 5


PAN 162-J6 — 8

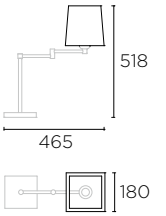

PAN 161-BY — 5




PAN 179-14


PAN 187-20

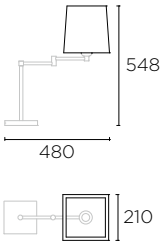

PAN 179-BY — 10




PAN 180-14

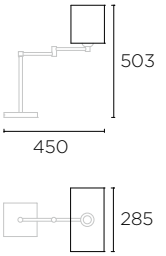

PAN 188-20


PAN 180-BY — 5



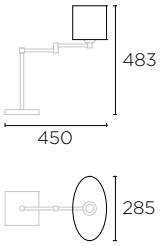

PAN 176-14


PAN 176-BY — 6



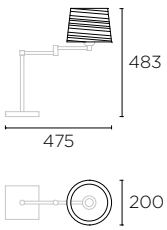

PAN 177-14


PAN 177-BY — 6

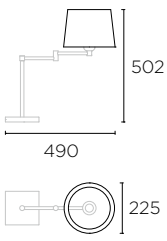



PAN 219-14

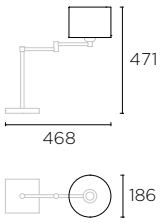

PAN 219-05 — 5



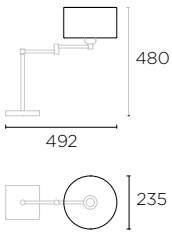

PAN 194-AJ — 8




PAN 198-V7 — 8




PAN 199-V7 — 10



DOVER



176-NS + PAN 184-14

DRESS **UP!**



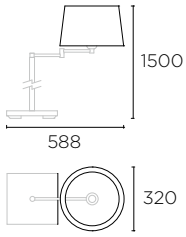
PAN 184-14 — 5



PAN 185-J6 — 4

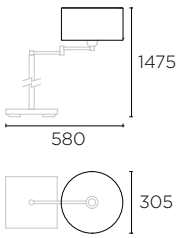


PAN 184-BY — 5





PAN 220-V7 — 4





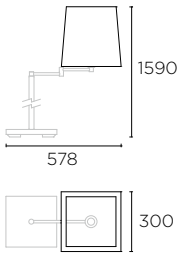
PAN 181-14



PAN 189-20



PAN 181-BY — 5

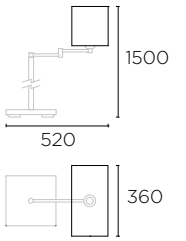




PAN 182-14



PAN 182-BY — 4





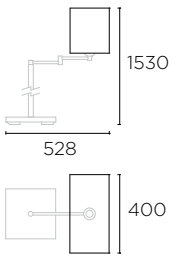
PAN 183-14



PAN 183-T001



PAN 183-BY — 4



176-NS + PAN

1 X E-27 MAX. 100W
HALOGEN - FLUORESCENT - LED

NS | **PAN** 14 | **PAN** BY | **PAN** J6 | **PAN** 20 | **PAN** V7 | **PAN** T001

ST | COT SHADE | RF 850º C | 4

DEVON



05-2825-21-82 + PAN 176-14

05-2825-21-82 + PAN

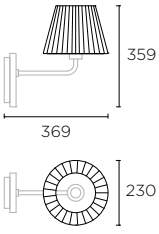
1 X E-27 MAX. 60W
HALOGEN - FLUORESCENT - LED

DRESS **UP!**



PAN 169-14

1





PAN 161-14

5



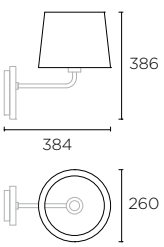
PAN 162-J6

8



PAN 161-BY

5



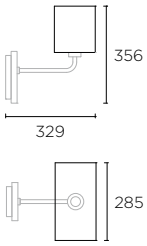


PAN 176-14



PAN 176-BY

6





PAN 179-14

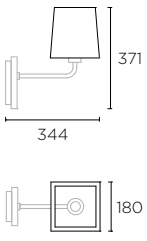


PAN 187-20



PAN 179-BY

10





PAN 180-14

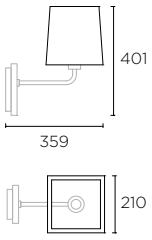


PAN 188-BY



PAN 180-BY

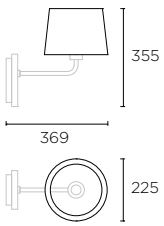
5





PAN 194-AJ

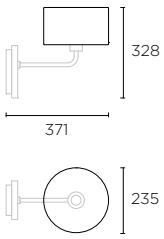
8





PAN 199-V7

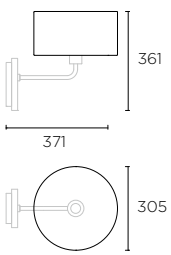
10





PAN 220-V7

4



21 **PAN** 14 **PAN** BY **PAN** J6 **PAN** 20 **PAN** AJ **PAN** V7

ST WOOD COT SHADE RF 850ºC 2

DEVON



10-2825-21-82 + PAN 182-14

10-2825-21-82 + PAN

1 X E-27 MAX. 60W
HALOGEN - FLUORESCENT - LED

DRESS **UP!**



21 PAN 14 PAN BY PAN J6 PAN 20 PAN V7 PAN T001

ST WOOD COT SHADE RF 850°C 4

DEVON



25-2825-21-14 + PAN 183-14



25-2825-21-82 + PAN 183-T001

DRESS **UP!**



PAN 181-14

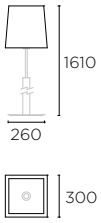


PAN 189-20



PAN 181-BY

5





PAN 182-14

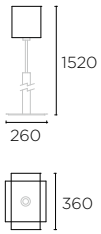


PAN 182-T001



PAN 182-BY

4





PAN 183-14

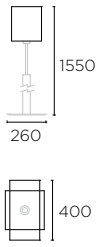


PAN 183-T001



PAN 183-BY

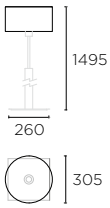
4





PAN 220-V7

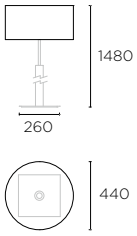
4





PAN 221-V7

1



25-2825-21-82 + PAN

1 X E-27 MAX. 100W
HALOGEN - FLUORESCENT - LED

21 **PAN** 14 **PAN** BY **PAN** 20 **PAN** V7 **PAN** T001

ST WOOD COT SHADE RF 850º C

MICHIGAN

NEW



100-240V 50-60Hz

LED

05-2758-14-82 + PAN

1 X E-27 MAX. 60W
HALOGEN - FLUORESCENT - LED
1 LED X 1W
107 lm(N)



05-2757-14-82 + PAN

1 X E-27 MAX. 60W
HALOGEN - FLUORESCENT - LED

14 PAN 14 PAN 05 PAN BY PAN 20 PAN J6 PAN AJ PAN V7

ST COT SHADE RF 850º C W WHITE

DRESS **UP!**

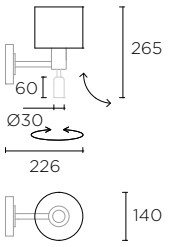


PAN 175-14



PAN 175-BY

5





PAN 157-14

5



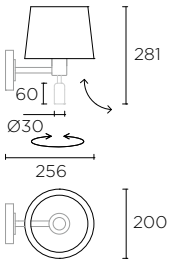
PAN 158-J6

8



PAN 157-BY

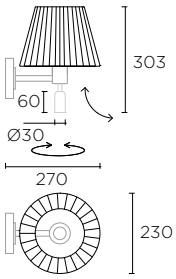
5





PAN 169-14

10





PAN 178-14

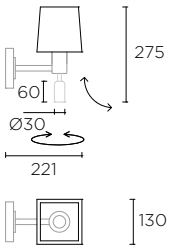


PAN 186-20



PAN 178-BY

10





PAN 179-14

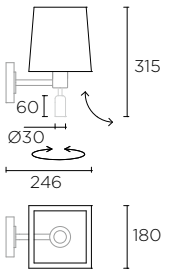


PAN 187-20



PAN 179-BY

10



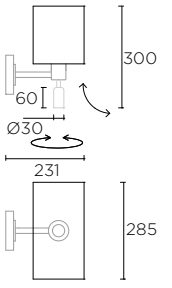


PAN 176-14



PAN 176-BY

6



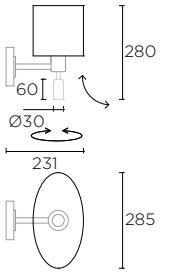


PAN 177-14



PAN 177-BY

6



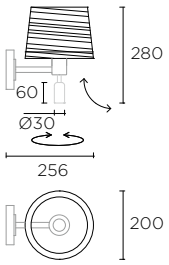


PAN 219-05



PAN 219-14

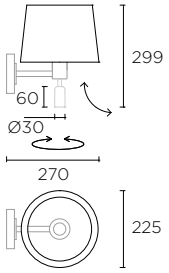
5





PAN 194-AJ

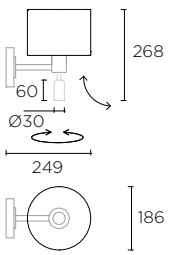
8





PAN 198-V7

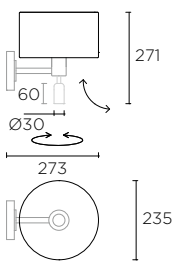
8





PAN 199-V7

10



MICHIGAN

NEW





10-2757-14-82 + PAN

1 X E-27 MAX. 60W
HALOGEN - FLUORESCENT - LED

14 **PAN** 14 **PAN** 05 **PAN** BY **PAN** 20 **PAN** J6 **PAN** AJ **PAN** V7

ST COT SHADE RF 850° C

DRESS **UP!**



PAN 157-14 — 5



PAN 158-J6 — 8



PAN 157-BY — 5





PAN 169-14 — 1





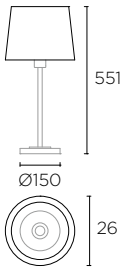
PAN 161-14 — 5



PAN 162-J6 — 8



PAN 161-BY — 5





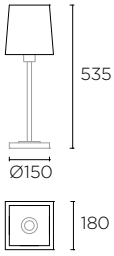
PAN 179-14



PAN 187-20



PAN 179-BY — 10





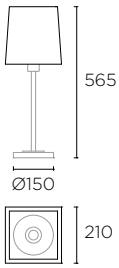
PAN 180-14



PAN 188-20



PAN 180-BY — 5





PAN 176-14



PAN 176-BY — 6

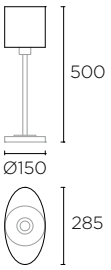




PAN 177-14



PAN 177-BY — 6

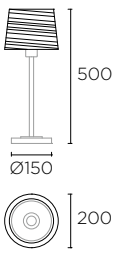




PAN 219-05

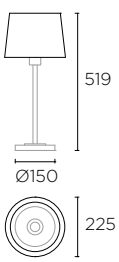


PAN 219-14 — 5



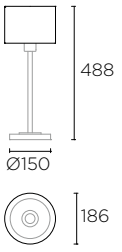


PAN 194-AJ — 8



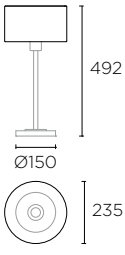


PAN 198-V7 — 8





PAN 199-V7 — 10



MICHIGAN

NEW



25-2557-81-82 + PAN 159-14

DRESS **UP!**



PAN 159-14 — 5



PAN 160-J6 — 8



PAN 159-BY — 5



1644

Ø300



420



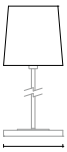
PAN 181-14



PAN 189-20



PAN 181-BY — 5



1679

Ø300



300



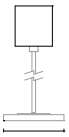
PAN 182-14



PAN 182-T001



PAN 182-BY — 4



1590

Ø300



360



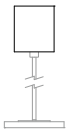
PAN 183-14



PAN 183-T001



PAN 183-BY — 4



1620

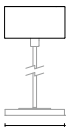
Ø300



400



PAN 220-V7 — 4



1565

Ø300



305



25-2757-14-82 + PAN

1 X E-27 MAX. 100W
HALOGEN - FLUORESCENT - LED





LYON



05-1567-81-82 + PAN 175-14



DRESS **UP!**



05-1567-81-82 + PAN

1 X E-27 MAX. 60W
HALOGEN - FLUORESCENT - LED

81 **PAN** 14 **PAN** BY **PAN** 20

ST COT SHADE RF 850°C 4



LYON



10-1567-81-82 + PAN 161-BY



10-1567-81-82 + PAN 162-J6

10-1567-81-82 + PAN

1 X E-27 MAX. 60W
HALOGEN - FLUORESCENT - LED

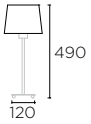
81 PAN 14 PAN 05 PAN BY PAN J6 PAN 20 PAN AJ PAN V7 PAN T001 ST COT SHADE RF 850º C 4

DRESS **UP!**


PAN 157-14 — 5


PAN 158-J6 — 8

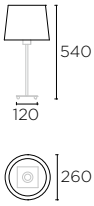

PAN 157-BY — 5



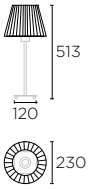

PAN 161-14 — 5


PAN 162-J6 — 8


PAN 161-BY — 5

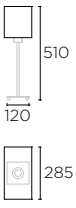



PAN 169-14 — 1



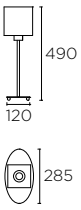

PAN 176-14


PAN 176-BY — 6




PAN 177-14

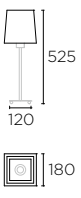

PAN 177-BY — 6




PAN 179-14


PAN 187-20

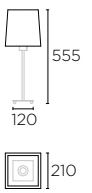

PAN 179-BY — 10




PAN 180-14


PAN 188-20

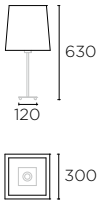

PAN 180-BY — 5




PAN 181-14


PAN 189-20

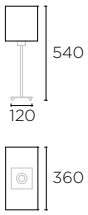

PAN 181-BY — 5




PAN 182-14

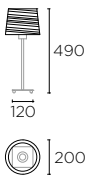

PAN 182-T001


PAN 182-BY — 4

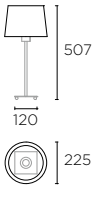



PAN 219-05

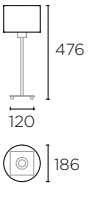

PAN 219-14 — 5




PAN 194-AJ — 8




PAN 198-V7 — 8




PAN 199-V7 — 10

LYON



25-1567-81-82 + PAN

1 X E-27 MAX. 100W
HALOGEN - FLUORESCENT - LED

81 PAN 14 PAN BY PAN J6 PAN 20 PAN V7 PAN T001 ST COT SHADE RF 850º C 4



25-1567-81-82 + PAN 159-BY

DRESS **UP!**



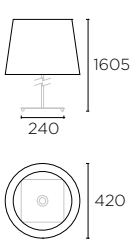
PAN 159-14 — 5



PAN 160-J6 — 4



PAN 159-BY — 5





PAN 181-14

PAN 189-20

PAN 181-BY — 5

PAN 182-14

PAN 182-T001

PAN 182-BY — 4

PAN 183-14

PAN 183-T001

PAN 183-BY — 4

PAN 184-14 — 5

PAN 185-J6 — 4

PAN 184-BY — 5

PAN 220-V7 — 4

PAN 221-V7 — 1

FEI



05-1136-16-82 + PAN 166-20



05-1136-16-82 + PAN 157-BY

05-1136-16-82 + PAN

1 X E-27 MAX. 60W
HALOGEN - FLUORESCENT - LED

16 **PAN** 14 **PAN** 05 **PAN** BY **PAN** J6 **PAN** 20 **PAN** AJ **PAN** V7

DRESS **UP!**



PAN 157-14

5



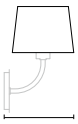
PAN 158-J6

8



PAN 157-BY

5



345

226

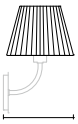


200



PAN 169-14

1



368

241



230

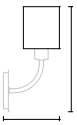


PAN 175-14



PAN 175-BY

5



350

186



140



PAN 179-14

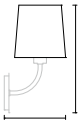


PAN 187-20



PAN 179-BY

10



380

216



180



PAN 180-14

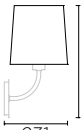


PAN 188-20



PAN 180-BY

5



410

231



210

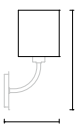


PAN 176-14



PAN 176-BY

6



365

201



285

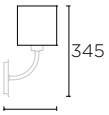


PAN 177-14



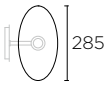
PAN 177-BY

6



345

201



285



PAN 178-14

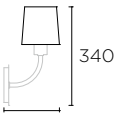


PAN 186-20



PAN 178-BY

10



340

191

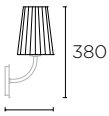


140



PAN 166-20

9



380

201



150



PAN 219-05



PAN 219-14

5

346

226

200

PAN 194-AJ

8

364

241

225

PAN 198-V7

8

333

220

186

FEI





10-4368-16-82 + PAN 161-BY

10-4368-16-82 + PAN

1 X E-27 MAX. 75W
HALOGEN - FLUORESCENT - LED

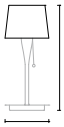
16 | PAN 14 | PAN 05 | PAN J6 | PAN BY | PAN AJ | PAN 20 | PAN V7 | PAN T001 | ST | COT SHADE | RF 850°C | 6 | ®

DRESS **UP!**

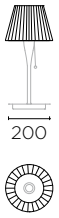

PAN 157-14 — 5


PAN 158-J6 — 8


PAN 157-BY — 5



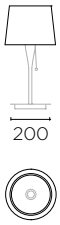

PAN 169-14 — 10




PAN 161-14 — 5


PAN 162-J6 — 8

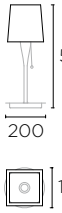

PAN 161-BY — 5




PAN 179-14


PAN 187-20

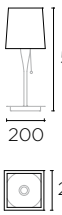

PAN 179-BY — 10




PAN 180-14

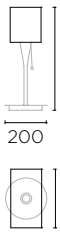

PAN 188-20


PAN 180-BY — 5



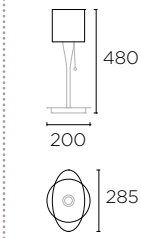

PAN 176-14


PAN 176-BY — 6




PAN 177-14

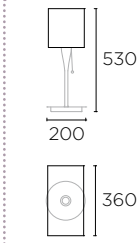

PAN 177-BY — 6



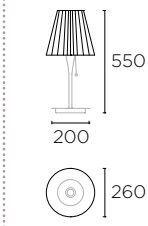

PAN 182-14


PAN 182-T001


PAN 182-BY — 10

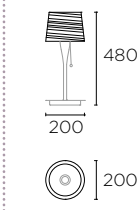



PAN 153-20 — 5

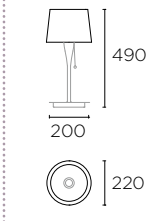



PAN 219-05

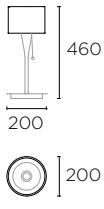

PAN 219-14 — 10



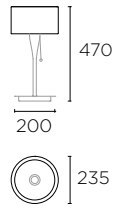

PAN 194-AJ — 10




PAN 198-V7 — 10




PAN 199-V7 — 10



FEI



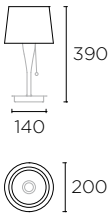
10-4367-16-82 + PAN
1 X E-27 MAX. 60W
HALOGEN - FLUORESCENT - LED

DRESS **UP!**

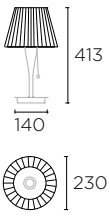

PAN 157-14 — 5


PAN 158-J6 — 8


PAN 157-BY — 5



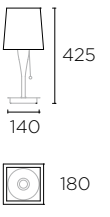

PAN 169-14 — 1




PAN 179-14

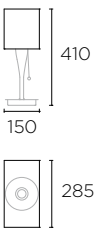

PAN 187-20


PAN 179-BY — 10



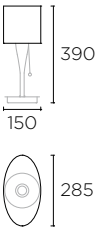

PAN 176-14


PAN 176-BY — 6

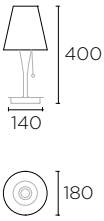



PAN 177-14


PAN 177-BY — 6

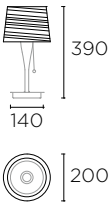



PAN 151-20 — 8

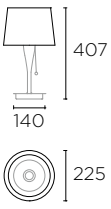



PAN 219-05

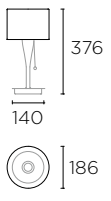

PAN 219-14 — 5



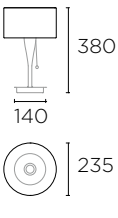

PAN 194-AJ — 8




PAN 198-V7 — 10




PAN 199-V7 — 10



16 **PAN** 14 **PAN** 20 **PAN** BY **PAN** J6 **PAN** AJ **PAN** V7

FEI



25-4367-16-82 + PAN 159-BY

25-4367-16-82 + PAN

1 X E-27 MAX. 150W
HALOGEN - FLUORESCENT - LED

DRESS **UP!**



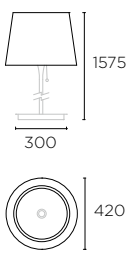
PAN 159-14 — 5

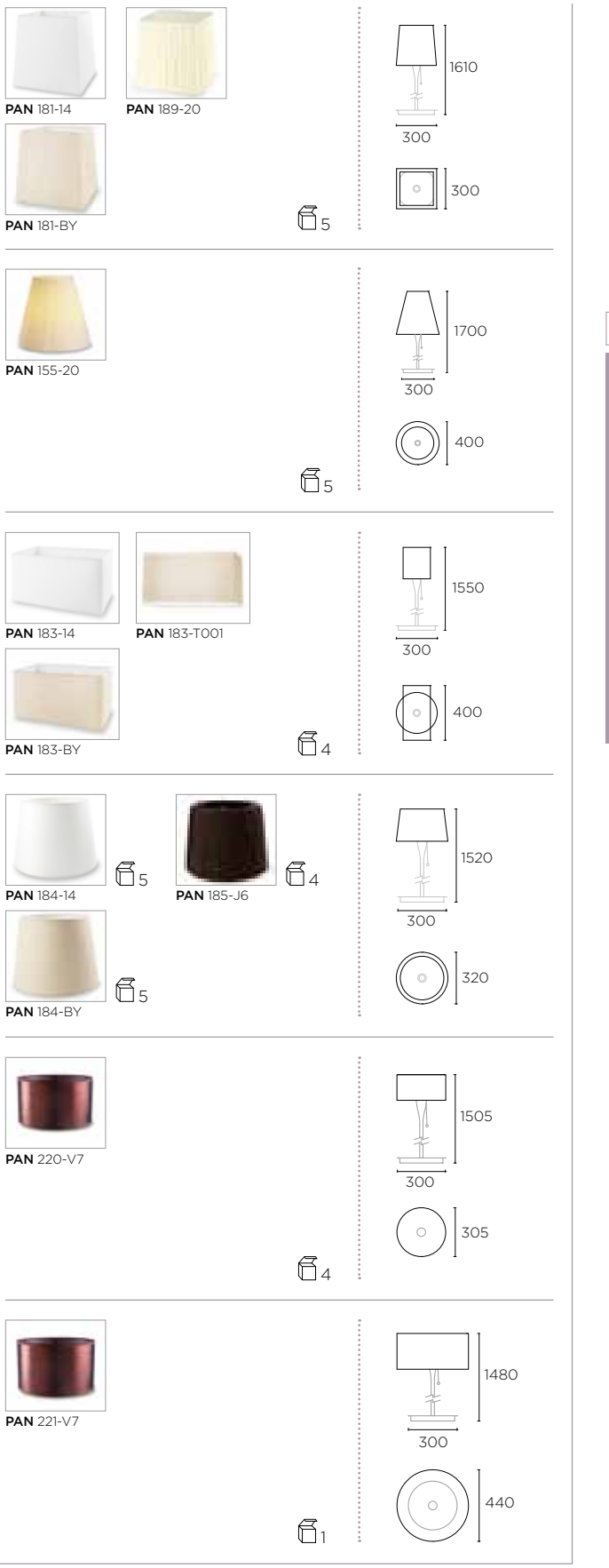


PAN 160-J6 — 4



PAN 159-BY — 5





16 | PAN 14 | PAN BY | PAN J6 | PAN 20 | PAN V7 | PAN T001 | ST | COT SHADE | RF 850°C | 2 | ®

MILAN



10-1568-81-82 + PAN 157-14

10-1568-81-82 + PAN

1 X E-27 MAX. 60W
HALOGEN - FLUORESCENT - LED

DRESS **UP!**



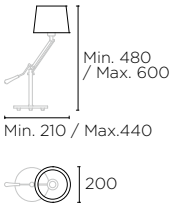
PAN 157-14 — 5



PAN 158-J6 — 8



PAN 157-BY — 5





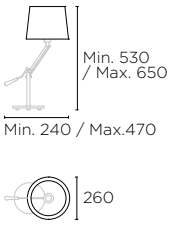
PAN 161-14 — 5



PAN 162-J6 — 8

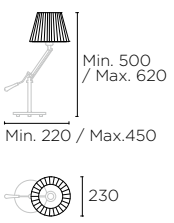


PAN 161-BY — 5





PAN 169-14 — 1





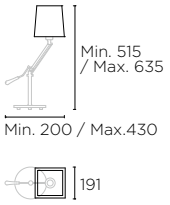
PAN 179-14



PAN 187-20



PAN 179-BY — 10





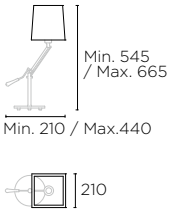
PAN 180-14



PAN 188-20



PAN 180-BY — 5

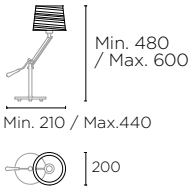




PAN 219-05

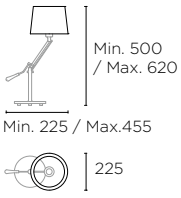


PAN 219-14 — 5



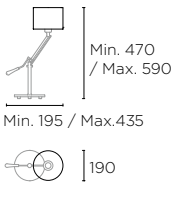


PAN 194-AJ — 8



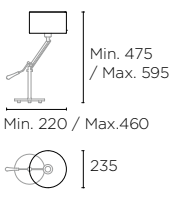


PAN 198-V7 — 10





PAN 199-V7 — 10



81 | **PAN** 14 | **PAN** 05 | **PAN** BY | **PAN** J6 | **PAN** 20 | **PAN** AJ | **PAN** V7 | **PAN** T001

ST | COT SHADE | RF 850º C | 1

MILAN



25-1568-81-82 + PAN 161-14

25-1568-81-82 + PAN

1 X E-27 MAX. 100W
HALOGEN - FLUORESCENT - LED

DRESS **UP!**



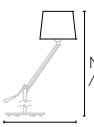
PAN 161-14 — 5



PAN 162-J6 — 8



PAN 161-BY — 5



Min. 520 / Max. 660



DENVER





05-1566-81-82 + PAN 175-14

05-1566-81-82 + PAN

1 X E-27 MAX. 60W
HALOGEN - FLUORESCENT - LED

DRESS **UP!**

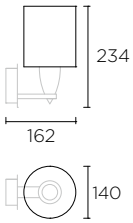


PAN 175-14



PAN 175-BY

5





PAN 178-14

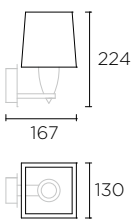


PAN 186-20



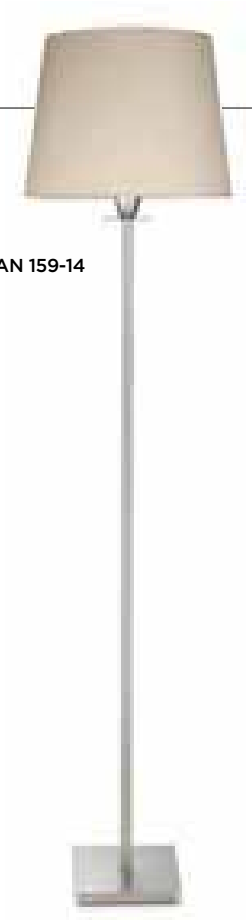
PAN 178-BY

10



81 **PAN** 14 **PAN** BY **PAN** 20

ST COT SHADE RF 850º C 12



25-1566-81-82 + PAN 159-14

25-1566-81-82 + PAN

1 X E-27 MAX. 100W
HALOGEN - FLUORESCENT - LED

DRESS **UP!**


PAN 159-14 — 5


PAN 160-J6 — 4

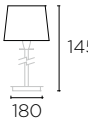

PAN 159-BY — 5




PAN 161-14 — 5


PAN 162-J6 — 8

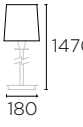

PAN 161-BY — 5




PAN 180-14


PAN 188-20

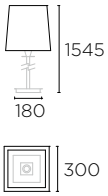

PAN 180-BY — 5




PAN 181-14


PAN 189-20

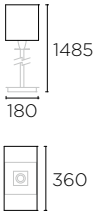

PAN 181-BY — 5




PAN 182-14


PAN 182-T001

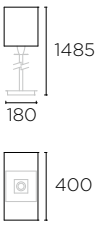

PAN 182-BY — 4




PAN 183-14


PAN 183-T001

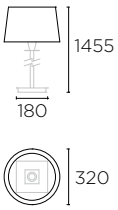

PAN 183-BY — 4



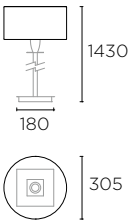

PAN 184-14 — 5


PAN 185-J6 — 4

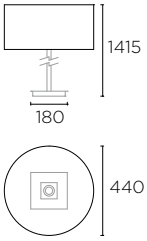

PAN 184-BY — 5




PAN 220-V7 — 4




PAN 221-V7 — 1



81 | PAN 14 | PAN BY | PAN J6 | PAN 20 | PAN V7 | PAN T001 | ST | COT SHADE | RF 850º C

DENVER





10-1566-81-82 + PAN 161-14

10-1566-81-82 + PAN

1 X E-27 MAX. 60W
HALOGEN - FLUORESCENT - LED

81 **PAN** 05 **PAN** 14 **PAN** AJ **PAN** BY **PAN** J6 **PAN** 20

ST COT SHADE RF 850º C 6

DRESS **UP!**



PAN 157-14

5



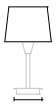
PAN 158-J6

8



PAN 157-BY

5



376

120



200



PAN 169-14

1



399

120



23



PAN 161-14

5



PAN 162-J6

8



PAN 161-BY

5



426

120



260

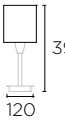


PAN 176-14



PAN 176-BY

6



396

120



285



PAN 178-14

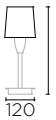


PAN 186-20



PAN 178-BY

10



371

120



130

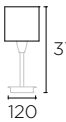


PAN 177-14



PAN 177-BY

6



376

120



285



PAN 179-14



PAN 187-20



PAN 179-BY

10



411

120



180



PAN 180-14

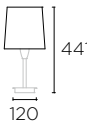


PAN 188-20



PAN 180-BY

5



441

120



210



PAN 219-05



PAN 219-14

5



375

120



200

PAN 194-AJ

8

393

120

225

PAN 198-V7

8

362

120

186

PAN 199-V7

10

366

120

235

SPICA



05-2510-Z6-82 + PAN 198-V7

6

05-2510-Z6-82 + PAN

1 X E-27 MAX 60W
HALOGEN - FLUORESCENT - LED
RECOMMENDED MINI CANDLE 9W

DRESS UP!



PAN 157-14 — 5



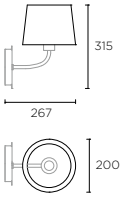
PAN 158-J6 — 8



PAN 157-BY — 5

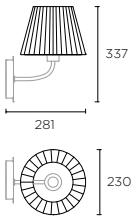


PAN 219-14





PAN 169-14 — 10

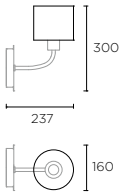




PAN 175-14



PAN 175-BY — 5

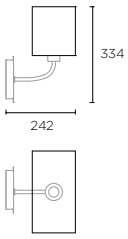




PAN 176-14



PAN 176-BY — 6

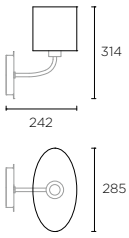




PAN 177-14



PAN 177-BY — 6





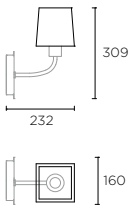
PAN 178-14



PAN 186-20

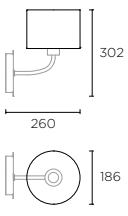


PAN 178-BY — 10





PAN 198-V7 — 10



Z6 **PAN** V7 **PAN** 14 **PAN** BY **PAN** 20 **PAN** J6

ST RF 850°C ®

SPICA



4

10-4369-Z6-82 + PAN

1 X E-27 MAX. 100W
HALOGEN - FLUORESCENT - LED

DRESS UP!



PAN 161-14 — 5



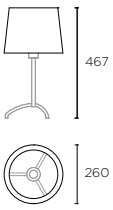
PAN 162-J6 — 8



PAN 161-BY — 5

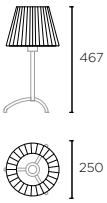


PAN 219-14





PAN 169-14 — 10

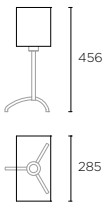




PAN 176-14



PAN 176-BY — 6

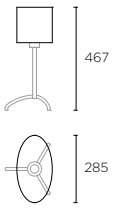




PAN 177-14



PAN 177-BY — 6





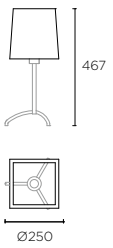
PAN 180-14



PAN 188-20



PAN 180-BY — 5





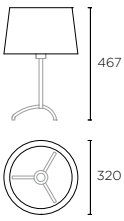
PAN 184-14



PAN 185-J6

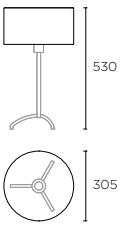


PAN 184-BY — 5



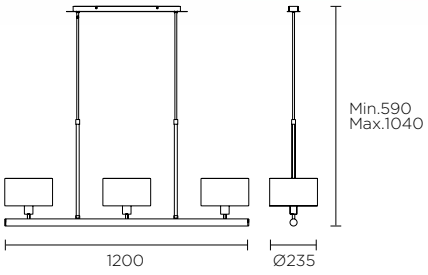


PAN 220-V7 — 10



SPICA





20-2510-Z6-82 + PAN
3 X E-27 MAX. 60W
HALOGEN - FLUORESCENT - LED
RECOMMENDED MINI CANDLE 9W

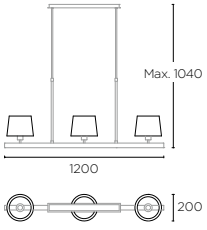
DRESS UP!


PAN 157-14 — 5


PAN 158-J6 — 8


PAN 157-BY — 5

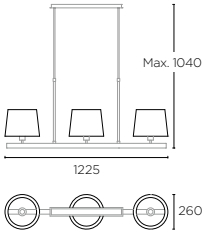

PAN 219-14



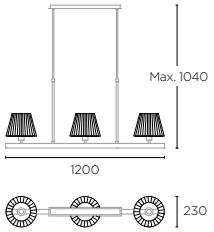

PAN 161-14 — 5


PAN 162-J6 — 8


PAN 161-BY — 5

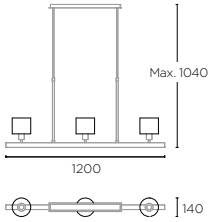



PAN 169-14 — 10




PAN 175-14

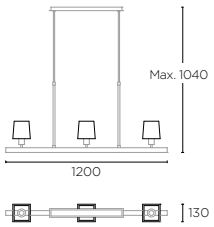

PAN 175-BY — 5




PAN 178-14


PAN 186-20

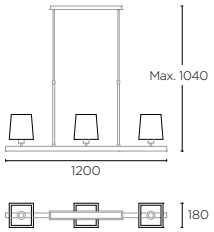

PAN 178-BY — 10




PAN 179-14


PAN 187-20

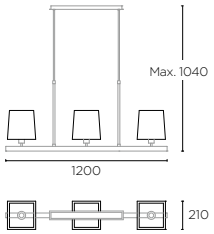

PAN 179-BY — 10



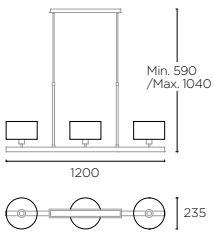

PAN 180-14


PAN 188-20


PAN 180-BY — 5




PAN 199-V7 — 10

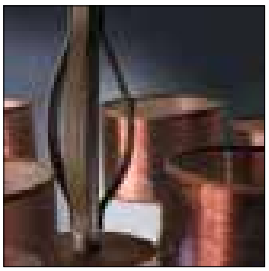


Z6 **PAN** V7 **PAN** 14 **PAN** BY **PAN** 20 **PAN** J6



SPICA





DRESS UP!



PAN 157-14

5



PAN 158-J6

8

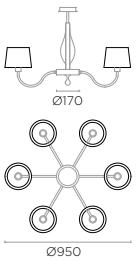


PAN 157-BY

5



PAN 219-14





PAN 169-14

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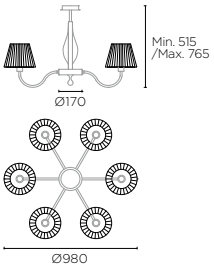


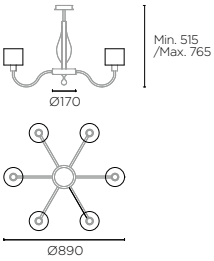


PAN 175-14



PAN 175-BY

5





PAN 178-14

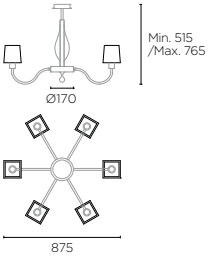


PAN 186-20



PAN 178-BY

10





PAN 179-14

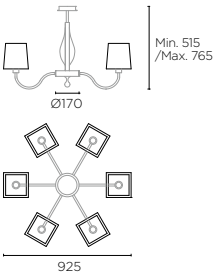


PAN 187-20



PAN 179-BY

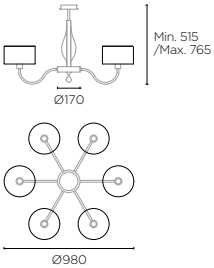
10





PAN 199-V7

10



20-2013-Z6-82 + PAN

6 X E-27 MAX 60W

HALOGEN - FLUORESCENT - LED

RECOMMENDED MINI CANDLE 9W

Z6 **PAN** V7 **PAN** 14 **PAN** BY **PAN** J6 **PAN** 20

ST

RF 850° C

6



SPICA

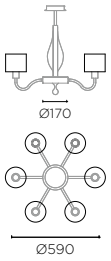


DRESS UP!

PAN 175-14


PAN 175-BY

5




PAN 157-14

5

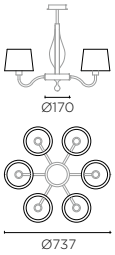

PAN 158-J6

8


PAN 157-BY

5


PAN 219-14

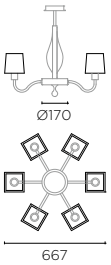



PAN 178-14


PAN 186-20


PAN 178-BY

10

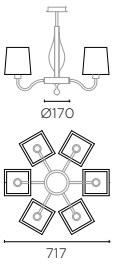



PAN 179-14


PAN 187-20

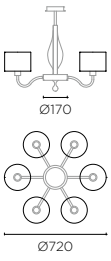

PAN 179-BY

10




PAN 198-V7

10



20-2012-Z6-82 + PAN

6 X E-27 MAX 60W

HALOGEN - FLUORESCENT - LED

RECOMMENDED MINI CANDLE 9W

Z6 **PAN** V7 **PAN** 14 **PAN** BY **PAN** J6 **PAN** 20



SPICA



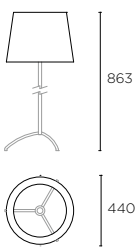
25-2510-Z6-82 + PAN
1 X E-27 MAX. 100W
HALOGEN - FLUORESCENT - LED

DRESS UP!


PAN 159-14 — 5


PAN 160-J6 — 8

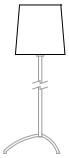

PAN 159-BY — 5




PAN 181-14


PAN 189-20


PAN 181-BY — 5

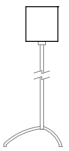





PAN 182-14


PAN 182-T001


PAN 182-BY — 10

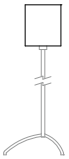





PAN 183-14


PAN 183-T001


PAN 183-BY — 10

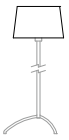





PAN 184-14 — 5

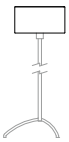

PAN 185-J6 — 4


PAN 184-BY — 5






PAN 220-V7 — 10






PAN 221-V7 — 10

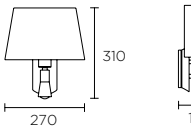




Z6 **PAN** V7 **PAN** 14 **PAN** BY **PAN** 20 **PAN** J6 **PAN** T001

BALMORAL







05-2814-81-05
05-2814-81-14
05-2814-81-20

1 X E-27 MAX. 60W | L= 150 MM
HALOGEN - FLUORESCENT - LED
LED **CREE** 3W
182 lm(N) | 2800K

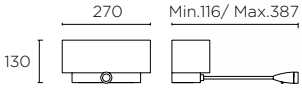
81 **PAN** 05 **PAN** 14 **PAN** 20



TYRA





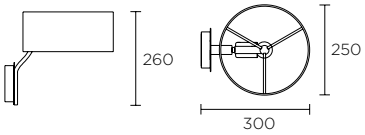


05-4363-81-20
1 X G24Q2 MAX. 18W
LED **CREE** 3W
182 lm(N) | 3000K

81 PAN 20

BROOKLYN





05-2775-21-14 (S)
1 X E-27 MAX. 60W | Ø= 50MM L= 150 MM
HALOGEN - FLUORESCENT - LED

21 PAN 14

DIDO

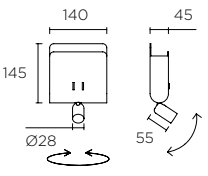






05-2015-14-14 | 05-2015-34-34

LED **CREE** 1 X 9W 560 lm(N) | 3000K
LED **CREE** 1 X 1W 107 lm(N) | 3000K



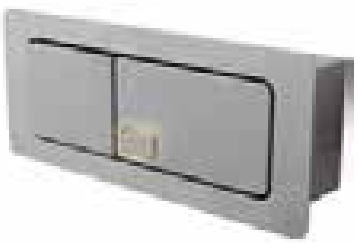
14 34

AL | RF 850° C | 100-240V 50-60Hz | 2X | 10 | W WHITE

ESTAK

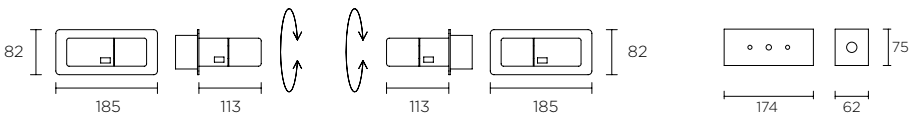






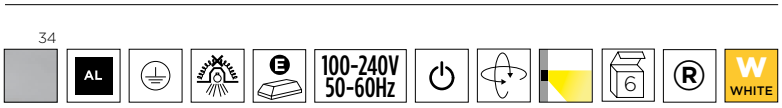


174x75



05-1555-34-34

LED **CREE** 3W
182 lm(N) | 3000K

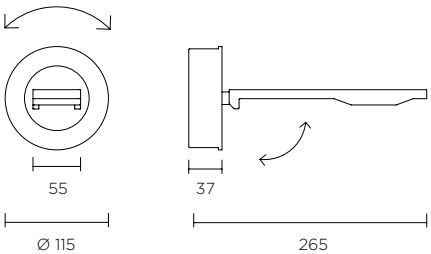




71-1653-34-34
Kit para empotrar en pared de obra
Recessing kit for brick wall
Kit pour encastrer au mur
Kit zum Einbauen im Mauerwerk
Kit per incasso a parete
Kit para encastrar em parede de obra
Набор для встроенного монтажа
Zestaw do montażu w ścianach z cegły

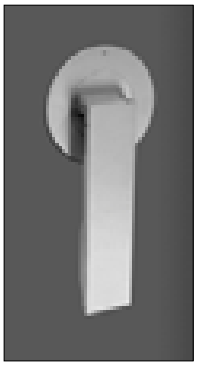
ON-OFF







ON

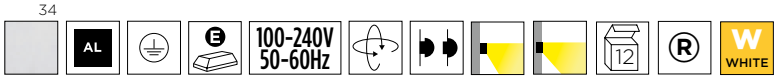


OFF

05-0072-34-34

LED **CREE** 3W
182 lm(N) | 2900K

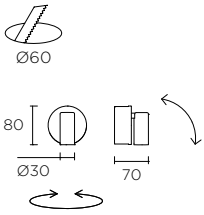
34



IVY

NEW











05-2706-81-81 | 05-2706-21-21 | 05-2706-E4-E4

LED **CREE** X 1W
107 lm(N) | 3000K

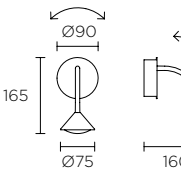
81 21 E4

ST AL 100-240V 50-60Hz 12 W WHITE

DRACO

NEW







05-0486-14-M1

LED **CREE** 3W
182 lm(N) | 3000K

14

ST

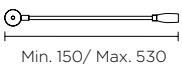
100-240V 50-60Hz

12

W WHITE

BED







25

05-2830-34-34

LED **CREE** 3W

182 lm(N) | 3000K

24

05-2831-34-34

LED **CREE** 3W

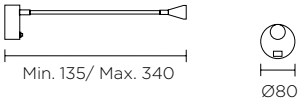
182 lm(N) | 3000K

34

ST | ABS | RF 850°C | 100-240V 50-60Hz | W WHITE

BOOK

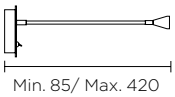




6

05-2838-21-21
LED **CREE** 1W
107 lm(N) | 3000K







6

05-2837-21-21
LED **CREE** 1W
107 lm(N) | 3000K

WALL



10

05-2845-21-21
LED **CREE** 3W
182 lm(N) | 3000K





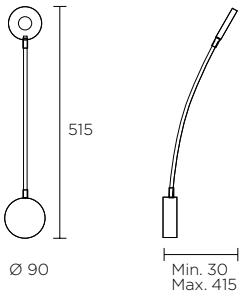
50

05-2835-54-54
LED **CREE** 1,2W
107 lm(N) | 3000K

21 54 ST RF 850°C 100-240V 50-60Hz W WHITE

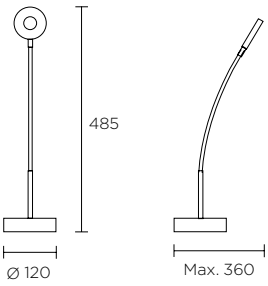
LLIT





446-NS
30 LEDS X 0.073W = 2.2W
242 lm(N) | 6000K





10-1788-81-81
30 LEDS X 0.073W = 2.2W
242 lm(N) | 6000K

NS

ROOMIE

NEW





05-2753-14-M2
LED **CREE** 1W
107 lm(N)

FILTROS INCLUIDOS | SIGNAL FILTERS INCLUDED | FILTRES DE SIGNALISATION FOURNIS
FILTER FÜR SIGNALISIERUNG INKLUSIVE | FILTRI DI SEGNALAZIONE INCLUSI | SINALIZAÇÃO, INCLUINDO FILTROS
ФИЛЬТРЫ С ОБОЗНАЧЕНИЯМИ В КОМПЛЕКТЕ | FILTRY SYGNAŁÓW W KOMPLECIE





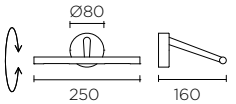

107

SIENA LED

NEW



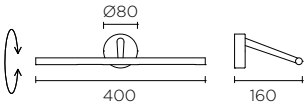




12

05-1577-E4-M2 | 05-1577-21-M2 | 05-1577-81-M2

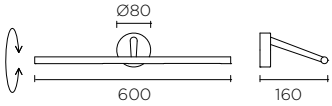
LED 12 X 0,2W = 2,4W
265 lm(N) | 3000 K



6

05-1611-E4-M2 | 05-1611-21-M2 | 05-1611-81-M2

LED 18 X 0,2W = 3,6W
400 lm(N) | 3000 K



6

05-2897-E4-M2 | 05-2897-21-M2 | 05-2897-81-M2

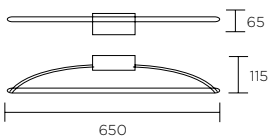
LED 30 X 0,23W = 7W
700 lm(N) | 3000 K

81 21 E4

ST AL RF 850°C 100-240V 50-60Hz W WHITE

SIENA







2

280-NS

1 X T5 13W

NS

LIA LED

NEW





50
250
80

05-2703-81-81 | 05-2703-21-21 | 05-2703-14-14

LED 12 X 0,3W = 3,5W 356 lm(N)
3000K



50
400
80

05-2704-81-81 | 05-2704-21-21 | 05-2704-14-14

LED 24 X 0,3W = 7W 713 lm(N)
3000K



50
600
80

05-2705-81-81 | 05-2705-21-21 | 05-2705-14-14

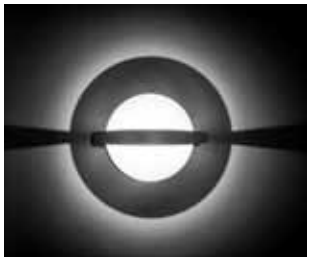
LED 36 X 0,3W = 10,5W 1070 lm(N)
3000K

81 21 14

ST AL ACR DIF 100-240V 50-60Hz WHITE

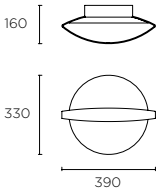


SATURN



NEW





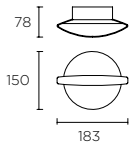
2

15-2021-14-14

LED **SHARP** 18W

1800 lm(N) | 3000K



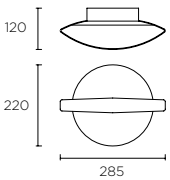


12

05-2233-14-14

LED **CITIZEN** 4W

380 lm(N) | 3000K



6

15-2020-14-14

LED **SHARP** 9W

855 lm(N) | 3000K

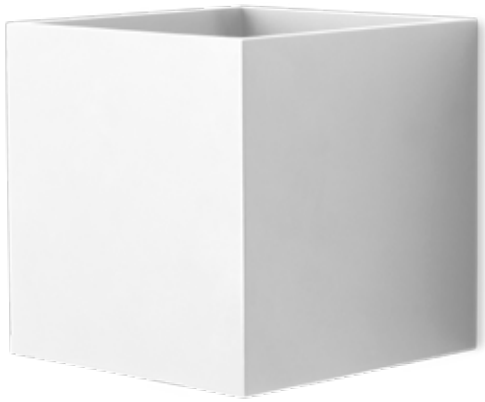
14

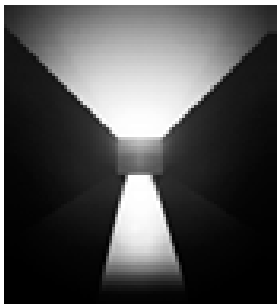
ST | AL | IP 23 | IP 20 | RF 850°C | 100-240V 50-60Hz | W WHITE



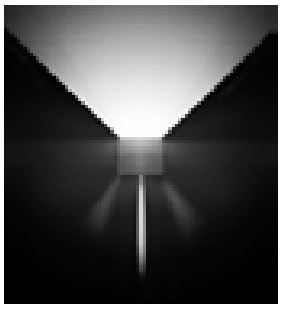
KUB

NEW

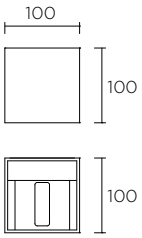






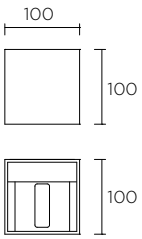






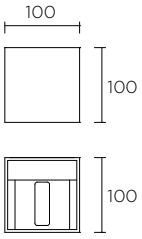
05-3220-14-14
LED **CREE** 4 X 1,025W = 4,1W
428 lm(N) | 3000K





05-3220-25-25
LED **CREE** 4 X 1,025W = 4,1W
428 lm(N) | 3000K

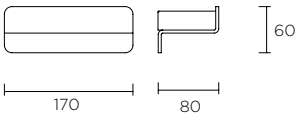




05-3220-34-34
LED **CREE** 4 X 1,025W = 4,1W
428 lm(N) | 3000K

14 25 34 AL RF 850°C 100-240V 50-60Hz W WHITE 6

JET



05-0069-14-14

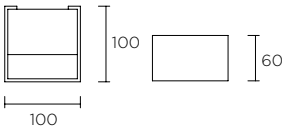
LED **CITIZEN** X 4W
488 lm(N) | 3000K



05-0533-14-14

1 X G9 MAX. 40W
HALOGEN - FLUORESCENT - LED

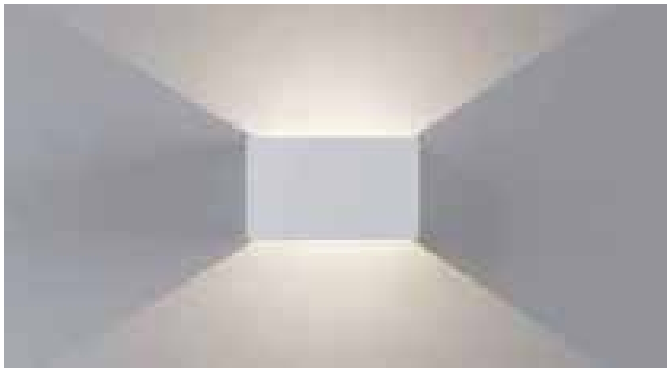






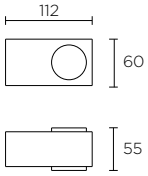
05-0071-14-14

LED **CREE** X 3W
182 lm(N) | 3000K



14

BRICK





05-4427-S2-M1

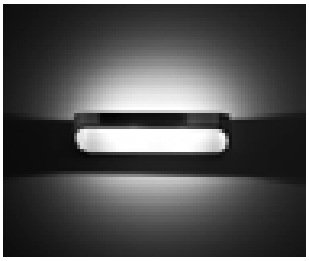
LED **CREE** 2 X 3W = 6W
364 lm(N) | 3000k





S2

OVAL









SPOT



Ø105 30



05-0487-14-54

LED **CREE** 3W
182 lm(N) | 3000K



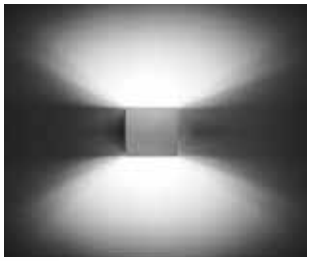
Ø105 30

05-0487-05-54

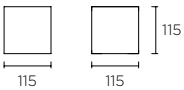
LED **CREE** 3W
182 lm(N) | 3000K

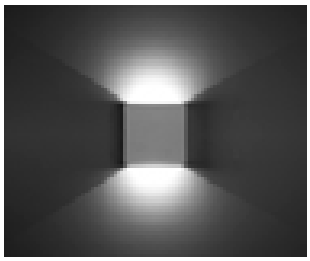
05-54 14-54 AL RF 850°C 100-240V 50-60Hz 12

GES



05-1794-14-14
1 X G9 MAX. 40W



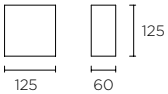








05-1798-14-14 | 05-1798-D9-D9 | 05-1798-D8-D8
LED **CREE** 2 X 2W = 4W
330 lm(N) | 3000 K



14 D9 D8

GES

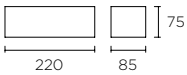




12

05-1793-14-14

1 X E-14 MAX. 40W | L= 129 MM Ø= 45 MM
HALOGEN – FLUORESCENT – LED



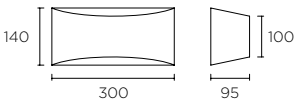




8

05-1796-14-14

1 X E-14 MAX. 40W | L= 129 MM Ø= 45 MM
HALOGEN – FLUORESCENT – LED



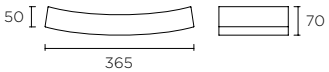




0,2 M 6

05-1795-14-14

1 X R7S MAX. 100W L = 78 MM



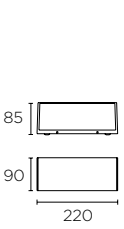
14

PLAS TER



LIA









IP 20

05-4401-BX-B8

1 X E-27 MAX. 60W | Ø= 70 MM L= 160 MM
HALOGEN - FLUORESCENT - LED

IP 44

05-4401-14-B8

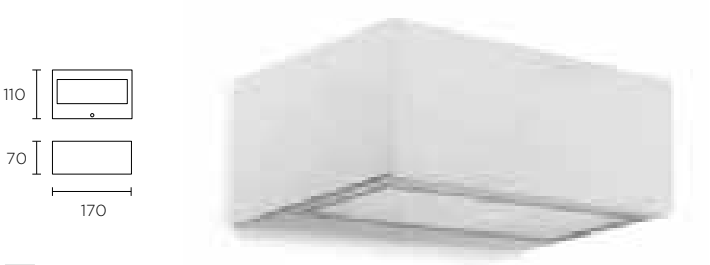
1 X E-27 MAX. 60W | Ø= 70 MM L= 160 MM
HALOGEN - FLUORESCENT - LED

BX 14

AL GLA DIF RF 850°C 4 ®

NEMESIS





IP 44

05-9177-14-B8

1 X R7S L = 78 MAX. 100W

IP 20

05-4402-BX-B8

1 X R7S L = 78 MAX. 100W

71-8969-00-00

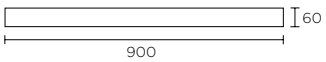
Reactancia para:
Ballast for:
Ballast pour:
Blindwiderstand für:
Reattanza per :
Reactância para :
активное сопротивление для :
Reaktancja dla:
PL-G24d-113W 230V

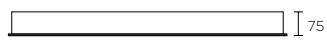
BX 14

AL GLA DIF RF 850°C 4 ®

BREMEN





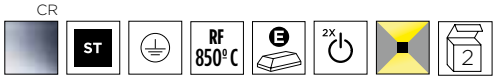




284-CR

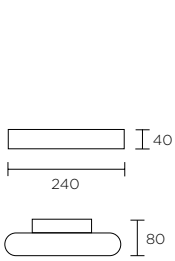
2 X T5 21W

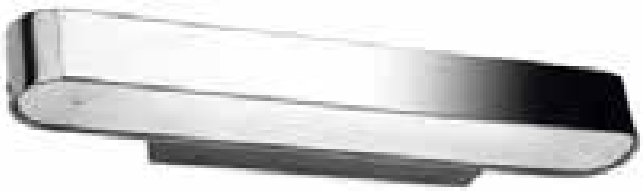
CR



HALF





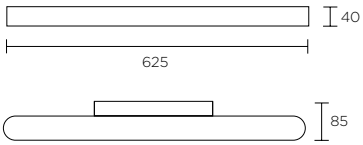


4

492-CR

1 X R7S L = 118 MAX. 150W

OSRAM INCLUDED



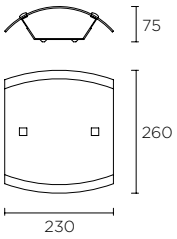
2

493-CR

1 X T5 14W

CR

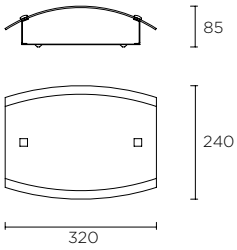
PRACTIC





05-0517-21-E9

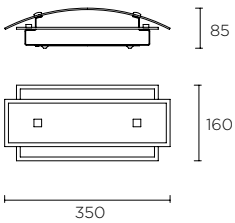
1 X E-27 MAX. 100W | Ø= 60 MM L= 200 MM
HALOGEN - FLOURESCENT -LED





05-0518-21-E9

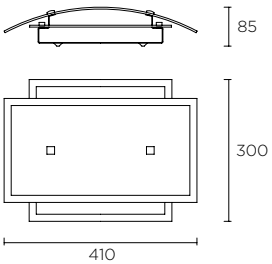
2 X E-27 MAX. 60W | Ø= 60 MM L= 200 MM
HALOGEN - FLUORESCENT - LED





05-0519-21-E9

1 X E-27 MAX. 100W | Ø= 60 MM L= 190 MM
HALOGEN - FLUORESCENT - LED

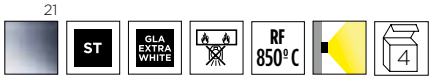




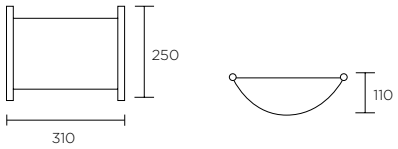
05-0530-21-E9

2 X E-27 MAX. 60W | Ø= 60 MM L= 190 MM
HALOGEN - FLUORESCENT - LED

21



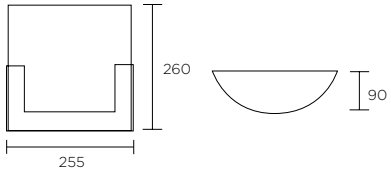
NIZA





274-NS

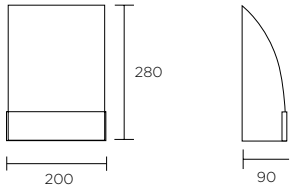
2 X E-27 MAX. 60W | Ø= 60 MM L= 160 MM
HALOGEN - FLUORESCENT - LED





505-NS

2 X E-27 MAX. 60W | Ø= 60 MM L= 190 MM
HALOGEN - FLUORESCENT - LED





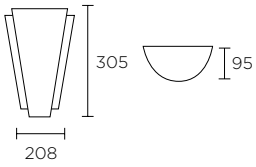
506-CR

1 X E-27 MAX. 60W | Ø= 60 MM L= 120 MM
HALOGEN - FLUORESCENT - LED

CR NS ST GLA DIF RF 850°C 6

LUGO



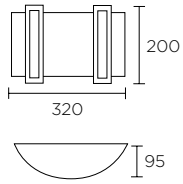


6

482-CR

1 X E-27 MAX. 100W | Ø= 80 MM L= 130 MM
HALOGEN - FLUORESCENT - LED





6

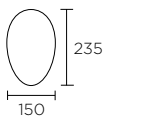
479-CR

2 X E-27 MAX. 60W | Ø= 60 MM L= 130 MM
HALOGEN - FLUORESCENT - LED

CR - Y2

GLASS





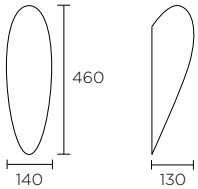
6

444-BL

1 X E-27 MAX. 60W | Ø= 70 MM L= 130 MM
HALOGEN - FLUORESCENT - LED







1

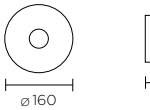
445-BL

1 X E-27 MAX. 60W | Ø= 70 MM L= 130 MM
HALOGEN - FLOURESCENT -LED

BL

SUNNY







510-CR

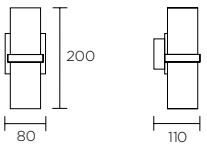
1 X E-14 MAX. 40W DECOR SILVER 2700K WARM WHITE **OSRAM INCLUDED**
HALOGEN - FLUORESCENT - LED

CR



ALU

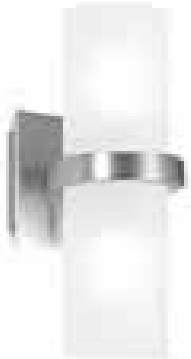


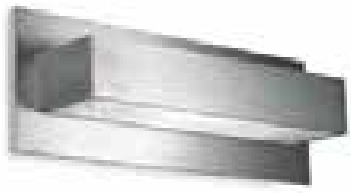


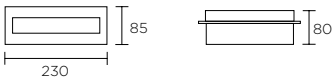
ST 4

456-AL

2 X G9 MAX. 60W
OSRAM INCLUDED







4

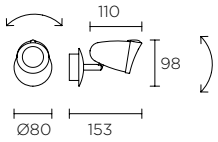
443-AL

1 X R7S L = 118 MAX. 150W **OSRAM INCLUDED**

AL

AL GLA DIF RF 850ºC

VESPA





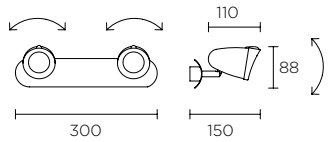
8

05-0848-16-21

1 X GU10 LED 6W

RECOMMENDED ACT-FLL-025

LED





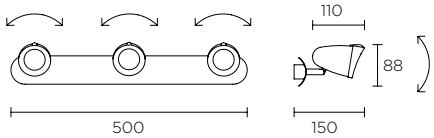
8

05-0849-16-21

2 X GU10 LED 6W

RECOMMENDED ACT-FLL-025

LED





6

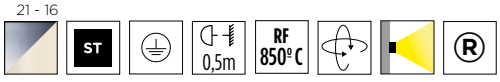
05-0850-16-21

3 X GU10 LED 6W

RECOMMENDED ACT-FLL-025

LED

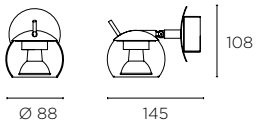
21 - 16



NOK





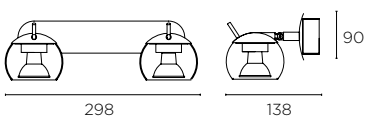


12

05-4351-21-37

1 X GU10 MAX. 50W
HALOGEN - LED
RECOMMENDED ACT-FLL-025





1

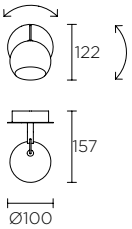
05-4352-21-37

2 X GU10 MAX. 50W
HALOGEN - LED
RECOMMENDED ACT-FLL-025

21

TRINITY



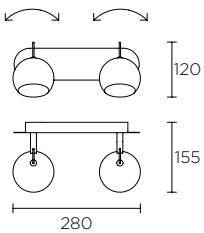


12

05-1513-21-21

1 X GU10 LED 6W
LED
RECOMMENDED ACT-FLL-025





6

05-1514-21-21

2 X GU10 LED 6W
LED
RECOMMENDED ACT-FLL-025

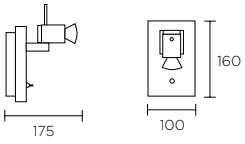
21




The Hotel Book

WOOD



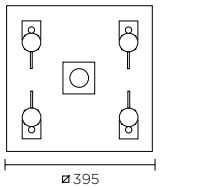


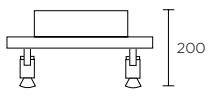
6

410-CR

1 X GU10 MAX. 50W **OSRAM INCLUDED**
HALOGEN - LED
RECOMMENDED ACT-FLL-025







2

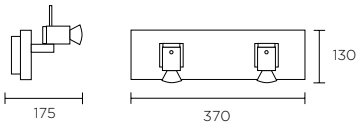
415-CR

5 X GU10 MAX. 50W **OSRAM INCLUDED**
HALOGEN - FLOURESCENT -LED
RECOMMENDED ACT-FLL-025

CR - J6

ST WOOD RF 850° C 0,2m ®



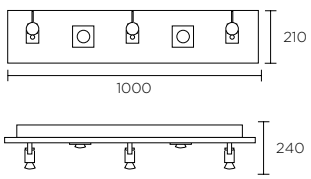


4

411-CR

2 X GU10 MAX. 50W **OSRAM INCLUDED**
HALOGEN - LED
RECOMMENDED ACT-FLL-025



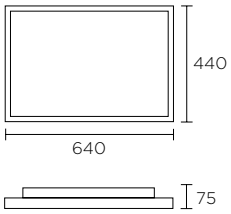


2

416-CR

5 X GU10 MAX. 50W **OSRAM INCLUDED**
HALOGEN - LED
RECOMMENDED ACT-FLL-025

TOLEDO



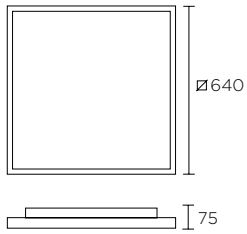


1

15-2906-S2-M1

2 X G11 55W

HIGH





1

15-2907-S2-M1

3 X G11 55W

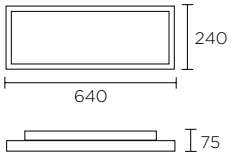
100-240V 50-60Hz 1 LED

15-2938-S2-M1

LED 324 X 0,18W = 58W

5180 lm (N) | 3000K

HIGH





2

434-AL

2 X 2G11 40W

100-240V 50-60Hz 2 LED

15-2939-S2-M1

LED 162 X 0,18W = 29W

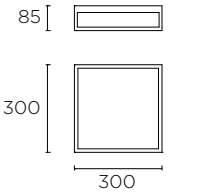
2565 lm (N) | 3000K

AL

AL | ACR DIF | IP 23 | RF 850°C

NEW

HIGH



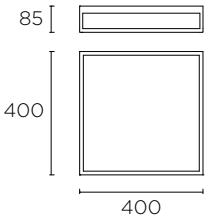


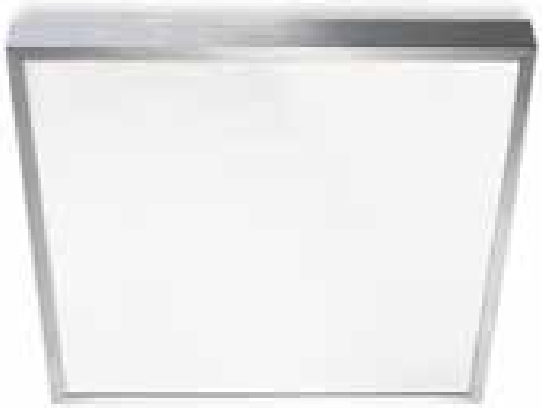
4

LED

15-2936-S2-M1

LED 108 X 0,18W = 19W
1710 lm (N) | 3000K



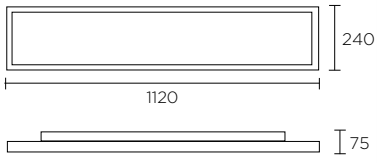


3

LED

15-2937-S2-M1

LED 162 X 0,18W = 29W
2590 lm (N) | 3000K





1

LED

15-2940-S2-M1

LED 216 X 0,18W = 38W
3420 lm (N) | 3000K

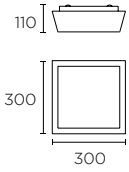
S2

AL | ST | ACR DIF | IP 23 | 100-240V 50-60Hz | W WHITE

PRISMA





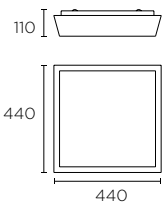


4

15-4689-14-B4 | 15-4689-S2-B4

2 X E-27 PL ELEC. MAX. 18W
FLUORESCENT – LED



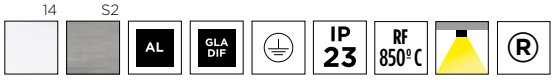


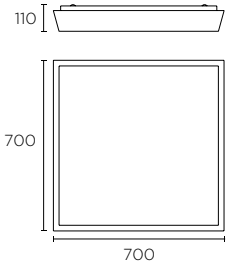
2

15-4690-14-B4 | 15-4690-S2-B4

3 X E-27 PL ELEC. MAX. 18W
FLUORESCENT – LED

14 S2

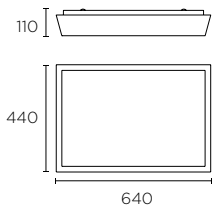






15-4692-14-M1 | 15-4692-S2-M1

3 X 2G11 55W





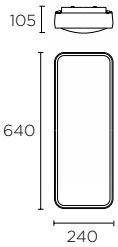
15-4691-14-B4 | 15-4691-S2-B4

2 X 2G11 55W

14 S2

RAS



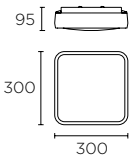


2

15-4686-14-M1 | 15-4686-S2-M1

1 X 2G11 55W





4

15-4685-14-M1 | 15-4685-S2-M1

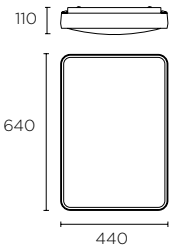
2 X E-27 PL ELEC. MAX. 18W

14 S2

AL ACR DIF IP 23

HIGH

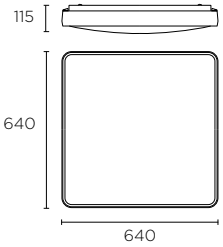




15-4687-14-M1 | 15-4687-S2-M1

2 X 2G11 55W





15-4688-14-M1 | 15-4688-S2-M1

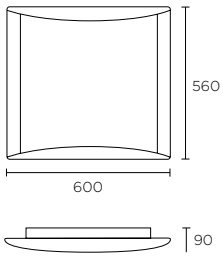
3 X 2G11 55W

14 S2

AL ACR DIF IP 23

ALPEN



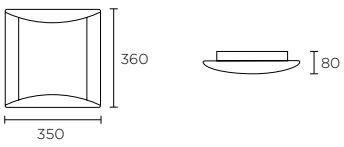


2

15-2905-34-M1

4 X 2G11 24W





4

332-GR

2 X G24q3 26W

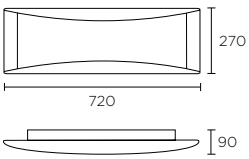
GR

2

331-GR

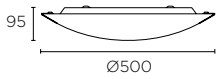
2 X 2G11 40W





CLIP





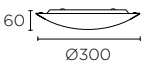
3

15-1522-21-E9
LED 91 X 0,2W = 18W
1800 Lm | 3000K

3

15-4684-21-E9
3 X E-27 MAX. 40W
HALOGEN - FLUORESCENT - LED





4

15-1521-21-E9
LED 70 X 0,2W = 14W
1400 Lm | 3000K

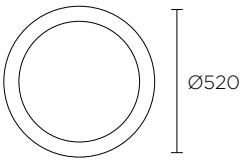
4

15-4682-21-E9
2 X E-27 MAX. 25W
HALOGEN - FLUORESCENT - LED

21

ROUND







514-GR

1 x T5 TUBULAR 22W
1 X T5 TUBULAR 55W
FLUORESCENT – LED

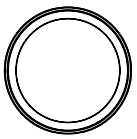
GR



AUDREY




115


Ø480





15-4336-14-M1

3 X E-27 MAX. 25W
HALOGEN – FLUORESCENT – LED

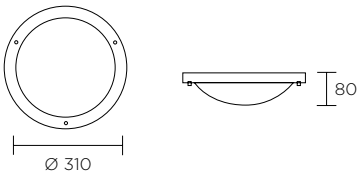
14



OSLO







271-NS

1 X R7S L = 78 MAX. 100W **OSRAM INCLUDED**

NS

ST

GLA DIF

IP 20

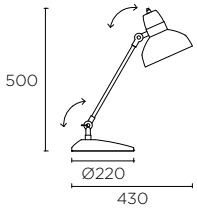
IP 23

RF 850º C

6

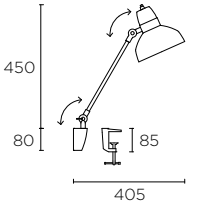
FLEX

NEW



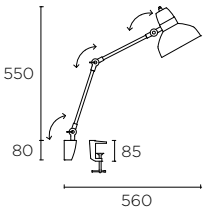


10-1530-21-14 | 10-1530-21-05
1 X E-27 MAX. 60W | Ø= 70 MM L= 130 MM
HALOGEN - FLUORESCENT - LED
RECOMMENDED MINI GLOBE 11W





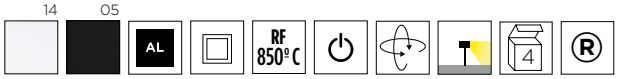
05-1530-21-14 | 05-1530-21-05
1 X E-27 MAX. 60W | Ø= 70 MM L= 130 MM
HALOGEN - FLUORESCENT - LED
RECOMMENDED MINI GLOBE 11W



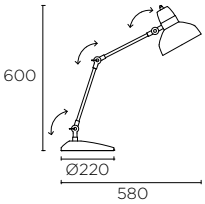


05-1531-21-14 | 05-1531-21-05
1 X E-27 MAX. 60W | Ø= 70 MM L= 130 MM
HALOGEN - FLUORESCENT - LED
RECOMMENDED MINI GLOBE 11W

14 05



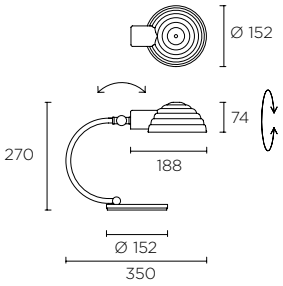






10-1531-21-14 | 10-1531-21-05
1 X E-27 MAX. 60W | Ø= 70 MM L= 130 MM
HALOGEN - FLUORESCENT - LED
RECOMMENDED MINI GLOBE 11W

WAVE

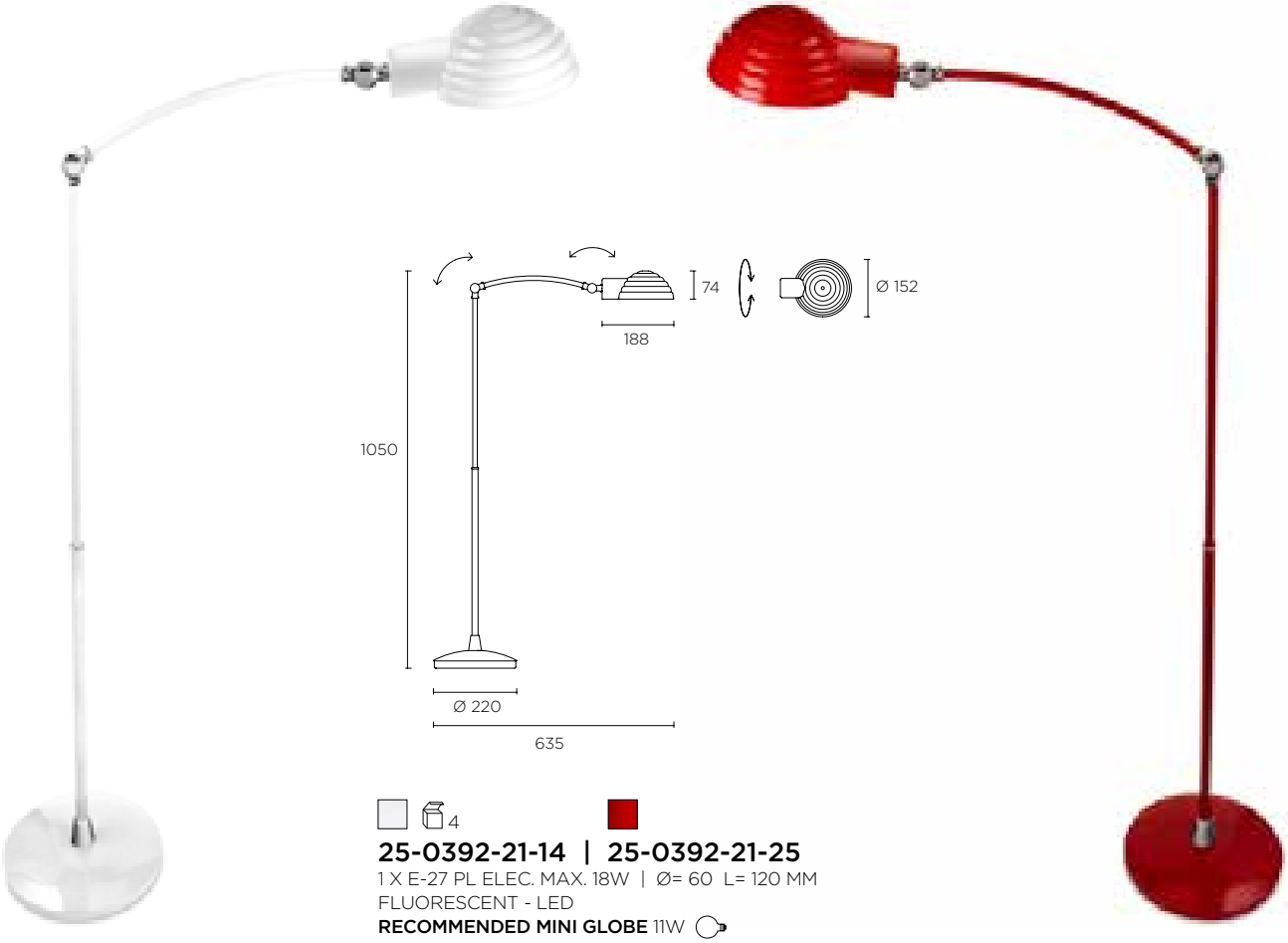




6

10-0392-21-14 | 10-0392-21-25

1 X E-27 PL ELEC. MAX. 18W | Ø= 60 MM L= 120 MM
FLUORESCENT - LED
RECOMMENDED MINI GLOBE 11W



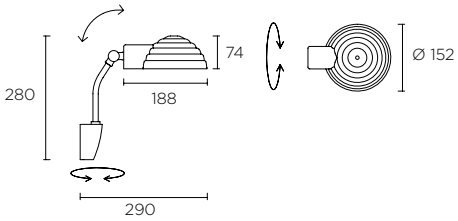
4

25-0392-21-14 | 25-0392-21-25

1 X E-27 PL ELEC. MAX. 18W | Ø= 60 L= 120 MM
FLUORESCENT - LED
RECOMMENDED MINI GLOBE 11W

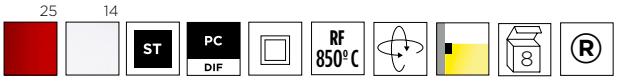
25 14

WAVE

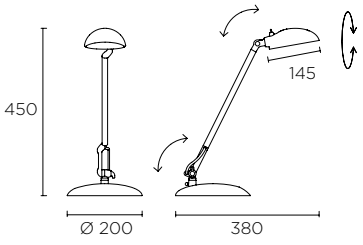




05-0392-21-14 | 05-0392-21-25
1 X E-27 PL ELEC. MAX. 18W | Ø= 60 L= 120 MM
FLUORESCENT - LED
RECOMMENDED MINI GLOBE 11W



HOLMES





10-0231-34-05
LED 50 X 0,1W = 5W
350 lm(N) | 2900K



QUEEN

NEW





25-3273-21-05 | 25-3273-E4-Y2

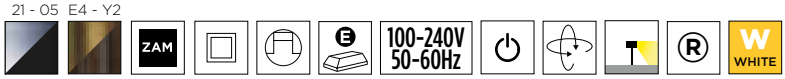
LED **CITIZEN** 6,9W
434 lm(N) | 3000K



10-3273-21-05 | 10-3273-E4-Y2

LED **CITIZEN** 6,9W
434 lm(N) | 3000K

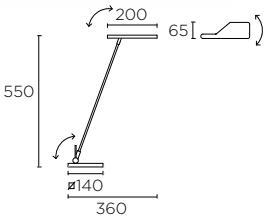
21 - 05 E4 - Y2

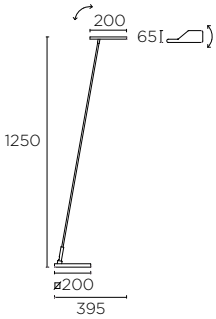




ELVA







6

10-1523-21-21

LED **CITIZEN** 6W
434 lm(N) | 3000K

2

25-1523-21-21

LED **CITIZEN** 6W
434 lm(N) | 3000K

21

ST

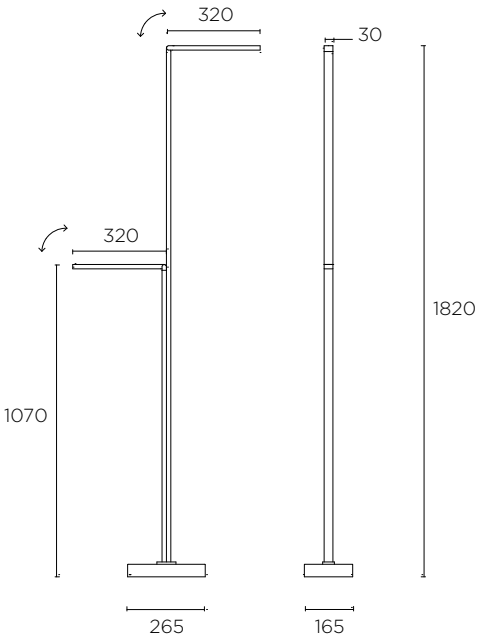
100-240V 50-60Hz

WHITE



JAZZ

NEW





25-3216-14-M3

LED **CREE** 9 X 2,2 = 20W
1540 lm(N) | 3000K
LED **CREE** 2,2W
170 lm(N) | 3000K

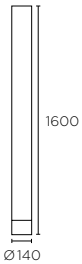
14

AL | ACR DIF | RF 850º C | 100-240V 50-60Hz | 2x | 1x | WHITE



ABERDEEN





337-AL

1 X E-27 PAR 30 MAX. 75W
HALOGEN - FLUORESCENT - LED

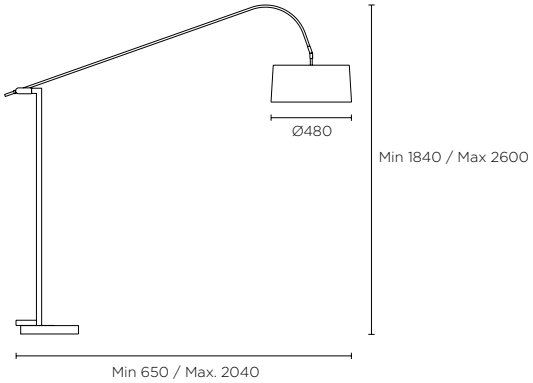
AL



EXTEND



ON / OFF DIMMER





25-2860-Y2-05 | 25-2860-Y2-14

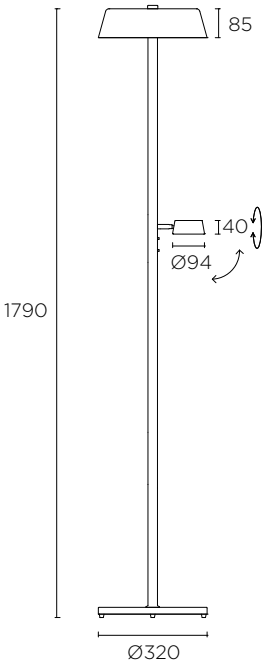
3 X E-27 MAX. 60W
HALOGEN - FLUORESCENT - LED



PING

NEW





25-3215-14-M1

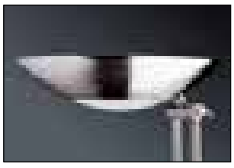
2 X E-27 PL ELEC. MAX. 18W | Ø= 60 MM L= 130 MM
FLUORESCENT - LED
LED **CREE** 2,2W | 3000K
182 lm(N)

14

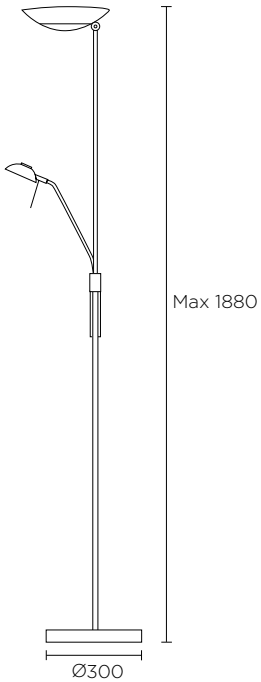
ST AL ACR DIF RF 850°C 100-240V 50-60Hz 2X W WHITE 1

CRETA









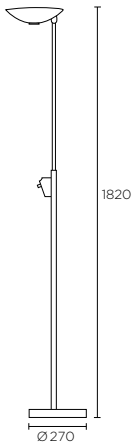
127-NS

1 X R7S L = 118 MAX. 300W
1 X GY 6,35 50W 12V
INCLUDED

NS

MEMPHIS



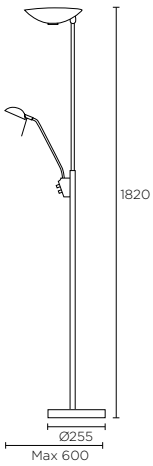


247-NS

1 X R7S L = 118 MAX. 300W

INCLUDED





0,2 M

248-NS

1 X R7S L = 118 MAX. 300W

1 X GY 6,35 50W 12V

INCLUDED

NS







BATHROOM LIGHTING

LA ILUMINACIÓN EN LA ZONA DE BAÑO | BATHROOM LIGHTING | L'ÉCLAIRAGE DANS LA SALLE DE BAINS | BELEUCHTUNG IM BAD | L'ILLUMINAZIONE NELL'AREA DEL BAGNO | ILUMINAÇÃO DA CASA DE BANHO | ОСВЕЩЕНИЕ В ВАННОЙ ОБЛАСТЬ | OŚWIETLENIE ŁAZIENKOWE



■ **ZONA 1** Protección contra posibles penetraciones de agua. Se requiere IP45 (IPX5) o superior.

■ **ZONA 2** Protección contra posibles proyecciones de agua. Se requiere IP44 (IPX4) o superior.

☐ **ZONA 3** Sin restricciones en esta zona.

■ **ZONE 1** Protection against direct water jets. IP45 (IPX5) or above required.

■ **ZONE 2** Protection from water splashing. IP44 (IPX4) or above required.

☐ **ZONE 3** No-restriction zone.

■ **ZONE 1** Protection contre le risque de pénétration d'eau. Indice IP45 (IPX5) ou supérieur exigé.

■ **ZONE 2** Protection contre le risque de projection d'eau. Indice IP44 (IPX4) ou supérieur exigé.

☐ **ZONE 3** Aucune restriction dans cette zone.

■ **ZONE 1** Schutz gegen Wassereintritt. Schutzklasse IP45 (IPX5) oder höher erforderlich.

■ **ZONE 2** Schutz gegen Wasserspritzer. Schutzklasse IP44 (IPX4) oder höher erforderlich.

☐ **ZONE 3** Zone ohne Beschränkungen

■ **ZONA 1** Protezione da possibili infiltrazioni d'acqua. Necessario IP45 (IPX5) o superiore.

■ **ZONA 2** Protezione da possibili schizzi d'acqua. Necessario IP44 (IPX4) o superiore.

☐ **ZONA 3** Nessuna limitazione in questa zona.

■ **ZONA 1** Proteção contra possíveis penetrações de água. Requer IP45 (IPX5) ou superior.

■ **ZONA 2** Proteção contra possíveis projeções de água. Requer IP44 (IPX4) ou superior.

☐ **ZONA 3** Sem restrições nesta zona.

■ **ЗОНА 1** Защита от возможного попадания воды. Обладает IP45 (IPX5) или выше.

■ **ЗОНА 2** Защита от возможного попадания воды. Обладает IP44 (IPX4) или выше.

☐ **ЗОНА 3** Без ограничения на данной территории.

■ **STREFA 1** Ochrona przed penetracją wody. Wymagane IP45 (IPx5)lub wyższe.

■ **STREFA 2** Ochrona przed rozpryskiem wody. Wymagane I44 (IPx4) lub wyższe.

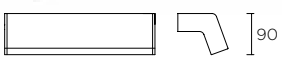
☐ **STREFA 3** Brak wymagań IP.

CONCEPT

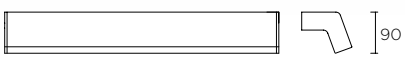




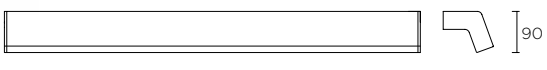




05-4698-21-M1
2 x T5 8W



05-4699-21-M1
2 x T5 14W

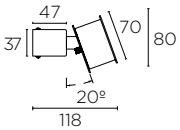


05-4700-21-M1
2 x T5 21W



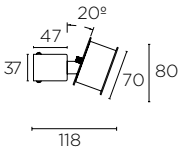
BELYSA





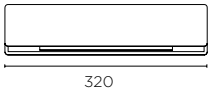
IP44





IP20

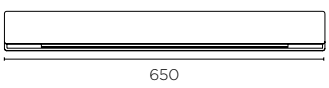




6

05-4361-21-05

1 x 2G11 18W



2

05-4362-21-05

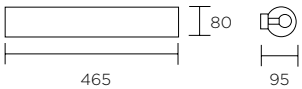
1 x 2G11 40W

21

MAKE UP







6

488-AL

3 x G9 MAX. 60W
40W **OSRAM INCLUDED**



4

489-AL

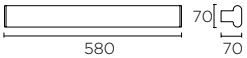
5 x G9 MAX. 60W
40W **OSRAM INCLUDED**

AL

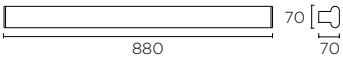
SKARA







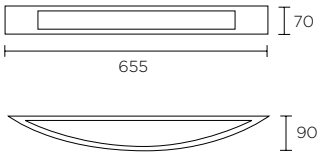
05-4357-21-M1
1 x T5 14W



05-4358-21-M1
1 x T5 21W



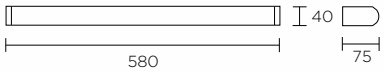
TOILET



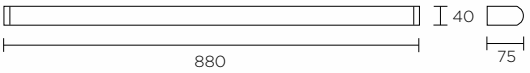


457-CR
1 x 2G11 24W
2700k WARM WHITE **INCLUDED**

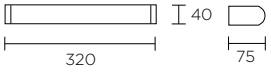




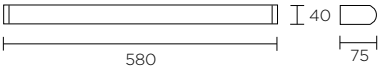
05-2325-21-M1
1 x T5 **HO** 24W



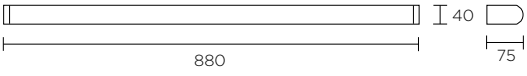
05-2326-21-M1
1 x T5 **HO** 39W



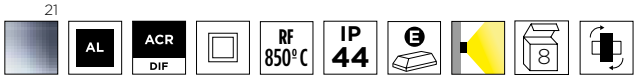
05-4376-21-M1
1 x T5 8W



05-4375-21-M1
1 x T5 14W

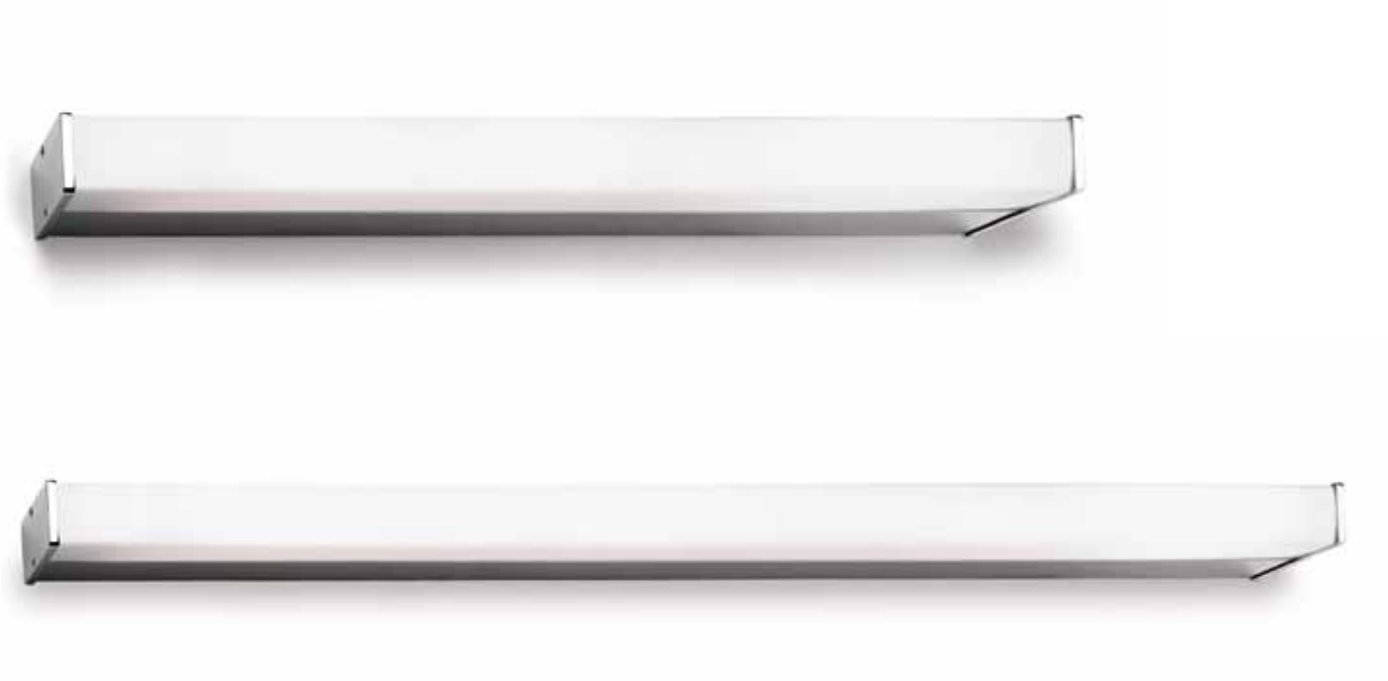


05-4374-21-M1
1 x T5 21W





TOILET Q



05-2327-21-M1

1 x T5 **HO** 24W

05-2328-21-M1

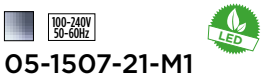
1 x T5 **HO** 39W

05-4377-21-M1

1 x T5 14W

05-4378-21-M1

1 x T5 21W



05-1507-21-M1

LED 10W 910 lm(N)

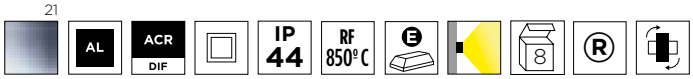




05-1508-21-M1

LED 16W 1405 lm(N)

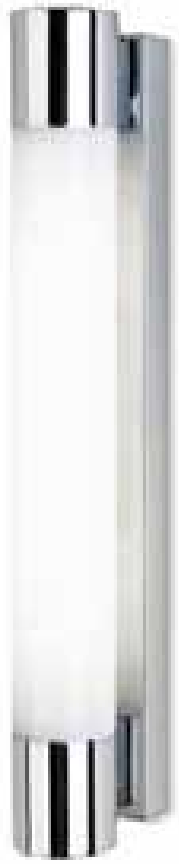


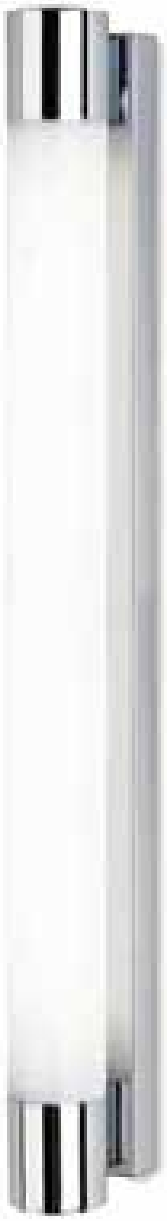


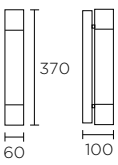


DRESDE

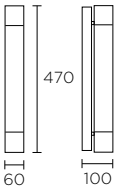




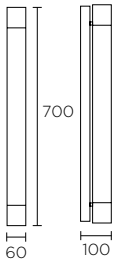




05-4385-21-M1
1 x 2G11 18W



05-4386-21-M1
1 x 2G11 24W



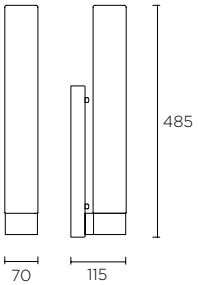
05-4387-21-M1
1 x 2G11 40W





DRESDE EVO





4

05-0028-21-F9

1 x 2G11 36W



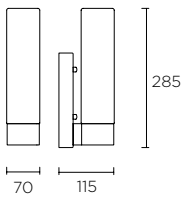


4

05-0027-21-F9

1 x 2G11 24W





5

05-0026-21-F9

1 x 2G11 18W

21

ST

GLA OPAL

IP 44

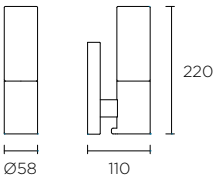
RF 850°C



DRESDE ON

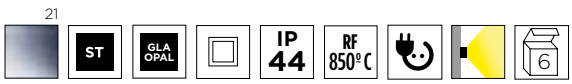






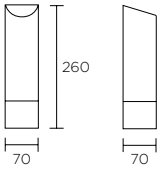
05-1411-21-F9

1 X E-14 MAX. 40W | Ø= 50 MM L= 110 MM
HALOGEN - FLOURESCENT -LED



BATH



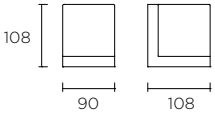


05-4379-81-F9

1 X E-27 PL ELEC. MAX. 20W | Ø= 60 MM L= 170 MM
HALOGEN - FLUORESCENT - LED



ORION

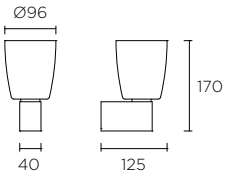


8

05-1389-21-F9

1 X G9 MAX. 40W





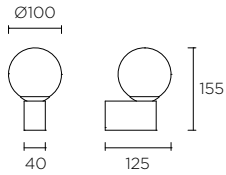
8

05-1383-21-F9

1 X E-14 MAX 40W MAX. | L=50 MM Ø= 110 MM

HALOGEN - FLUORESCENT - LED





8 100-240V 50-60Hz LED

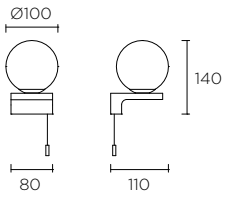
05-1410-21-F9

LED **EDISON** 4W

300 lm(N)

W WHITE





6

05-1380-21-F9

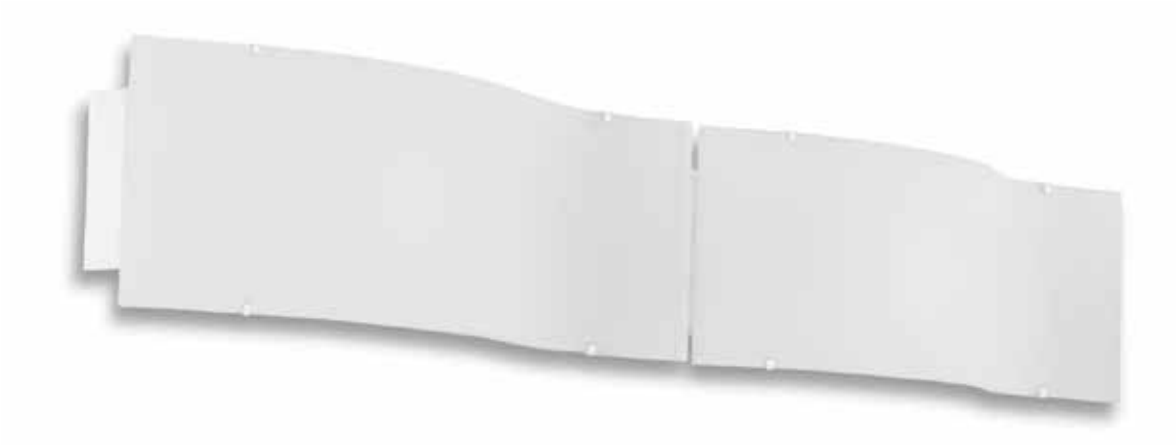
1X G9 40W

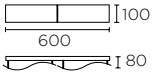


21

ZAM GLA OPAL IP 44 RF 850°C

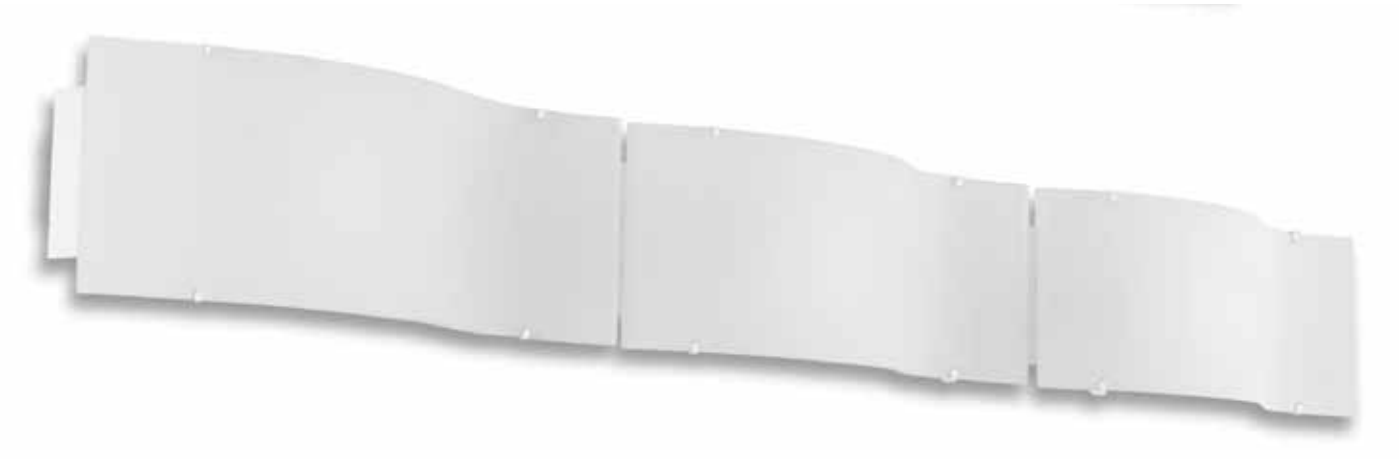
ONDA

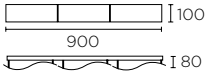




486-BL

2 X G9 MAX. 75W **OSRAM INCLUDED**

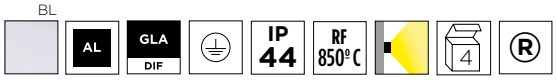




487-BL

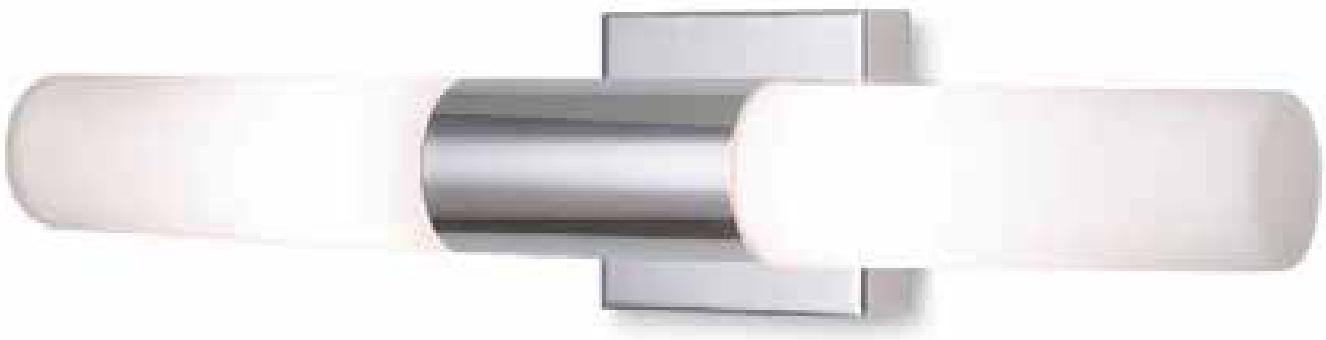
3 X G9 MAX. 75W **OSRAM INCLUDED**

BL





LORIENT







05-4373-21-F9

2 X G9 MAX. 40W **OSRAM INCLUDED**

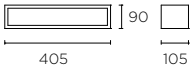
21



FLOW

NEW



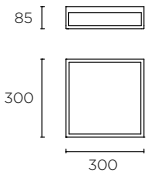


8

05-3213-21-B4

2 X E-27 MAX. 46W | L= 130 MM Ø= 85 MM
HALOGEN - FLUORESCENT - LED



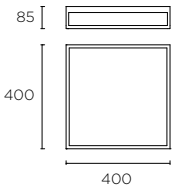


3

15-3213-21-B4

3 X E-27 MAX. 46W | L= 110 MM Ø= 60 MM
HALOGEN - FLUORESCENT - LED





3

15-3214-21-B4

3 X E-27 MAX. 46W | L= 150 MM Ø= 60 MM
HALOGEN - FLUORESCENT - LED

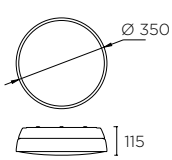
21

ST GLA IP 44 RF 850°C ®



DEC







15-4370-21-F9

2 X E-27 PL ELEC. MAX. 40W | Ø= 60 MM L= 160 MM

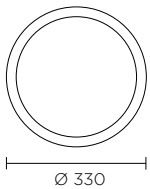
HALOGEN - FLUORESCENT - LED

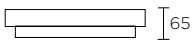
21

ST | GLA OPAL | IP 20 | IP 44 | RF 850º C | 4 | ®

PARMA





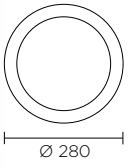


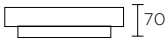
IP 44 4

15-1733-81-f9

2 X G24D3 26W







IP 23 6

366-NS

1 X R7S L = 78 MAX. 100W

OSRAM INCLUDED

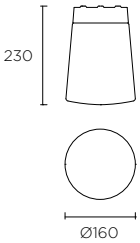
NS



BOB

NEW





15-2514-21-F9

1 X E-27 MAX. 60W | L= 170 MM Ø= 130 MM
HALOGEN - FLUORESCENT - LED

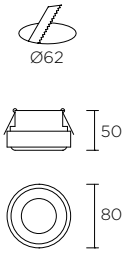
21



EIS

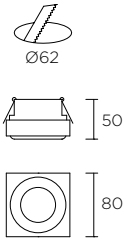
71-4396-00-00
(Kit GU10)





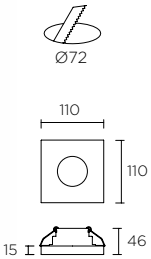
90-1689-21-37
1 X GU5.3 MAX. 50W
HALOGEN - LED
RECOMMENDED ACT-FLL-021





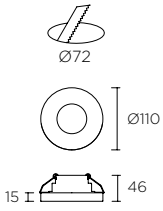
90-1690-21-37
1 X GU5.3 MAX. 50W
HALOGEN - LED
RECOMMENDED ACT-FLL-021





90-1792-21-37
1 X GU5.3 MAX. 50W
HALOGEN - LED
RECOMMENDED ACT-FLL-021





90-1789-21-37
1 X GU5.3 MAX. 50W
HALOGEN - LED
RECOMMENDED ACT-FLL-021

21

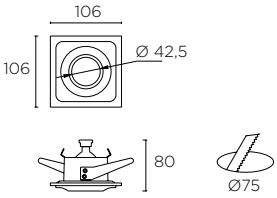
ST GLA IP 54 RF 850° C 0,5m 10

P. 873



FÓRMULA





90-4349-14-B9

1 X GU-5.3 MAX. 50W 12V
HALOGEN - LED

71-4396-00-00
(Kit GU10)

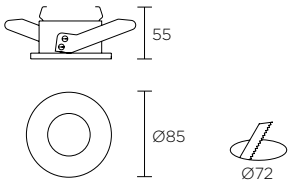
14

P. 873



SPLIT

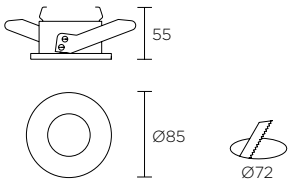
71-4396-00-00
(Kit GU10)





320-BL

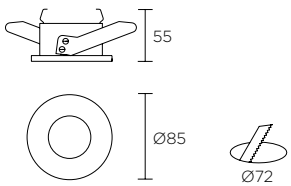
1 X GU-5.3 MAX. 50W 12V
HALOGEN - LED





320-CR

1 X GU-5.3 MAX. 50W 12V
HALOGEN - LED





320-NS

1 X GU-5.3 MAX. 50W 12V
HALOGEN - LED

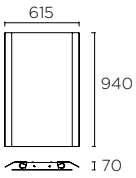
BL CR NS

P. 873

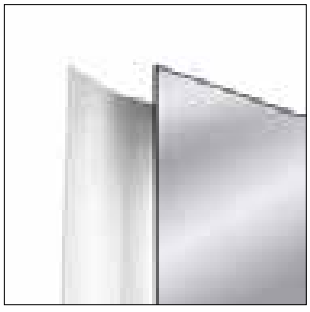


GLANZ



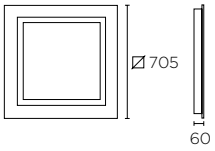


75-4371-K3-M1
2 x T5 39W





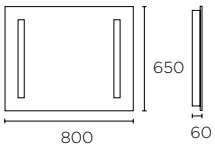
REFLEX





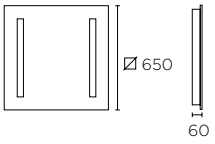
427-ES
4 X 2G11 40W





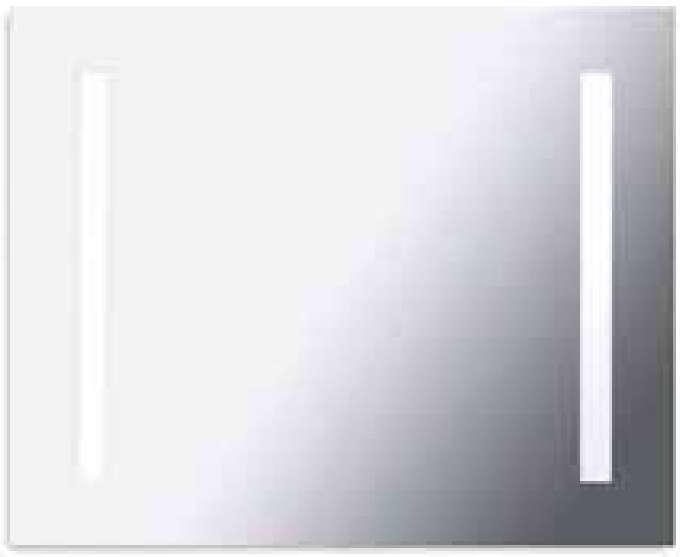


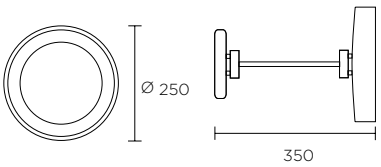
426-ES
2 X 2G11 55W





425-ES
2 X 2G11 55W

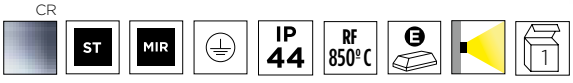






476-CR
1 x T5 22W
4000K NEUTRAL WHITE **INCLUDED**

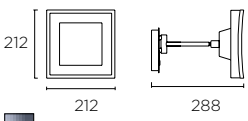




VANITY 1







75-4366-21-K3

1 X GX 53 MAX. 9W

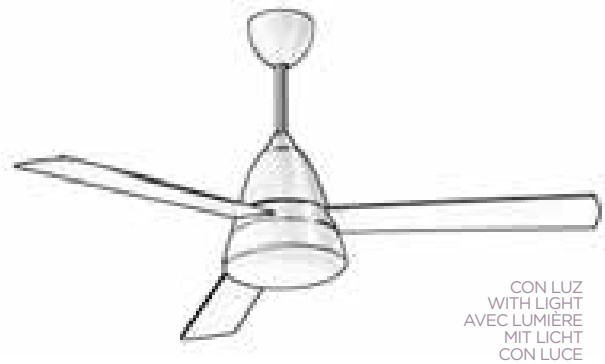
RECOMMENDED MEGAMAN 9W

21

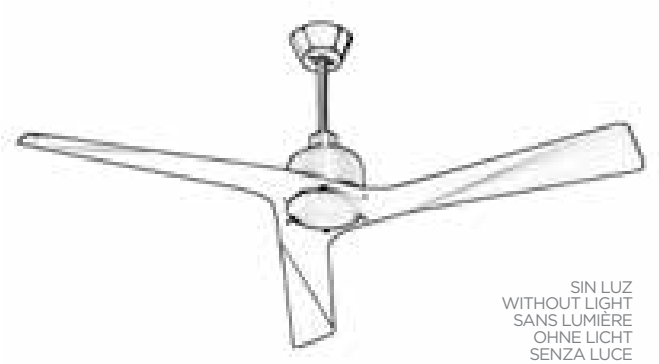
CHOOSE YOUR FAN

CÓMO ELEGIR SU VENTILADOR | HOW TO CHOOSE YOUR FAN | COMMENT CHOISIR VOTRE VENTILATEUR | AUSWAHL DES GEEIGNETEN VENTILATORS | COME SCEGLIERE IL SUO/LA SUA VENTILATORE DA SOFFITTO | COMO ESCOLHER O SEU VENTILADOR | КАК ВЫБРАТЬ ВЕНТИЛЯТОР | JAK WYBRAĆ WENTYLATOR

1 LUZ | LIGHT | LUMIÈRE | LICHT| LUCE | LUZ | СВЕТ | ŚWIATŁO

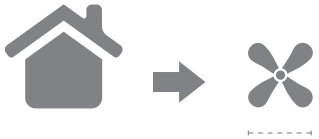


CON LUZ
WITH LIGHT
AVEC LUMIÈRE
MIT LICHT
CON LUCE
COM LUZ
СО СВЕТОМ
ZE ŚWIATŁEM



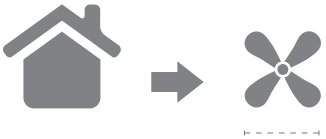
SIN LUZ
WITHOUT LIGHT
SANS LUMIÈRE
OHNE LICHT
SENZA LUCE
SEM LUZ
БЕЗ СВЕТА
BEZ ŚWIATŁA

2 MEDIDA | SIZE | DIMENSION | GRÖSSE | DIMENSIONE | DIMENSÃO | РАЗМЕРЫ | ROZMIAR



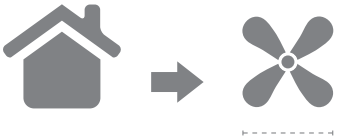
< 15 M² | < 1000 mm

S



15 M² - 20 M² | >1000 mm < 1320 mm

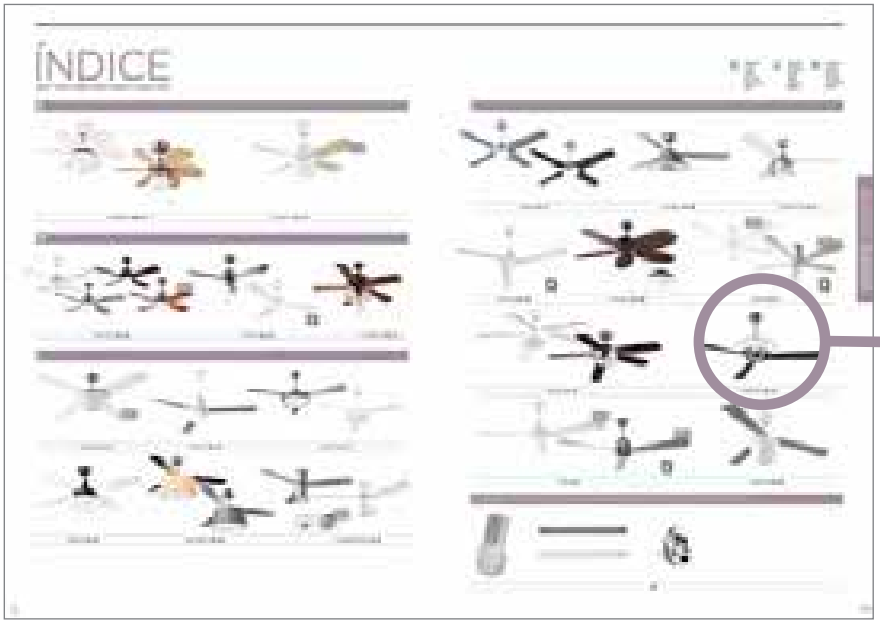
M



> 20 M² | > 1320 mm

L

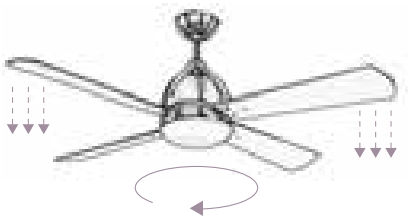
3 DISEÑO | DESIGN | DESIGN | DESIGN | DESENHO | DESIGN | ДИЗАЙН | WZÓR



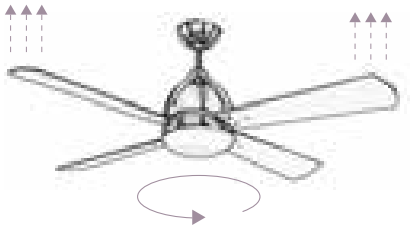
- ELIJA ENTRE LAS DIFERENTES OPCIONES
- CHOOSE AMONGST THE DIFFERENT DESIGNS
- CHOISISSEZ PARMI LES DIFFÉRENTES OPTIONS
- WÄHLEN SIE ZWISCHEN DEN VERSCHIEDENENOPTIONEN
- SCEGLIERE TRA LE DIVERSE OPZIONI
- ESCOLHA ENTRE AS DIFERENTES OPÇÕES
- ВЫБЕРИТЕ ОДНУ ИЗ ОПЦИЙ
- PROSZĘ WYBRAĆ POMIĘDZY RÓŻNYMI OPCJAMI

VENTAJAS | ADVANTAGES | AVANTAGES | VORTEILE | VANTAGGI VANTAGENS | ПРЕИМУЩЕСТВА | ZALETY

FUNCIÓN INVERSA | REVERSE FUNCTION | FONCTION INVERSE | INVERSE-FUNKTION | FUNZIONE INVERSA | FUNÇÃO INVERSA | ОБРАТНАЯ ФУНКЦИЯ | ODWROTNA FUNKCJA



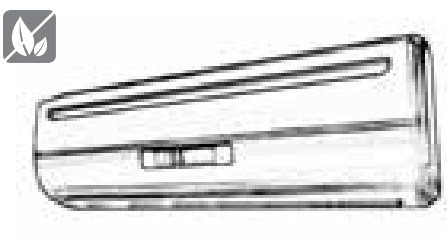
Úsalo todo el año
Use it all year round
Utilisez-le toute l'année
Sommer - und winterbetrieb
Usalo tutto l'anno
Utilize-o todo o ano
Пользуйтесь им круглый год
Proszę używać go przez cały rok



AHORRA Y PROTEGE | SAVE AND PROTECT | ÉCONOMISE ET PROTÈGE | SPAREN UND SCHÜTZEN | RISPARMIA E PROTEGGE | ECONOMIZA E PROTEGE | ЭКОНОМИТ И ЗАЩИЩАЕТ | OSZCZĘDZA I ZABEZPIECZA



SILENCIOSO | SILENT | SILENCIEUX | GERÄUSCHARM | SILENZIOSO | SILENCIOSO | БЕСШУМНЫЙ | CICHY



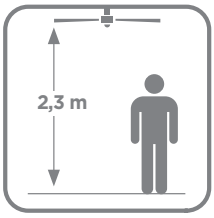
GARANTÍA | GUARANTEE | GARANTIE | GARANTIE | GARANZIA | GARANTIA | ГАРАНТИЯ | GWARANCJA

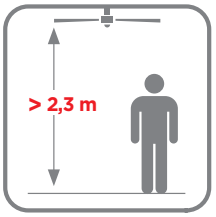


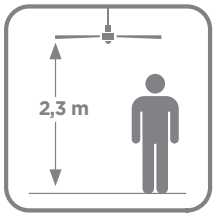


CONSEJOS | ADVICES | CONSEILS | TIPPS CONSIGLI | CONSELHOS | СОВЕТЫ | PORADY

ALTURA | HEIGHT | HAUTEUR | HÖHE | ALTEZZA | ALTURA | ВЫСОТА | WYSOKOŚĆ

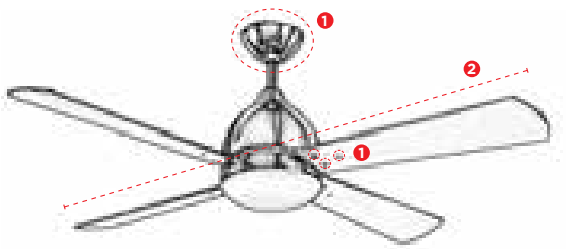






P. 881

INSTALACIÓN | INSTALLATION | INSTALLATION | INSTALLATION | INSTALLAZIONE | INSTALAÇÃO | УСТАНОВКА | INSTALACJA



❶ Fije correctamente el soporte y las palas
Fix the support and the blades correctly

❷ Utilice los contrapesos en caso de balanceo
If it is unstable,please use the counterweights

❸ Finalmente, tenga en cuenta que es necesario un período de 24h de asentamiento
Finally, please be aware that it is necessary to allow a 24-hour settling period

TIGA

NEW

BY ESTUDI RIBAUDÍ



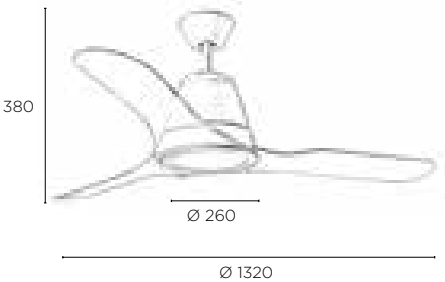
CF

30-3249-CF-M1



HALO DE LUZ
HALO LIGHT
FAISCEAU LUMINEUX
LICHTBÜNDEL
FASCIO DI LUCE
FEIXE DE LUZ
ОРЕОЛ СВЕТА
ODBLASK ŚWIATŁA

LED 91 X 0,2W = 18W | 1800 Lm(N) | 3000K





VINTAGE

NEW

BY MANEL LLUSCÀ



REVERSIBLE





Z6

30-3248-CG-E9





REVERSIBLE



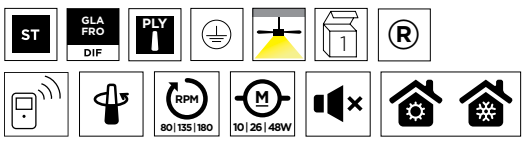


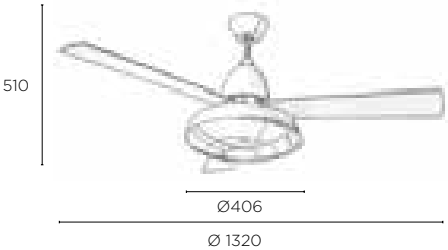
16

30-3248-16-E9



2 X E-27 MAX. 60W | L=140 MM Ø=60 MM
HALOGEN - FLUORESCENT - LED







CEOS

NEW

BY BENEDITO DESIGN

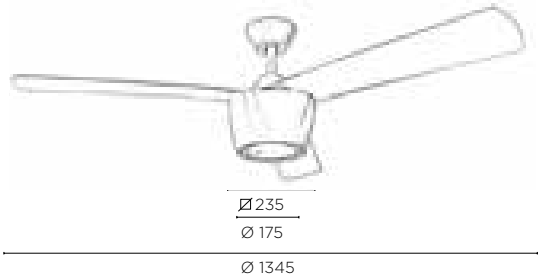


CF

30-3250-CF-M1



LED 70 X 0,2W = 14W | 1400Lm(N) | 3000K





TUPAI

BY BENEDITO DESIGN



REVERSIBLE



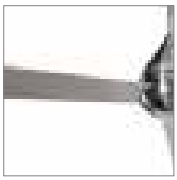


CF

30-1961-CF-CF



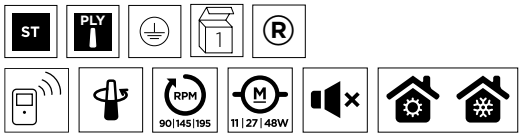
REVERSIBLE

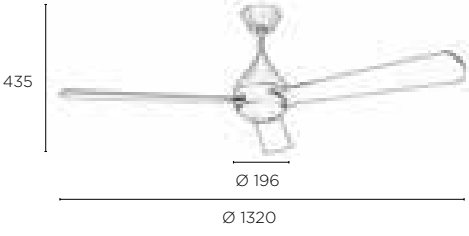




81

30-1961-81-81







RODAS

BY ESTUDI RIBAUDÍ



N3

30-1964-N3-N3

REVERSIBLE







CF

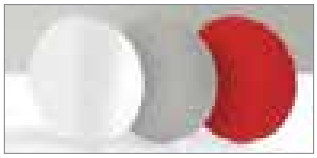
30-1964-CF-CF

REVERSIBLE





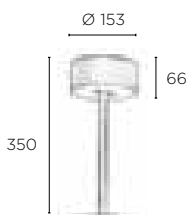
Discos de color incluidos
Colour disks included
Disques de couleur fournis
Farbfilter mitgeliefert
Dischi colorati inclusi
Discos de cor incluídos
Цветные диски включены
Zawarte kolorowe dyski



Opcional
Optional
En option
Zubehör
Opzionale
Opcional
Дополнительно
Do wyboru





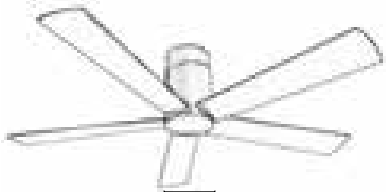


1 1

71-1964-N3-N3 | 71-1964-CF-CF

N3 ST

CF ST



AL PLY 1 R

RPM 90|135|180 M 16|29|53W



AUKENA

BY ESTUDI RIBAUDÍ



81

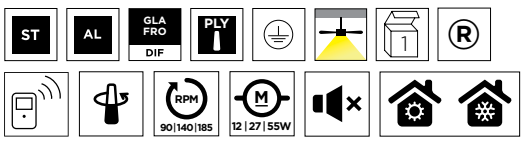
30-1965-81-E9

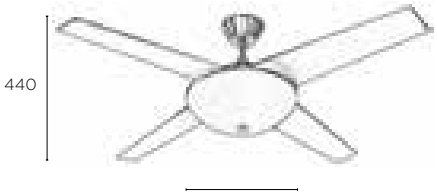
REVERSIBLE





2 X E-27 MAX. 60W | L=140 MM Ø=60 MM
HALOGEN - FLUORESCENT - LED







FORMENTERA

BY ESTUDI RIBAUDÍ



CF

30-4393-CF-M1

REVERSIBLE







N3

N3

127V 60Hz

30-4393-N3-M1 | 30-1966-N3-M1

REVERSIBLE





Kit de luz opcional
Optional lighting kit
Kit d'éclairage en option
Licht-Kit als Zubehör
Kit di luce opzionale
Kit de iluminação opcional
Дополнительный световой набор
Zestaw światła do wyboru





71-4393-CF-CF | 71-4393-N3-N3

LED

CF

N3

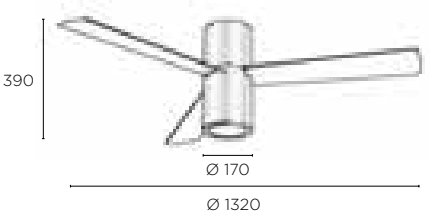
1 X AR-111 GU10 | L= Max. 104 MM Ø=111 MM | LED

1 X E27 MAX. 23W | L=140 MM Ø=56 MM
FLUORESCENT - LED

AL | ACR DIF | PLY | RPM 100|150|200 | RPM 80|140|185 | M 19|36|66W | M 14|35|50W

127 V

127 V





HAWAI



81

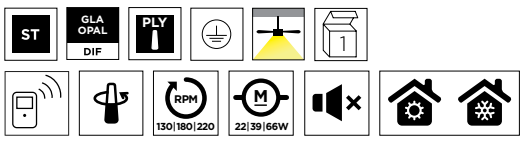
30-2854-81-F9

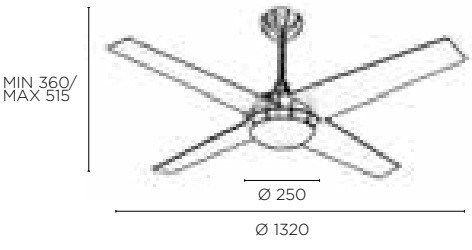
REVERSIBLE





1 X R7S MAX. 100W | L=74,9 MM | HALOGEN
INCLUDED







SAMAL



14

30-0068-14-F9

REVERSIBLE







81

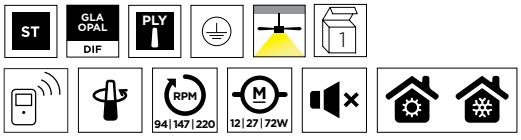
30-0068-81-F9

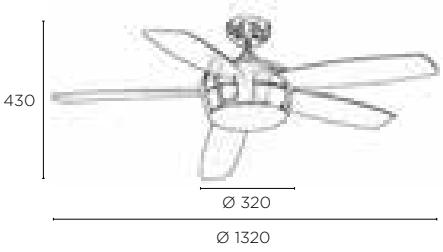
REVERSIBLE





2 X E-27 MAX. 40W | L=115 MM Ø=56 MM
HALOGEN - FLUORESCENT - LED







BAHIA

BY **BENEDITO DESIGN**



CF

30-4355-CF-M1

REVERSIBLE







81

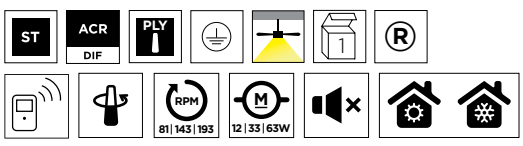
30-4355-81-M1

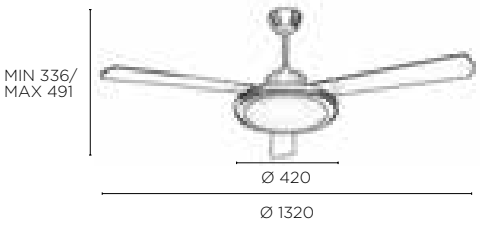
REVERSIBLE





1 X 2GX13 55W | FLUORESCENT







TWENTY

BY ESTUDI RIBAUDÍ



14 14 127V 60Hz

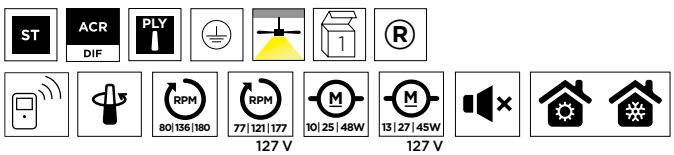
30-0013-14-M1 | 30-2009-14-M1

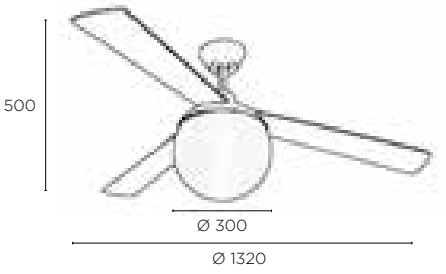
REVERSIBLE





2 X E-27 MAX. 23W | L=176 MM Ø=56 MM
FLUORESCENT - LED







BAGUR

BY ESTUDI RIBAUDÍ



REVERSIBLE





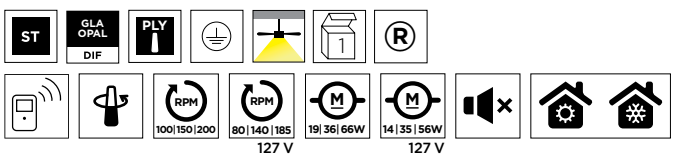
CF

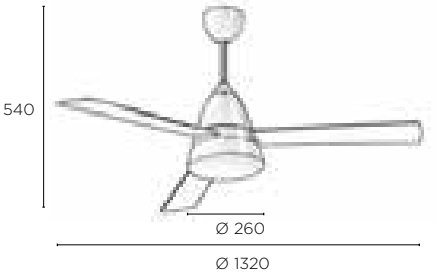
CF

127V 60Hz

30-4394-CF-F9 | 30-1975-CF-F9

2 X E-27 MAX. 40W | L=140 MM Ø=56 MM
HALOGEN - FLUORESCENT - LED







BANUS

BY FRANCESC VILARÓ



J7

J7 127V 60Hz

30-4395-J7-M1 | 30-1976-J7-M1

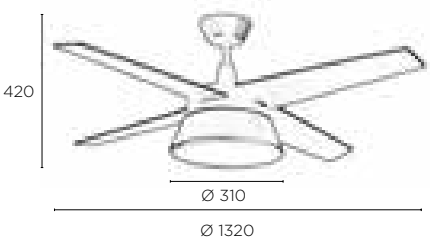
REVERSIBLE





2 X E27 MAX. 23W | L=176 MM Ø=56 MM
FLUORESCENT - LED

ST | ACR DIF | PLY | RPM 90|130|175 | RPM 80|140|180 127 V | M 18|33|63W | M 14|36|56W 127 V





TORONTO

BY **BENEDITO DESIGN**



81

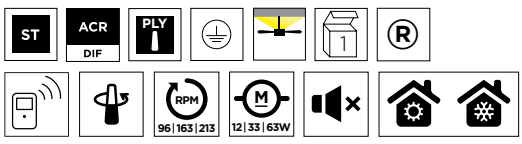
30-4354-81-M1

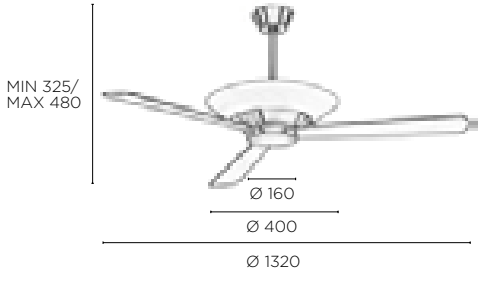
REVERSIBLE





1 X 2GX13 55W | FLUORESCENT







BELMONT

BY YAGO SARRI



81

81

127V 60Hz

30-4357-81-82 | 30-1971-81-82

+

20

AJ

PAN-146-20 | PAN-146-AJ

REVERSIBLE

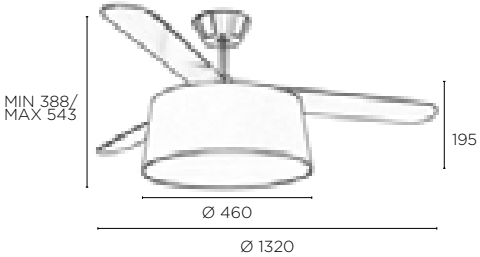




3 X E-27 MAX. 60W | L=176 MM Ø=56 MM
HALOGEN - FLUORESCENT - LED

ST | ACR DIF | COT SHADE | PLY | R

RPM 80|140|190 | RPM 85|145|195 127 V | M 19|35|50W | M 14|36|56W 127 V





PHUKET



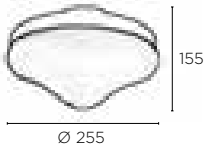
J7

30-4398-J7-J7



Simil ratán
Similar to rattan
Imitation rotin
Rattan-Nachahmung
Simil rattan
Semelhante a rotim
Под ратан
Podobny do ratanu

Kit de luz opcional
Optional lighting kit
Kit d'éclairage en option
Licht-Kit als Zubehör
Kit di luce opzionale
Kit de iluminação opcional
Дополнительный световой набор
Zestaw światła do wyboru



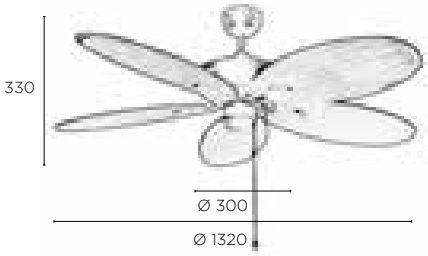


71-4398-J7-F9

2 X E-27 MAX. 60W | L=140 MM Ø=60 MM
HALOGEN - FLUORESCENT - LED

ST | GLA OPAL DIF | ABS | IP 23

P. 881





MOGAN

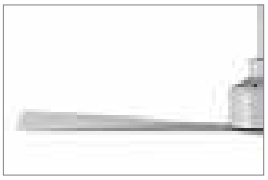
BY YAGO SARRI

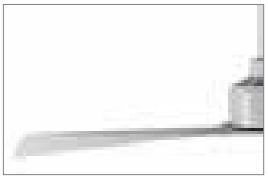


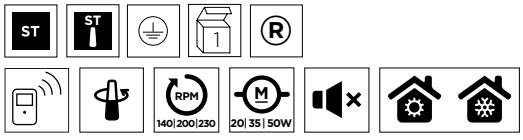
CF

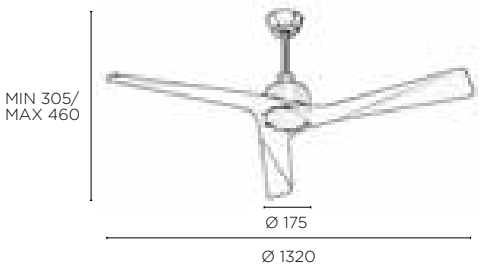
30-4356-CF-CF

REVERSIBLE











BORNEO



14

30-4399-14-F9

REVERSIBLE







81

30-4399-81-F9

REVERSIBLE







E4

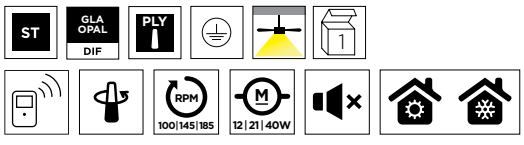
30-4399-E4-F9

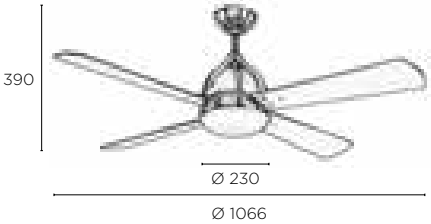
REVERSIBLE





2 X E-27 MAX. 60W | L=140 MM Ø=45 MM
HALOGEN - FLUORESCENT - LED





REVERSIBLE





J7

30-4399-J7-F9

DOMINICA



J7

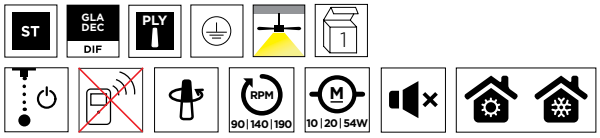
30-4405-J7-E7

REVERSIBLE

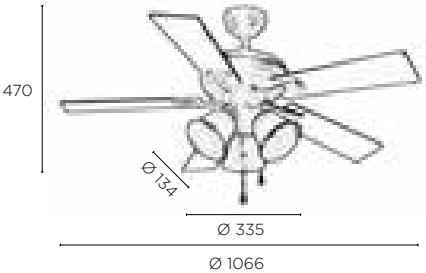




3 X E-27 MAX. 60W | L=140 MM Ø=56 MM
HALOGEN - FLUORESCENT - LED



P. 881





BOUVET



CF

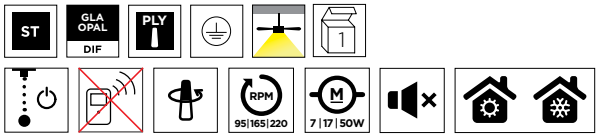
30-1854-CF-F9

REVERSIBLE

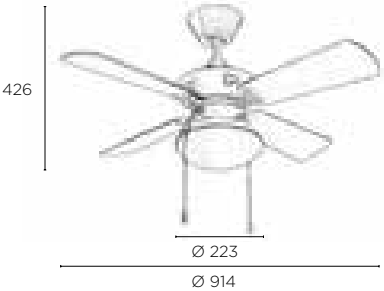




2 X E-27 MAX. 20W | L=115 MM Ø=56 MM
FLUORESCENT - LED



P. 881





JUNCAL

BY STIMULO



REVERSIBLE



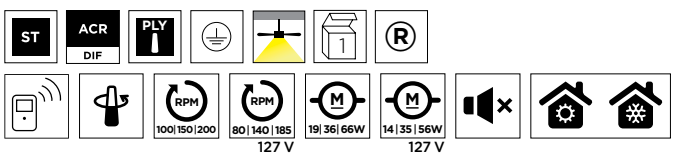


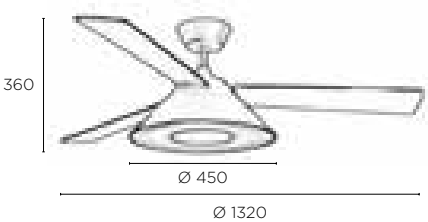
N3

N3 127V 60Hz

30-4392-N3-M1 | 30-1978-N3-M1

1 X 2GX13 55W | FLUORESCENT





MAURITIUS

BY **BENEDITO DESIGN**



N3

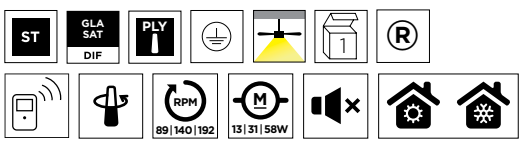
30-0009-N3-B8

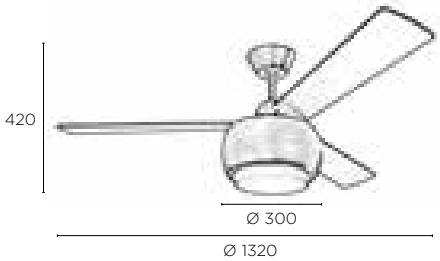
REVERSIBLE





2 X E-27 MAX. 60W| L=140 MM Ø=56 MM
HALOGEN - FLUORESCENT - LED





CORON



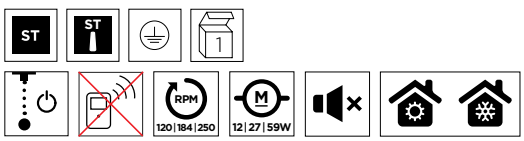
14

30-0067-14-14

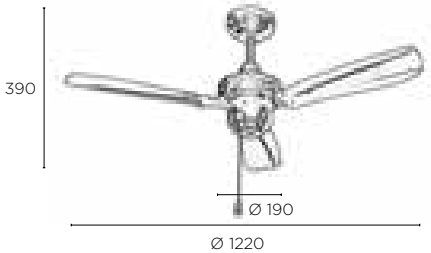


81

30-0067-81-81



P. 881

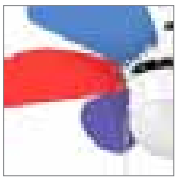


BORACAY



REVERSIBLE





CF

30-4404-CF-F9



REVERSIBLE

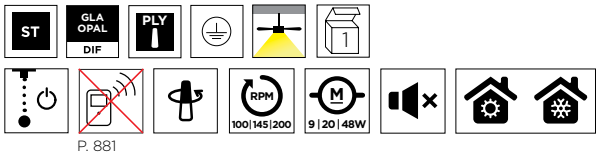




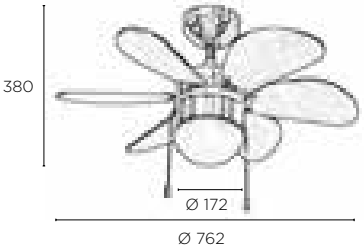
81

30-4404-81-F9

1 X G9 MAX. 60W | L=75 MM Ø=37 MM
HALOGEN - FLUORESCENT



P. 881





OUTDOOR

494-523
WALL WASHERS & SPOTLIGHTS
BAÑADORES DE PARED Y PROYECTORES
LÈCHE-MURS ET PROJECTEURS ET SPOTS
WALL WASHER UND STRAHLER
WALL WASHERS E PROIETTORI
WALL WASHERS E PROJECTORES
СВЕТОВАЯ ЗАЛИВКА СТЕН И ПРОЖЕКТОРЫ
REFLEKTORY OPRAWY TYPU WALL WASHERS

524-593
WALL FIXTURES
APLIQUES
APPLIQUES
WANDLEUCHTEN
APPLIQUE
APLIQUES
НАСТЕННЫЕ
KINKIETY

594-613
CEILING
TECHO
PLAFONNIERS
DECKENLEUCHTEN
PLAFONIERE
TECTO
ПОТОЛОЧНЫЕ
SUFITOWE

614-655
RECESSED
EMPOTRADOS
ENCASTRÉS
EINBAULEUCHTEN
INCASSI
ENCASTRÁVEIS
ВСТРАИВАЕМЫЕ
WPUSZCZANE

656-661
SUBMERSIBLE
SUMERGIBLES
SUBMERSIBLES
VERSENKBARE LEUCHTEN
LUCI SOMMERGIBILI
SUBMERSÍVEIS
ПОГРУЖАЕМЫЕ В ВОДУ
ZANURZALNE

662-673
CHILL-OUT
CHILLOUT
CHILLOUT
CHILLOUT-BELEUCHTUNG
CHILLOUT
CHILLOUT
ДЛЯ ЗОНЫ ОТДЫХА
CHILLOUT

674-683
LANTERNS
SOBREMUROS
BORNES
SOCKELLEUCHTEN
LANTERNE DA GIARDINO
SOBREMUROS
ПАРКОВЫЕ СТОЛБЫ
LATARNIE

684-719
BOLLARDS
BALIZAS
BALISES
POLLERLEUCHTEN
FARI
PIMENTEIROS
НАЗЕМНЫЕ СТОЛБЫ
SŁUPKI

720-729
STREET LIGHTS
FAROLAS
RÉVERBÈRES
MASTLEUCHTEN
LAMPIONI
POSTES DE ILUMINAÇÃO
ФОНАРИ
LAMPY ULICZNE

730-807
URBAN LIGHTING
ILUMINACIÓN URBANA
ÉCLAIRAGE URBAIN
STRASSENLEUCHTEN
ILLUMINAZIONE URBANA
ILUMINAÇÃO PÚBLICA
ГОРОДСКОЕ ОСВЕЩЕНИЕ
OŚWIETLENIE MIEJSKIE





CONVERT NEW

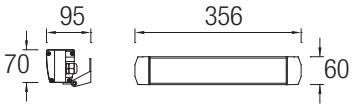
05-9749-54-37

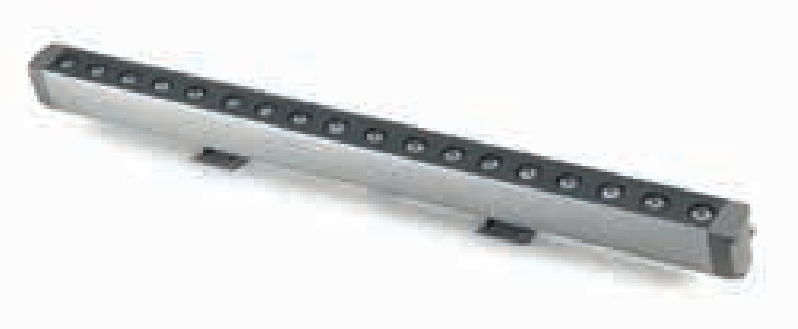
6 LED CREE 110-230V 13W 1122lm(N)
Neutral white 4000K

IP 65 IK 07

MEAN WELL

AL EXTR | GLA TRAN DIF | ±90° | 40x9° | 4 | ® | FILTER 3000K | DIFFUSER FILTER | N WHITE | W WHITE





CONVERT NEW

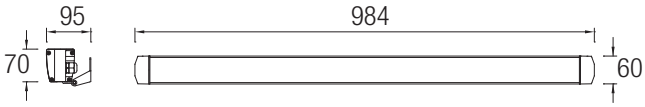
05-9750-54-37

18 LED CREE 110-230V 40W 3366lm(N)
Neutral white 4000K

IP 65 IK 07

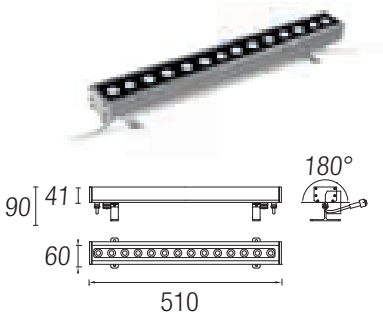
MEAN WELL

AL EXTR | GLA TRAN DIF | ±90° | 40x9° | 4 | ® | FILTER 3000K | DIFFUSER FILTER | N WHITE | W WHITE





ARENAS SHOPPING CENTER. BARCELONA, SPAIN.



TRON NEW

05-1546-54-H6

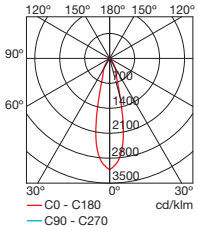
14 LED CREE 24 VDC 14W 2380 lm(N)
Neutral white 4000K

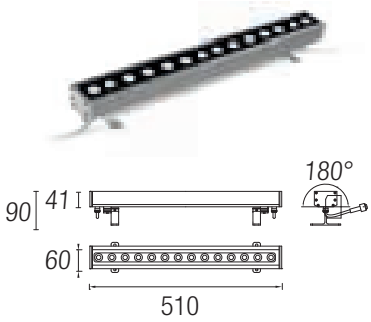
IP 65 | IK 05 | RF 850°C

P.868 Dimming

AL | UVA GLA DIF | 180° | 30x15° | 9 | N WHITE

LED 14W





TRON NEW

05-1547-54-H6

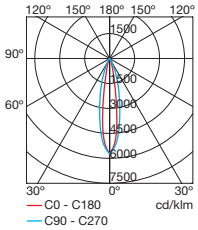
14 LED CREE 24 VDC 14W 2023 lm(N)
Warm white 3000K

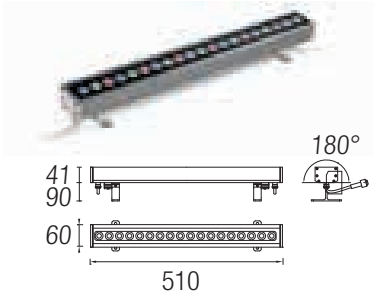
IP 65 | IK 05 | RF 850°C

P.868 Dimming

AL | UVA GLA DIF | 180° | 30x15° | 9 | W WHITE

LED 14W





TRON NEW

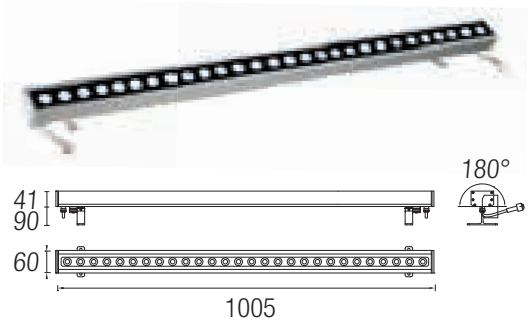
05-1544-54-H6

18 LED CREE 24 VDC 30W 1465 lm(N) RGB

IP 65 | IK 05 | RF 850°C

P.868 Dimming

AL | UVA GLA DIF | 180° | 30x15° | 9 | RGB LIGHT



TRON NEW

05-1549-54-H6

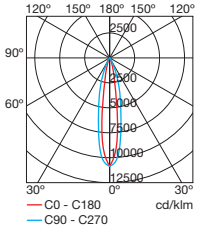
28 LED CREE 24 VDC 48W 4760 lm(N)
Neutral white 4000K

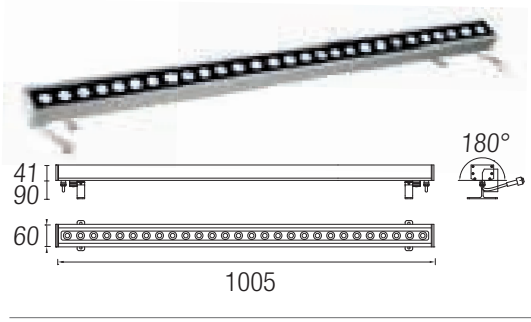
IP 65 | IK 05 | RF 850°C

P.868 Dimming

AL | UVA GLA DIF | 180° | 30x15° | 9 | N WHITE

LED 48W





TRON NEW

05-1552-54-H6

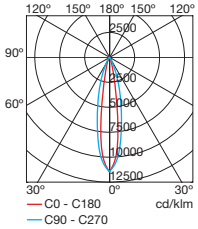
28 LED CREE 24 VDC 48W 4046 lm(N)
Warm white 3000K

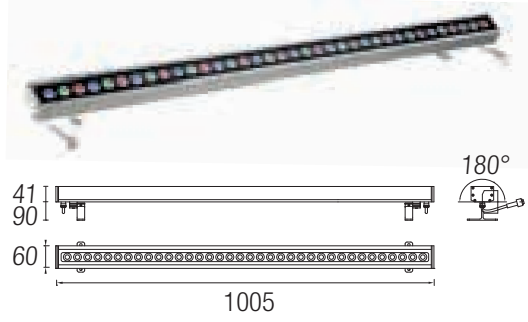
IP 65 | IK 05 | RF 850°C

P.868 Dimming

AL | UVA GLA DIF | 180° | 30x15° | 9 | W WHITE

LED 48W





TRON NEW

05-1548-54-H6

36 LED CREE 24 VDC 60W 3768 lm(N) RGB

IP 65 | IK 05 | RF 850°C

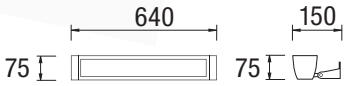
P.868 Dimming

AL | UVA GLA DIF | 180° | 30x15° | 9 | RGB LIGHT



FRONDA GARDEN CENTER. MADRID, SPAIN.





HECATE

05-9264-Z5-37

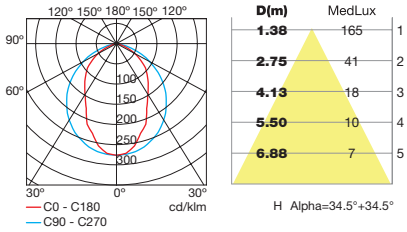
T5 24W Fluorescent 230V

IP 65 IK 07

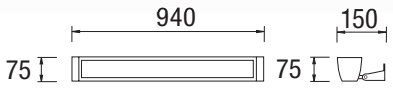
BAG

AL EXTR | GLA TRAN DIF | +45° -90° | 2

T5 24W







HECATE

05-9265-Z5-37

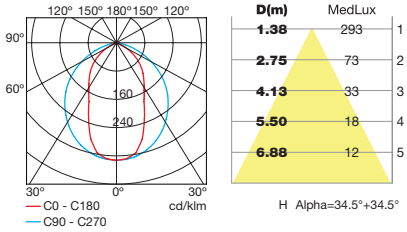
T5 39W Fluorescent 230V

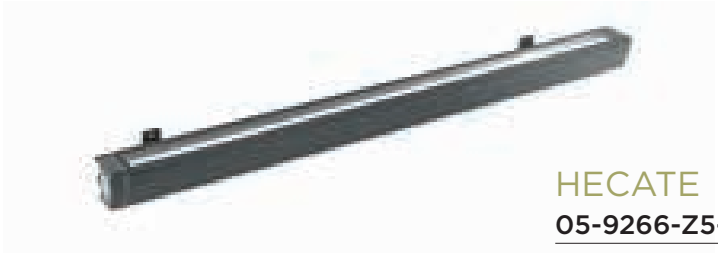
IP 65 IK 07

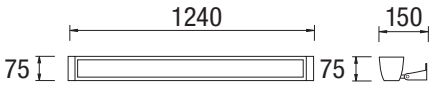
BAG

AL EXTR | GLA TRAN DIF | +45° -90° | 2

T5 39W







HECATE

05-9266-Z5-37

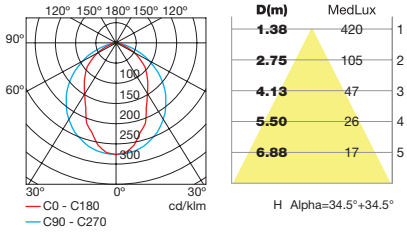
T5 54W Fluorescent 230V

IP 65 IK 07

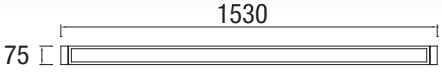
BAG

AL EXTR | GLA TRAN DIF | +45° -90° | 2

T5 54W









HECATE

05-9439-Z5-37

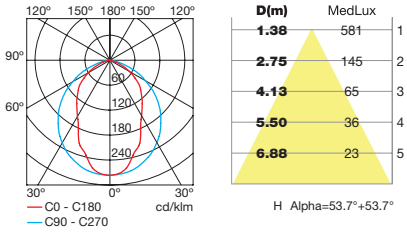
T5 80W Fluorescent 230V

IP 65 IK 07

BAG

AL EXTR | GLA TRAN DIF | +45° -90° | 2

T5 80W

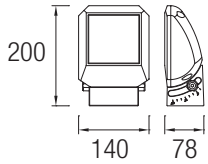




Accesorios para fijación en pared o techo incluidos.
Accessories for wall or ceiling fitting included.
Accessoires de fixation murale ou au plafond inclus.
Zubehöre zur Befestigung an Wänden und Decken inklusive.
Accesori per fissaggio nella parete o tetto inclusi.
Acessórios para a fixação em parede ou tecto incluídos.
Настенный или потолочный крепеж в комплекте.
Akcesoria do montażu na ścianie/suficie w komplecie







POMPEYA NEW

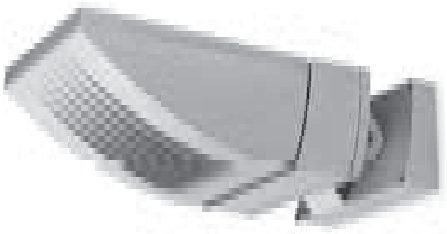
05-9751-34-37

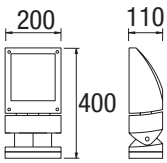
LED SEOUL 220-240V 16W 1200lm(N)
Neutral white 4000K

IP 65

AL INJ | GLA TRAN DIF | 30° | 8 | N WHITE

P. 725





POMPEYA

05-9537-34-37 35W
05-9538-34-37 70W
05-9539-34-37 150W

G12 HID 230V

IP 65 | IK 08 | 0,5m

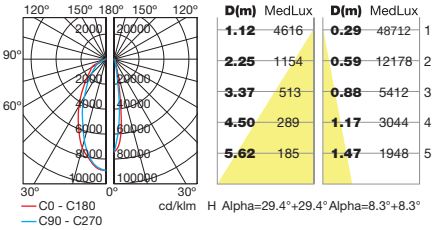
PHILIPS

AL INJ | GLA HARD DIF | ±45° | 16° | 60° | 2 | ®

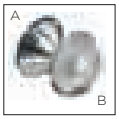
P. 725

Reflector B Reflector A

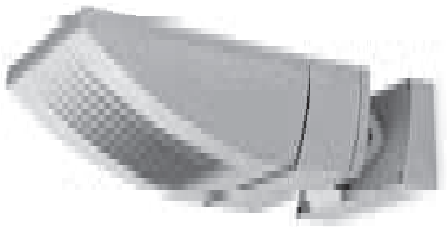
G12 150W

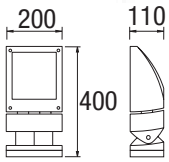






2 reflectores incluidos.
2 reflectors included.
2 réflecteurs inclus.
2 Reflektore inklusive.
2 riflettori inclusi.
2 reflectores incluídos
Прилагаются 2 отражателя.
2 odbłyśniki w komplecie





POMPEYA

05-9254-34-37

2 x GX24q-3 26W Fluorescent 230V

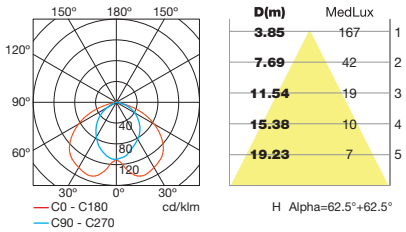
IP 65 | IK 08 | 0,5m

BAG

AL INJ | GLA HARD DIF | ±45° | 2 | ®

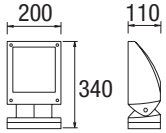
P. 725

2 x GX24q-3 26W









POMPEYA

05-9251-34-37

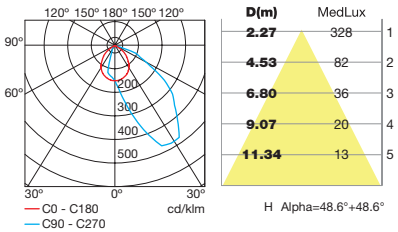
R7s L=118 max. 300W Halogen

IP 65 | IK 08 | RF 850°C | 0,5m

AL INJ | GLA HARD DIF | ±45° | 4 | ®

P. 725

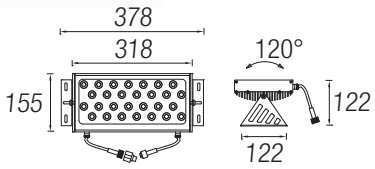
R7s 300W





METROPOL PARASOL SPACE. SEVILLA, SPAIN.





RAY NEW

05-2494-54-H6

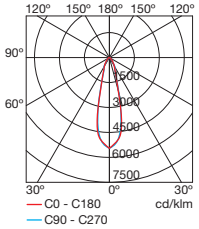
28 LED CREE 24 VDC 48W 4760 lm(N)
Neutral white 5500K

IP 65 | IK 07 | RF 850°C

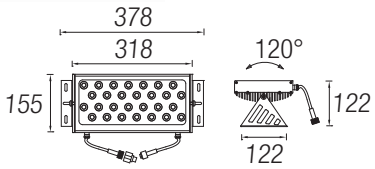
P.868 | Dimming

AL | UVA GLA DIF | 60° 60° | 25° | 6 | N WHITE

LED 48W







RAY NEW

05-2499-54-H6

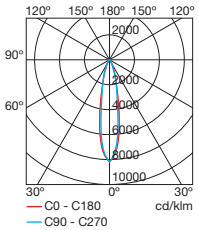
28 LED CREE 24 VDC 48W 4046 lm(N)
Warm white 2900K

RF 850°C | CE | IP 65 | IK 07

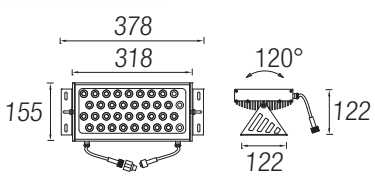
P.868 | Dimming

AL | UVA GLA DIF | 60° 60° | 25° | 6 | W WHITE

LED 48W







RAY NEW

05-2498-54-H6

36 LED CREE 24 VDC 60W 3768 lm(N)
RGB

RF 850°C | CE | IP 65 | IK 07

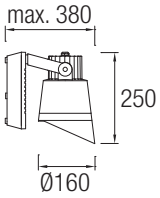
P.868 | Dimming

AL | UVA GLA DIF | 60° 60° | 25° | 6 | RGB LIGHT



CROWNE PLAZA HOTEL. LIÈGE, BELGIUM





HUBBLE

05-9626-34-37

9 LED PHILIPS 100-240V 19W 1305lm(N)
Warm white 3000K

IP 65 | IK 05 | 0,5m

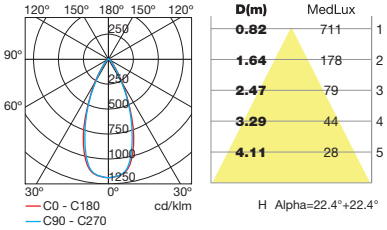
TCI | 1..10V | DALI | PUSH

AL PUR | GLA TRAN DIF | ±90º | 360º | 44º | 2 | ®

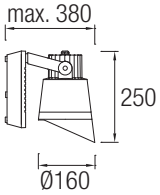
W WHITE

Ópticas de 8º y 28º disponibles bajo pedido./ Lenses of 8º and 28º available upon request / Lentilles de 8 º et 28 º disponibles sur commande./ 8º- und 28º-Linsen auf Anfrage. / Lenti di 8º e 28º disponibili su richiesta./ Elementos óticos de 8º e 28º disponíveis sob pedido. / Оптика 8º и 28º может быть установлена по заказу клиента./ Układy optyczne 8º i 28º dostępne na zamówienie.

LED 19W







HUBBLE

05-9627-34-37

9 LED PHILIPS 100-240V 19W 1845lm(N)
Neutral white 4000K

IP 65 | IK 05 | 0,5m

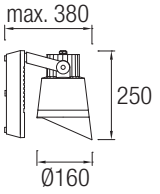
TCI | 1..10V | DALI | PUSH

AL PUR | GLA TRAN DIF | ±90º | 360º | 44º | 2 | ®

N WHITE

Ópticas de 8º y 28º disponibles bajo pedido./ Lenses of 8º and 28º available upon request / Lentilles de 8 º et 28 º disponibles sur commande./ 8º- und 28º-Linsen auf Anfrage. / Lenti di 8º e 28º disponibili su richiesta./ Elementos óticos de 8º e 28º disponíveis sob pedido. / Оптика 8º и 28º может быть установлена по заказу клиента./ Układy optyczne 8º i 28º dostępne na zamówienie.





HUBBLE

05-9628-34-37

9 LED PHILIPS 100-240V 19W
RGB

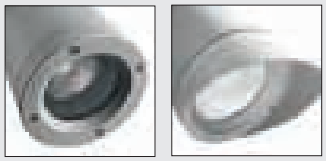
IP 65 | IK 05 | 0,5m

MEANWELL+DMX controller

AL PUR | GLA TRAN DIF | ±90º | 360º | 44º | 2 | ®

RGB LIGHT

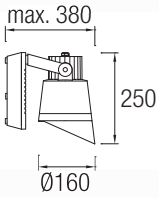
Ópticas de 8º y 28º disponibles bajo pedido./ Lenses of 8º and 28º available upon request / Lentilles de 8 º et 28 º disponibles sur commande./ 8º- und 28º-Linsen auf Anfrage. / Lenti di 8º e 28º disponibili su richiesta./ Elementos óticos de 8º e 28º disponíveis sob pedido. / Оптика 8º и 28º может быть установлена по заказу клиента./ Układy optyczne 8º i 28º dostępne na zamówienie.



Visera incluida
Visor included
Visière comprise
einschl. Schirm
Visiera inclusa
Viseira incluída
Прилагается защитный козырек
Osłona w komplecie







HUBBLE

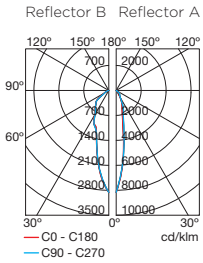
05-9501-34-37

G8,5 35W HID 230V

IP 65 | IK 05 | 0,5m

OSRAM

AL PUR | GLA TRAN DIF | ±90º | 360º | 28º | 18º | 2 | ®

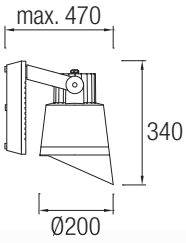


G8,5 35W

D(m)	MedLux	D(m)	MedLux	
0.50	1668	0.29	4860	1
1.00	417	0.58	1215	2
1.50	185	0.87	540	3
2.00	104	1.17	304	4
2.49	67	1.46	194	5

H Alpha=14.0°+14.0° Alpha=8.3°+8.3°





HUBBLE

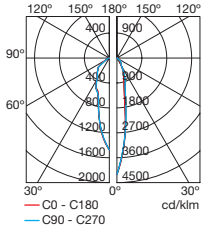
05-9474-34-37

G12 70W HID 230V

IP 65 | IK 05 | 0,5m

OSRAM

AL PUR | GLA TRAN DIF | ±90º | 360º | 53º | 25º | 2 | ®

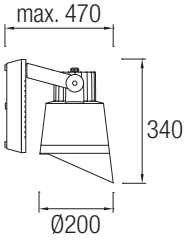


G12 70W

D(m)	MedLux	D(m)	MedLux	
1.05	1709	0.46	6513	1
2.09	427	0.92	1628	2
3.14	190	1.38	724	3
4.18	107	1.85	407	4
5.23	68	2.31	261	5

H Alpha=26.5°+26.5° Alpha=12.7°+13.3°





HUBBLE

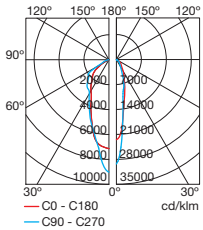
05-9502-34-37

G12 150W HID 230V

IP 65 | IK 05 | 0,5m

OSRAM

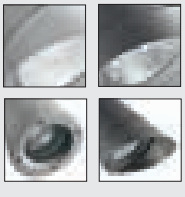
AL PUR | GLA TRAN DIF | ±90º | 360º | 53º | 25º | 2 | ®

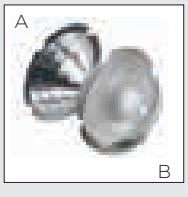


G12 150W

D(m)	MedLux	D(m)	MedLux	
1.05	3742	0.46	14262	1
2.09	936	0.92	3565	2
3.14	416	1.38	1585	3
4.18	234	1.85	891	4
5.23	15	2.31	570	5

H Alpha=26.5°+28.5° Alpha=12.7°+13.3°



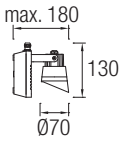


Visera incluida + 2 reflectores incluidos
Visor included + 2 reflectors included
Visière comprise + 2 réflecteurs compris
einschl. Schirm + 2 Reflektoren
Visiera inclusa + 2 riflettori inclusi
Viseira incluída + 2 reflectores incluídos
Прилагается защитный козырек + 2 отражателя
Osłona + 2 odbłyśniki w komplecie



PANS & COMPANY SABADELL. BARCELONA, SPAIN.





HUBBLE

05-9647-34-37

05-9647-Z5-37

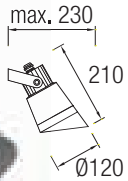
3 LED CREE 100-240V 6,5W 564lm(N)
Neutral white 4000K

IP 65 | IK 06

EAGLE RISE

AL PUR | GLA TRAN DIF | ±90° | 360° | 40° | 6 | ® | FILTER 3000K | DIFFUSER FILTER | N WHITE | W WHITE





HUBBLE

05-9416-34-37

05-9416-Z5-37

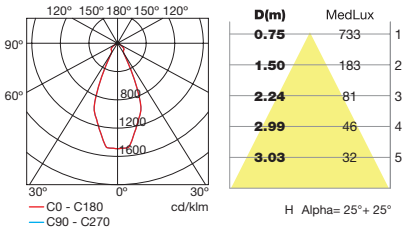
GU-10 max. 50W / max. L= 80mm
Halogen - Fluorescent - LED

IP 65 | IK 06 | 0,5m

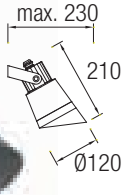
OSRAM 50W

AL PUR | GLA TRAN DIF | ±90° | 8 | ® |

GU-10 50W







HUBBLE NEW

05-9722-05-37

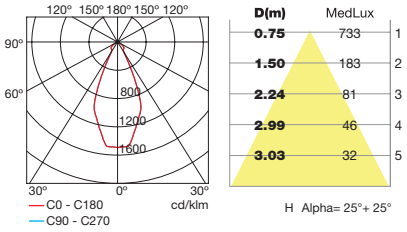
GU-10/MR-16 max. 50W / max. L= 80mm
Halogen - Fluorescent - LED

IP 65 | IK 06 | 0,5m

TEC POLI | GLA TRAN DIF | ±90° | 12 | ®

Incluye 2 portalámparas: GU10 y GU5.3 (MR16). / Includes 2 lampholders: GU10 and GU5.3 (MR16). / 2 douilles fournies: GU10 et GU5.3 (MR16). / Einschließlich 2 Fassungen: GU10 und GU5.3 (MR16). / Comprende 2 portalampade: GU10 e GU5.3 (MR16). / Inclui 2 suportes de casquilho: GU10 e GU5.3 (MR16). / В набор включены 2 патрона GU10 и GU5.3 (MR16)./ Zawiera 2 oprawki: GU10 i GU5.3 (MR16).

GU-10 50W





HUBBLE

05-9553-34-37

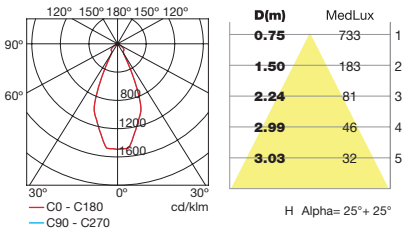
05-9553-Z5-37

2 x GU-10 max. 50W / max. L= 80mm
Halogen - Fluorescent - LED

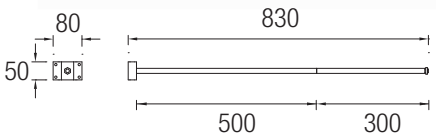
IP 65 | IK 06 | 0,5m

AL PUR | GLA TRAN DIF | ±90° | 360° | 4 | ® |

GU-10 50W







71-9487-34-34

71-9487-Z5-Z5

Accesorio para / Accessory for / Accessoire pour / Zubehör für / Accessorio per / Acessório para / Принадлежность для / Akcesorium do **05-9416, 05-9722**

10



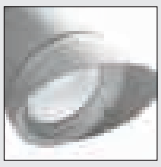


71-9746-05-05 NEW

Accesorio para / Accessory for / Accessoire pour / Zubehör für / Accessorio per / Acessório para / Принадлежность для / Akcesorium do **05-9416, 05-9722**

100





Visera incluida
Visor included
Visière comprise
einschl. Schirm
Visiera inclusa
Viseira incluída
Прилагается защитный козырек
Osłona w komplecie



La inducción es la fuente de luz idónea para la iluminación de grandes áreas.
• Encendido inmediato y compatible con sensores crepusculares o de presencia.
• Alta eficiencia lumínica (>80 lm/W).
• Lámpara de larga vida útil (>100.000h), permitiendo reducir los costes de mantenimiento frente a las lámparas de descarga.
• Precio competitivo frente a la iluminación LED.
• Numerosas aplicaciones: instalaciones deportivas, parkings, muelles de carga, túneles, iluminación arquitectónica y comercial.

Induction is a suitable light source for the illumination of large areas.
• Immediate turn on and compatible with twilight or presence sensors.
• High luminous efficiency (>80 lm/W).
• Long lamp service life (>100,000 h), enabling you to reduce maintenance costs when comparing this lighting to discharge lamps.
• Competitive price compared to that of LED lighting.
• Numerous applications: sports facilities, parking garages, loading docks, tunnels, architectural and commercial lighting.

L'induction est la source de lumière idéale pour éclairer de vastes surfaces.
• Allumage immédiat et compatible avec capteurs crépusculaires ou de présence.
• Efficience lumineuse élevée (>80 lm/W).
• Lampe à longue durée de vie utile (>100 000 h), ce qui permet de réduire les coûts d'entretien face aux lampes à décharge.
• Prix compétitif par rapport à l'éclairage LED.
• Nombreuses applications : installations sportives, parkings, quais de chargement, tunnels, éclairage architectural et commercial.

Induktion ist die geeignete Lichtquelle zur Beleuchtung großer Zonen.
•unmittelbares Einschalten und Kompatibilität mit Dämmerungssensoren und Bewegungsmeldern
•hohe Leuchtleistung (>80 lm/W)
•Lampe mit langer Lebensdauer (>100.000 Std.) und dadurch geringere Instandhaltungskosten im Vergleich zu Gasentladungslampen
•Preisvorteil gegenüber LED-Beleuchtung
•Vielfältig einsetzbar: Sportanlagen, Parkplätze, Laderampen, Tunnel, architektonische Beleuchtung und Einzelhandel

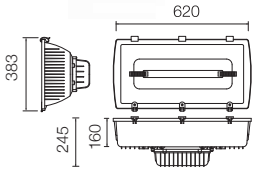
L'induzione è la fonte di luce adatta all'illuminazione di grandi aree.
• Accensione immediata e compatibile con sensori crepuscolari o di presenza.
• Alta efficienza luminosa (>80 lm/W).
• Lampada di lunga vita utile (>100.000h) che consente di ridurre i costi di manutenzione se paragonata alle lampade a scarica.
• Prezzo competitivo rispetto all'illuminazione LED.
• Numerose applicazioni: installazioni sportive, parcheggi, banchine di carico, gallerie, illuminazione architettonica e commerciale.

A indução eletromagnética é a fonte de luz ideal para a iluminação de grandes áreas.
•Acendimento imediato e compatível com sensores crepusculares ou de presença.
•Alta eficiência luminosa (>80 lm/W).
•Lâmpada de longa vida útil (>100 000h) que permite reduzir os custos de manutenção comparativamente às lâmpadas de descarga.
•Preço competitivo comparativamente à iluminação LED.
•Numerosas aplicações: instalações desportivas, parques de estacionamento, cais, túneis, iluminação arquitetónica e comercial, etc.

Индукция — это источник света, пригодный для освещения больших площадей.
•Мгновенное зажигание и совместимость с сумеречными датчиками или датчиками присутствия.
•Высокая светоотдача (> 80 лм/Вт).
•Лампа с долговечным сроком службы (> 100 000 ч), что позволяет снизить затраты на техническое обслуживание по сравнению с газоразрядными лампами.
•Конкурентная цена по сравнению со светодиодным освещением.
•Широкое использование: спортивные залы, автостоянки, доки, туннели, архитектурное и коммерческое освещение.

Indukcja jest odpowiednim źródłem światła dla oświetlenia dużych powierzchni.
• Natychmiastowe zapalenie i kompatybilne z czujnikami zapadania zmierzchu lub obecności.
• Wysoka wydajność świetlna (>80 lm/W).
• Lampy o długim okresie eksploatacji (>100.000h), pozwalające na zmniejszenie kosztów utrzymania w porównaniu z lampami wyładowczymi.
• Konkurencyjna cena w porównaniu z oświetleniem ledowym.
• Liczne zastosowania: obiekty sportowe, parkingi, rampy przeładunkowe, tunele, oświetlenie architektoniczne i handlowe.





INDUCTION

80-1424-BP-H6 (S)

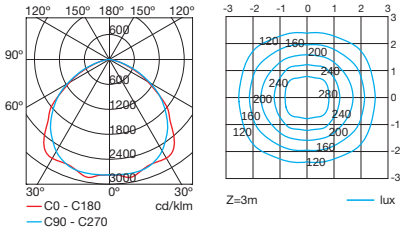
150W 100-240V 50-60Hz 8.290lm(R)
Cool white 5000K

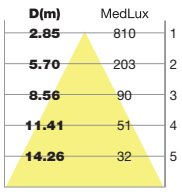
IP 65 | IK 08 | 100.000 h | 5 YEARS

+ 150W

AL INJ | GLA HARD DIF | ±45° | 1 | HIGH | C WHITE

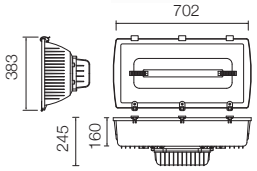
IND 150W
ULOR inst = 0,00%





H Alpha= 55° + 55°





INDUCTION

80-1506-BP-H6 (S)

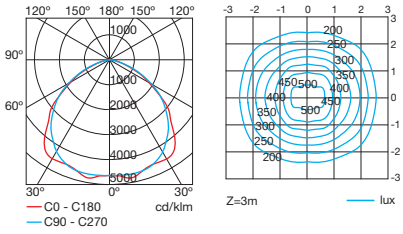
250W 100-240V 50-60Hz 13.850lm(R)
Cool white 5000K

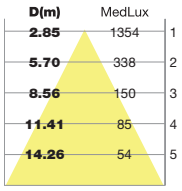
IP 65 | IK 08 | 100.000 h | 5 YEARS

+ 250W

AL INJ | GLA HARD DIF | ±45° | 1 | HIGH | C WHITE

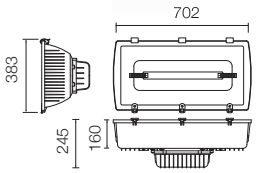
IND 250W
ULOR inst = 0,00%





H Alpha= 55° + 55°





INDUCTION

80-1423-BP-H6 (S)

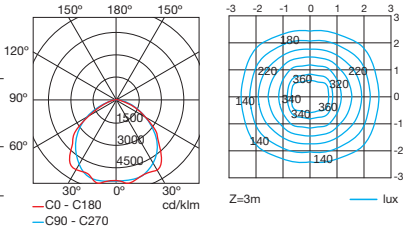
300W 100-240V 50-60Hz 16.050lm(R)
Cool white 5000K

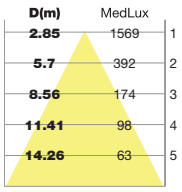
IP 65 | IK 08 | 100.000 h | 5 YEARS

+ 300W

AL INJ | GLA HARD DIF | ±45° | 1 | HIGH | C WHITE

IND 300W
ULOR inst = 0,00%



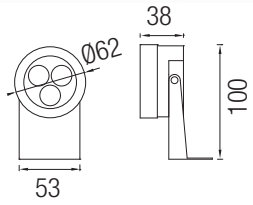


H Alpha= 55° + 55°

Disponible bajo pedido en otras temperaturas de color.
Available on order in other colour temperatures.
Disponible sur commande dans d'autres températures de couleur.
Auf Anfrage auch mit anderen Farbtemperaturen lieferbar.
Disponibile su richiesta in altre temperature di colore.
Disponível noutras temperaturas de cor, mediante pedido.
На заказ поставляется других оттенков света
Dostępny na zamówienie w innych temperaturach koloru.







MIDI

05-3358-N3-37

3 LED CREE 350 mA / max. 700 mA max. 7,1W
510lm(N) Neutral white 4000K

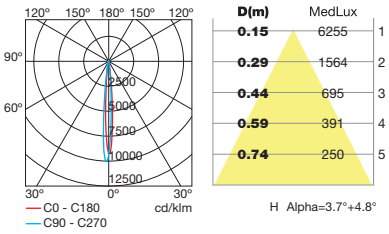
IP 65 · RF 850°C

P. 862-863

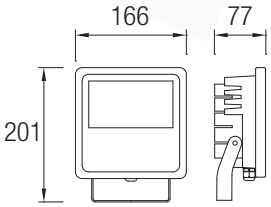
Dimming · 1,4 m

AL · GLA DIF · 360° · 180° · 15° · 20 · N WHITE

LED 7,1W







PROY NEW

05-9739-05-37

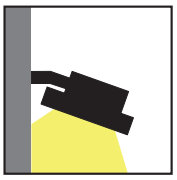
LED CITIZEN 100-240V 20W 2000 lm(N)
Warm white 3000K

IP 65 · IK 08 · RF 850°C · 0,5m · 5 YEARS

EAGLE RISE

TEC POLI · AL EXTR · GLA DIF · +120° / -20° · 120° · 6 · W WHITE

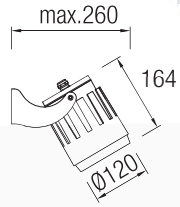












POWELL NEW

05-9731-34-37

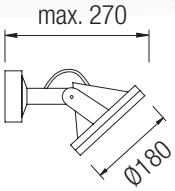
9 LED CREE 220-240V 20W 1863lm(N)
Neutral white 4000K

IP 65 | IK 08 | 0,5m

EAGLE RISE

AL PUR | GLA TRAN DIF | ±90° | 11° | 4 | FILTER 3000K | DIFFUSER FILTER | N WHITE | W WHITE





SKADE

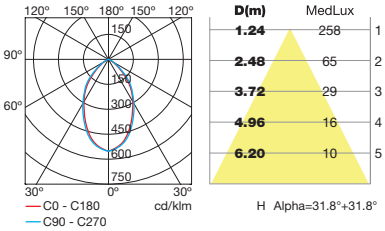
05-9580-34-37

LED PHILIPS FORTIMO 230V 14,5W 850lm(N)
Neutral white 4000K

IP 65 | IK 08

AL INJ | GLA HARD DIF | ±90° | 360° | 62° | 2 | N WHITE

LED 14,5W





SHULL

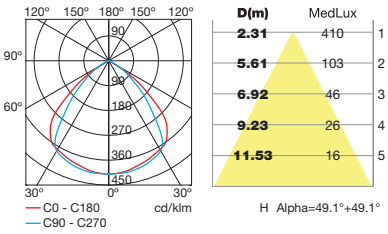
05-9652-34-M2 3000K 1456 lm(N)
05-9598-34-M2 4000K 1656 lm(N)

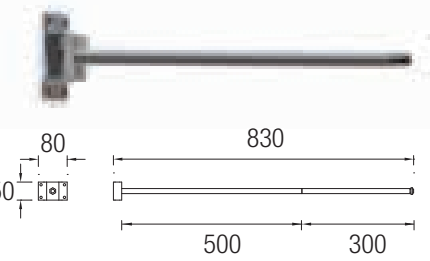
8 LED CREE 110-240V 17W

IP 64

AL | PC | PC TRAN DIF | ±90° | 8 | W WHITE | N WHITE

LED 17W

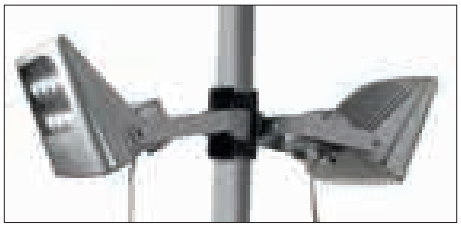




71-9487-34-34

Accesorio para / Accessory for / Accessoire pour / Zubehör für / Accessorio per / Acessório para / Принадлежность для / Akcesorium do **05-9598, 05-9652**

100





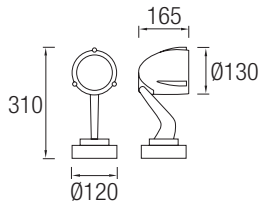
71-9746-05-05 NEW

Accesorio para / Accessory for / Accessoire pour / Zubehör für / Accessorio per / Acessório para / Принадлежность для / Akcesorium do **05-9598, 05-9652**

100







ALIEN

05-9296-34-37

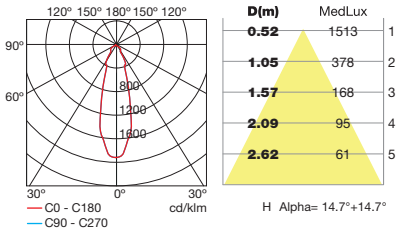
05-9296-Z5-37

Par-30 E-27 max. 75W / max. L=90mm Ø=97mm
Halogen - Fluorescent - LED

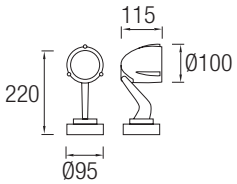
IP 65 | IK 05

AL PUR | GLA TRAN DIF | +180° -15° | 360° | 4 | ®

Par-30 75W







ALIEN

05-9327-34-37

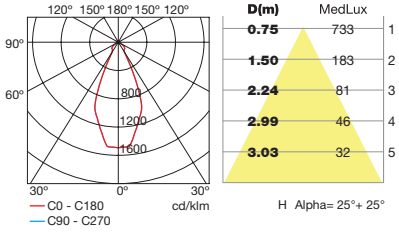
05-9327-Z5-37

GU-10 max. 50W / max. L=65mm
Halogen - Fluorescent - LED

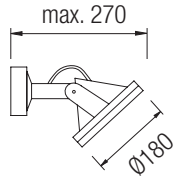
IP 65 | IK 05

AL PUR | GLA TRAN DIF | +180° -15° | 360° | 8 | ®

GU-10 50W







SKADE

05-9107-34-37

05-9107-Z5-37

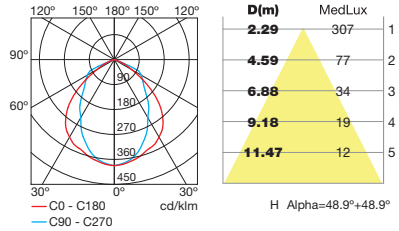
R7s L=78 max. 150W

IP 65 | IK 08 | 0,3m

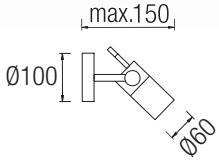
150W OSRAM

AL INJ | GLA HARD DIF | ±90° | 360° | 2 | ®

R7s 150W







EOLO

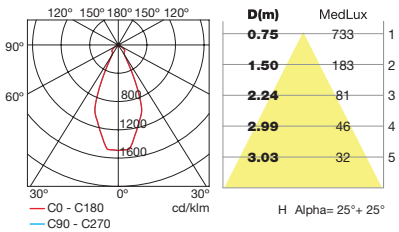
05-9122-Y4-37

GU-10 max. 50W / max. L= 70mm
Halogen - Fluorescent - LED

IP 54 | RF 850°C | 0,2m

INOX AISI 304 | GLA HARD DIF | ±90° | 12

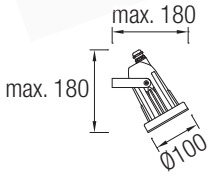
GU-10 50W



INOX
p.889







HELIO

05-9640-05-37
05-9640-14-37
05-9640-34-37

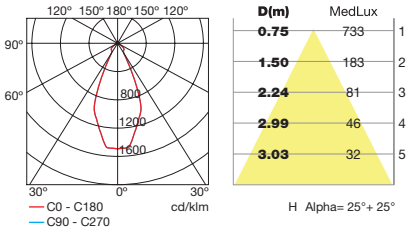
GU-10 max. 50W / max. L= 80mm
Halogen - Fluorescent - LED

IP 65 | IK 08 | RF 850°C | 0,5m

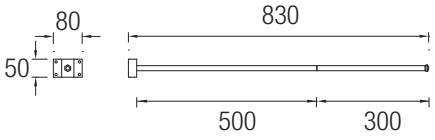
PHILIPS 50W

AL INJ | GLA HARD DIF | ±90° | 12

GU-10 50W



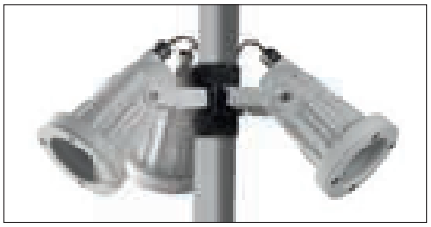




71-9487-34-34
71-9487-Z5-Z5

Accesorio para / Accessory for / Accessoire pour / Zubehör für / Accessorio per / Acessório para / Принадлежность для / Akcesorium do **05-9640**

10



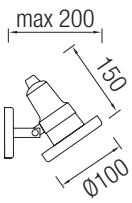


71-9746-05-05 NEW

Accesorio para / Accessory for / Accessoire pour / Zubehör für / Accessorio per / Acessório para / Принадлежность для / Akcesorium do **05-9640**

100





HELIO NEW

05-9310-CA-37

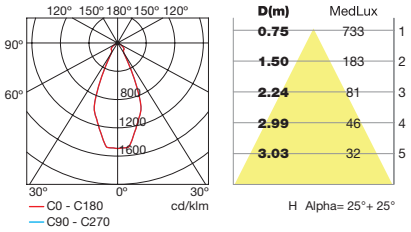
GU-10 max. 50W / max. L= 80mm
Halogen - Fluorescent - LED

IP 67 | IK 08 | RF 850°C | 0,5m

OSRAM 50W

INOX AISI 316 | GLA HARD DIF | 360° | ±90° | 8

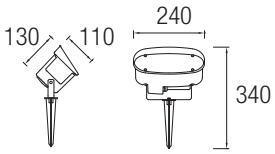
GU-10 50W



INOX
p.889







ESPARTA

55-9349-Z5-M3

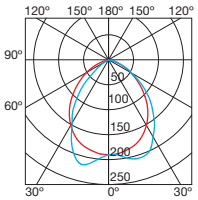
G24d-3 26W Fluorescent 230V

IP 65 · IK 09 · RF 850°C

BAG

AL PUR · PC MAT DIF · ±90° · 4 · ®

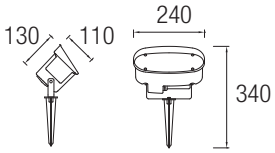
G24d-3 26W



D(m)	MedLux	
2.17	72	1
4.35	18	2
6.52	8	3
8.69	4	4
10.86	3	5

H Alpha=47.4°+47.4°





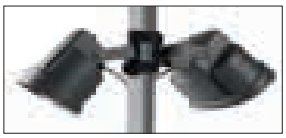
ESPARTA

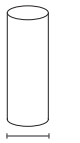
55-9701-Z5-M3

E-27 max. 23W / max. L= 160mm
Fluorescent - LED

IP 65 · IK 09 · RF 850°C

AL PUR · PC MAT DIF · ±90° · 4 · ®

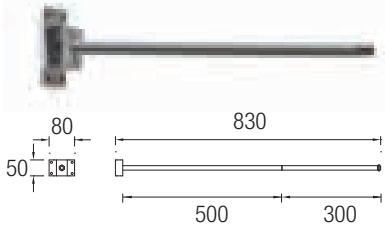




71-9746-05-05 NEW

Accesorio para / Accessory for / Accessoire pour / Zubehör für / Accessorio per / Acessório para / Принадлежность для / Akcesorium do для **55-9349, 55-9701**

100



71-9487-Z5-Z5

Accesorio para / Accessory for / Accessoire pour / Zubehör für / Accessorio per / Acessório para / Принадлежность для / Akcesorium do **55-9349, 55-9701**

10



ESPARTA

55-9172-34-37

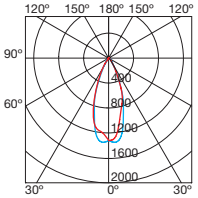
Par-38 max. 60W / max. L= 140mm
Halogen - Fluorescent - LED

IP 54 · IK 08 · RF 850°C · 0,5m

2,5 m

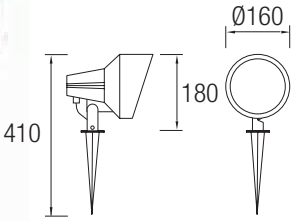
AL INJ · GLA TRAN DIF · ±90° · 12

Par-38 60W

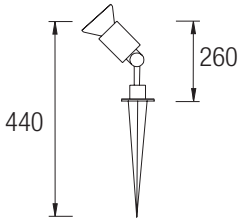


D(m)	MedLux	
0.71	347	1
1.42	87	2
2.14	39	3
2.85	22	4
3.56	14	5

H Alpha=20.1°+19.1°







ESPARTA

55-8784-05-05

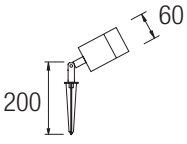
Par-38 max. 100W
Halogen - Fluorescent - LED

IP 44 · RF 850°C · 0,5m

2,5 m

TERMO PLAST · ±90° · 18





ICARO

55-9191-34-37

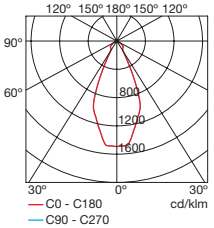
GU-10 max. 50W / max. L= 75mm
Halogen - Fluorescent - LED

IP 44 · RF 850°C · 0,5m

2,5 m + OSRAM 50W

AL INJ · GLA HARD DIF · ±90° · 8

GU-10 50W



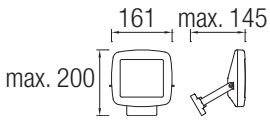
D(m)	MedLux	
0.75	733	1
1.50	183	2
2.24	81	3
2.99	46	4
3.03	32	5

H Alpha= 25°+ 25°

P. 559 · P. 701







SOLAR NEW

05-9762-05-M2

48 LED 4000mAh 1,8W 140lm(N)
Neutral white 4000K

IP 54

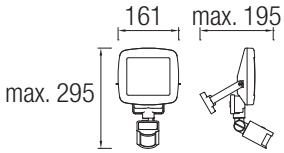
PP | PC DIF | ±90º | 5 m | 4 | N WHITE

6-8h | 8-10h

SENSOR CREPUSCULAR. / TWILIGHT SENSOR / CAPTEUR CRÉPUSCULAIRE / DÄMMERUNGSSENSOR. / SENSORE CREPUSCOLARE. / SENSOR CREPUSCULAR./ СУМЕРЕЧНЫЙ ДАТЧИК / CZUJNIK ZAPADANIA ZMIERZCHU.

2 modos: encendido de noche / apagado de día.
2 modes: night time on / day time off
2 modes : allumé la nuit / éteint le jour
2 Betriebsarten: abends/nachts eingeschaltet / tagsüber aus.
2 modalità: acceso di notte / spento di giorno.
2 modos: aceso durante a noite/apagado durante o dia.
2 режима: включено ночью / выключено днем
2 tryby: zapalony nocą / zgaszony w ciągu dnia.





SOLAR NEW

05-9763-05-M2

64 LED 3W 2000mAh 200lm(N)
Neutral white 4000K

IP 54

PP | PC DIF | ±90º | 5 m | 8 | N WHITE

170º | 9m | TIME 30s-10m | 3-5h | 2-3h

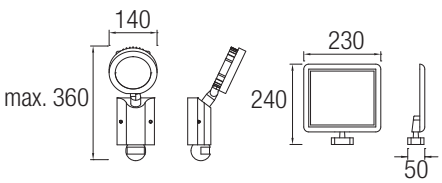
SENSOR PIR. / PIR SENSOR / CAPTEUR PIR / PIR-SENSOR (BEWEGUNGSMELDER). / SENSORE PIR. / SENSOR PIR. / ИНФРАКРАСНЫЙ ДАТЧИК ДВИЖЕНИЯ / CZUJNIK PIR.

3 modos: siempre encendido / automático mediante sensor / apagado.
3 modes: always on / automatic via sensor / off.
3 modes : toujours allumé / automatique par capteur / éteint
3 Betriebsarten: Immer-ein / automatisch mittels Sensor / Aus.
3 modalità: sempre acceso / automatico tramite sensore /spento.
3 modos: sempre aceso/automático com sensor/apagado.
3 режима: постоянно включено / автоматчерез датчик / выключено
3 tryby: zawsze zapalony / samoczynny przy pomocy czujnika / zgaszony.



Incluye controlador digital.
Includes digital controller.
Comprend un contrôleur numérique.
Einschließlich Digitalsteuerung.
Comprende regolatore digitale.
Inclui controlador digital.
В комплект входит цифровой контроллер.
Zawiera cyfrowy nastawnik.





SHAPLEY

05-9707-Z5-M2

4 LED CREE 4W 400lm(N)
Neutral white 4000K

IP 44

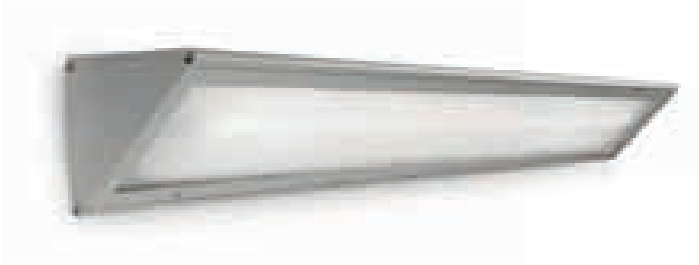
AL INJ | PC DIF | ±90º | 5 m | 2 | N WHITE

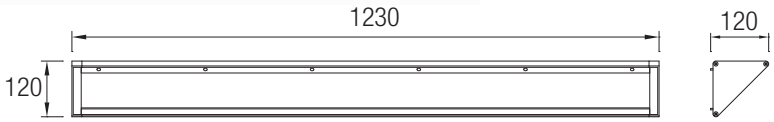
180º | 12m | TIME 10-90s | LUX 10-1000 | 10h | 2h

SENSOR PIR. / PIR SENSOR / CAPTEUR PIR / PIR-SENSOR (BEWEGUNGSMELDER). / SENSORE PIR. / SENSOR PIR. / ИНФРАКРАСНЫЙ ДАТЧИК ДВИЖЕНИЯ / CZUJNIK PIR.

3 modos: siempre encendido / automático mediante sensor / apagado.
3 modes: always on / automatic via sensor / off.
3 modes : toujours allumé / automatique par capteur / éteint
3 Betriebsarten: Immer-ein / automatisch mittels Sensor / Aus.
3 modalità: sempre acceso / automatico tramite sensore /spento.
3 modos: sempre aceso/automático com sensor/apagado.
3 режима: постоянно включено / автоматчерез датчик / выключено
3 tryby: zawsze zapalony / samoczynny przy pomocy czujnika / zgaszony.







CURIE

05-9662-34-CD

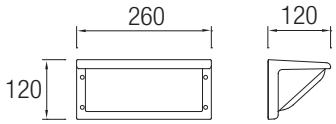
T5 28/54W Fluorescent 230V

IP 65 · IK 10 · RF 850°C

BAG

AL EXTR · PC MAT DIF · 2 · ®





CURIE

05-9408-34-M3

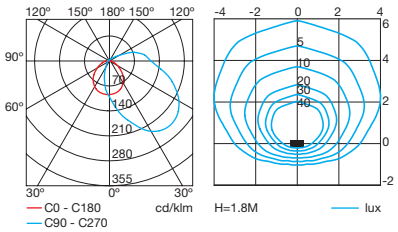
05-9408-Z5-M3

G24d-3 26W Fluorescent 230V

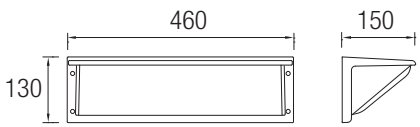
IP 65 · IK 10 · RF 850°C

AL PUR · PC MAT DIF · 4 · ®

G24d-3 26W







CURIE

05-9457-34-M3

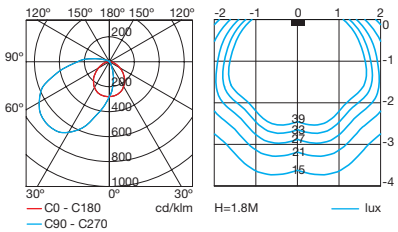
05-9457-Z5-M3

2 x G24d-3 26W Fluorescent 230V

IP 65 · IK 10 · RF 850°C

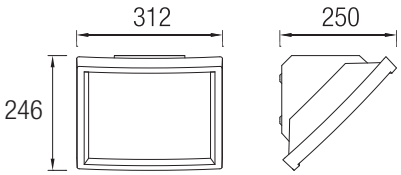
AL PUR · PC MAT DIF · 4 · ®

2 x G24d-3 26W









ACCESS NEW

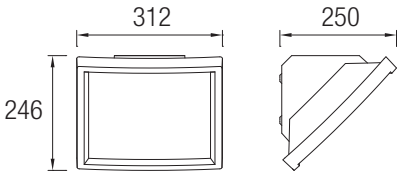
05-9734-34-M1

2 x E-27 max. 18W / max. L=160mm
Fluorescent - LED

IP 65 IK 08

ABS PC DIF 12





ACCESS NEW

05-9783-34-M1

2 x E-27 max. 18W / max. L=160mm
Fluorescent - LED

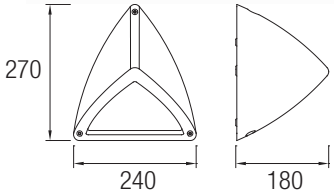
IP 65 IK 08

ABS PC DIF 12

360° 1-10m TIME 6s-12m LUX 2-2000

SENSOR DE MICROONDAS.
MICROWAVE SENSOR
CAPTEUR À MICRO-ONDES
MIKROWELLENSENSOR.
SENSORE DI MICROONDE.
SENSOR DE MICRO-ONDAS. МИКРОВОЛНОВЫЙ ДАТЧИК
CZUJNIK MIKROFAL.





PIRAMID

05-9559-34-B8

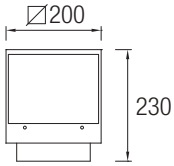
E-27 max. 23W / max. L=140mm
Fluorescent - LED

IP 54

ABS GLA MAT DIF 12







AFRODITA

05-9641-34-37

05-9641-Z5-37

G12 35W HID 230V

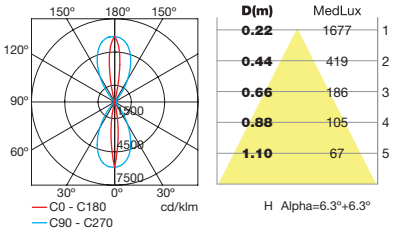
IP 65 | IK 08 | RF 850°C | 0,5m

BAG

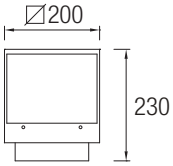
AL PUR | GLA HARD DIF | 14 | 2 | ®

G12 35W

Con cristales lupa.
With magnifying glasses.
Avec verres grossissants.
Mit Lupengläser.
Con vetri con lente d'ingrandimento.
Com vidro tipo lupa.
С увеличительными стеклами.
Ze szkłami powiększającymi.







AFRODITA

05-9577-34-37

05-9577-Z5-37

G12 70W HID 230V

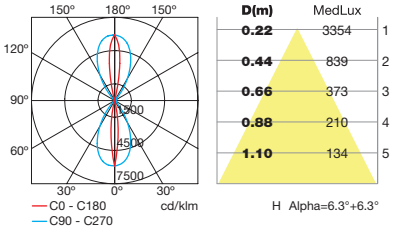
IP 65 | IK 08 | RF 850°C | 0,5m

BAG

AL PUR | GLA HARD DIF | 14 | 2 | ®

G12 70W

Con cristales lupa.
With magnifying glasses.
Avec verres grossissants.
Mit Lupengläser.
Con vetri con lente d'ingrandimento.
Com vidro tipo lupa.
С увеличительными стеклами.
Ze szkłami powiększającymi.



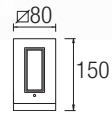


71-9577-05-37

Lente para / Lens for / Lentille pour / Linse für / Lente per / Lente para / Линза для / Soczewka dla **05-9577, 05-9641**

10





FENIX

05-9129-34-37

05-9129-Z5-37

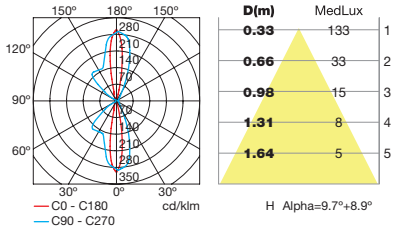
G9 max. 60W

IP 54 | IK 06 | RF 850°C

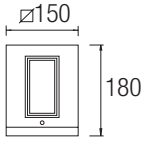
40W OSRAM

AL INJ | GLA TRAN DIF | GLA MAGN DIF | 6

G9 60W







FENIX

05-9159-Z5-37

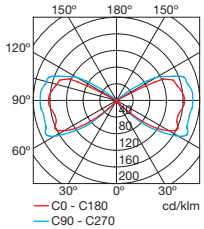
R7s L=78 max. 150W

IP 54 | IK 06 | RF 850°C

150W OSRAM

AL INJ | GLA TRAN DIF | GLA MAGN DIF | 3 | 4

R7s 150W




20



WILSON

05-9683-14-T2 NEW

05-9683-34-T2 NEW

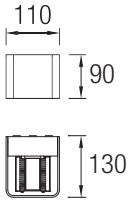
05-9683-Z5-T2

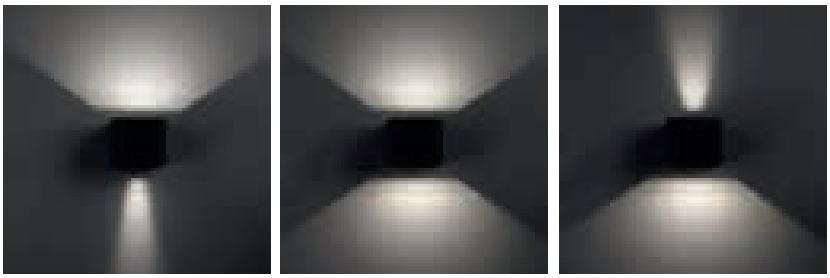
6 LED CREE 100-240V 6W 642lm(N)
Warm white 3000K

IP 65 IK 08

EAGLE RISE

AL PUR · GLA MAT DIF · 4 · W WHITE







WILSON

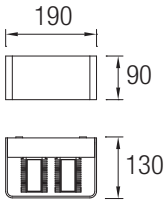
05-9684-Z5-T2

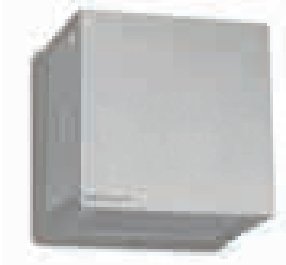
12 LED CREE 100-240V 12W 1284lm(N)
Warm white 3000K

IP 65 IK 08

EAGLE RISE

AL PUR · GLA MAT DIF · 4 · W WHITE





POKER NEW

05-9732-34-37

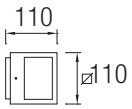
05-9732-Z5-37

4 LED PHILIPS 100-240V 8W 820lm(N)
Neutral white 4000K

IP 65 IK 06

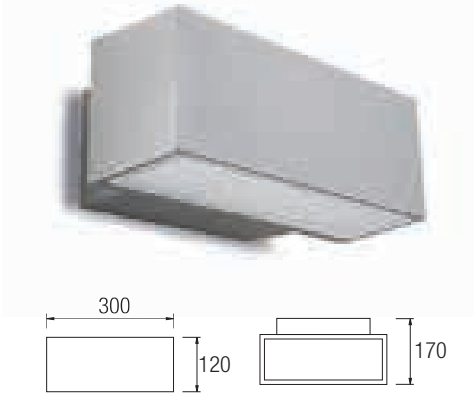
EAGLE RISE

AL PUR · GLA MAT DIF · 10° · 6 · FILTER 3000K · DIFFUSER FILTER · N WHITE · W WHITE · X4 · X4 · X4 · X4





CROWNE PLAZA HOTEL. LIÈGE, BELGIUM.



AFRODITA

05-9531-34-T2

05-9531-Z5-T2

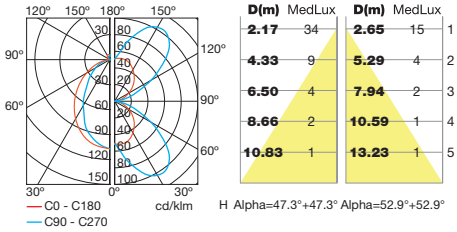
8 LED CREE 100-240V 17W 1656lm(N)
Neutral white 4000K

IP 65 | IK 04

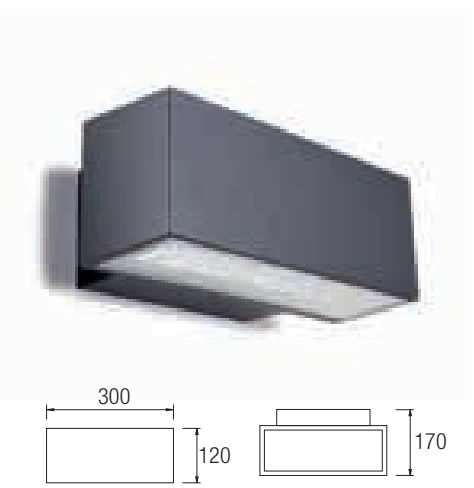
SELF

AL PUR | GLA MAT DIF | 2 | N WHITE

LED 17W



H Alpha=47.3°+47.3° Alpha=52.9°+52.9°



AFRODITA

05-9438-34-37

05-9438-Z5-37

Rx7s 70W HID 230V

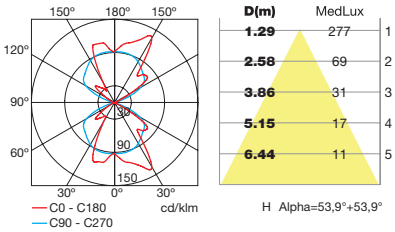
IP 65 | IK 04 | RF 850°C

BAG

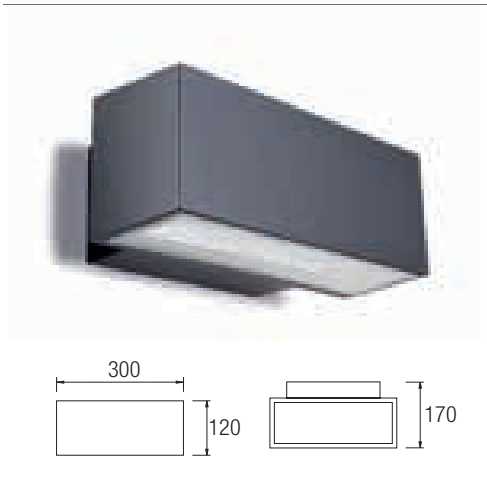
AL INJ | GLA TRAN DIF | 2

Incluye accesorio reflector./ Includes reflector accessory. / Accessoire réflecteur fourni./ Einschließlich Zubehör Reflektor./ Comprende accessorio riflettente./ Inclui acessório refletor./ Включает отражательную принадлежность. / Zawiera akcesorium odbłyśnik.

Rx7s 70W



H Alpha=53,9°+53,9°



AFRODITA

05-9227-34-37

05-9227-Z5-37

Rx7s-24 150W HID 230V

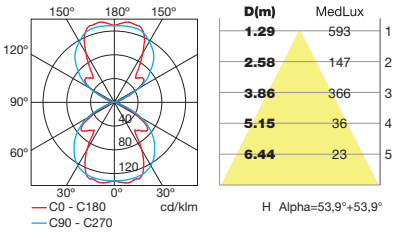
IP 65 | IK 04 | RF 850°C

BAG

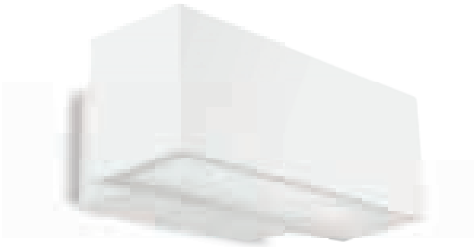
AL INJ | GLA TRAN DIF | 2

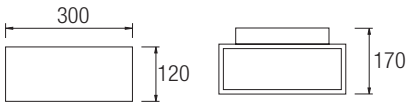
Incluye accesorio reflector./ Includes reflector accessory. / Accessoire réflecteur fourni./ Einschließlich Zubehör Reflektor./ Comprende accessorio riflettente./ Inclui acessório refletor./ Включает отражательную принадлежность. / Zawiera akcesorium odbłyśnik.

Rx7s-24 150W



H Alpha=53,9°+53,9°





AFRODITA

05-9228-14-37

05-9228-34-37

05-9228-Z5-37

2 x G24q-3 26W Fluorescent 230V

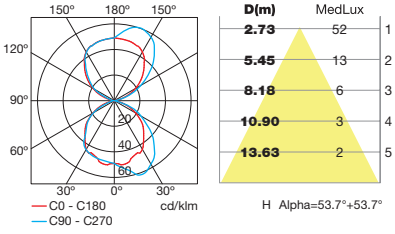
IP 65 | IK 04 | RF 850°C

BAG

AL INJ | GLA MAT DIF | 2

Incluye accesorio reflector./ Includes reflector accessory. / Accessoire réflecteur fourni./ Einschließlich Zubehör Reflektor./ Comprende accessorio riflettente./ Inclui acessório refletor./ Включает отражательную принадлежность. / Zawiera akcesorium odbłyśnik.

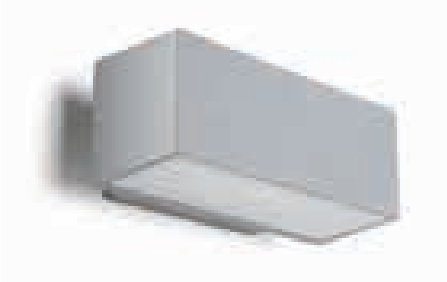
2 x G24q-3 26W

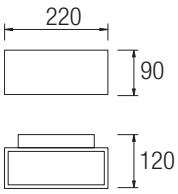


H Alpha=53.7°+53.7°



ALCOLEA PSYCHIATRIC CENTER. CÓRDOBA, SPAIN.





AFRODITA

05-9229-14-37
05-9229-34-37
05-9229-J6-37
05-9229-Z5-37

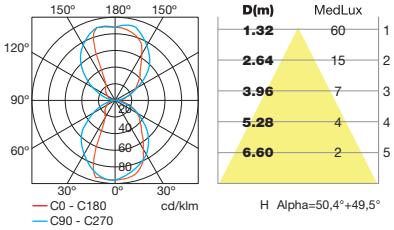
R7s L=78 max. 150W Halogen

IP 65 · IK 04 · RF 850°C

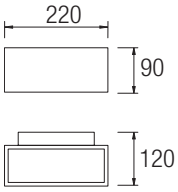
AL INJ · GLA MAT DIF · 4 · ®

Incluye accesorio reflector./ Includes reflector accessory. /Accessoire réflecteur fourni./ Einschließlich Zubehör Reflektor./ Comprende accessorio riflettente./ Inclui acessório refletor./ Включает отражательную принадлежность./ Zawiera akcesorium odbłyśnik.

R7s 100W







AFRODITA

05-9230-14-37
05-9230-34-37
05-9230-J6-37
05-9230-Z5-37

G24d-3 26W Fluorescent 230V

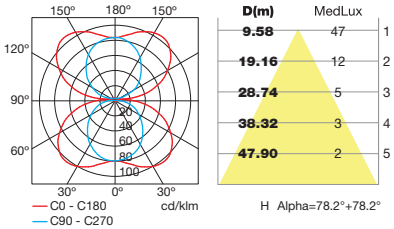
IP 65 · IK 04 · RF 850°C

BAG

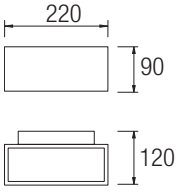
AL INJ · GLA MAT DIF · 4 · ®

Incluye accesorio reflector./ Includes reflector accessory. /Accessoire réflecteur fourni./ Einschließlich Zubehör Reflektor./ Comprende accessorio riflettente./ Inclui acessório refletor./ Включает отражательную принадлежность. /Zawiera akcesorium odbłyśnik.

G24d-3 26W







AFRODITA

05-9458-34-T2
05-9458-J6-T2 (S)
05-9458-Z5-T2

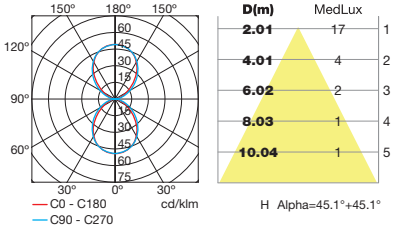
8 LED CREE 100-240V 8W 976lm(N)
Neutral white 4000K

IP 65 · IK 04 · RF 850°C

EAGLE RISE

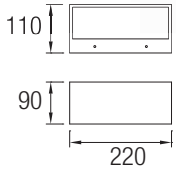
AL INJ · GLA MAT DIF · 4 · ®

LED 8W









NEMESIS

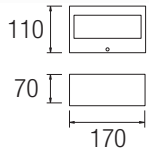
05-9649-14-T2 ☐ NEW
05-9649-34-T2
05-9649-Z5-T2

E-27 max. 60W / max. L=155mm
Halogen - Fluorescent - LED

IP 54 | IK 04 | RF 850°C

AL INJ | GLA MAT DIF | 6 | ®





NEMESIS

05-9177-14-B8 ☐
05-9177-34-B8
05-9177-J6-B8
05-9177-Z5-B8

R7s L=78 max. 100W

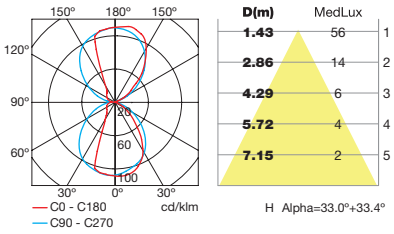
IP 44 | IK 06 | RF 850°C

AL INJ | GLA MAT DIF | 16

Set completo para uso con PL G24d-1:/ Full set for use with PL G24d-1:/ Set complet à utiliser avec PL G24d-1:/ Komplettsatz für Verwendung mit PL G24d-1:/ Per uso con PL G24d-1 ordinare:/ Set completo para uso com PL G24d-1:/ Полный набор для использования с PL G24d-1:/ Pełen komplet dla użycia z PL G24d-1:

05-9177 + 71-8969-00-00

R7s 100W





71-8969-00-00

Reactancia para / Ballast for / Ballast pour / Vorschattgerät für / Reattanza per / Reactância para / Реактивное сопротивление для / Statecznik do PL-G24d-13W 230V

6



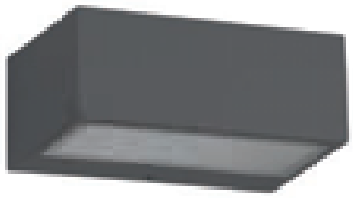
LED KIT NEW

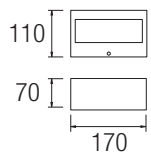
71-9747-00-00 Warm white 3000K 715 lm(N)
71-9781-00-00 Neutral white 4000K 754 lm(N)

20 LED SAMSUNG 100-240V 5W

SELF

AL | 18 | ® | W WHITE | N WHITE





NEMESIS

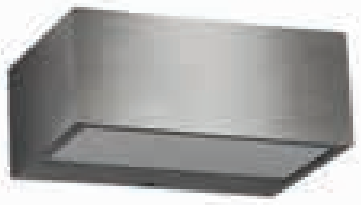
05-9636-34-B8
05-9636-Z5-B8

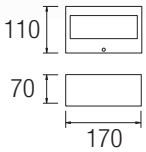
G24d-1 13W Fluorescent 230V

IP 44 | IK 06 | RF 850°C

AL PUR | GLA MAT DIF | 16







NEMESIS

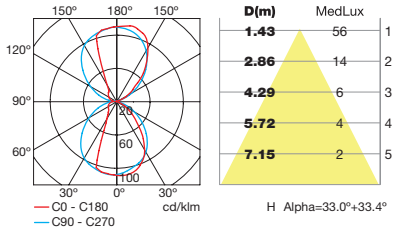
05-9629-CA-B8

R7s L=78 max. 100W Halogen

IP 44 | IK 06 | RF 850°C

INOX AISI 316 | GLA MAT DIF | 12

R7s 100W



LED KIT NEW



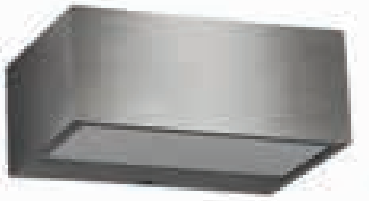
71-9747-00-00 Warm white 3000K 715 lm(N)

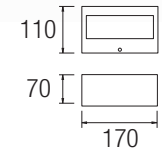
71-9781-00-00 Neutral white 4000K 754 lm(N)

20 LED SAMSUNG 100-240V 5W

SELF

AL | 18 | W WHITE | N WHITE





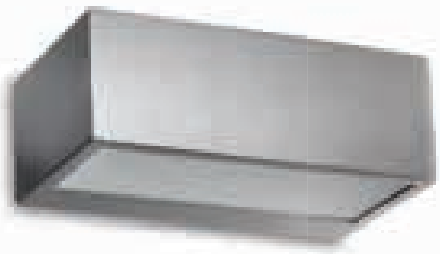
NEMESIS

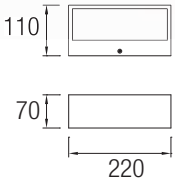
05-9637-CA-B8

G24d-1 13W Fluorescent 230V

IP 44 | IK 06 | RF 850°C

INOX AISI 316 | GLA MAT DIF | 6





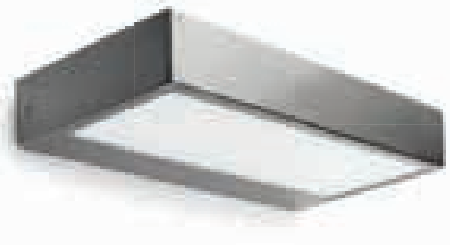
NEMESIS

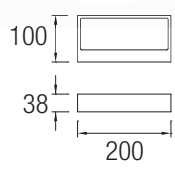
05-9675-CA-B8

G24d-2 18W Fluorescent 230V

IP 44 | IK 06 | RF 850°C

INOX AISI 316 | GLA MAT DIF | 4





NEMESIS NEW

05-9776-CA-G5

60 LED 110-230V 3,4W 300lm(N)
Warm white 3000K

IP 54 | IK 06 | RF 850°C

EAGLE RISE

INOX AISI 316 | GLA OPAL DIF | 12 | W WHITE

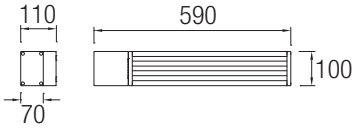
INOX p.889

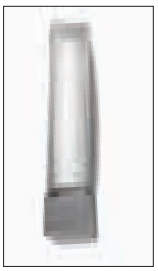




TINA

05-9472-34-M3





2G11 36W 230V

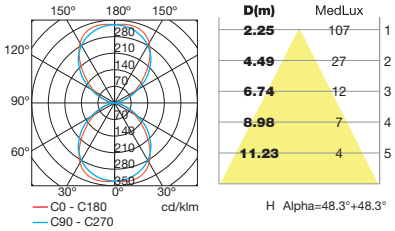
IP 54 | IK 07 | RF 850°C

AL PUR | PC MAT DIF | ±90° | 2 | R

Incluye accesorio reflector./ Includes reflector accessory. / Accessoire réflecteur fourni./ Einschließlich Zubehör Reflektor./ Comprende accessorio riflettente./ Inclui acessório refletor./ Включает рефлекторную принадлежность. /Zawiera akcesorium odbłyśnik.

P. 701

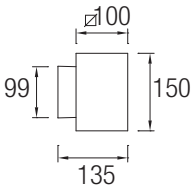
2G11 36W



AFRODITA NEW

05-9773-34-37





8 LED CREE 220-240V 17W 1656lm(N)
Warm white 3000K

IP 65 | IK 04 | RF 850°C | 0,5m

EAGLE RISE

AL INJ | GLA HARD DIF | 20° | 4 | R | W WHITE

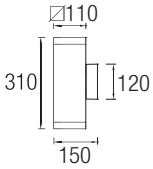
AFRODITA

05-9368-14-37

05-9368-34-37

05-9368-Z5-37



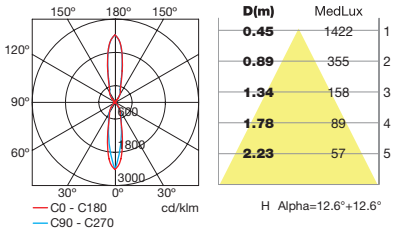


2 x Par-30 E-27 max. 75W / max. L=100mm
Halogen - Fluorescent - LED

IP 65 | IK 06 | RF 850°C

AL INJ | GLA HARD DIF | 6 | R

2 x Par-30 75W

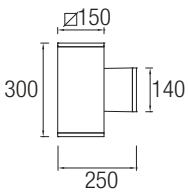


AFRODITA

05-9369-34-37

05-9369-Z5-37





G12 70W HID 230V

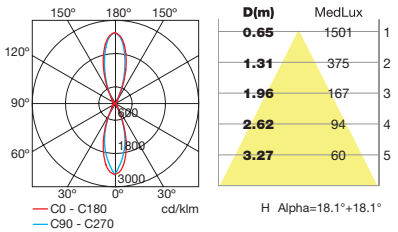
IP 65 | IK 08 | RF 850°C

BAG

AL PUR | GLA HARD DIF | 12 | 2 | R

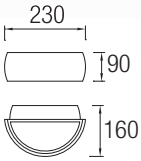
Incluye reflector simple y doble./ Includes single and double reflector./ Comprend un réflecteur simple et double./ Einfacher und doppelter Reflektor enthalten./ Comprende un riflettore semplice e doppio./ Inclui refletor simples e duplo./ Комплект включает простой и двойной отражатели./ Zawiera odbłyśnik pojedynczy i podwójny.

G12 70W









DELFOS

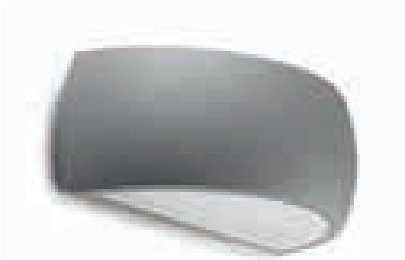
05-9650-34-T2

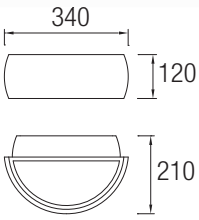
E-27 max. 60W / max. L=130mm
Halogen - Fluorescent - LED

IP 65 | IK 04 | RF 850°C

AL PUR | GLA MAT DIF | 4 | ®

Incluye accesorio reflector./ Includes reflector accessory. /Accessoire réflecteur fourni./ Einschließlich Zubehör Reflektor./ Compren-de accessorio riflettente./ Inclui acessório refletor./ Включает отражательную принадлежность. /Zawiera akcesorium odbłyśnik.





DELFOS

05-9469-34-T2

2 x G24q-3 26W Fluorescent 230V

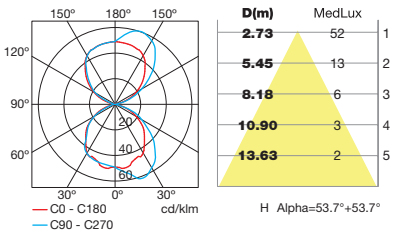
IP 65 | IK 04 | RF 850°C

BAG

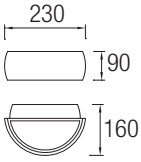
AL PUR | GLA MAT DIF | 2 | ®

Incluye accesorio reflector./ Includes reflector accessory. /Accessoire réflecteur fourni./ Einschließlich Zubehör Reflektor./ Compren-de accessorio riflettente./ Inclui acessório refletor./ Включает отражательную принадлежность. /Zawiera akcesorium odbłyśnik.

2 x G24q-3 26W







DELFOS

05-9470-34-T2

05-9470-Z5-T2

GX24d-3 26W Fluorescent 230V

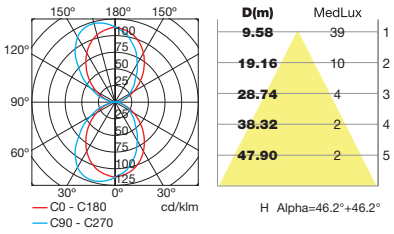
IP 65 | IK 04 | RF 850°C

BAG

AL PUR | GLA MAT DIF | 4 | ®

Incluye accesorio reflector./ Includes reflector accessory. /Accessoire réflecteur fourni./ Einschließlich Zubehör Reflektor./ Compren-de accessorio riflettente./ Inclui acessório refletor./ Включает отражательную принадлежность. /Zawiera akcesorium odbłyśnik.

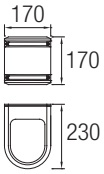
G24d-3 26W





CZARNY POTOK HOTEL. KRYNICA-ZDRÓJ, POLAND.





NEO

05-9573-34-T2

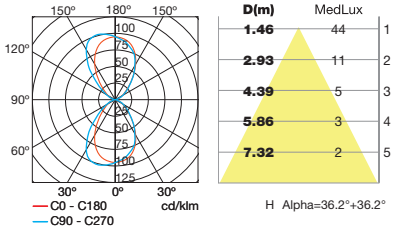
05-9573-Z5-T2

E-27 max.150W / max. L=165mm
Halogen - Fluorescent - LED

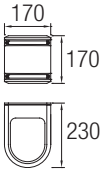
IP 65 IK 08

AL PUR GLA MAT DIF 30 4

PL 23W







NEO

05-9574-34-37

05-9574-Z5-37

G12 35W HID 230V

IP 65 IK 08

BAG

AL PUR GLA HARD DIF 30 2

G12 35W

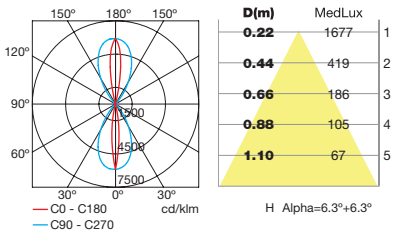
Con cristales lupa.
With magnifying glasses.
Avec verres grossissants.
Mit Lupenglas.
Con vetri con lente d'ingrandimento.
Com vidro tipo lupa.
С увеличительными стеклами.
Ze szkłami powiększającymi.



71-9574-05-37

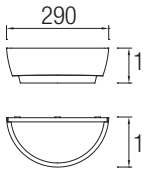
Lente para / Lens for / Lentille pour / Linse für / Lente per / Lente para / Линза для / Soczewka dla **05-9574**

18









GALILEI

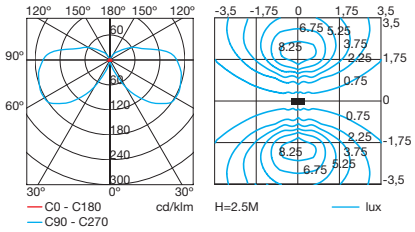
05-9409-34-M3

E-27 max.23W max. L=200mm Ø=52mm
Fluorescent - LED

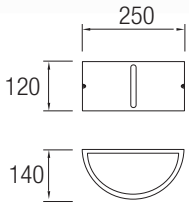
IP 54 | IK 08 | RF 850°C

ABS | PC MAT DIF | 6 | ®

PL 23W







ATENA

05-9131-14-M3

05-9131-34-M3

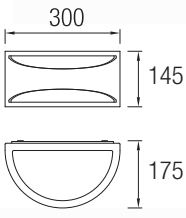
05-9131-Z5-M3

E-27 max. 75W / max. L=167mm Ø=51mm
Halogen - Fluorescent -LED

IP 44

AL INJ | PC MAT DIF | 6 | ®





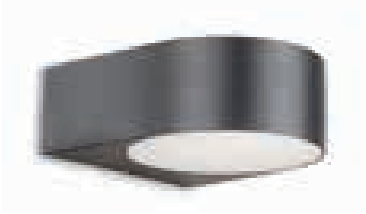
NAPOLI NEW

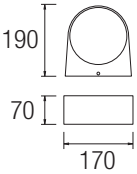
05-9735-34-M1

E-27 max. 23W
Halogen - Fluorescent -LED

IP 65 | IK 08

ABS | PC OPAL DIF | 6





NEMESIS

05-9123-34-B8

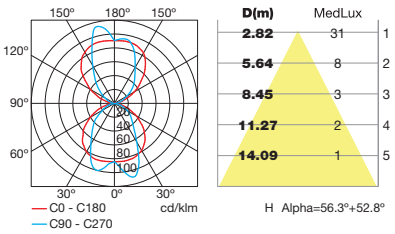
05-9123-Z5-B8

E-27 max. 60W / max. L=117mm Ø=45mm
Halogen - Fluorescent -LED

IP 44 | RF 850°C

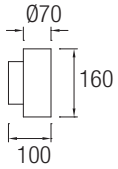
AL INJ | GLA MAT DIF | 12

PL 15W









TERRY

05-9719-34-37

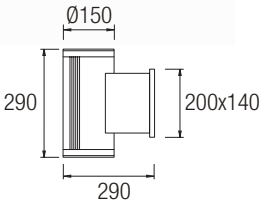
2 LED CREE 100-240V 4,5W 414lm(N)
Neutral white 4000K

IP 44

SELF

AL EXTR | GLA MAT DIF | 12 | FILTER 3000K | DIFFUSER FILTER | N WHITE | W WHITE





AFRODITA

05-9204-34-B8

G12 70W HID 230V

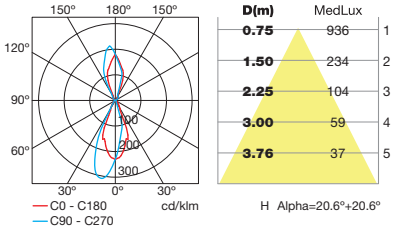
IP 65 | IK 08 | RF 850°C | 0,5m

BAG

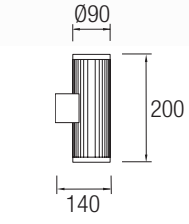
AL INJ | GLA HARD DIF | 2 | ®

Incluye reflector simple y doble./ Includes single and double reflector./ Comprend un réflecteur simple et double./ Einfacher und doppelter Reflektor enthalten./ Comprende un riflettore semplice e unodoppio./ Inclui refletor simples e duplo./ Комплект включает простой и двойной отражатели./ Zawiera odbłyśnik pojedynczy i podwójny.

G12 70W







TEMIS

05-9146-34-T2

2 x GU-10 max. 50W / max. L=65mm
Halogen - Fluorescent - LED

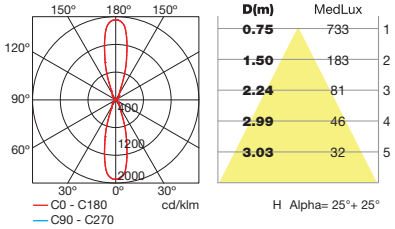
IP 44 | IK 08 | RF 850°C | 0,5m

2 x OSRAM 50W

AL EXTR | GLA MAT DIF | 4 | ®

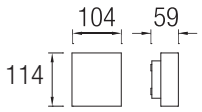
P. 691
P. 721,723

GU-10 50W









NEMESIS NEW

05-9753-CA-CD

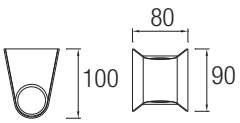
16 LED SAMSUNG 100-240V 4W 572lm(N)
Warm white 3000K

IP 54 IK 08

SELF

INOX AISI 316 | GLA MAT DIF | 8 | ® | W WHITE





MERTON

05-9601-34-M1 (S)

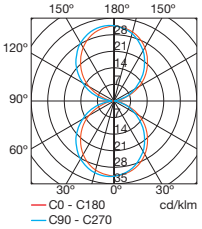
2 LED CREE 100-240V 2W 244lm(N)
Neutral white 4000K

IP 44

EAGLE RISE

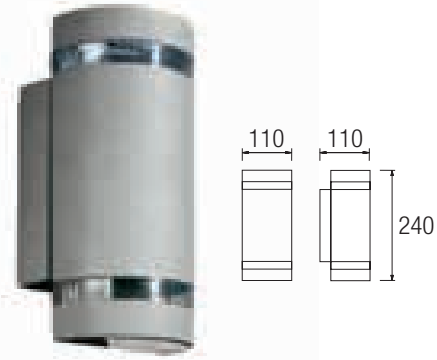
AL INJ | PC OPAL DIF | 8 | N WHITE

LED 2W



D(m)	MedLux	
2.66	8	1
5.33	2	2
7.99	1	3
10.66	1	4
13.32	0	5

H Alpha=53.1°+53.1°



SELENE

05-9234-18-37

05-9234-34-37

2 x GU-10 max. 50W / max. L=65mm
Halogen - Fluorescent - LED

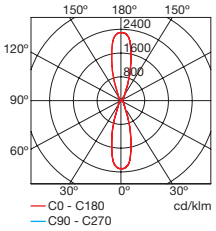
IP 54 | RF 850°C | 0,5m

2 x OSRAM 50W

AL INJ | GLA TRAN DIF | PMMA | 4

P. 601

GU-10 50W



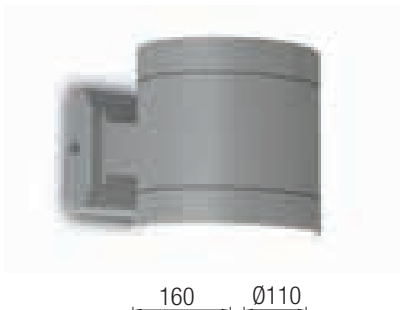
D(m)	MedLux	
0.75	733	1
1.50	183	2
2.24	81	3
2.99	46	4
3.03	32	5

H Alpha= 25°+ 25°





Difusor de PMMA azul de cortesía para acabado 34. / Difusor de PMMA amarillo de cortesía para acabado 18.
Blue courtesy PMMA diffusor for 34 finish. /Yellow courtesy PMMA diffusor for 18 finish.
Diffuseur bleu en PMMA fourni pour finition 34. / Diffuseur jaune en PMMA fourni pour finition 18.
Blauer PMMA-Diffusor inklusive für Farbe 34. / Gelber PMMA-Diffusor inklusive für Farbe 18.
Diffusore di cortesia in PMMA azzurro disponibile per la rifinitura 34. / Diffusore di cortesia in PMMA giallo disponibile per la rifinitura 18.
Difusor de PMMA azul de oferta para acabamento 34. / Difusor de PMMA amarelo de oferta para acabamento 18.
Голубой рассеиватель из ПММА в подарок для модели 34. Желтый рассеиватель из ПММА в подарок для модели 18.
Niebieski dyfuzor pomocniczy PMMA dla wykończenia 34. / Żółty dyfuzor pomocniczy PMMA dla wykończenia 18.



SELENE

05-9309-34-37

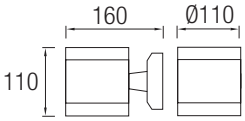
G9 max. 60W

IP 54 | RF 850°C

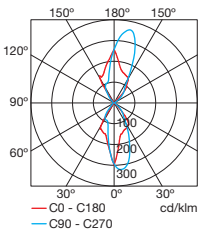
40W OSRAM

AL INJ | GLA TRAN DIF | 12

P. 601



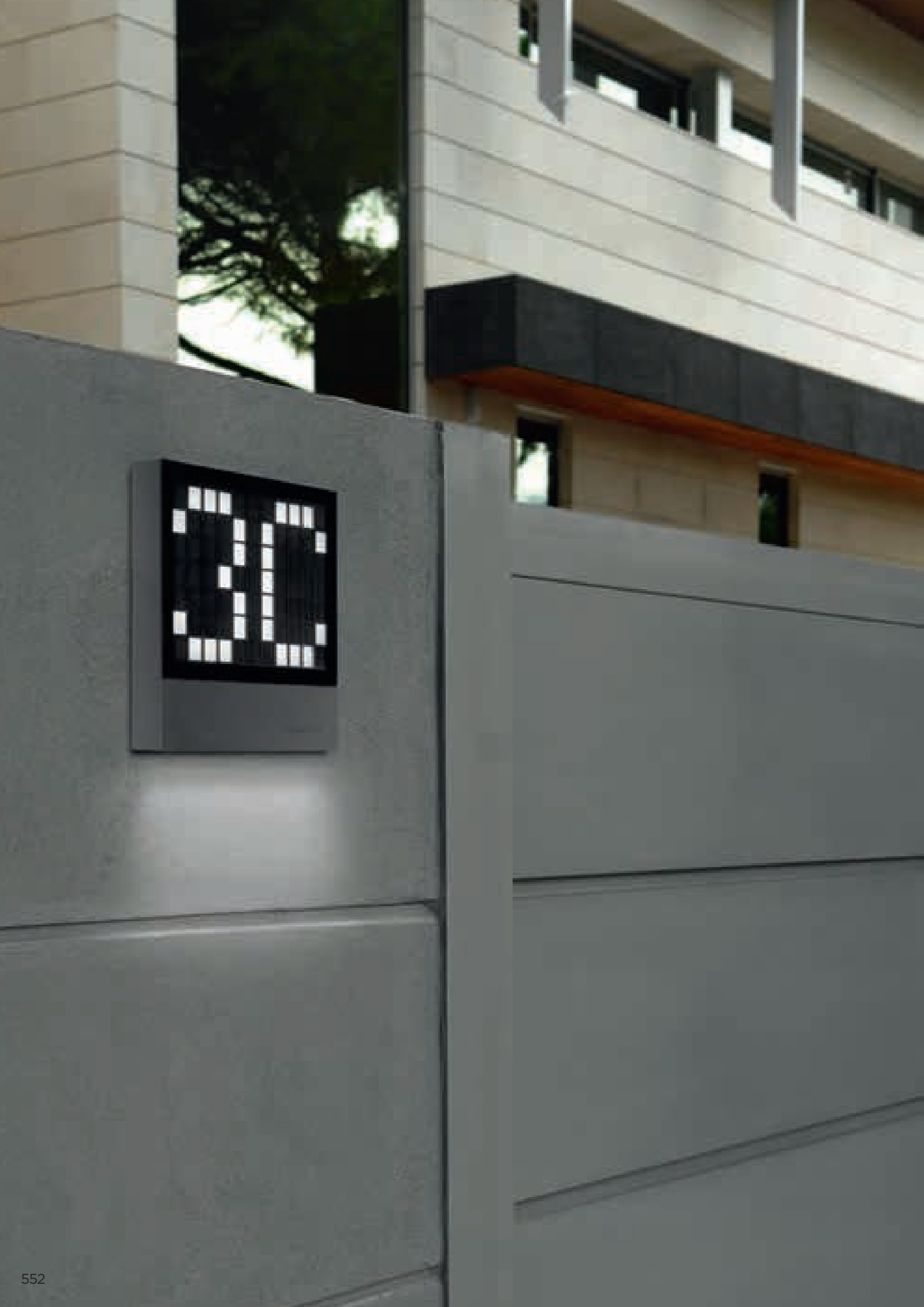
G9 60W



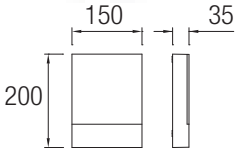
D(m)	MedLux	
1.20	108	1
2.39	27	2
3.59	12	3
4.78	7	4
5.98	4	5

H Alpha=30.4°+31.3°

INOX
p.889







LOTTERY NEW

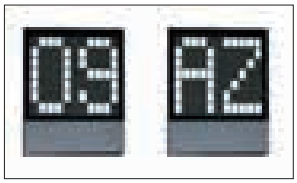
05-9726-Z5-37

60 LED 100-240V 3,2W 420lm(N)
Neutral white 4000K

IP 54 | IK 04

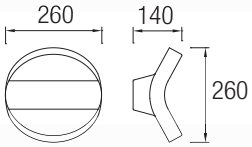
EAGLE RISE

AL PUR | GLA TRAN DIF | 20 | N WHITE



Incluye manual para crear números y letras.
Includes manual for creating numbers and letters.
Comprend un manuel pour la création de chiffres et de lettres.
Einschließlich Vorlage zur Herstellung von Zahlen und Buchstaben.
Include un manuale per creare numeri e lettere.
Inclui manual para criar números e letras.
Включает руководство по созданию цифр
Zawiera podręcznik dla tworzenia numerów i liter.





LUA

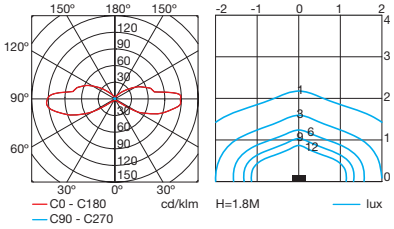
05-9471-Z5-T2

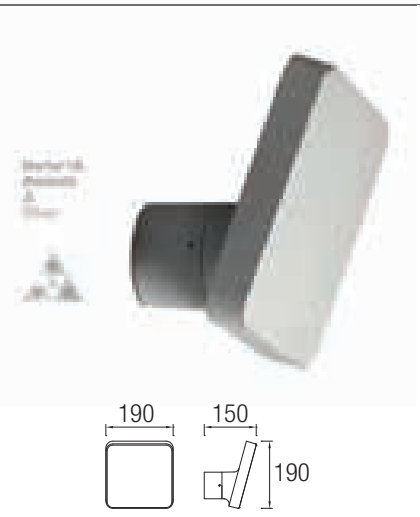
G24d-3 26W Fluorescent 230V

IP 54 | IK 06 | RF 850°C

AL PUR | GLA MAT DIF | 4

G24d-3 26W





PILE

05-9555-34-M3 (S)

4 LED CREE 100-240V 4W 488lm(N)
Neutral white 4000K

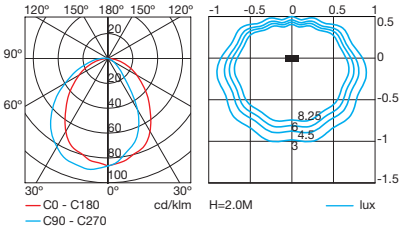
IP 54

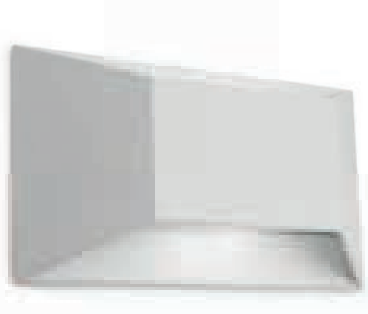
EAGLE RISE

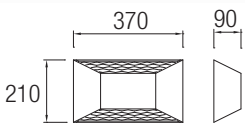
AL PUR | PC MAT DIF | 4 | FILTER 3000K | N WHITE | W WHITE

P. 705

LED 4W







PASTEUR

05-9456-14-M3

05-9456-Z5-M3

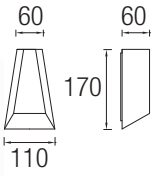
2 x G24d-2 18W Fluorescent 230V

IP 54 | IK 10 | RF 850°C

AL PUR | PC MAT DIF | 4







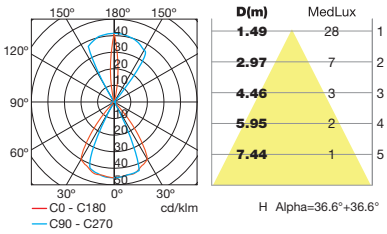
TAYLOR

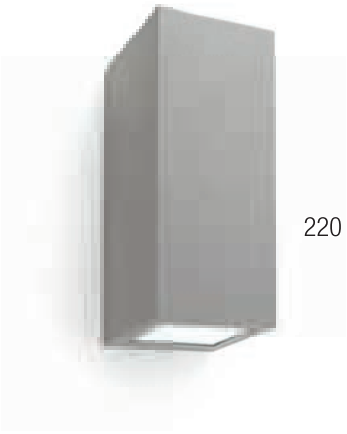
05-9592-34-37

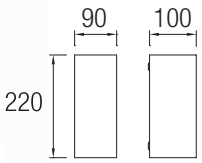
2 LED CREE 100-240V 2W 244lm(N)
Neutral white 4000K

IP 44 | RF 850°C | E | AL INJ | GLA TRAN DIF | 6 | N WHITE

LED 2W







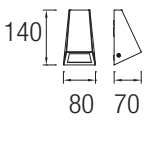
ALVIN NEW

05-9725-34-T2

2 x GU-10 max. 35W / max. L=70mm
Halogen - Fluorescent - LED

IP 44 | IK 04 | RF 850°C | 0,5m | ST EPOXI | GLA TRAN DIF | 12 | ®





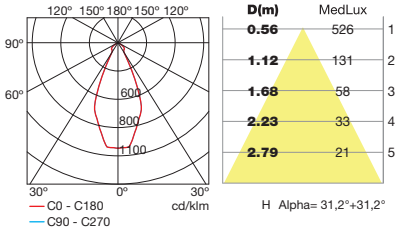
ANGLE

05-9565-Z5-B8

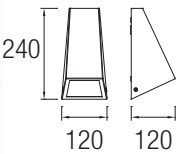
GU-10 max. 35W / max. L=70mm
Halogen - Fluorescent - LED

IP 44 | IK 04 | RF 850°C | ST EPOXI | GLA MAT DIF | 18 | ®

GU-10 35W







ANGLE

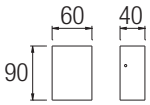
05-9566-Z5-B8

E-27 max. 60W / max. L=170mm
Halogen - Fluorescent - LED

IP 44 | IK 04 | RF 850°C | ST EPOXI | GLA MAT DIF | 12 | ®







TAYLOR

05-9594-14-37 ☐

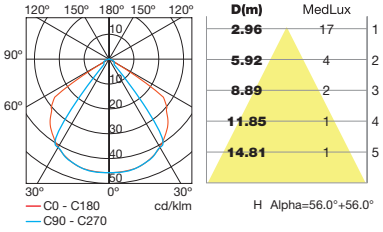
05-9594-34-37 ■

LED CREE 100-240V 2,2W 207lm(N)
Neutral white 4000K

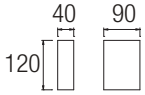
IP 44 | RF 850°C

AL INJ | GLA TRAN DIF | 12 | ® | N WHITE

LED 2,2W







TAYLOR

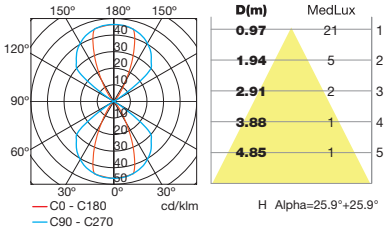
05-9593-34-37 ■

2 LED CREE 100-240V 4,5W 414lm(N)
Neutral white 4000K

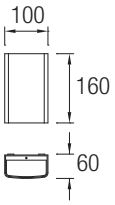
IP 44 | RF 850°C

AL INJ | GLA TRAN DIF | 12 | ® | N WHITE

LED 4,5W







CLOUS

05-9679-34-B8 ■ NEW

05-9679-Z5-B8 ■

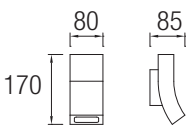
6 LED CREE 100-240V 6W 642lm(N)
Warm white 3000K

IP 65 | IK 08

EAGLE RISE

AL PUR | GLA MAT DIF | 4 | ® | W WHITE





KARMAN NEW

05-9752-34-CD ■

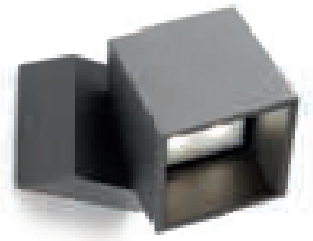
12 LED OSRAM 110-230V 7W 720lm(N)
Warm white 3000K

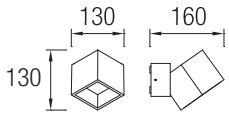
IP 54

SELF

AL INJ | PC OPAL DIF | 4 | W WHITE







CUBUS

05-9685-Z5-T2

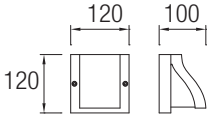
5 LED CREE 100-240V 5W 535lm(N)
Warm white 3000K

IP 65 | IK 04 | RF 850°C

EAGLE RISE

AL PUR | GLA MAT DIF | ±45° | 4 | R | W WHITE





VELTMAN

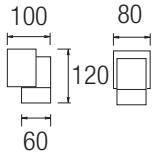
05-9591-Z5-B8

3 LED CREE 100-240V 3W 366lm(N)
Neutral white 4000K

IP 44 | RF 850°C

AL INJ | GLA MAT DIF | 12 | N WHITE





ICARO

05-9190-34-37

GU-10 max. 50W / max. L=75mm
Halogen - Fluorescent - LED

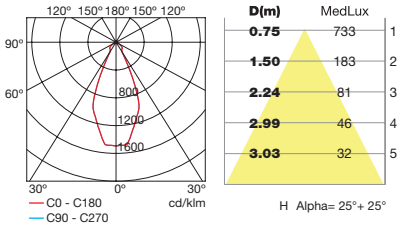
IP 44 | RF 850°C | 0,5m

OSRAM 50W

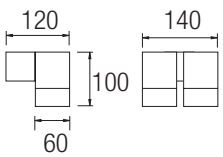
AL INJ | GLA HARD DIF | 6

P. 521 | P. 701

GU-10 50W







ICARO

05-9191-34-37

2 x GU-10 max. 50W / max. L=75 mm
Halogen - Fluorescent - LED

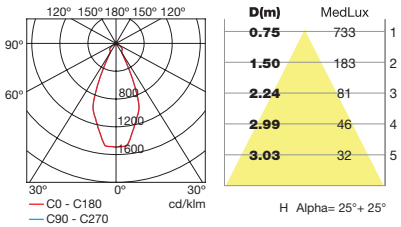
IP 44 | RF 850°C | 0,5m

2 x OSRAM 50W

AL INJ | GLA HARD DIF | ±120° | 4

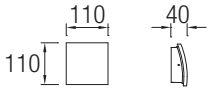
P. 521 | P. 701

GU-10 50W









SURF

05-9483-34-37

LED CREE 100-240V 2,3W 187lm(N)
Neutral white 4000K

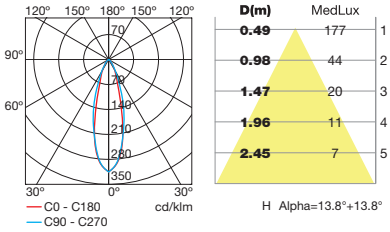
IP 64 | IK 08 | RF 850ºC

EAGLE RISE

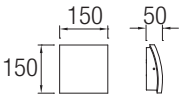
AL INJ | GLA TRAN DIF | 20 | FILTER 3000K | DIFFUSER FILTER | N WHITE | W WHITE

Montaje en superficie./ Surface mounted./ Montage en surface./ Aufbaumontage./ Montaggio in superficie./ Montagem à superfície./ Монтаж на поверхности./ Montaż na powierzchni.

LED 2,3W







SURF

05-9484-34-37

LED CREE 100-240V 4,6W 374lm(N)
Neutral white 4000K

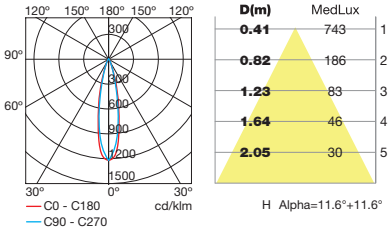
IP 64 | IK 08 | RF 850ºC

EAGLE RISE

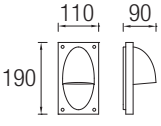
AL INJ | GLA TRAN DIF | 12 | FILTER 3000K | DIFFUSER FILTER | N WHITE | W WHITE

Montaje en superficie./ Surface mounted./ Montage en surface./ Aufbaumontage./ Montaggio in superficie./ Montagem à superfície./ Монтаж на поверхности./ Montaż na powierzchni.

LED 4,6W







ALFA

05-9344-J6-T2

05-9344-34-T2

GU-10 max. 50W / max. L=65mm
Halogen - Fluorescent - LED

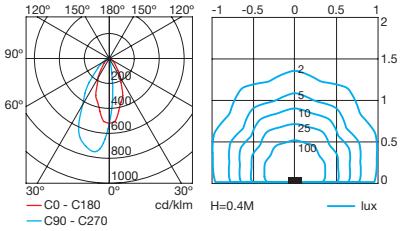
IP 54 | IK 07 | RF 850ºC

OSRAM 50W

AL PUR | GLA MAT DIF | 9 | 6

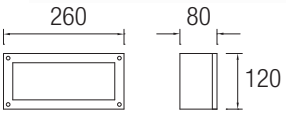
Montaje en superficie./ Surface mounted./ Montage en surface./ Aufbaumontage./ Montaggio in superficie./ Montagem à superfície./ Монтаж на поверхности./ Montaż na powierzchni.

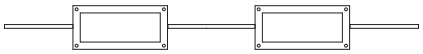
GU-10 50W











MICENAS

05-9648-34-B8

G24d-3 26W Fluorescent 230V

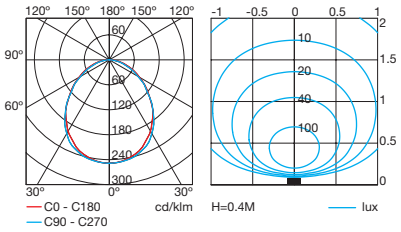
IP 44 | IK 04 | RF 850°C

BAG

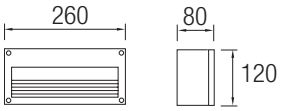
AL INJ | GLA MAT DIF | 6 | ®

Montaje en superficie./ Surface mounted./ Montage en surface./ Aufbaumontage./ Montaggio in superficie./ Montagem à superfície./ Монтаж на поверхности./ Montaż na powierzchni.

G24d-3 26W









MICENAS

05-9315-34-B8

05-9315-Z5-B8

G24d-3 26W Fluorescent 230V

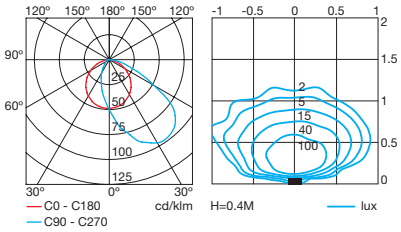
IP 54 | IK 06 | RF 850°C

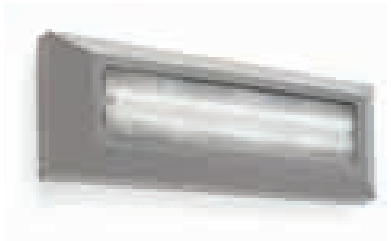
BAG

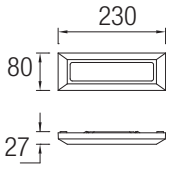
AL INJ | GLA MAT DIF | 6 | ®

Montaje en superficie./ Surface mounted./ Montage en surface./ Aufbaumontage./ Montaggio in superficie./ Montagem à superfície./ Монтаж на поверхности./ Montaż na powierzchni.

G24d-3 26W







KÖSSEL NEW

05-9779-34-M2

44 LED 220-240V 4W 396lm(N)
Warm white 3000K

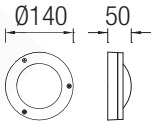
IP 65 | IK 07

ABS | PC DIF | 36 | ® | W WHITE

Montaje en superficie./ Surface mounted./ Montage en surface./ Aufbaumontage./ Montaggio in superficie./ Montagem à superfície./ Монтаж на поверхности./ Montaż na powierzchni.

Difusor prismatizado para evitar deslumbramiento.
Prismatic diffuser to prevent glare.
Diffuseur prismatisé anti-éblouissement.
Prismatisierter Diffusor als Blendschutz.
Diffusore prismatizzato per evitare abbagliamento.
Difusor prismático para evitar o encandeamento.
Призматический рассеиватель для избежания ослепления
Pryzmatyczny dyfuzor dla uniknięcia oślenienia.





GAP

05-9681-Z5-B8

36 LED 100-240V 3W 288lm(N)
Neutral white 4000K

IP 44 | RF 850°C

AL | GLA MAT DIF | 20 | ® | FILTER 3000K | N WHITE | W WHITE

Montaje en superficie./ Surface mounted./ Montage en surface./ Oberflächenmontage/ Montaggio in superficie./ Montagem à superfície./ Монтаж на поверхности./ Montaż na powierzchni.


29



CORNER

05-9687-14-M1

25 LED 110-230V 3,5W 370lm(N)
Warm white 3000K

IP 44 | RF 850°C

AL INJ | PC OPAL DIF | 8 | W WHITE



SHARPE

05-9602-34-M1

3 LED CREE 100-240V 3W 366lm(N)
Neutral white 4000K

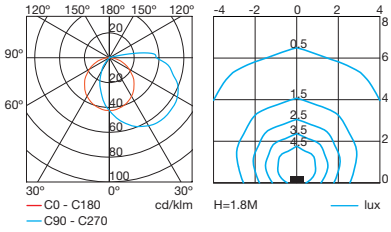
IP 44 | RF 850°C

EAGLE RISE

AL INJ | PC OPAL DIF | 4 | N WHITE

P. 705

LED 3W





WALKER

05-9595-34-M3 (S)

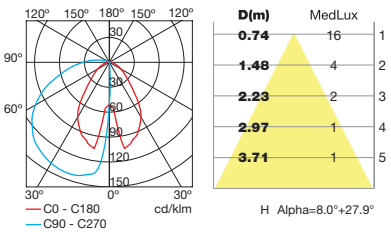
3 LED CREE 100-240V 6W 621lm(N)
Neutral white 4000K

IP 44 | RF 850°C

AL INJ | PC MAT DIF | 8 | N WHITE

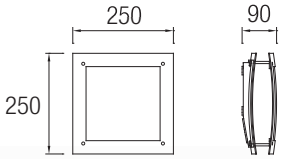
P. 705

LED 6W









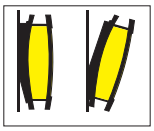
DARWIN

05-9444-Z5-CD

E-27 max. 23W / max. L=180mm Ø=60mm
Fluorescent - LED

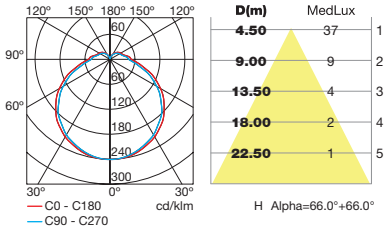
IP 54 | IK 10 | RF 850°C

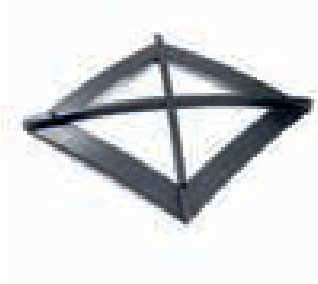
ABS | PC MAT DIF | 6 | ®

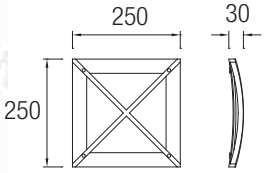


2 posiciones de instalación.
2 installation positions.
2 positions d'installation.
2 Einstellungen.
2 posizioni d'installazione
2 posições de instalação.
2 установочных положения
2 pozycje montażu

PL 23W







DARWIN

71-9445-Z5-Z5

Accesorio para / Accessory for / Accessoire pour / Zubehör für / Accessorio per / Acessório para / Принадлежность для / Akcesorium do **05-9444**

ABS | 6 | ®



WINDOWS

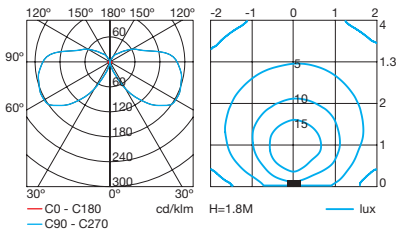
05-9410-Z5-B8

GX24d-3 26W Fluorescent 230V

IP 44 | IK 04 | RF 850°C

AL PUR | GLA MAT DIF | 4 | ®

GX24d-3 26W





ECLIPSE

05-9300-34-M3 (S)

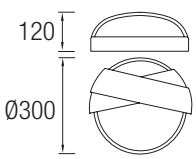
05-9300-Z5-M3 (S)

2 x E-27 max. 40W / max. L=165mm
Halogen - Fluorescent - LED

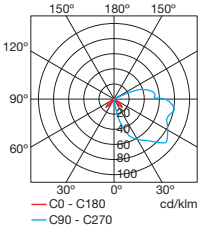
IP 54 | IK 10

TEC POLI | PC MAT DIF | 6 | ®

P. 607

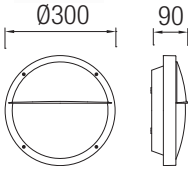


PL 23W









OPAL

05-9677-14-M1 ☐

2 x E-27 max. 18W / max. L=165mm
Fluorescent - LED

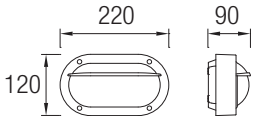
☐ IP 65 IK 10

ABS PC OPAL DIF 12 ®

P. 603

Base translúcida para recrear un efecto de luz decorativo en la superficie.
Traslucent base to create a decorative light effect on the surface.
Socle translucide pour recréer un effet de lumière décoratif en surface.
Durchscheinende Rückseite zur Schaffung von dekorativen Lichteffekten.
Base traslucida per ricreare un effetto di luce decorativa in superficie.
Base translúcida para recriar um efeito de luz decorativo na superficie.
Полупрозрачная основа для создания декоративного светового эффекта на поверхности.
Półprzezroczysta podstawa dla wytworzenia efektu światła dekoracyjnego na powierzchni.





BASIC

05-9544-Z5-M3 ■

E-27 max. 16W / max. L=145mm Ø60mm
Fluorescent - LED

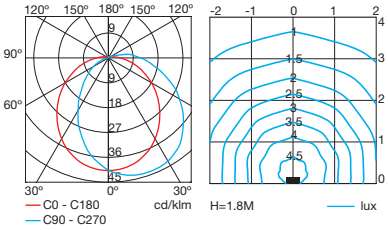
☐ IP 65 IK 10

PP PC MAT DIF 12 ®

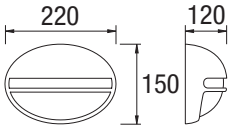
P. 605

P. 619, 623

PL 18W







ZEUS

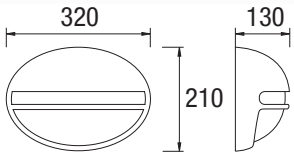
05-8751-34-M3 ■
05-8751-05-M3 ■

E-27 max. 60W / max. L=100mm Ø=45
Halogen - Fluorescent - LED

IP 44

AL INJ PC MAT DIF 18





ZEUS

05-8729-34-M3 ■
05-8729-05-M3 ■

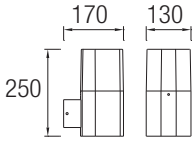
E-27 max. 100W / max. L=167mm
Halogen - Fluorescent - LED

IP 44

AL INJ PC MAT DIF 6







MANDELA

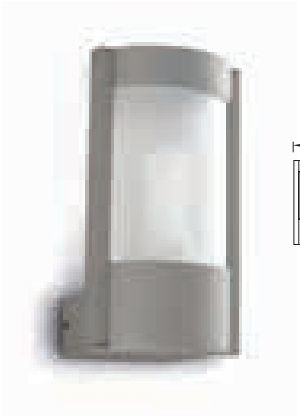
05-9605-Z5-M1

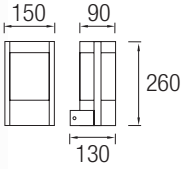
E-27 max. 40W / max. L=150mm
Halogen - Fluorescent - LED

IP 44

AL INJ | PC OPAL DIF | 12

P. 711





HEBE

05-9238-34-M3

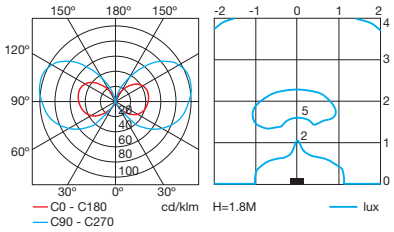
E-27 max. 100W / max. L=167mm
Halogen - Fluorescent - LED

IP 54

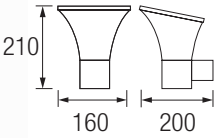
AL INJ | PC MAT DIF | 6

P. 699

PL 30W







SUZUKI

05-9715-Z5-M1

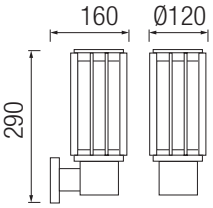
E-27 max. 18W / max. L=150mm
Fluorescent - LED

IP 54

AL INJ | PC OPAL DIF | 8

P. 711





SIMS

05-9717-34-M1

E-27 max. 30W / max. L=165mm
Fluorescent - LED

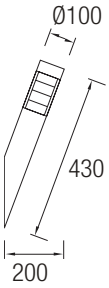
IP 44

AL INJ | PC OPAL DIF | 6

P. 607
P. 709







PRIAP NEW

05-9239-CA-M2

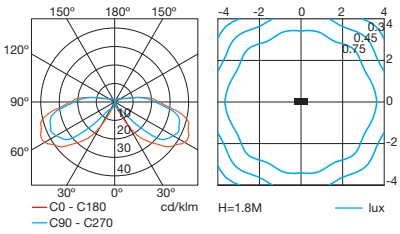
E-27 max. 23W / max. L=152mm Ø=50mm
Fluorescent - LED

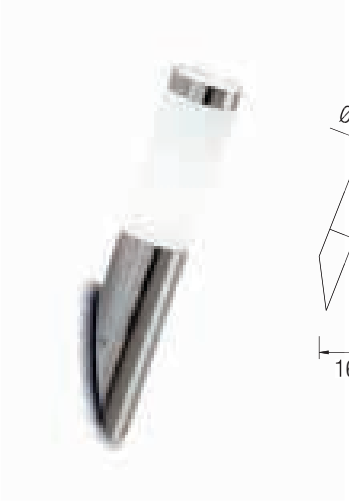
IP 54

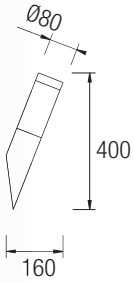
INOX AISI 316 | PC TRAN DIF | 4 | ®

P. 713

PL 23W







ELECTRA

05-8790-Y4-M1

E-27 max. 23W / max. L=167mm Ø=55mm
Fluorescent - LED

IP 55

INOX AISI 202 | PC OPAL DIF | 6

P. 717



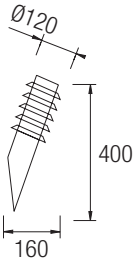


55-8791-Y4-Y4

Kit reflector. / Reflector kit. / Kit réflecteur. / Reflektor-Kit. / Kit riflettore. / Kit refletor. / Комплект отражателей. /Zestaw odbłyśnika.

12





ELECTRA

05-9333-J6-M1

E-27 max. 23W / max. L=167mm Ø=51mm
Fluorescent - LED

IP 55

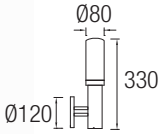
INOX AISI 202 | PC OPAL DIF | 4

P. 717

INOX p.889







EDWARDS

05-9613-CA-B8

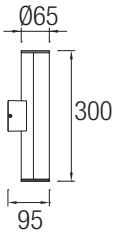
E-27 max. 75W / max. L=160mm Ø=50mm
Halogen - Fluorescent - LED

IP 44

INOX AISI 316 | GLA MAT DIF | 4 | R

P. 715





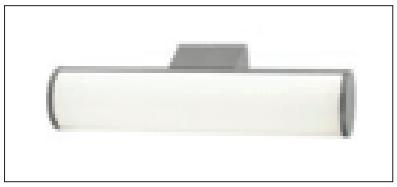
MONACO NEW

05-9780-34-M1

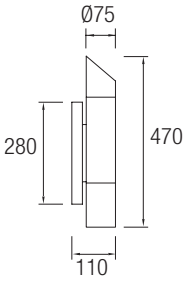
40 LED 100-240V 8W 600lm(N)
Warm white 3000K

IP 54

AL INJ | PC OPAL DIF | 6 | W WHITE







NEREO

05-8796-Y4-M1

E-27 max. 20W / max. L=167mm Ø=51mm
Fluorescent - LED

IP 44 | RF 850°C

INOX AISI 202 | PC OPAL DIF | 4

INOX p.889





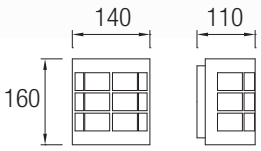
AJAX

05-9600-CA-B8

E-27 max. 40W / max. L=80mm Ø=55mm
Halogen - Fluorescent - LED

IP 44 | RF 850°C

INOX AISI 316 | GLA MAT DIF | 6





TREBBIN NEW

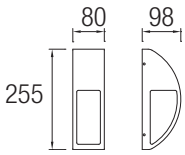
05-9777-CA-G5

12 LED SAMSUNG 110-230V 4,2W 540lm(N)
Warm white 3000K

IP 23

SELF

INOX AISI 316 | GLA OPAL DIF | 8 | WHITE





AJAX

05-9207-J6-M1

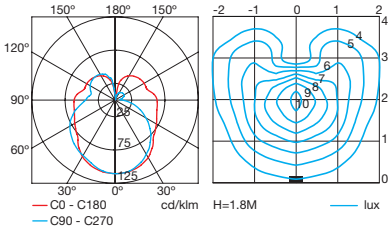
05-9207-Y4-M1

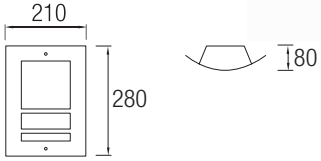
E-27 max. 60W / max. L=140mm Ø=70mm
Halogen - Fluorescent - LED

IP 54

INOX AISI 304 | PC MAT DIF | 6

PL 23W

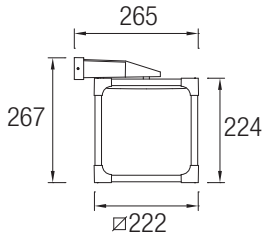




INOX
p.889


CAFE





VINTAGE NEW

05-9774-CC-M1

192 LED 100-240V 13W 1344lm(N)
Warm white 3000K

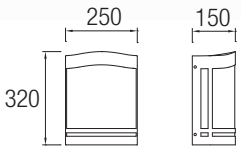
IP 54 IK 06

EAGLE RISE

AL PUR | PC OPAL DIF | 2 | ® | W WHITE

P. 677





SOPHIE

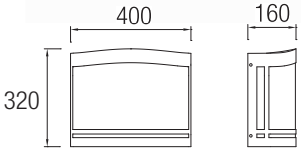
05-9509-Z5-37

E-27 max. 23W / max. L=165mm Ø=50mm
Fluorescent - LED

IP 23 RF 850°C

AL PUR | GLA TRAN DIF | GLA MAT DIF | 4 | ®





SOPHIE

05-9510-Z5-37

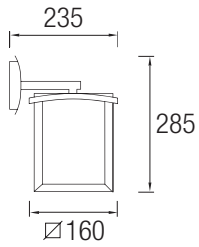
2 x E-27 max. 23W / max. L=165mm Ø=50mm
Fluorescent - LED

IP 23 RF 850°C

AL PUR | GLA TRAN DIF | GLA MAT DIF | 2 | ®







MARK

05-9298-14-M1 ☐ PC OPAL NEW

05-9298-Z5-M3 ■ PC MAT

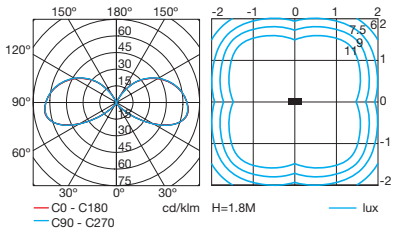
E-27 max. 100W / max. L=150mm
Halogen - Fluorescent - LED

IP 23

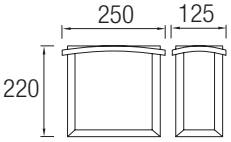
AL PUR | PC MAT DIF | PC OPAL DIF | IP+ | 6 | ®

P. 609 P. 607 P. 679 P. 709

PL 18W







MARK

05-9299-Z5-M3 ■

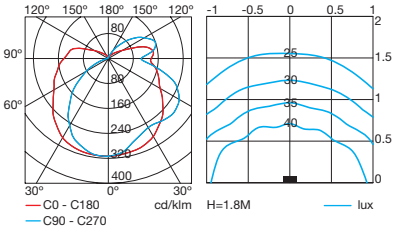
2 x E-27 max. 60W / max. L=150mm Ø=50mm
Halogen - Fluorescent - LED

IP 23

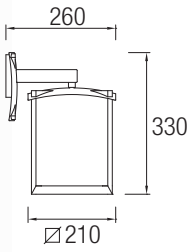
AL PUR | PC MAT DIF | IP+ | 6 | ®

P. 609 P. 607 P. 679 P. 709

PL 18W







MARK

05-9390-Z5-M3 ■

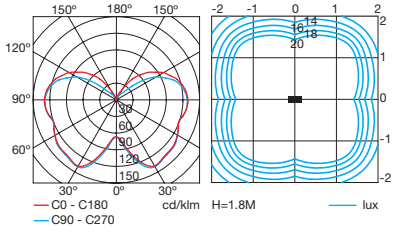
E-27 max. 100W / max. L=200mm
Halogen - Fluorescent - LED

IP 23

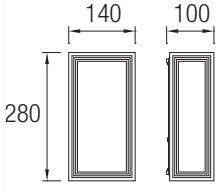
AL PUR | PC MAT DIF | IP+ | 4 | ®

P. 609 P. 607 P. 679 P. 709

PL 30W







THOMAS

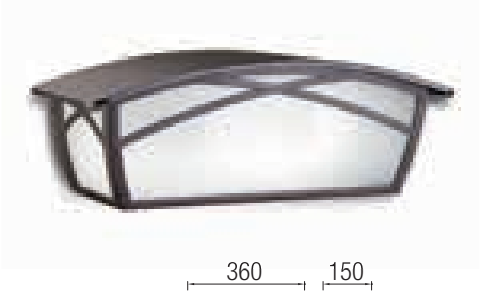
05-9686-Z5-M1 ■

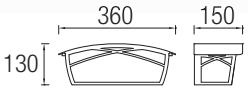
E-27 max. 23W / max. L=180mm
Fluorescent - LED

IP 44

AL INJ | PC OPAL DIF | 8







ALBA

05-9351-18-AA

E-27 max. 100W / max. Ø=60mm
Halogen - Fluorescent - LED

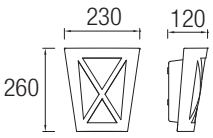
IP 23 · RF 850°C · AL PUR · GLA RUST DIF · 4 · ®

P. 611 · P. 607 · P. 681 · P. 719



2 juegos de cristales incluidos (rústico ámbar + transparente satinado)./ 2 sets of glasses included (rustic amber + transparent satin). / 2 jeux de verres fournis (rustique ambré + transparent satiné)./2 Scheibensätze eingeschl. (rustikal bersteinfarben + tranparent satiniert). / 2 set di vetri inclusi (rustico ambra + trasparente satinato)./ 2 jogos de vidros incluídos (rústico âmbar + transparente acetinado)./ 2 стекла включены в комплект (янтарное и прозрачное сатинированное). / Zawarte 2 komplety szkła (rustykalny bursztynowy + satynowany przezroczysty)





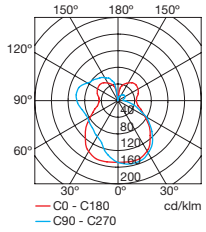
AJAX

05-9373-J6-M3

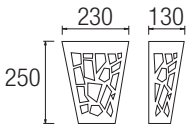
E-27 max. 60W / max. L=140mm Ø=70mm
Halogen - Fluorescent - LED

IP 54 · INOX AISI 304 · PC MAT DIF · 6 · ®

PL 30W







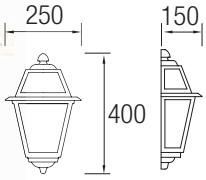
AJAX

05-9718-J6-M3

E-27 max. 60W / max. L=140mm Ø=70mm
Halogen - Fluorescent - LED

IP 54 · INOX AISI 304 · PC MAT DIF · 6 · ®





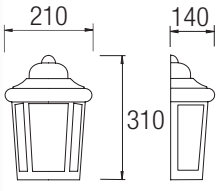
OCEANO

05-9158-18-AA

E-27 max. 100W / max. L=167mm Ø=51mm
Halogen - Fluorescent - LED

IP 23 · AL INJ · GLA RUST DIF · 6





PERSEO

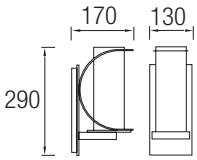
05-8762-18-37

E-27 max. 100W / max. L=152mm Ø=50mmm
Halogen - Fluorescent - LED

IP 23 · RF 850°C · AL INJ · GLA BEV DIF · 6







CIRI

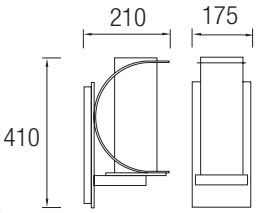
05-9330-05-B8

E-27 max. 100W / max. L=155mm
Halogen - Fluorescent - LED

IP 44 | RF 850°C

AL PUR | GLA OPAL DIF | IP+ | 6





CIRI

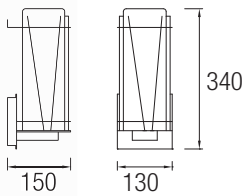
05-9331-05-B8

E-27 max. 100W / max. L=170mm
Halogen - Fluorescent - LED

IP 44 | RF 850°C

AL PUR | GLA OPAL DIF | IP+ | 6





REED

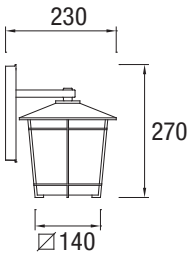
05-9356-05-B8

E-27 max. 100W / max. L=165mm
Halogen - Fluorescent - LED

IP 44 | RF 850°C

AL PUR | GLA OPAL DIF | IP+ | 6





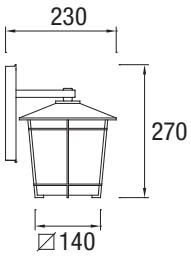
JANNA

05-9447-18-M3

E-27 max. 100W / max. L=165mm
Halogen - Fluorescent - LED

P. 611 P. 681





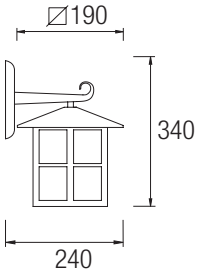
JANNA

05-9522-18-M3 (S)

6 LED 100-240V 4W 376lm(N)
Warm white 3000K

P. 611 P. 681





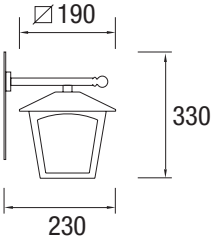
ODISEO

05-9126-18-AA

E-27 max. 100W / max. L=152mm Ø=50mm
Halogen - Fluorescent - LED

CRIS +





EDIPO

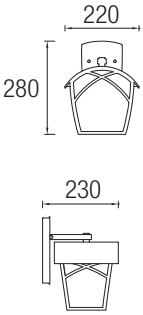
05-9149-18-AA

E-27 max. 100W / max. L=140mm Ø=51mm
Halogen - Fluorescent - LED

CRIS +







ALBA

05-9350-18-AA

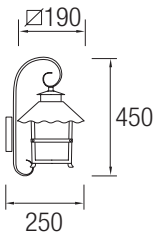
E-27 max. 100W / max. L=165mm
Halogen - Fluorescent - LED

P. 611 P. 607 P. 681 P. 719



2 juegos de cristales incluidos (rústico ámbar + transparente satinado)./ 2 sets of glasses included (rustic amber + transparent satin). / 2 jeux de verres fournis (rustique ambré + transparent satiné)./2 Scheibensätze eingeschl. (rustikal bersteinfarben + tranparent satiniert). / 2 set di vetri inclusi (rustico ambra + trasparente satinato)./ 2 jogos de vidros incluídos (rústico âmbar + transparente acetinado)./ 2 стекла включены в комплект (янтарное и прозрачное сатинированное). / Zawarte 2 komplety szkła (rustykalny bursztynowy + satynowany przezroczysty)



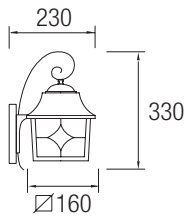


PERSEFONE

05-9202-18-AA

E-27 max. 100W / max. L=167mm Ø=51mm
Halogen - Fluorescent - LED





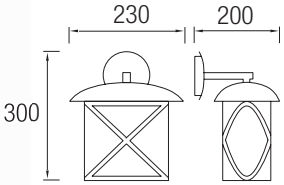
HERA

05-9124-18-37

E-27 max. 100W / max. L=117mm Ø=45mm
Halogen - Fluorescent - LED







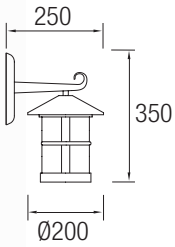
CROSS

05-9295-18-M3

E-27 max. 100W / max. L=180mm
Halogen - Fluorescent - LED

P. 611 P. 681 P. 719



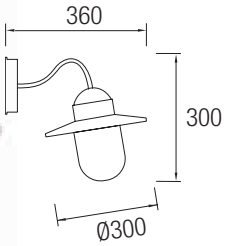


ITACA

05-9132-18-AA

E-27 max. 100W / max. L=167mm Ø=51mm
Halogen - Fluorescent - LED



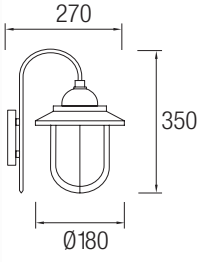


TRITON

05-8959-05-37

E-27 max. 100W / max. L=152 mm Ø=50mm
Halogen - Fluorescent - LED





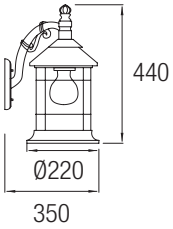
SIRENA

05-9104-18-M2

E-27 max. 60W / max. L=140mm Ø=51mm
Halogen - Fluorescent - LED







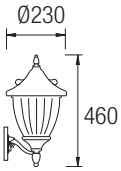
ANDREA NEW

05-9785-18-AA

E-27 max. 100W / max. L=180mm
Halogen - Fluorescent - LED

P. 613 P. 683 P. 729





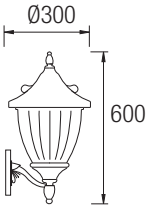
GALATEA

05-9151-18-E7

E-27 max. 100W / max. L=167mm
Halogen - Fluorescent - LED

P. 613 P. 683 P. 728





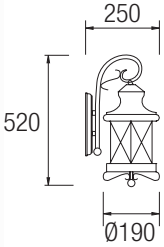
GALATEA

05-9152-18-E7

3 x E-14 max. 60W / max. L=120mm Ø=35mm
Halogen - Fluorescent - LED

P. 613 P. 683 P. 728





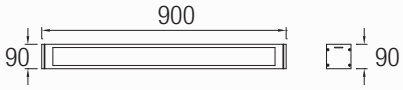
MORFEO

05-9175-18-AA

3 x E-14 max. 60W / max. L=120mm Ø=35mm
Halogen - Fluorescent - LED







AFRODITA

15-9560-34-37

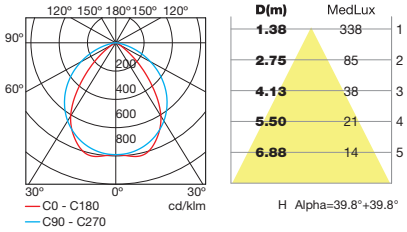
T5 39W Fluorescent 230V

IP 54 | IK 07 | RF 850°C

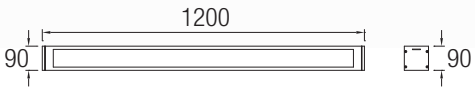
BAG

AL EXTR | GLA HARD DIF | ±15° | 2 | ®

T5 39W







AFRODITA

15-9561-34-37

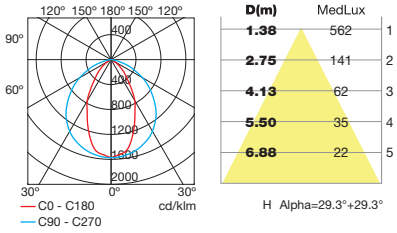
T5 54W Fluorescent 230V

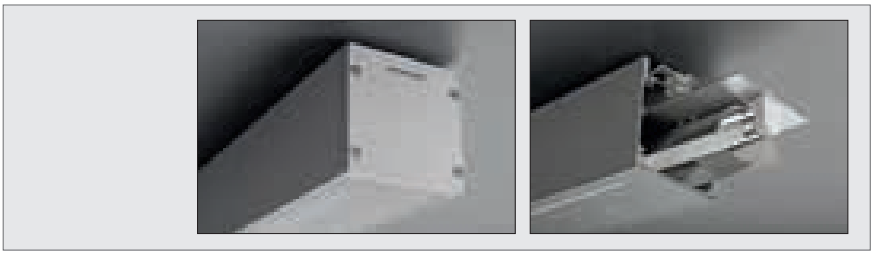
IP 54 | IK 07 | RF 850°C

BAG

AL EXTR | GLA HARD DIF | ±15° | 2 | ®

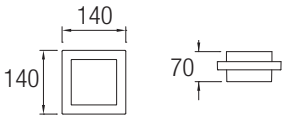
T5 54W











JEP

15-9688-34-M1

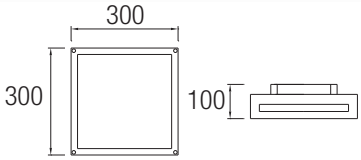
25 LED 110-230V 3,5W 370lm(N)
Warm white 3000K

IP 54 | IK 10 | RF 850°C

E

AL INJ | PC OPAL DIF | 12 | W WHITE





LEGGETT

15-9696-34-CD 3000K 1180lm(N)
15-9540-34-M3 4000K 1340lm(N)

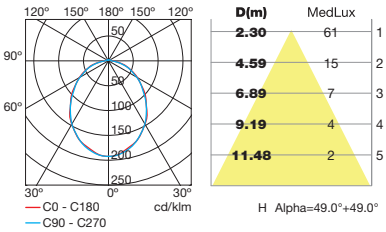
81 LED 220-240V 15W

IP 54 | IK 10 | RF 850°C

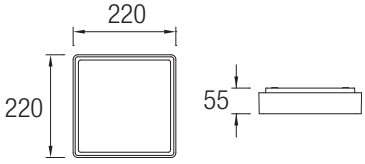
E

AL INJ | PC MAT DIF | 4 | W WHITE | N WHITE

LED 15W







KÖSSEL NEW

15-9778-34-CD

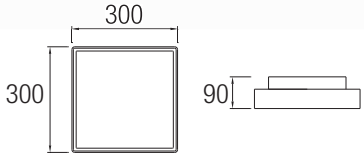
100 LED 220-240V 6,5W 715lm(N)
Warm white 3000K

IP 54 | IK 10

EAGLE RISE

ABS | PC MAT DIF | 12 | W WHITE





KÖSSEL

15-9619-34-M1

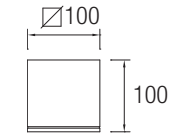
2 x E-27 max.18W / max. L=160mm Ø=50mm
Fluorescent - LED

IP 65 | IK 10

ABS | PC OPAL DIF | 6


103





AFRODITA

15-9680-34-37

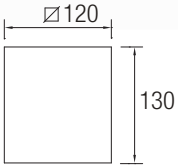
4 LED CREE 100-240V 9W 828lm(N)
Neutral white 4000K

IP 65 | IK 04 | RF 850°C

EAGLE RISE

AL INJ | GLA DIF | 40° | 8 | FILTER 3000K | DIFFUSER FILTER | N WHITE | W WHITE





AFRODITA

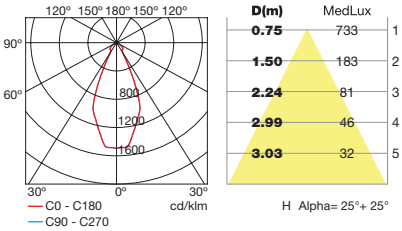
15-9558-CA-B8

Par-20/30 E-27 max. 50W /
max. L=98mm Ø=97mm
Halogen - Fluorescent - LED

IP 44 | IK 05 | RF 850°C

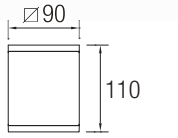
INOX AISI 316 | GLA MAT DIF | 4

Par-30 50W



INOX
p.889





AFRODITA

15-9480-34-37

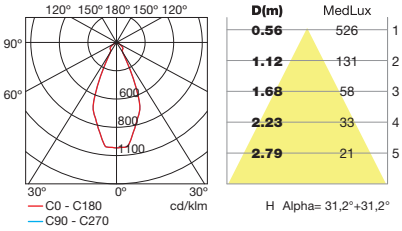
15-9480-Z5-37

GU-10 max. 35W / max. L=75mm
Halogen - Fluorescent - LED

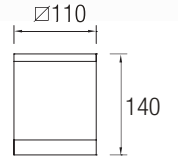
IP 54 | IK 05 | RF 850°C

AL INJ | GLA TRAN DIF | 8

GU-10 35W







AFRODITA

15-9328-34-B8

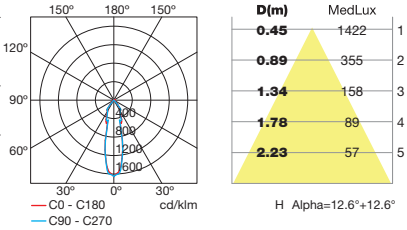
15-9328-Z5-B8

Par-30 E-27 max. 75W / max. L=90mm Ø=97mm
Halogen - Fluorescent - LED

IP 54 | IK 05 | RF 850°C | 0,5m

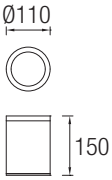
AL INJ | GLA TRAN DIF | 8

Par-30 75W









COSMOS

15-9362-34-37

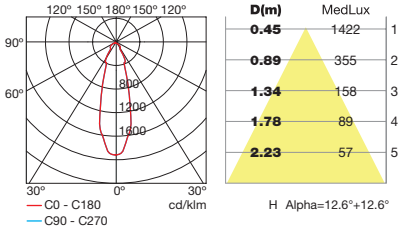
15-9362-Z5-37

Par-30 E-27 max. 75W / max. L=90mm Ø=97mm
Halogen - Fluorescent - LED

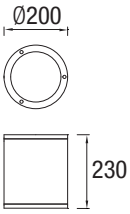
IP 65 | IK 07 | RF 850°C

AL PUR | GLA TRAN DIF | 8 | ®

Par-30 75W







COSMOS

15-9363-34-37

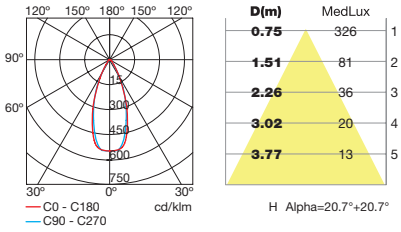
15-9363-Z5-37

Par-38 E-27 max. 80W / max. L=180mm
Halogen - Fluorescent - LED

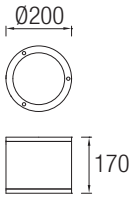
IP 65 | IK 08 | RF 850°C | 0,5m

AL INJ | GLA TRAN DIF | 36 | 4 | ®

PAR-38 80W







COSMOS

15-9365-34-T2

15-9365-Z5-T2

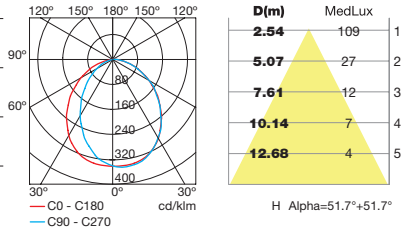
2 x GX24d-3 26W Fluorescent 230V

IP 65 | IK 08 | RF 850°C

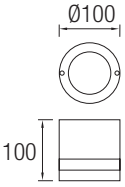
BAG

AL INJ | GLA MAT DIF | 36 | 2 | ®

2 x GX24d-3 26W







SELENE

15-9234-34-37

GU-10 max. 50W / max. L=70mm
Halogen - Fluorescent - LED

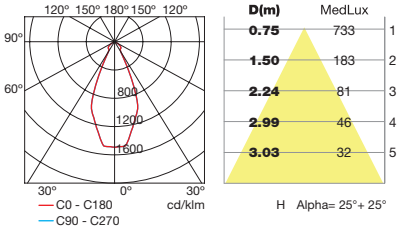
IP 54 | RF 850°C | 0,5m

OSRAM 35W

AL INJ | GLA TRAN DIF | PMMA DIF | 6

P. 551

GU-10 50W



Difusor de PMMA azul de cortesía./ Blue courtesy PMMA diffusor. / Diffuseur bleu en PMMA. / Blauer PMMA-Diffusor inklusive. / Diffusore in PMMA azzurro di cortesia. / Difusor de PMMA azul de oferta. / Голубой рассеиватель из ПММА в подарок. / Niebieski dyfuzor pomocniczy PMMA.





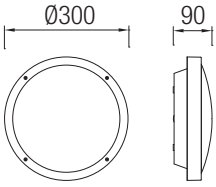
OPAL

15-9677-14-M1

2 x E-27 max. 23W / max. L=165mm Ø=55mm
Fluorescent - LED

IP 65 · IK 10 · RF 850°C

ABS · PC OPAL DIF · 12 · ®



P. 569

Base translúcida para recrear un efecto de luz decorativo en la superficie.
Traslucent base to create a decorative light effect on the surface.
Socle translucide pour recréer un effet de lumière décoratif en surface.
Durchscheinende Rückseite zur Schaffung von dekorativen Lichteffekten.
Base traslucida per ricreare un effetto di luce decorativo in superficie.
Base translúcida para recriar um efeito de luz decorativo na superfície.
Полупрозрачная основа для создания декоративного светового эффекта на поверхности.
Półprzezroczysta podstawa dla wytworzenia efektu światła dekoracyjnego na powierzchni.



LED KIT

71-9711-00-00 Neutral white 4000K 1400lm(n)

71-9712-00-00 Warm white 3000K 1350lm(n)

36 LED 100-240V 13W

EAGLE RISE

N WHITE · W WHITE

Kit LED para / LED kit for / Kit LED pour / LED-Kit für / Kit LED per / Kit LED para / Комплект СД для / Zestaw LED dla / **15-9677**



OPAL

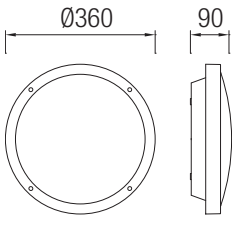
15-9678-14-M1

2 x E-27 max. 30W / max. L=180mm Ø=55mm
Halogen - Fluorescent - LED

IP 65 · IK 10

ABS · PC OPAL DIF · 6 · ®

360° · 1-10m · TIME 6s-12m · LUX 2-2000



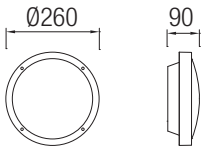
P. 569

SENSOR DE MICROONDAS.
MICROWAVE SENSOR
CAPTEUR À MICRO-ONDES
MIKROWELLENSENSOR.
SENSORE DI MICROONDE.
SENSOR DE MICRO-ONDAS. МИКРОВОЛНОВЫЙ ДАТЧИК
CZUJNIK MIKROFAL.

Base translúcida para recrear un efecto de luz decorativo en la superficie.
Traslucent base to create a decorative light effect on the surface.
Socle translucide pour recréer un effet de lumière décoratif en surface.
Durchscheinende Rückseite zur Schaffung von dekorativen Lichteffekten.
Base traslucida per ricreare un effetto di luce decorativo in superficie.
Base translúcida para recriar um efeito de luz decorativo na superfície.
Полупрозрачная основа для создания декоративного светового эффекта на поверхности.
Półprzezroczysta podstawa dla wytworzenia efektu światła dekoracyjnego na powierzchni.







BASIC

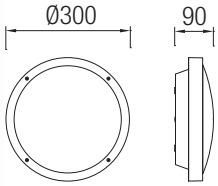
15-9491-34-M3

E-27 max. 18W / max. L=165mm Ø=55mm
Fluorescent - LED

IP 65 · IK 10 · RF 850°C

ABS · PC MAT DIF · 12 · ® · P. 569 · P. 619,623





BASIC

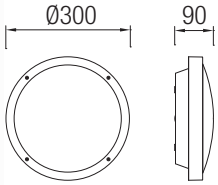
15-9493-34-M3

2 x E-27 max. 23W / max. L=165mm Ø=55mm
Fluorescent - LED

IP 65 · IK 10 · RF 850°C

ABS · PC MAT DIF · 12 · ® · P. 569 · P. 619,623





BASIC

15-9676-34-M3

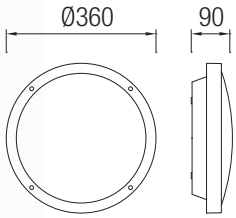
2 x G24q-2 18W Fluorescent 230V

IP 65 · IK 10 · RF 850°C

BAG

ABS · PC MAT DIF · 6 · ® · P. 569 · P. 619,623





BASIC

15-9542-34-M3

2 x E-27 max. 23W / max. L=180mm
Fluorescent - LED

IP 65 · IK 10 · RF 850°C

ABS · PC MAT DIF · 6 · ® · P. 569 · P. 619,623



LED KIT

71-9711-00-00 Neutral white 4000K 1400lm(n)

71-9712-00-00 Warm white 3000K 1350lm(n)

36 LED 100-240V 13W

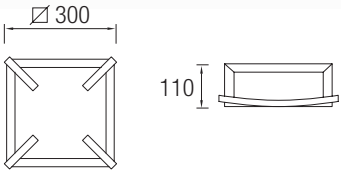
EAGLE RISE

N WHITE · W WHITE

Kit LED para / LED kit for / Kit LED pour / LED-Kit für / Kit LED per / Kit LED para / Комплект СД для / Zestaw LED dla / **15-9491,15-9493, 15-9542**







MARK

15-9298-Z5-M3

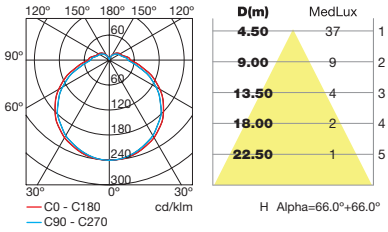
2 x E-27 max. 100W /
max. L= 167mm Ø=50mm
Halogen - Fluorescent - LED

IP 44

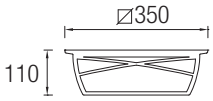
AL PUR | PC MAT DIF | 6 | R

P. 581 P. 609 P. 679 P. 709

PL 23W







ALBA

15-9350-18-AA

2 x E-27 max. 100W /
max. L=200mm Ø=52mm
Halogen - Fluorescent - LED

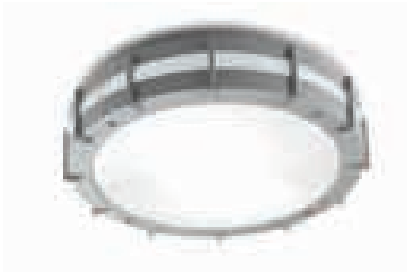
IP 23 | RF 850°C

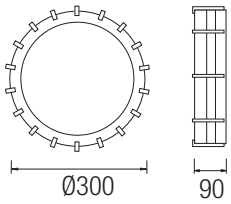
AL PUR | GLA RUST DIF | 4 | R

P. 583, 589 P. 611 P. 681 P. 719



2 juegos de cristales incluidos (rústico ámbar + transparente satinado)./ 2 sets of glasses included (rustic amber + transparent satin). / 2 jeux de verres fournis (rustique ambré + transparent satiné)./2 Scheibensätze eingeschl. (rustikal bersteinfarben + tranparent satiniert). / 2 set di vetri inclusi (rustico ambra + trasparente satinato)./ 2 jogos de vidros incluídos (rústico âmbar + transparente acetinado)./ 2 стекла включены в комплект (янтарное и прозрачное сатинированное)./ Zawarte 2 komplety szkła (rustykalny bursztynowy + satynowany przezroczysty)





SIMS

15-9717-34-M1

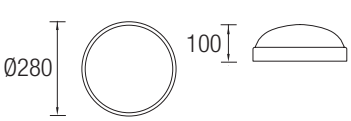
2 x E-27 max. 23W / max. L=200mm Ø=51mm
Fluorescent - LED

IP 44

AL INJ | PC OPAL DIF | 4

P. 571 P. 709





ECLIPSE

15-9300-34-M3

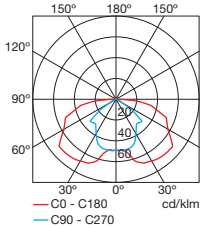
2 x G24d-3 26W Fluorescent 230V

IP 54 | IK 10

TEC POLI | PC MAT DIF | 6 | R

P. 567

2 x G24d-3 26W







KAP

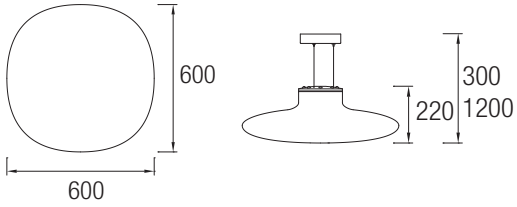
00-9669-14-M1 ☐

4 x E-27 max. 13W / max. L=120mm Ø50mm
Fluorescent - LED

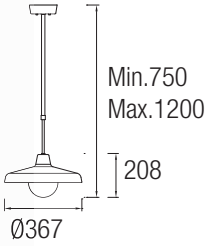
☐ IP 44 IK 08

PE

P. 667







JAMBO NEW

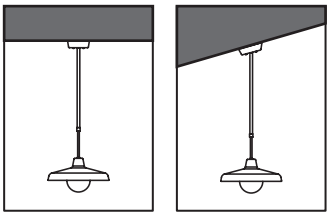
00-9742-Z5-M1 ■

E-27 max. 18W / max. L=120mm Ø=50mm
Fluorescent - LED

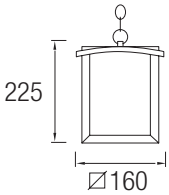
☐ IP 44 IK 03

AL PUR PC OPAL DIF

P. 669







MARK

00-9298-14-M1 ☐ PC OPAL NEW

00-9298-Z5-M3 ■ PC MAT

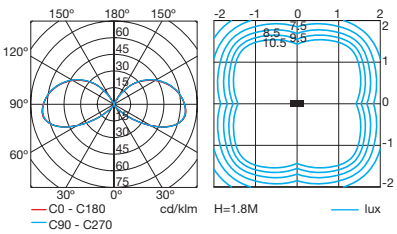
E-27 max. 100W / max. L=150mm
Halogen - Fluorescent - LED

IP 23

AL PUR PC MAT DIF PC OPAL DIF IP+

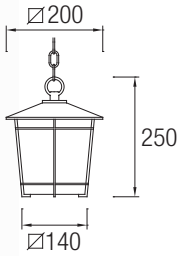
P. 581 P. 607 P. 679 P. 709

PL 18W









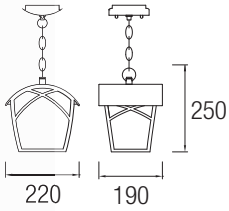
JANNA

00-9522-18-M3 (S)

6 LED 100-240V 4W 376lm(N)
Warm white 3000K

P. 587 P. 681





ALBA

00-9350-18-AA

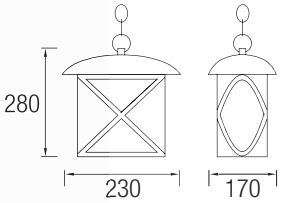
E-27 max. 100W / max. L=165mm
Halogen - Fluorescent - LED

P. 583, 589 P. 607 P. 681 P. 719



2 juegos de cristales incluidos (rústico ámbar + transparente satinado)./ 2 sets of glasses included (rustic amber + transparent satin). / 2 jeux de verres fournis (rustique ambré + transparent satiné)./2 Scheibensätze eingeschl. (rustikal bersteinfarben + tranparent satiniert). / 2 set di vetri inclusi (rustico ambra + trasparente satinato)./ 2 jogos de vidros incluídos (rústico âmbar + transparente acetinado)./ 2 стекла включены в комплект (янтарное и прозрачное сатинированное). / Zawarte 2 komplety szkła (rustykalny bursztynowy + satynowany przezroczysty)





CROSS

00-9295-18-M3

E-27 max. 100W / max. L=180mm
Halogen - Fluorescent - LED

P. 591 P. 681 P. 719





ANDREA NEW

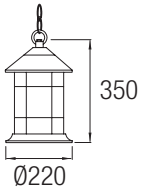
00-9785-18-AA

E-27 max. 100W / max. L=180mm
Halogen - Fluorescent - LED

IP 23

AL | GLA BU DIF | IP+ | 6 | ®

P. 593 P. 683 P. 729





GALATEA

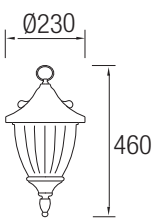
00-9151-18-E7

E-27 max. 100W / max. L=167mm Ø=51mm
Halogen - Fluorescent - LED

IP 23 | RF 850°C

AL INJ | GLA DIF | IP+ | 4

P. 593 P. 683 P. 728





BARCELÓ HOTEL, SANTO DOMINGO.



GEA

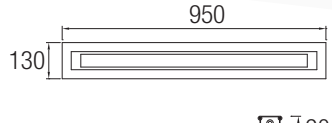
15-9562-34-37

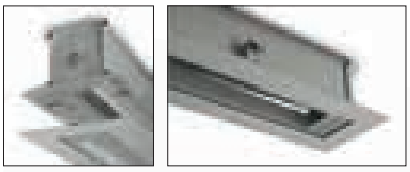
T5 39W Fluorescent 230V

IP 54 | IK 07 | RF 850°C

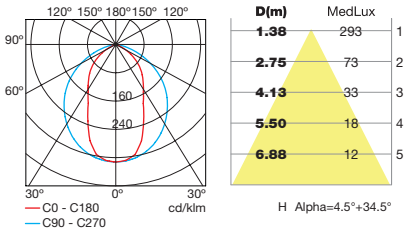
BAG

AL EXTR | GLA HARD DIF | ±15° | 45 | 2





T5 39W





GEA

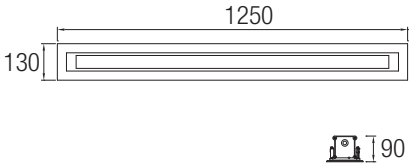
15-9563-34-37

T5 54W Fluorescent 230V

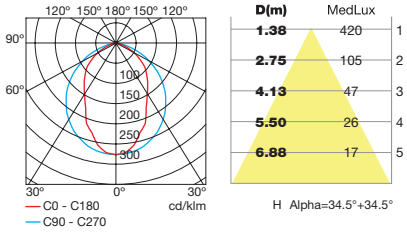
IP 54 | IK 07 | RF 850°C

BAG

AL EXTR | GLA HARD DIF | ±15° | 48 | 2



T5 54W





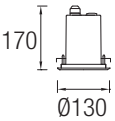
GEA

15-9708-Y4-37

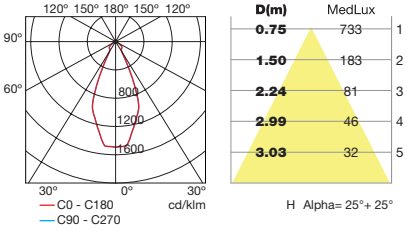
GU-10 / MR-16 max. 50W / L=65mm
Halogen - Fluorescent - LED

IP 67 | IK 08 | RF 850°C | 0,2m

INOX AISI 316 | TEC POLI | GLA TRAN DIF | 37 | 4



GU-10 50W



Incluye 2 portalámparas: GU10 y GU5.3 (MR16). / Includes 2 lampholders: GU10 and GU5.3 (MR16). / 2 douilles fournies: GU10 et GU5.3 (MR16). / Einschließlich 2 Fassungen: GU10 und GU5.3 (MR16). / Comprende 2 portalampade: GU10 e GU5.3 (MR16). / Inclui 2 suportes de casquilho: GU10 e GU5.3 (MR16). / В набор включены 2 патрона: GU10 и GU5.3 (MR16)./ Zawiera 2 oprawki: GU10 i GU5.3 (MR16).



71-9448-CA-CA

Aro de acero inoxidable AISI 316 para / AISI 316 Stainless steel ring for / Anneau en acier inoxydable AISI 316 pour / Ring aus Edelstahl AISI 316 für / Anello d'acciaio inossidabile AISI 316 per / Aro de aço inoxidável AISI 316 para /Кольцо из нержавеющей стали AISI 316 для / Obręcz ze stali nierdzewnej AISI 316 dla **15-9708**

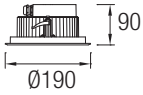
INOX AISI 316 | 20

INOX
p.889



McDONALD'S SABADELL, SPAIN.





GEA

15-9665-CA-37

9 LED PHILIPS 230V 18W 1845lm(N)
Neutral white 4200K

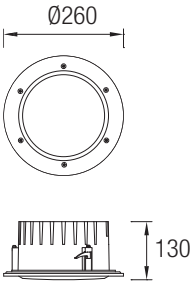
IP 66 | IK 08 | RF 850°C

EAGLE RISE

INOX AISI 316 | GLA DIF | ±15° | 25° | 81 | R | 2

FILTER 3000K | DIFFUSER FILTER | N WHITE | W WHITE





GEA

15-9659-M3-CD

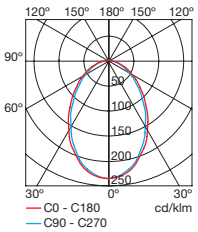
2 x GX24d-3 26W 230V

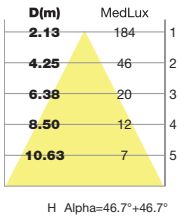
IP 44 | IK 10 | RF 850°C

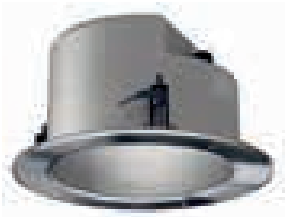
BAG

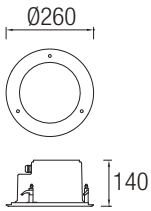
PC | 54 | 4 | R

2 x GX24d-3 26W









GEA

15-9391-Y4-B8

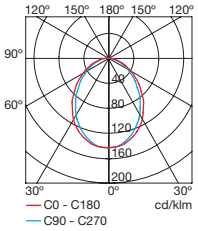
GX24d-3 26W 230V

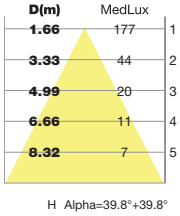
IP 66 | IK 08 | RF 850°C

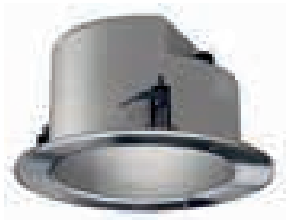
BAG

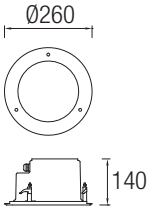
INOX AISI 304 | AL INJ | GLA MAT DIF | 38 | 4 | R

GX24d-3 26W









GEA

15-9392-Y4-B8

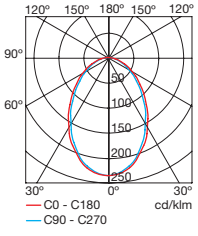
2 x GX24d-3 26W 230V

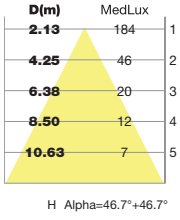
IP 66 | IK 08 | RF 850°C

BAG

INOX AISI 304 | AL INJ | GLA MAT DIF | 38 | 4 | R

2 x GX24d-3 26W



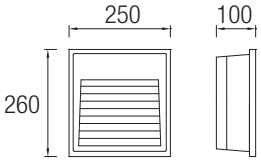


Caja para empotrar en techo de hormigón: página 880
Built-in concrete ceiling box: page 880
Boîtier à encastrer dans un plafond en béton: page 880
Gehäuse zum Einbau in Betondecke: Seite 880
Scatola per incasso a soffitto in cemento: pagina 880
Caixa para encastrar em tetos de betão: página 800
Встраиваемая в цементный потолок коробка 880
Skrzynka do wbudowania w betonowy sufit: strona 880

INOX
p.889







MICENAS

05-9434-34-T2

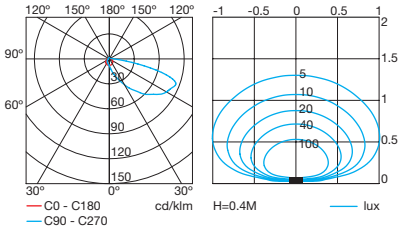
G24d-3 26W Fluorescent 230V

IP 54 | IK 04 | RF 850°C

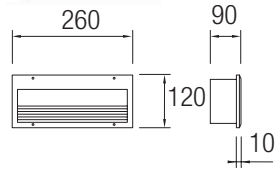
BAG

AL INJ | GLA MAT DIF | 13 | 2 | INCLUDED

G24 d-3 26W







MICENAS

05-9179-14-B8

05-9179-34-B8

05-9179-Z5-B8

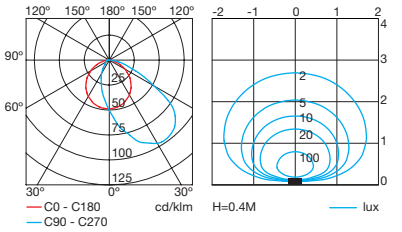
G24d-3 26W Fluorescent 230V

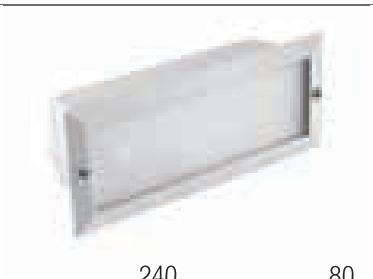
IP 44 | IK 06 | RF 850°C

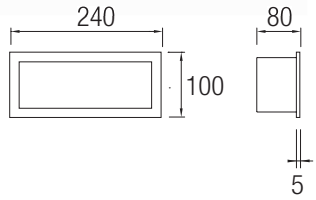
BAG / VOSSLOH

AL INJ | GLA MAT DIF | 6 | 18 | INCLUDED

G24d-3 26W







HERCULES

05-8961-05-B8

05-8961-14-B8

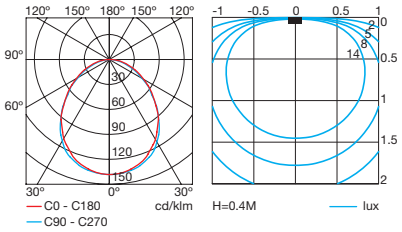
05-8961-34-B8

E-27 max. 60W / max. L=145mm Ø=45mm
Halogen - Fluorescent - LED

IP 44 | IK 08 | RF 850°C

AL INJ | GLA MAT DIF | 1 | 18 | INCLUDED

PL 20W



LED KIT

71-9713-00-00 Neutral white 4000K 432lm(N)

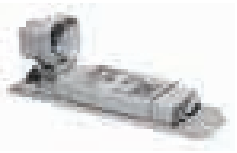
71-9714-00-00 Warm white 3000K 382lm(N)

54 LED 100-240V 3,5W

EAGLE RISE

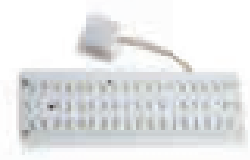
N WHITE | W WHITE

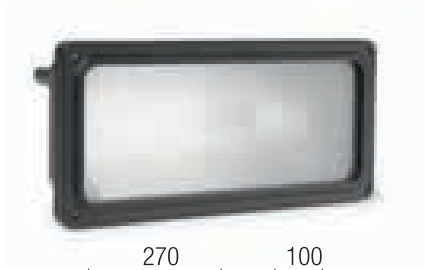
Kit LED para / LED kit for / Kit LED pour / LED-Kit für / Kit LED per / Kit LED para / Комплект СД для / Zestaw LED dla **05-8961**

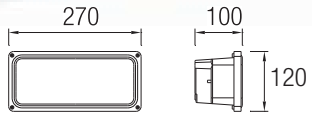


71-8969-00-00

Reactancia para / Ballast for / Ballast pour / Vorschaltgerät für / Reattanza per / Reactância para / Реактивное сопротивление для / Reaktancja dla **05-8961**







BASIC

05-9589-Z5-T2 (S)

G24d-3 26W Fluorescent 230V

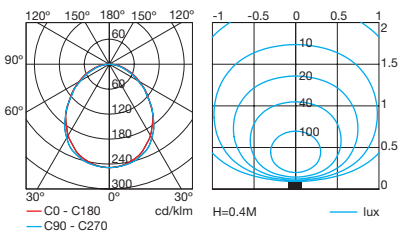
IP 65 | IK 04

BAG

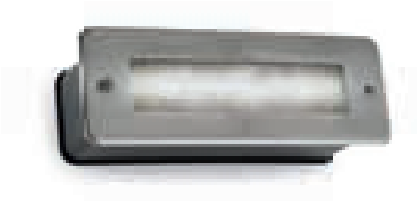
TEC POLI | GLA MAT DIF | 19 | 6 | INCLUDED

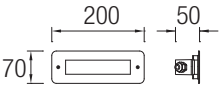
P. 569 P. 605

G24d-3 26W









GEA

05-9653-CA-M2

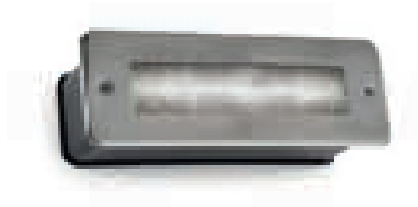
10 LED 110-230V 1W 107lm(N)
Neutral white 4000K

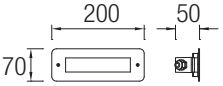
IP 65 | IK 10 | RF 850°C

INOX AISI 316 | PC PRISM DIF | 27 | 8 | INCLUDED | FILTER 3000K | N WHITE | W WHITE

INOX p.889

Difusor prismatizado para evitar deslumbramiento./
Prismatic diffuser to prevent glare./
Diffuseur prismatisé anti-éblouissement./
Prismatisierter Diffusor als Blendschutz./
Diffusore prismatizzato per evitare abbagliamento./
Difusor prismático para evitar o encandeamento./
Призматический рассеиватель для избежания ослепления/
Pryzmatyczny dyfuzor dla uniknięcia oślenienia.





GEA

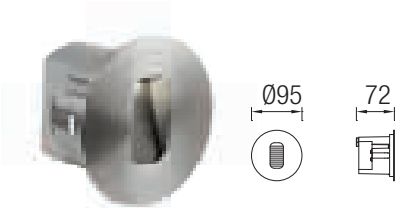
05-9654-CA-M2

3 LED CREE 100-240V 3W 366lm(N)
Neutral white 4000K

IP 65 | IK 10 | RF 850°C

EAGLE RISE

INOX AISI 316 | PC PRISM DIF | 27 | 8 | INCLUDED | FILTER 3000K | N WHITE | W WHITE



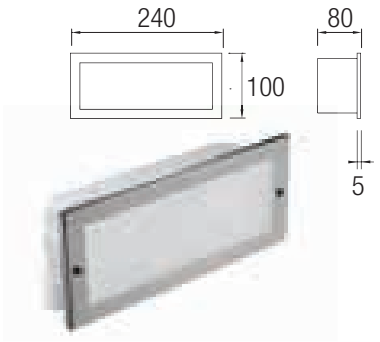
MICENAS NEW

05-9757-Y4-37

LED CREE 100-240V 2,2W 207lm(N)
Warm white 3000K

IP 65 | IK 10 | RF 850°C

INOX AISI 304 | GLA TRAN DIF | 47 | 24 | INCLUDED | W WHITE



HERCULES

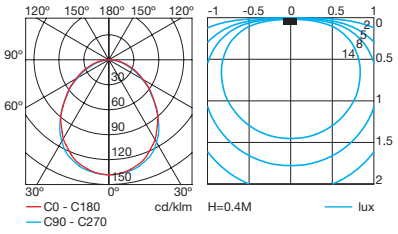
05-9211-CA-T2 INOX AISI 316
05-9211-Y4-T2 INOX AISI 202

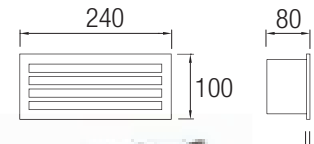
E-27 max. 60W / max. L=145mm Ø=45mm
Halogen - Fluorescent - LED

IP 44 | IK 08 | RF 850°C

INOX AISI 316 | INOX AISI 202 | GLA MAT DIF | 1 | 18 | INCLUDED

PL 20W





HERCULES

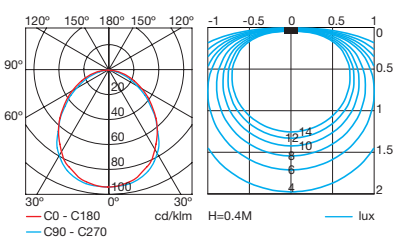
05-9212-CA-T2 INOX AISI 316
05-9212-Y4-T2 INOX AISI 202

E-27 max. 60W / max. L=145mm Ø=45mm
Halogen - Fluorescent - LED

IP 44 | IK 08 | RF 850°C

INOX AISI 316 | INOX AISI 202 | GLA MAT DIF | 1 | 18 | INCLUDED

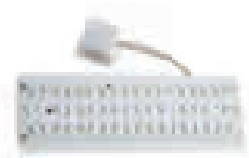
PL 20W





71-8969-00-00

Reactancia para / Ballast for / Ballast pour / Vorschaltgerät für / Reattanza per / Reactância para / Реактивное сопротивление для / Reaktancja dla
05-9211 / 05-9212



LED KIT

71-9713-00-00 Neutral white 4000K 432lm(N)
71-9714-00-00 Warm white 3000K 382lm(N)

54 LED 100-240V 3,5W

EAGLE RISE

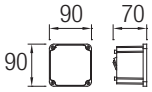
N WHITE | W WHITE

Kit LED para / LED kit for / Kit LED pour / LED-Kit für / Kit LED per / Kit LED para / Комплект СД для / Zestaw LED dla **05-9211 / 05-9212**









BASIC

05-9583-05-M3

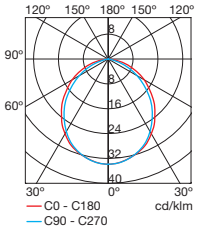
GX53 max. 9W
Fluorescent - LED

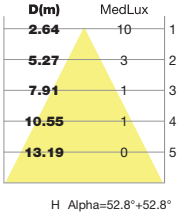
IP 65 IK 10

PC MAT 39 20 INCLUDED

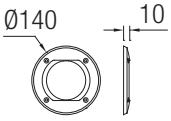
P. 569 P. 605

LED 1,5W









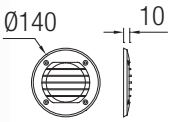
BASIC

71-9583-Z5-Z5

Accesorio para / Accessory for / Accessoire pour / Zubehör für / Accessorio per / Acessório para / Принадлежность для / Akcesorium do **05-9583**

ABS 100





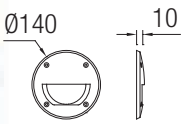
BASIC

71-9584-Z5-Z5

Accesorio para / Accessory for / Accessoire pour / Zubehör für / Accessorio per / Acessório para / Принадлежность для / Akcesorium do **05-9583**

ABS 100



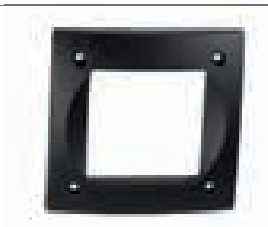


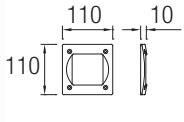
BASIC

71-9585-Z5-Z5

Accesorio para / Accessory for / Accessoire pour / Zubehör für / Accessorio per / Acessório para / Принадлежность для / Akcesorium do **05-9583**

ABS 100





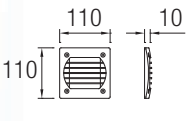
BASIC

71-9586-Z5-Z5

Accesorio para / Accessory for / Accessoire pour / Zubehör für / Accessorio per / Acessório para / Принадлежность для / Akcesorium do **05-9583**

ABS 100



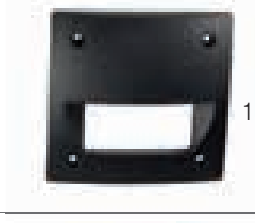


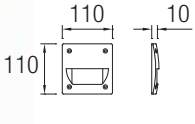
BASIC

71-9587-Z5-Z5

Accesorio para / Accessory for / Accessoire pour / Zubehör für / Accessorio per / Acessório para / Принадлежность для / Akcesorium do **05-9583**

ABS 100



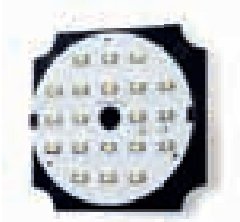


BASIC

71-9588-Z5-Z5

Accesorio para / Accessory for / Accessoire pour / Zubehör für / Accessorio per / Acessório para / Принадлежность для / Akcesorium do **05-9583**

ABS 100



LED KIT

71-9709-00-00 Neutral white 4000K 160lm(N)

71-9710-00-00 Warm white 3000K 142lm(N)

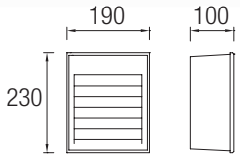
20 LED 100-240V 1,5W

N WHITE W WHITE

Kit LED para / LED kit for / Kit LED pour / LED-Kit für / Kit LED per / Kit LED para / Комплект СД для / Zestaw LED dla **05-9583**







MICENAS NEW

05-9772-34-M2

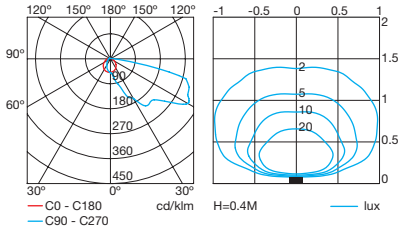
27 LED 220-240V 3W 297lm(N)
Neutral white 4000K

IP 65 | IK 04 | RF 850°C

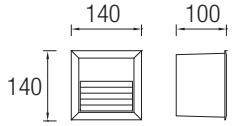
AL INJ | PC TRAN DIF | 8 | 4 | INCLUDED | FILTER 3000K

N WHITE | W WHITE

LED 3W







MICENAS NEW

05-9770-34-M2

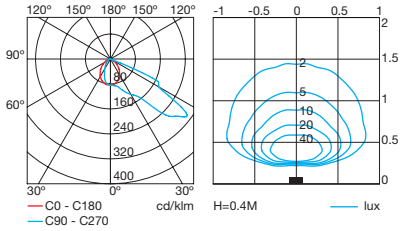
18 LED 220-240V 2W 198lm(N)
Neutral white 4000K

IP 65 | IK 04 | RF 850°C

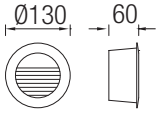
AL INJ | PC TRAN DIF | 5 | 20 | INCLUDED | FILTER 3000K

N WHITE | W WHITE

LED 2W







MICENAS NEW

05-9771-34-M2

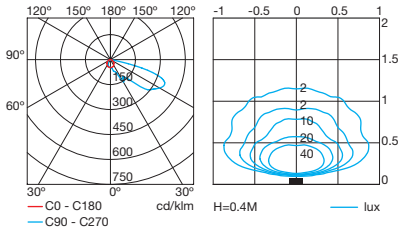
14 LED 220-240V 1,5W 154lm(N)
Neutral white 4000K

IP 65 | IK 04 | RF 850°C

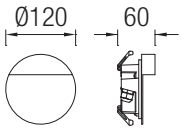
AL INJ | PC TRAN DIF | 4 | 40 | INCLUDED | FILTER 3000K

N WHITE | W WHITE

LED 1,5W







MICENAS

05-9705-34-37

LED CREE 100-240V 2,2W 207lm(N)
Neutral white 4000K

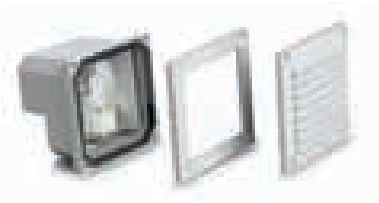
IP 65 | IK 08 | RF 850°C

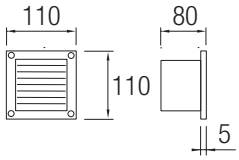
EAGLE RISE

AL INJ | GLA TRAN DIF | 25 | 8 | INCLUDED | FILTER 3000K

N WHITE | W WHITE







MICENAS

05-9182-34-B8

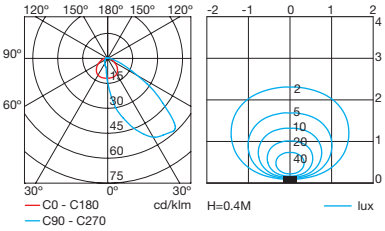
G9 max. 40W

IP 65 | IK 04 | RF 850°C

40W

AL INJ | GLA MAT DIF | 7 | 12 | INCLUDED

G9 40W





DALTON

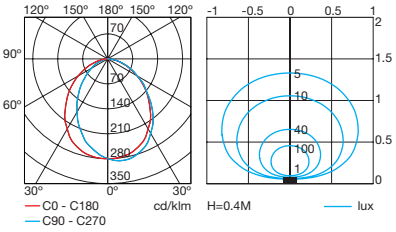
05-9467-34-B8 (S)

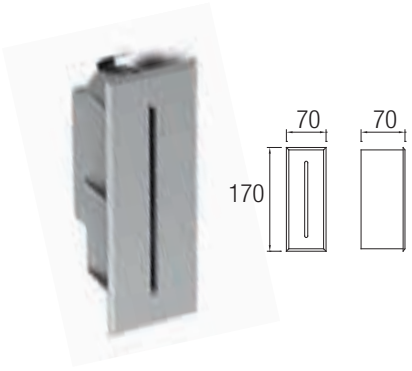
2 x G24d-2 18W Fluorescent 230V

IP 54 | IK 04 | RF 850°C

AL PUR | GLA MAT DIF | 89 | 2 | INCLUDED

2 x G24d-2 18W





MICENAS

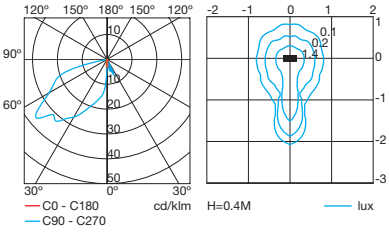
05-9596-34-37

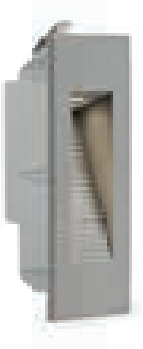
LED CREE 100-240V 2,2W 207lm(N)
Neutral white 4000K

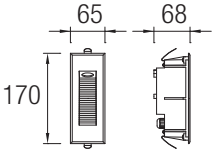
IP 54 | RF 850°C

AL INJ | GLA TRAN DIF | 93 | 12 | INCLUDED | N WHITE

LED 3W







MICENAS NEW

05-9758-34-37

LED CREE 100-240V 2,2W 182lm(N)
Warm white 3000K

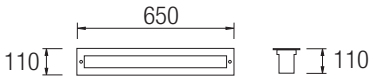
IP 65 | IK 10 | RF 850°C

AL INJ | GLA TRAN DIF | 93 | 18 | INCLUDED | W WHITE



CROWNE PLAZA HOTEL. LIÈGE, BELGIUM.





GEA

55-9264-Y4-37

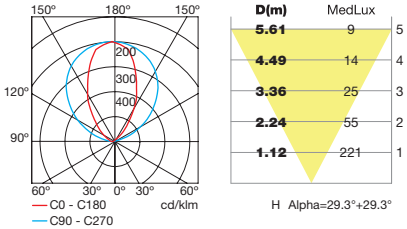
T5 24W Fluorescent 230V <40°C

IP 67 | IK 08 | RF 850°C

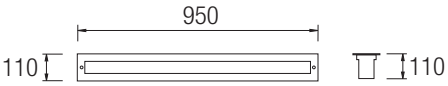
BAG

INOX AISI 304 | GLA HARD DIF | UVA GLA DIF | ±15° | INCLUDED | 59 | R | 2 | 2000Kg.

T5 24W







GEA

55-9265-Y4-37

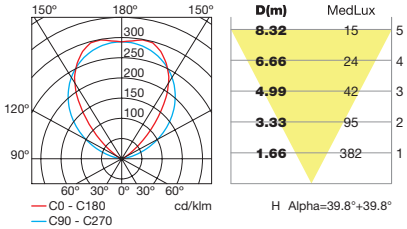
T5 39W Fluorescent 230V <40°C

IP 67 | IK 08 | RF 850°C

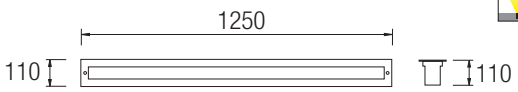
BAG

INOX AISI 304 | GLA HARD DIF | UVA GLA DIF | ±15° | INCLUDED | 60 | R | 2 | 2000Kg.

T5 39W







GEA

55-9266-Y4-37

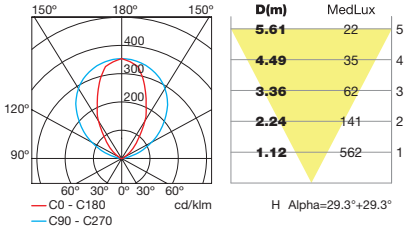
T5 54W Fluorescent 230V <40°C

IP 67 | IK 08 | RF 850°C

BAG

INOX AISI 304 | GLA HARD DIF | UVA GLA DIF | ±15° | INCLUDED | 66 | R | 2 | 2000Kg.

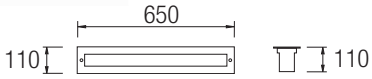
T5 54W



INOX
p.889







GEA

55-9523-Y4-37

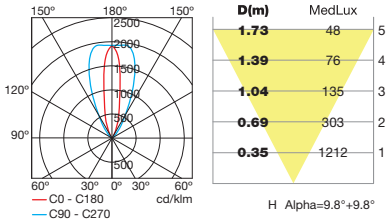
12 LED PHILIPS 100-240V 12W 1368lm(N)
Neutral white 4000K <40°C

IP 67 | IK 08 | RF 850°C

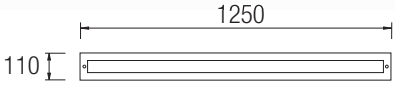
MEANWELL

INOX AISI 304 | GLA HARD DIF | UVA GLA DIF | ±15° | INCLUDED | 59 | 19x 48° | 2 | 2000Kg. | N WHITE

LED 12W







GEA

55-9527-Y4-37

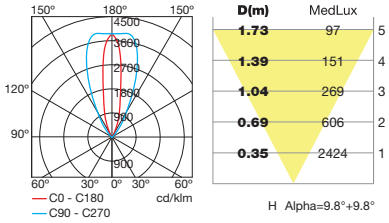
24 LED PHILIPS 100-240V 24W 2736lm(N)
Neutral white 4000K <40°C

IP 67 | IK 08 | RF 850°C

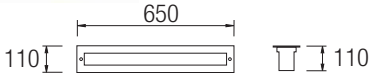
MEANWELL

INOX AISI 304 | GLA HARD DIF | UVA GLA DIF | ±15° | INCLUDED | 66 | 19x 48° | 2 | 2000Kg. | N WHITE

LED 24W







GEA

55-9524-Y4-37

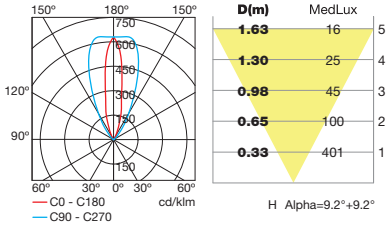
12 LED PHILIPS 100-240V 12W
RGB <40°C

IP 67 | IK 08 | RF 850°C

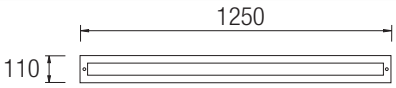
MEANWELL + DMX controller

INOX AISI 304 | GLA HARD DIF | UVA GLA DIF | ±15° | INCLUDED | 59 | 19x 48° | 2 | 2000Kg. | RGB LIGHT

LED 12W Verde / Green







GEA

55-9528-Y4-37

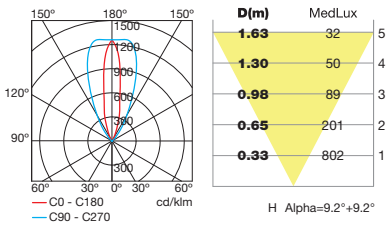
24 LED PHILIPS 100-240V 24W
RGB <40°C

IP 67 | IK 08 | RF 850°C

MEANWELL + DMX controller

INOX AISI 304 | GLA HARD DIF | UVA GLA DIF | ±15° | INCLUDED | 66 | 19x 48° | 2 | 2000Kg. | RGB LIGHT

LED 24W Verde / Green

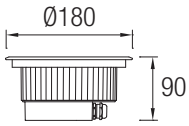


Para versión en blanco DMX dimable CONSULTAR
Please consult your sales representative for white DMX dimmable version
Veuillez nous consulter pour la version en blanc DMX dimmable (à variateur)
Ausführung in weiß DMX mit dimmbar AUF ANFRAGE
Per la versione in bianco DMX dimmerabile sollecitare informazioni
Para versão em branco DMX dimerável CONSULTAR
СПРОСИТЕ о наличии версии DMX в белом цвете
Wersja biała DMX na zapytanie

INOX
p.889







GEA

55-9665-CA-37

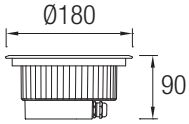
9 LED PHILIPS 100-240V 9W 1026lm(N)
Neutral white 4000K <40°C

IP 67 · IK 08 · RF 850°C

EAGLE RISE

INOX AISI 316 · GLA HARD DIF · 25° · ±15° · INCLUDED · 56 · 2 · FILTER 3000K · DIFFUSER FILTER · 1800Kg. · N WHITE · W WHITE





GEA

55-9667-CA-37

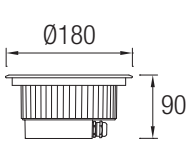
9 LED PHILIPS 230V 18W 1845lm(N)
Neutral white 4000K <40°C

IP 67 · IK 08 · RF 850°C

EAGLE RISE

INOX AISI 316 · GLA HARD DIF · 25° · ±15° · INCLUDED · 56 · 2 · FILTER 3000K · DIFFUSER FILTER · 1800Kg. · N WHITE · W WHITE





GEA

55-9666-CA-37

9 LED PHILIPS 9W **EASY RGB** <40°C

IP 67 · IK 08 · RF 850°C

INOX AISI 316 · GLA HARD DIF · 25° · ±15° · INCLUDED · 56 · 2 · DIFFUSER FILTER · 1800Kg. · RGB LIGHT

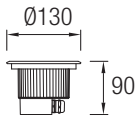
p.877

Este aparato sólo funciona con los controladores EASY RGB: /
This fitting only works with EASY RGB controllers: /
Cet appareil ne fonctionne qu'avec les contrôleurs EASY RGB: /
Dieses Gerät funktiobiert nur mit den folgenden EASY RGB Controllern: /
Questo dispositivo funziona unicamente con i regolatori EASY RGB: /
Este aparelho só funciona com os controladores EASY RGB: /
Этот аппарат работает только с контроллерами EASY RGB: /
To urządzenie działa tylko z driverami EASY RGB:
71-9630/ **71-9632**

INOX
p.889







GEA

55-9663-CA-37

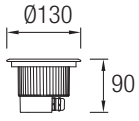
3 LED CREE 100-240V 3W 366lm(N)
Neutral white 4000K

IP 67 · IK 08 · RF 850°C

EAGLE RISE

INOX AISI 316 · GLA HARD DIF · ±15° · INCLUDED · 55 · 25° · 4 · FILTER 3000K · DIFFUSER FILTER · 2000Kg. · N WHITE · W WHITE





GEA

55-9664-CA-37

3 LED PHILIPS 3W **EASY** **RGB**

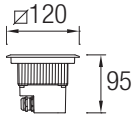
IP 67 · IK 08 · RF 850°C

INOX AISI 316 · GLA HARD DIF · ±15° · INCLUDED · 55 · 25° · 4 · DIFFUSER FILTER · 2000Kg. · RGB LIGHT

p.877

Este aparato sólo funciona con los controladores EASY RGB: /
This fitting only works with EASY RGB controllers: /
Cet appareil ne fonctionne qu'avec les contrôleurs EASY RGB: /
Dieses Gerät funktiobiert nur mit den folgenden EASY RGB Controllern: /
Questo dispositivo funziona unicamente con i regolatori EASY RGB: /
Este aparelho só funciona com os controladores EASY RGB: /
Этот аппарат работает только с контроллерами EASY RGB: /
To urządzenie działa tylko z driverami EASY RGB:
71-9630/ **71-9632**





GEA NEW

55-9723-CA-37

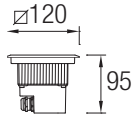
3 LED CREE 100-240V 6,5W 621lm(N)
Neutral white 4000K <40°C

IP 67 · IK 08 · RF 850°C

EAGLE RISE

INOX AISI 316 · GLA HARD DIF · ±15° · INCLUDED · 101 · 25° · 12 · FILTER 3000K · DIFFUSER FILTER · 2000Kg. · N WHITE · W WHITE





GEA NEW

55-9724-CA-37

3 LED PHILIPS 12VDC 6,5W **RGB** <40°C

IP 67 · IK 08 · RF 850°C

INOX AISI 316 · GLA HARD DIF · ±15° · INCLUDED · 101 · 25° · 12 · DIFFUSER FILTER · 2000Kg. · RGB LIGHT

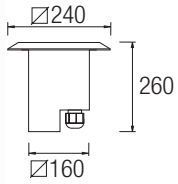
p.877

Este aparato sólo funciona con los controladores EASY RGB: /
This fitting only works with EASY RGB controllers: /
Cet appareil ne fonctionne qu'avec les contrôleurs EASY RGB: /
Dieses Gerät funktiobiert nur mit den folgenden EASY RGB Controllern: /
Questo dispositivo funziona unicamente con i regolatori EASY RGB: /
Este aparelho só funciona com os controladores EASY RGB: /
Этот аппарат работает только с контроллерами EASY RGB: /
To urządzenie działa tylko z driverami EASY RGB:
71-9630/ **71-9632**

INOX
p.889







GEA

55-9232-Y4-37

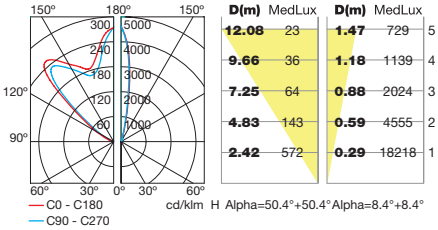
G12 70W HID 230V **>80ºC**

IP 67 · IK 08 · 0,5m

BAG

AL INJ · INOX AISI 304 · GLA HARD DIF · ±15º · INCLUDED · 32 · 18º · 100º · 2 · 1800Kg.

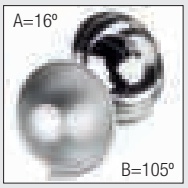
Reflector B Reflector A — G12 70W



D(m)	MedLux	D(m)	MedLux	
12.08	23	1.47	729	5
9.66	36	1.18	1139	4
7.25	64	0.88	2024	3
4.83	143	0.59	4555	2
2.42	572	0.29	18218	1

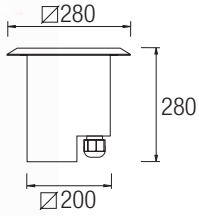
H Alpha=50.4°+50.4° Alpha=8.4°+8.4°

(A=16º, B=105º)



2 reflectores incluidos.
2 reflectors included.
2 réflecteurs inclus.
2 Reflektore inklusive.
2 riflettori inclusi.
2 reflectores incluídos
Прилагаются 2 отражателя.
2 odbłyśniki w komplecie





GEA

55-9233-Y4-37

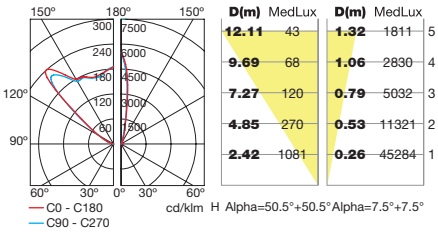
G12 150W HID 230V **>80ºC**

IP 67 · IK 08 · 0,5m

BAG

AL INJ · INOX AISI 304 · GLA HARD DIF · ±15º · INCLUDED · 69 · 15º · 100º · 2 · 1500Kg.

Reflector B Reflector A — G12 150W

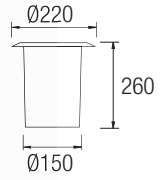


D(m)	MedLux	D(m)	MedLux	
12.11	43	1.32	1811	5
9.69	68	1.06	2830	4
7.27	120	0.79	5032	3
4.85	270	0.53	11321	2
2.42	1081	0.26	45284	1

H Alpha=50.5°+50.5° Alpha=7.5°+7.5°

(A=16º, B=105º)





GEA

55-9433-Y4-37

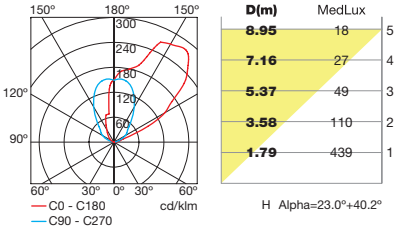
Rx7s 70W HID 230V **>80ºC**

IP 67 · IK 08 · 0,5m

BAG

AL INJ · INOX AISI 304 · GLA HARD DIF · INCLUDED · 31 · 2 · 1800Kg.

Rx7s 70W



D(m)	MedLux	
8.95	18	5
7.16	27	4
5.37	49	3
3.58	110	2
1.79	439	1

H Alpha=23.0°+40.2°



71-9453-CA-CA

Aro de acero inoxidable AISI 316 para / AISI 316 Stainless steel ring for / Anneau en acier inoxydable AISI 316 pour / Ring aus Edelstahl AISI 316 für / Anello d'acciaio inossidabile AISI 316 per / Aro de aço inoxidável AISI 316 para /Кольцо из нержавеющей стали AISI 316 для / Obręcz ze stali nierdzewnej AISI 316 dla **55-9433**

INOX AISI 316 · 10



71-9638-CA-CA

Marco de acero inoxidable AISI 316 para / AISI 316 Stainless steel frame for / Cadre en acier inoxydable AISI 316 pour / Rahmen aus Edelstahl AISI 316 für / Cornice in acciaio inossidabile AISI 316 per / Aro de aço inoxidável AISI 316 para / Рамка из нержавеющей стали AISI 316 для / Obramowanie ze stali nierdzewnej AISI 316 dla **55-9433**

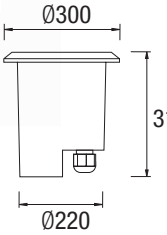
INOX AISI 316 · 10

INOX p.889



INOX
p.889





GEA

55-9625-CA-37 INOX AISI 316

55-9625-Y4-37 INOX AISI 304

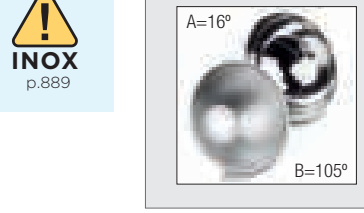
G12 150W HID 230V >80ºC

IP 67 | IK 08 | 0,5m

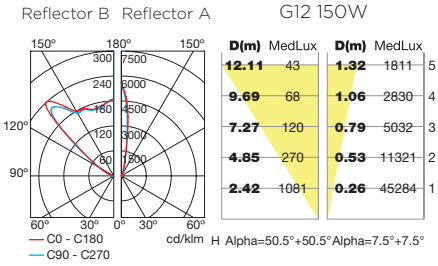
BAG

AL INJ | INOX AISI 316 | INOX AISI 304 | GLA HARD DIF | ±15º | INCLUDED | 65

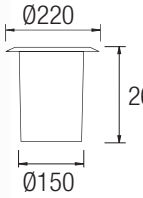
15º | 100º | 1 | 1500Kg.



2 reflectores incluidos.
2 reflectors included.
2 réflecteurs inclus.
2 Reflektore inklusive.
2 riflettori inclusi.
2 reflectores incluídos
Прилагаются 2 отражателя.
2 odbłyśniki w komplecie







GEA

55-9187-CA-37 INOX AISI 316

55-9187-Y4-37 INOX AISI 304

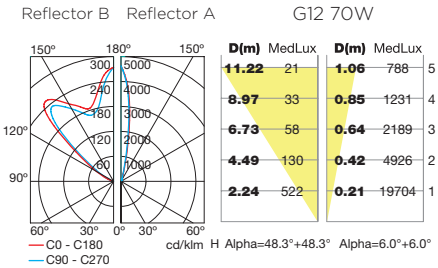
G12 70W HID 230V >80ºC

IP 67 | IK 08 | 0,5m

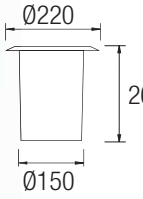
BAG

AL INJ | INOX AISI 316 | INOX AISI 304 | GLA HARD DIF | ±15º | INCLUDED | 31

18º | 100º | 2 | 1800Kg.







GEA

55-9323-Y4-37

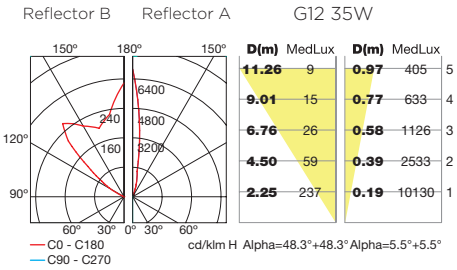
G12 35W HID 230V 40-80ºC

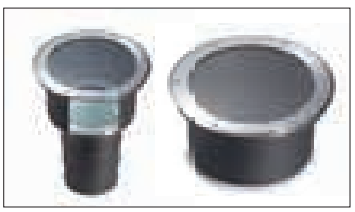
IP 67 | IK 08 | 0,5m

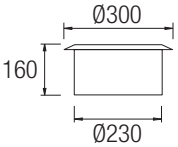
BAG

AL INJ | INOX AISI 304 | GLA HARD DIF | ±15º | INCLUDED | 31 | 12º

100º | 2 | 1800Kg.







71-9187-Y4-37

Accesorio para / Accessory for / Accessoire pour / Zubehör für / Accessorio per / Acessório para / Принадлежность для / Akcesorium do **55-9187** / **55-9323**

INOX AISI 304 | +40ºC -30ºC | <70ºC | 4



71-9453-CA-CA

Aro de acero inoxidable AISI 316 para / AISI 316 Stainless steel ring for / Anneau en acier inoxydable AISI 316 pour / Ring aus Edelstahl AISI 316 für / Anello d'acciaio inossidabile AISI 316 per / Aro de aço inoxidável AISI 316 para /Кольцо из нержавеющей стали AISI 316 для / Obręcz ze stali nierdzewnej AISI 316 dla **55-9323**

INOX AISI 316 | 10



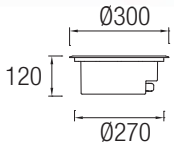
71-9638-CA-CA

Marco de acero inoxidable AISI 316 para / AISI 316 Stainless steel frame for / Cadre en acier inoxydable AISI 316 pour / Rahmen aus Edelstahl AISI 316 für / Cornice in acciaio inossidabile AISI 316 per / Aro de aço inoxidável AISI 316 para / Рамка из нержавеющей стали AISI 316 для / Obramowanie ze stali nierdzewnej AISI 316 dla **55-9323, 55-9187**

INOX AISI 316 | 10







GEA

55-9564-Y4-37

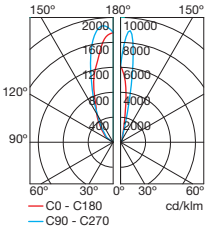
G 8.5 20W HID 220-240V **40-80ºC**

IP 67 · IK 08 · 0,5m

TRIDONIC

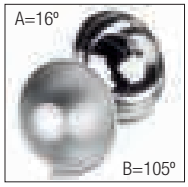
AL INJ · INOX AISI 304 · GLA HARD DIF · ±15º · INCLUDED · 80 · 16º · 105º · 2 · R · 1500Kg.

Reflector B Reflector A — G 8.5 20W



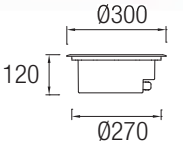
D(m)	MedLux	D(m)	MedLux	
3.79	23	1.39	223	5
9.66	36	1.118	349	4
2.27	64	0.83	621	3
1.52	253	0.56	1396	2
0.76	1010	0.28	5585	1

H Alpha=20.8°+20.8° Alpha=7.9°+7.9°



2 reflectores incluidos.
2 reflectors included.
2 réflecteurs inclus.
2 Reflektore inklusive.
2 riflettori inclusi.
2 reflectores incluídos
Прилагаются 2 отражателя.
2 odbłyśniki w komplecie





GEA

55-9486-Y4-37

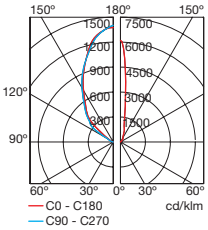
G 8.5 35W HID 230V **40-80ºC**

IP 67 · IK 08 · 0,5m

BAG

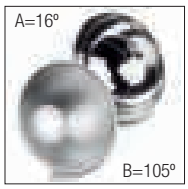
AL INJ · INOX AISI 304 · GLA HARD DIF · ±15º · INCLUDED · 80 · 16º · 105º · 2 · R · 1500Kg.

Reflector B Reflector A — G 8.5 35W



D(m)	MedLux	D(m)	MedLux	
7.39	25	1.04	161	5
5.91	38	0.83	252	4
4.43	68	0.63	448	3
2.96	153	0.42	1009	2
1.48	614	0.21	4036	1

H Alpha=30.3°+42.4° Alpha=6.0°+5.1°



2 reflectores incluidos.
2 reflectors included.
2 réflecteurs inclus.
2 Reflektore inklusive.
2 riflettori inclusi.
2 reflectores incluídos
Прилагаются 2 отражателя.
2 odbłyśniki w komplecie



71-9512-CA-CA

Aro de acero inoxidable AISI 316 para / AISI 316 Stainless steel ring for / Anneau en acier inoxydable AISI 316 pour / Ring aus Edelstahl AISI 316 für / Anello d'acciaio inossidabile AISI 316 per / Aro de aço inoxidável AISI 316 para /Кольцо из нержавеющей стали AISI 316 для / Obręcz ze stali nierdzewnej AISI 316 dla **55-9486, 55-9564**

INOX AISI 316 · 1



GEA

55-9430-Y4-T2

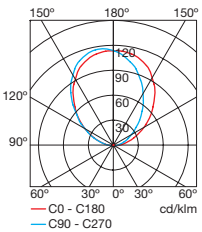
2 x GX24d-3 26W 230V **>80ºC**

IP 67 · IK 08

BAG

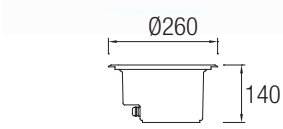
AL PUR · INOX AISI 304 · GLA MAT DIF · INCLUDED · 99 · 2 · R · 1500Kg.

2 x GX24d-3 26W



D(m)	MedLux	
12.02	6	5
9.62	9	4
7.21	15	3
4.81	35	2
2.40	139	1

H Alpha=50.2°+50.2°



71-9454-CA-CA

Aro de acero inoxidable AISI 316 para / AISI 316 Stainless steel ring for / Anneau en acier inoxydable AISI 316 pour / Ring aus Edelstahl AISI 316 für / Anello d'acciaio inossidabile AISI 316 per / Aro de aço inoxidável AISI 316 para /Кольцо из нержавеющей стали AISI 316 для / Obręcz ze stali nierdzewnej AISI 316 dla **55-9430**

INOX AISI 316 · 10



INOX p.889





GEA

55-9280-CA-37 INOX AISI 316

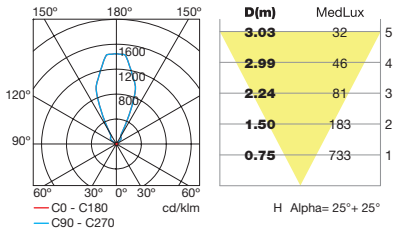
55-9280-Y4-37 INOX AISI 304

GU-10 max. 50W / max. L=82mm
Halogen >80°C - Fluorescent 40-80°C - LED <40°C

IP 67 | IK 08 | 0,5m

TEC POLI | INOX AISI 316 | INOX AISI 304 | GLA HARD DIF | INCLUDED | 68 | 8 | 2000Kg.

GU-10 50W





GEA

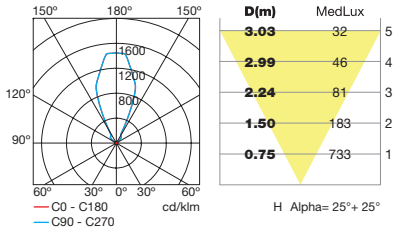
55-9567-Z5-37

GU-10 max. 50W / max. L=80mm
Halogen >80°C - Fluorescent 40-80°C - LED <40°C

IP 67 | IK 08 | 0,5m

TEC POLI | GLA HARD DIF | INCLUDED | 68 | 12

GU-10 50W





GEA

55-9380-CA-37 INOX AISI 316

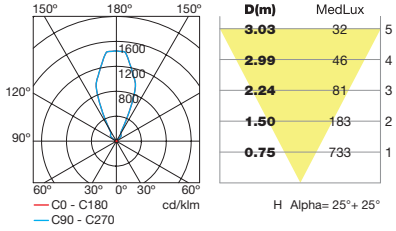
55-9380-Y4-37 INOX AISI 304

GU-10 max. 50W / max. L=55mm
Halogen >80°C - Fluorescent 40-80°C - LED <40°C

IP 67 | IK 08 | 0,5m

TEC POLI | INOX AISI 316 | INOX AISI 304 | GLA HARD DIF | ±15° | INCLUDED | 68 | 4 | 2000Kg.

GU-10 50W





GEA

55-9635-CA-37

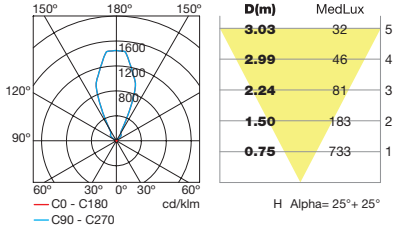
MR16 max. 50W - 12 VAC
Halogen >80°C - LED <40°C

IP 67 | IK 08 | 0,5m

P. 873 71-9197

TEC POLI | INOX AISI 316 | GLA HARD DIF | ±15° | INCLUDED | 68 | 4 | 2000Kg.

MR16 50W



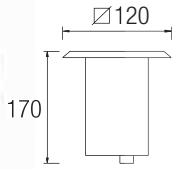
INOX
p.889



ALCOLEA PSYCHIATRIC CENTER. CÓRDOBA, SPAIN.

INOX
p.889





GEA NEW

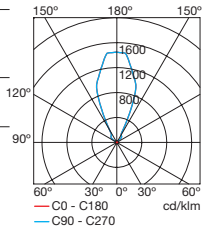
55-9737-CA-37

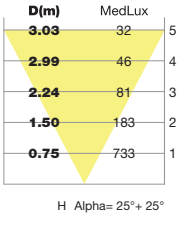
GU-10 max. 50W / max. L=55mm
Halogen >80°C - Fluorescent 40-80°C - LED <40°C

IP 67 · IK 08 · 0,5m

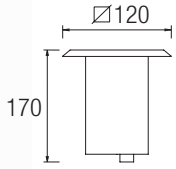
TEC POLI · INOX AISI 316 · GLA HARD DIF · ±15° · INCLUDED · 68 · 4 · ® · 2000Kg.

GU-10 50W









GEA

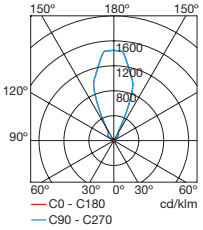
55-9281-Y4-37

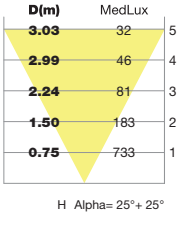
GU-10 max. 50W / max. L=80mm (LED max.5W)
Halogen >80°C - Fluorescent 40-80°C - LED <40°C

IP 67 · IK 08 · 0,5m

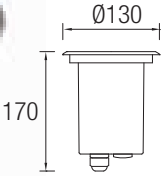
TEC POLI · INOX AISI 304 · GLA HARD DIF · INCLUDED · 68 · 8 · 2000Kg.

GU-10 50W









GEA

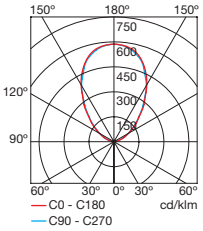
55-9282-Y4-T2

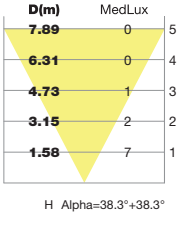
15 LED 230V 1W 160lm(N)
Cool White 6500K <40°C

IP 67 · IK 08

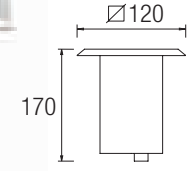
TEC POLI · INOX AISI 304 · GLA HARD DIF · INCLUDED · 68 · 8 · 2000Kg. · FILTER 3000K · C WHITE · W WHITE

LED 1W









GEA

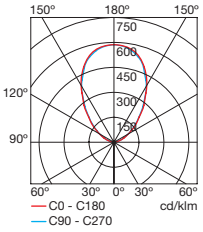
55-9283-Y4-T2 (S)

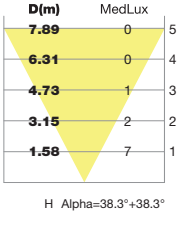
15 LED 230V 1W 160lm(N)
Cool White 6500K <40°C

IP 67 · IK 08

TEC POLI · INOX AISI 304 · GLA HARD DIF · INCLUDED · 68 · 8 · 2000Kg. · FILTER 3000K · C WHITE · W WHITE

LED 1W







71-9448-CA-CA

Aro de acero inoxidable AISI 316 para / AISI 316 Stainless steel ring for / Anneau en acier inoxydable AISI 316 pour / Ring aus Edelstahl AISI 316 für / Anello d'acciaio inossidabile AISI 316 per / Aro de aço inoxidável AISI 316 para /Кольцо из нержавеющей стали AISI 316 для / Obręcz ze stali nierdzewnej AISI 316 dla **55-9282**

INOX AISI 316 · 20



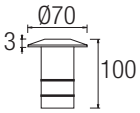
71-9449-CA-CA

Marco de acero inoxidable AISI 316 para / AISI 316 Stainless steel frame for / Cadre en acier inoxydable AISI 316 pour / Rahmen aus Edelstahl AISI 316 für / Cornice in acciaio inossidabile AISI 316 per / Aro de aço inoxidável AISI 316 para / Рамка из нержавеющей стали AISI 316 для / Obramowanie ze stali nierdzewnej AISI 316 dla **55-9281, 55-9283**

INOX AISI 316 · 20







GEA

55-9255-54-37

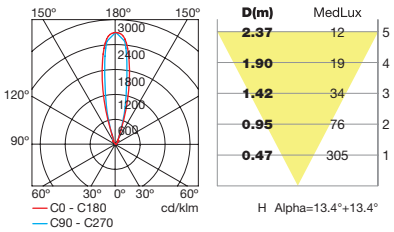
MR11 max. 20W - 12V AC Halogen >80°C

IP 68 | IK 07 | RF 850°C

12V AC P.873

AL ANOD | GLA HARD DIF | INCLUDED | 64 | 8 | 2,5 m

MR11 20W





GEA

55-9337-Y4-37

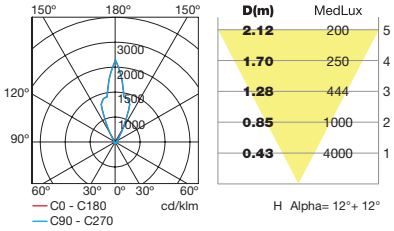
G-53 12V AC max. 75W
Halogen >80°C - LED <40°C

IP 67 | IK 08 | 0,5m

12V AC P.873

INOX AISI 304 | GLA HARD DIF | TEC POLI | ±15° | INCLUDED | 87 | 8 | R | 1800Kg.

QR-R 111 60W





GEA

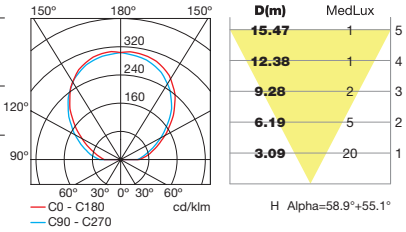
55-9184-Y4-37

GX 53 max. 9W
Fluorescent 40-80°C - LED <40°C

IP 67 | IK 08

AL INJ | INOX AISI 304 | GLA HARD DIF | INCLUDED | 43 | 8 | 2000Kg.

GX 53 9W





71-9450-CA-CA

Aro de acero inoxidable AISI 316 para / AISI 316 Stainless steel ring for / Anneau en acier inoxydable AISI 316 pour / Ring aus Edelstahl AISI 316 für / Anello d'acciaio inossidabile AISI 316 per / Aro de aço inoxidável AISI 316 para /Кольцо из нержавеющей стали AISI 316 для / Obręcz ze stali nierdzewnej AISI 316 dla **55-9184**

INOX AISI 316 | 20



GEA

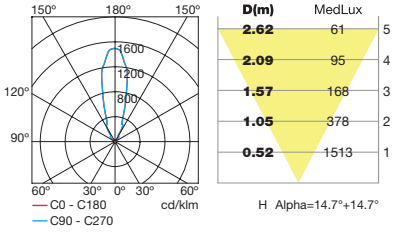
55-9186-CA-37 INOX AISI 316
55-9186-Y4-37 INOX AISI 304

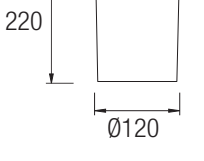
Par-30 E-27 max. 75W / max. L=160mm
Halogen 40-80°C - Fluorescent 40-80°C - LED <40°C

IP 67 | IK 08 | 0,5m

AL INJ | INOX AISI 316 | INOX AISI 304 | GLA HARD DIF | INCLUDED | 44 | 6 | 1800Kg.

PAR-30 75W







2 cristales incluidos.
2 glasses included.
2 verres compris.
2 Gläser inklusive.
2 vetri inclussi.
2 vidros incluídos.
Прилагаются 2 стекла.
2 szybki w komplecie.

INOX p.889



71-9452-CA-CA

Aro de acero inoxidable AISI 316 para / AISI 316 Stainless steel ring for / Anneau en acier inoxydable AISI 316 pour / Ring aus Edelstahl AISI 316 für / Anello d'acciaio inossidabile AISI 316 per / Aro de aço inoxidável AISI 316 para /Кольцо из нержавеющей стали AISI 316 для / Obręcz ze stali nierdzewnej AISI 316 dla **55-9337**

INOX AISI 316 | 10



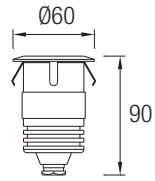
71-9639-CA-CA

Marco de acero inoxidable AISI 316 para / AISI 316 Stainless steel frame for / Cadre en acier inoxydable AISI 316 pour / Rahmen aus Edelstahl AISI 316 für / Cornice in acciaio inossidabile AISI 316 per / Aro de aço inoxidável AISI 316 para / Рамка из нержавеющей стали AISI 316 для / Obramowanie ze stali nierdzewnej AISI 316 dla **55-9337, 55-9186**

INOX AISI 316 | 20







GEA

55-9620-54-T2

LED CREE 100-240V 1W 122lm(N)
Neutral White 4000K <40°C

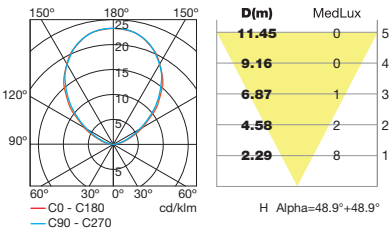
IP 67 IK 05

EAGLE RISE

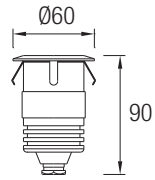
AL ANOD | GLA HARD DIF | INCLUDED | 46 | 12 | FILTER 3000K | 2,5 m

N WHITE | W WHITE

LED 1W







GEA

55-9621-54-T2

LED CREE 1W 350mA / 2W 700mA 122lm(N)/
207lm(N) Neutral White 4000K <40°C

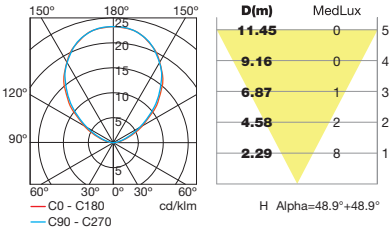
IP 67 IK 05

P.862-863

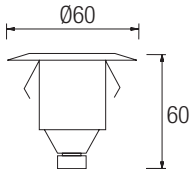
AL ANOD | GLA HARD DIF | INCLUDED | 46 | 12 | FILTER 3000K

N WHITE | W WHITE

LED 1W







GEA NEW

55-9769-54-T2

12 LED 12V AC/DC 1W 96lm(N)
Neutral White 4000K <40°C

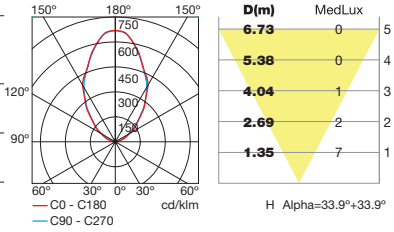
IP 66 IK 05

12V AC P.873 / 12V DC P.872

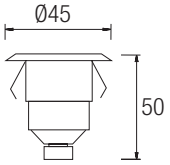
AL ANOD | GLA MAT DIF | INCLUDED | 61 | 20 | FILTER 3000K | 2,5 m

N WHITE | W WHITE

LED 1W







GEA NEW

55-9768-54-T2

6 LED 12V AC/DC 0,5W 48lm(N)
Neutral White 4000K <40°C

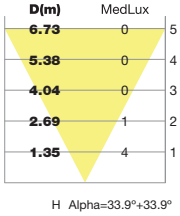
IP 66 IK 05

12V AC P.873 / 12V DC P.872

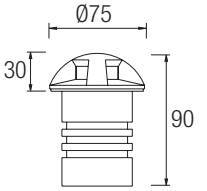
AL ANOD | GLA MAT DIF | INCLUDED | 72 | 36 | FILTER 3000K | 2,5 m

N WHITE | W WHITE

LED 0,5W







GEA

55-9257-54-M2

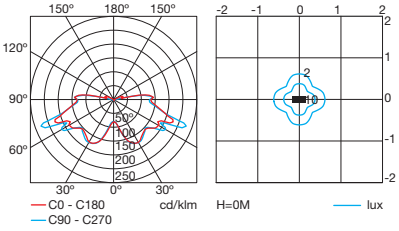
LED 1W 350mA 80lm(N)
Neutral White 4000K <40°C

IP 68 IK 10

P.862-863

AL ANOD | PC TRAN DIF | INCLUDED | 57 | 8 | ® | 1000Kg.

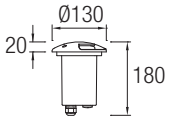
2,5 m | N WHITE





DAMM AREA, F.C. BARCELONA STADIUM. BARCELONA, SPAIN.





XENA

55-9422-34-M3

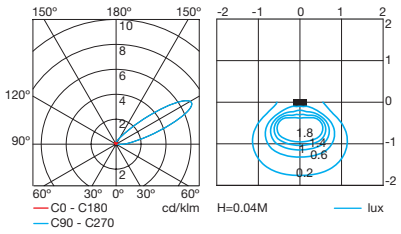
55-9422-Z5-M3

6 LED 230V 0,5W 64lm(N)
Neutral White 4000K **<40°C**

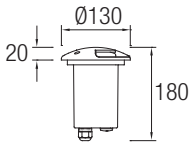
IP 67 · IK 10

TEC POLI · AL PUR · PC MAT DIF · INCLUDED · 68 · 4 · 1800Kg. · N WHITE

LED 6 x 0,1W







XENA

55-9423-34-T2

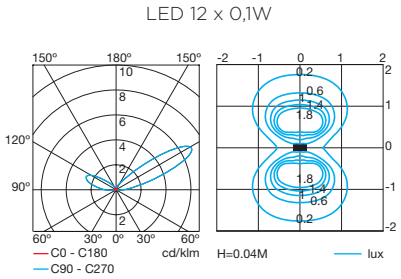
55-9423-Z5-T2

12 LED 230V 1W 128lm(N)
Neutral White 4000K **<40°C**

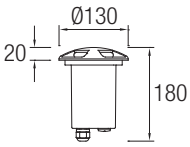
IP 67 · IK 10

TEC POLI · AL PUR · PC MAT DIF · INCLUDED · 68 · 4 · 1800Kg. · N WHITE

LED 12 x 0,1W







XENA

55-9424-34-T2

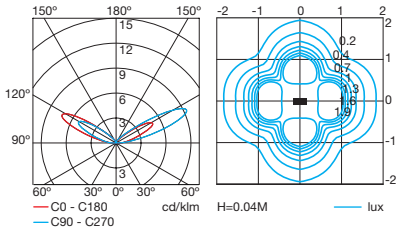
55-9424-Z5-T2

12 LED 230V 1W 128lm(N)
Neutral White 4000K **<40°C**

IP 67 · IK 10

TEC POLI · AL PUR · PC MAT DIF · INCLUDED · 68 · 4 · 1800Kg. · N WHITE

LED 12 x 0,1W





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Ogni codice comprende 2 filtri.
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Каждый код включает 2 фильтра.
Każdy kod zawiera 2 filtry.

71-9476-08-08

71-9476-11-11

71-9476-24-24

71-9476-25-25

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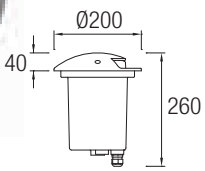
PC · 50



PLAÇA VALL. TORÀ, SPAIN.





XENA

55-9426-34-M3

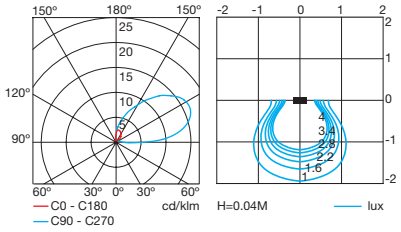
55-9426-Z5-M3

E-27 max. 20W / max. L=175mm
Fluorescent 40-80ºC - LED <40ºC

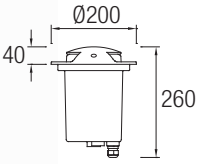
IP 67 IK 10

TEC POLI | AL PUR | PC MAT DIF | INCLUDED | 98 | 4 | 1800Kg.

PL 20W







XENA

55-9427-34-T2

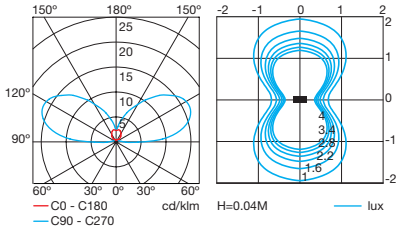
55-9427-Z5-T2

E-27 max. 20W / max. L=175mm
Fluorescent 40-80ºC - LED <40ºC

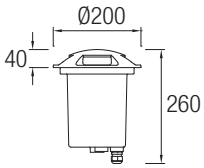
IP 67 IK 10

TEC POLI | AL PUR | PC MAT DIF | INCLUDED | 98 | 4 | 1800Kg.

PL 20W







XENA

55-9428-34-T2

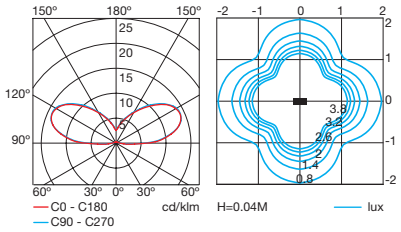
55-9428-Z5-T2

E-27 max. 20W / max. L=175mm
Fluorescent 40-80ºC - LED <40ºC

IP 67 IK 10

TEC POLI | AL PUR | PC MAT DIF | INCLUDED | 98 | 4 | 1800Kg.

PL 20W





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71-9477-08-08

71-9477-11-11

71-9477-24-24

71-9477-25-25

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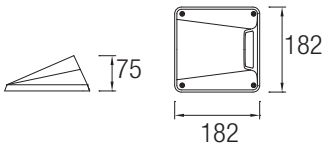
PC | 50







REXEL NEW

55-9741-Z5-37

4 LED CREE 100-240V 4,3W 348lm(N)
Warm White 3000K

IP 65 | IP 67 | IK 08

SELF

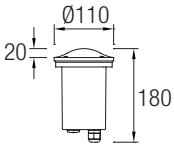
AL PUR | GLA TRAN DIF | 15º | 10 | 45º | 8

W WHITE

Montaje en superficie./ Surface mounted./ Montage en surface./ Aufbaumontage./ Montaggio in superficie./ Montagem à superficie./ Монтаж на поверхности./ Montaż na powierzchni.







XENA

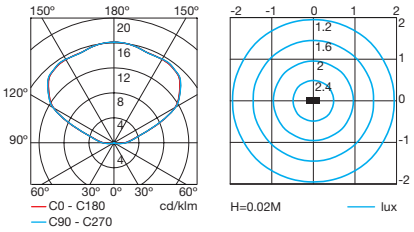
55-9421-M3-M3

GU-10 max. 11W / max. L=80mm
Fluorescent <40ºC - LED <40ºC

IP 67 | IK 10

TEC POLI | PC TRAN DIF | INCLUDED | 96 | 8 | 1800Kg.

GU-10 11W Fluo





XENA

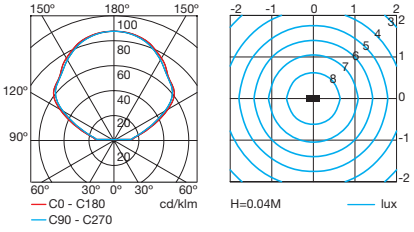
55-9425-M3-M3

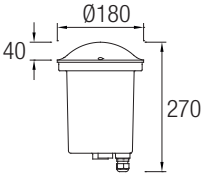
Par-38 E-27 max.23W / max. L=170mm
Fluorescent <40ºC - LED <40ºC

IP 67 | IK 10

TEC POLI | PC TRAN DIF | INCLUDED | 97 | 6 | 1500Kg.

PAR-38 23W

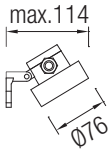






MARRIOTT RENAISSANCE TUSCANY IL CIOCCO RESORT & SPA. BARGA, ITALY.





AQUA NEW

05-9727-05-M2

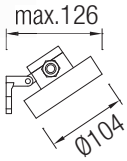
3 LED CREE 12V AC/DC 7W 561lm(N)
Neutral White 4000K

IP 68 | 1m | IK 10

12V AC P.873 / 12V DC P.872

PC | PC TRAN DIF | 16 | 45° | ® | N WHITE





AQUA NEW

05-9728-05-M2

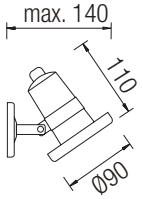
9 LED CREE 12V AC/DC 21W 1683lm(N)
Neutral White 4000K

IP 68 | 1m | IK 10

12V AC P.873 / 12V DC P.872

PC | PC TRAN DIF | 12 | 45° | ® | N WHITE





AQUA NEW

05-9245-CA-37

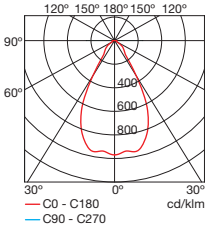
MR-16 max. 50W / max. L= 55mm - 12VAC
Halogen - Fluorescent - LED

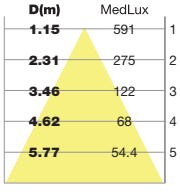
IP 68 | 1m | IK 08 | RF 850°C

12V AC P.873

INOX AISI 316 | GLA HARD DIF | 360° | ±45° | 12

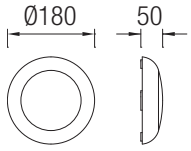
MR16 50W











AQUA

55-9697-14-M3 ☐

3 LED PHILIPS 12V AC/DC 6W 615lm(N)
Neutral White 4000K <40ºC

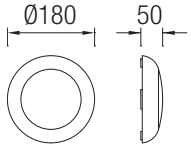
IP 68 | 2m | IK 07

12V AC P.873 / 12V DC P.872

PC | PC MAT DIF | 8 | ® | 2,5 m | 5M² | N WHITE

Montaje en superficie./ Surface mounted./ Montage en surface./ Aufbaumontage/ Montaggio in superficie./ Montagem em superficie./ Монтаж на поверхности./ Montaż na powierzchni.





AQUA

55-9698-14-M3 ☐

3 LED PHILIPS **EASY RGB** 6W 453lm(N) <40ºC

IP 68 | 2m | IK 07

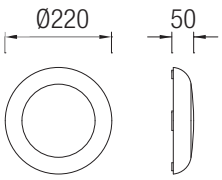
PC | PC MAT DIF | 8 | ® | 5M² | 2,5 m | RGB LIGHT

Montaje en superficie./ Surface mounted./ Montage en surface./ Aufbaumontage/ Montaggio in superficie./ Montagem em superficie./ Монтаж на поверхности./ Montaż na powierzchni.

p.877

Este aparato sólo funciona con los controladores EASY RGB: /
This fitting only works with EASY RGB controllers: /
Cet appareil ne fonctionne qu'avec les contrôleurs EASY RGB: /
Dieses funktioniert nur mit den folgenden EASY RGB Controllern: /
Questo dispositivo funziona unicamente con i regolatori EASY RGB: /
Este aparelho só funciona com os controladores EASY RGB: /
Этот аппарат работает только с контроллерами EASY RGB: /
To urządzenie działa tylko z driverami EASY RGB:
71-9630/ 71-9632





AQUA

55-9699-14-M3 ☐

9 LED PHILIPS 12V AC/DC 18W 1845lm(N)
Neutral White 4000K <40ºC

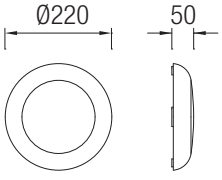
IP 68 | 2m | IK 07

12V AC P.873 / 12V DC P.872

PC | PC MAT DIF | 4 | 15M² | ® | 2,5 m | N WHITE

Montaje en superficie./ Surface mounted./ Montage en surface./ Aufbaumontage/ Montaggio in superficie./ Montagem em superficie./ Монтаж на поверхности./ Montaż na powierzchni.





AQUA

55-9700-14-M3 ☐

9 LED PHILIPS **EASY RGB** 18W 1360lm(N) <40ºC

IP 68 | 2m | IK 07

PC | PC MAT DIF | 4 | 15M² | ® | 2,5 m | RGB LIGHT

Montaje en superficie./ Surface mounted./ Montage en surface./ Aufbaumontage/ Montaggio in superficie./ Montagem em superficie./ Монтаж на поверхности./ Montaż na powierzchni.

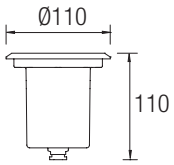
p.877

Este aparato sólo funciona con los controladores EASY RGB: /
This fitting only works with EASY RGB controllers: /
Cet appareil ne fonctionne qu'avec les contrôleurs EASY RGB: /
Dieses funktioniert nur mit den folgenden EASY RGB Controllern: /
Questo dispositivo funziona unicamente con i regolatori EASY RGB: /
Este aparelho só funciona com os controladores EASY RGB: /
Этот аппарат работает только с контроллерами EASY RGB: /
To urządzenie działa tylko z driverami EASY RGB:
71-9630/ 71-9632



MARRIOTT RENAISSANCE TUSCANY IL CIOCCO RESORT & SPA. BARGA, ITALY.





AQUA

MR16 50W

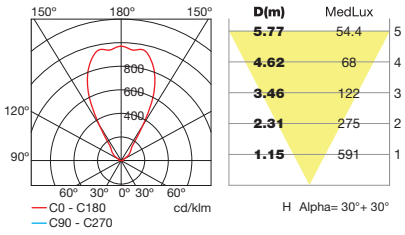
55-9245-CA-37

MR-16 max. 50W - 12VAC / max. L=60mm
Halogen >80°C - LED <40°C

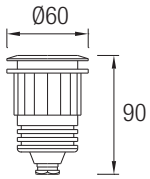
IP 68 | 1m | IK 08 | RF 850°C

12V AC P.873

INOX AISI 316 | GLA HARD DIF | INCLUDED | 62 | 12 | 2000Kg.







AQUA

LED 1W

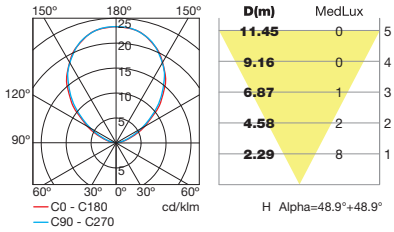
55-9622-14-T2

LED CREE 1W 350mA 122lm(N) /
3W 700mA 207lm(N)
Neutral White 4000K <40°C

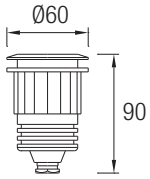
IP 68 | 1m | IK 05

P.862-863

PC | GLA HARD DIF | INCLUDED | 46 | 12 | FILTER 3000K | N WHITE | W WHITE







AQUA

LED 1W

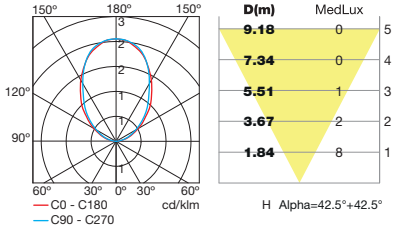
55-9623-14-T2

12 LED 12V AC/DC 1W 96lm(N)
Neutral White 4000K <40°C

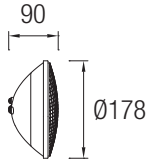
IP 68 | 1m | IK 05

12V AC P.873 / 12V DC P.872

PC | GLA HARD DIF | INCLUDED | 46 | 12 | FILTER 3000K | N WHITE | W WHITE







AQUA NEW

71-9729-54-M3

120 LED SAMSUNG 12V AC/DC 43W 4800lm(N)
Neutral White 4000K

IP 68 | 2m | IK 10

12V AC P.873 / 12V DC P.872

PC | AL ANOD | PC MAT DIF | 8 | 30M² | N WHITE

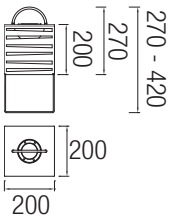
Para sustituir lampara PAR 56./ To replace PAR 56 bulb. / Pour remplacer l'ampoule PAR 56. / Um Lampe PAR 56 ersetzen. / Per sostituire la lampadina PAR 56. / Para substituir lâmpada PAR 56. / Для замены лампы PAR 56. / Aby wymienić żarówki 56 PAR.

INOX p.889









ARI NEW

10-9784-14-M2

LED 0,1W 8lm(N)
Warm white 3000K

IP 44

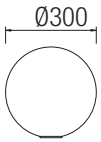
ST EPOXI | 6 | W WHITE

8-10h | 8-10h

SENSOR CREPUSCULAR. / TWILIGHT SENSOR / CAPTEUR CRÉPUSCULAIRE / DÄMMERUNGSSENSOR. / SENSORE CREPUSCOLARE. / SENSOR CREPUSCULAR./ СУМЕРЕЧНЫЙ ДАТЧИК / CZUJNIK ZAPADANIA ZMIERZCHU.







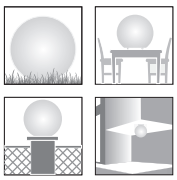
CISNE

55-9155-M1-M1

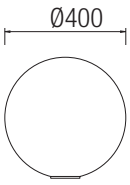
E-27 max. 100W
Halogen - Fluorescent - LED

IP 44

PMMA OPAL | 4







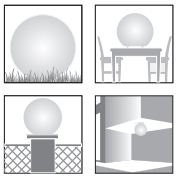
CISNE

55-9156-M1-M1

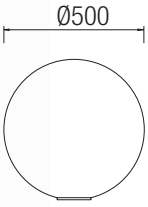
E-27 max. 150W
Halogen - Fluorescent - LED

IP 44

PMMA OPAL | 2







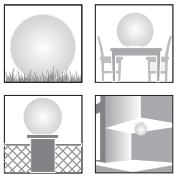
CISNE

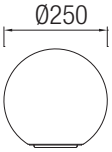
55-9481-M1-M1

E-27 max. 150W
Halogen - Fluorescent - LED

IP 44

PMMA OPAL | 1





CISNE NEW

55-9756-M1-M1

LED 100-240V 2W RGB

IP 68

PE | 4 | RGB LIGHT

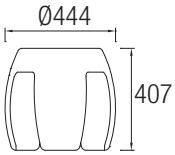




Mando y cargador incluido.
Remote and charger included.
Télécommande et chargeur fournis.
Fernbedienung und Ladegerät mitgeliefert
Telecomando e caricatore inclusi.
Comando e carregador incluídos.
Пульт управления и зарядное устройство поставляются в комплекте.
Zawarty pilot i ładowarka.







ROCK NEW

55-9754-M1-M1

LED 100-240V 3W RGB

IP 54

PE · RGB LIGHT

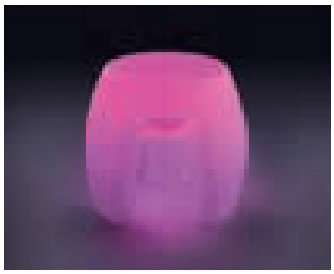


1 mando y 2 cargadores incluidos.
1 remote and 2 chargers included.
1 télécommande et 2 chargeurs fournis.
1 Fernbedienung und 2 Ladegeräre im Lieferumfang enthalten
1 telecomando e 2 caricatori inclusi.
1 comando e 2 carregadores incluídos.
1 пульт управления и 2 зарядных устройства поставляются в комплекте.
Zawarte: 1 pilot i 2 ładowarki.

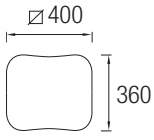


Un código incluye 2 sillas.
Includes two seats per unit
Un code comprend 2 chaises.
Zu einer Art.-Nr. gehören 2 Stühle.
Un codice comprende 2 sedie.
Um código inclui 2 cadeiras.
Один код включает 2 стула.
Jeden kod zawiera 2 krzesła.

Puede usarse como asiento. Máx. 110 Kg.
Can be used as a seat. Max 110 Kg
Peut servir de siège. 110 kg maxi.
Kann als Sitz verwendet werden. Max. 110 kg
Può essere utilizzato come sedia. Max. 110 kg.
Pode usar-se como assento. Máx. 110 kg.
Может использоваться как сиденье. Макс. 110 кг.
Można użyć jako siedziska. Maks. 110 kg.







ROCK

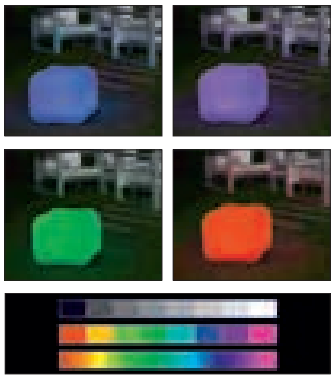
55-9520-M1-M1

LED 230V 5W RGB

IP 65

PE · RGB LIGHT · 2,5 m

Puede usarse como asiento. Máx. 110 Kg.
Can be used as a seat. Max 110 Kg
Peut servir de siège. 110 kg maxi.
Kann als Sitz verwendet werden. Max. 110 kg
Può essere utilizzato come sedia. Max. 110 kg.
Pode usar-se como assento. Máx. 110 kg.
Может использоваться как сиденье. Макс. 110 кг.
Można użyć jako siedziska. Maks. 110 kg.





71-9520-00-00

Un mando a distancia puede controlar multitud de cubos 55-9520.
A single remote control can be used for several 55-9520 cubes.
Une seule télécommande peut contrôler de nombreux cubes 55-9520.
Mit einer Fernbedienung lassen sich mehrere Würfel 55-9520 steuern.
Un telecomando può controllare diversi cubi 55-9520.
Um comando à distância pode controlar vários cubos 55-9520.
Один пульт может управлять множеством кубов 55-9520.
Pilot zdalnego sterowania może kontrolować wiele układów 55-9520.





KAP

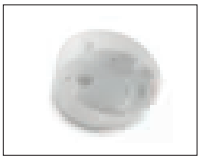
55-9669-14-M1

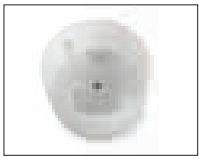
4 x E-27 max. 13W / max. L=120mm Ø=50mm
Fluorescent - LED

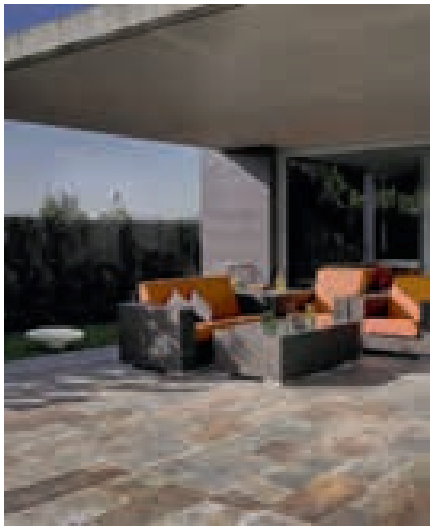
IP 65

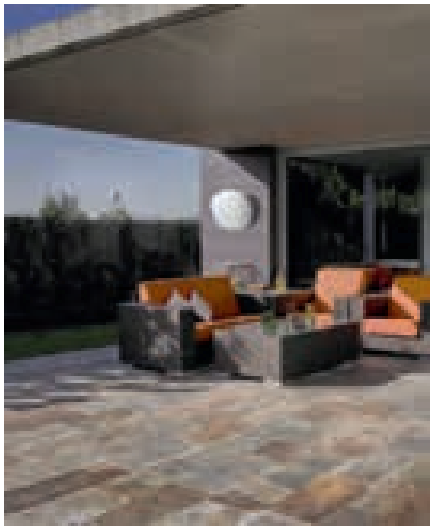
PE 82 1 ®

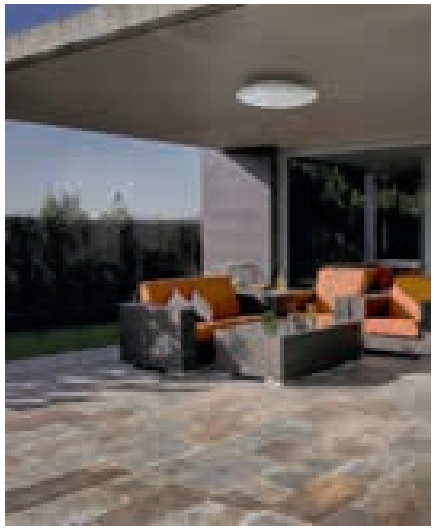
P. 609

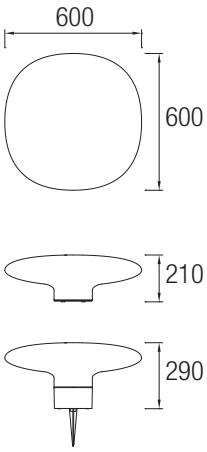


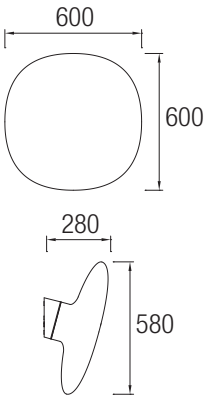


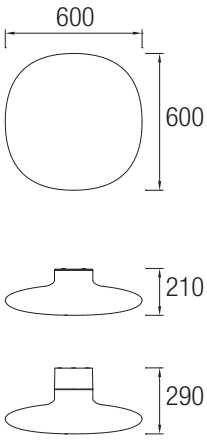






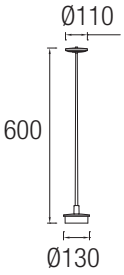












INVISIBLE NEW

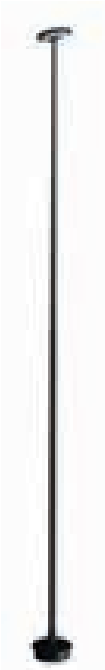
55-9733-05-M1

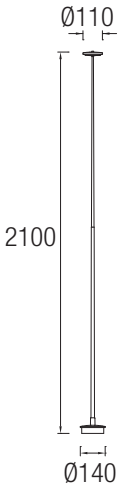
27 LED 100-240V 10W 864lm(N)
Warm white 3000K

IP 65

EAGLE RISE

AL PUR · PC OPAL DIF · 2 · WHITE





INVISIBLE NEW

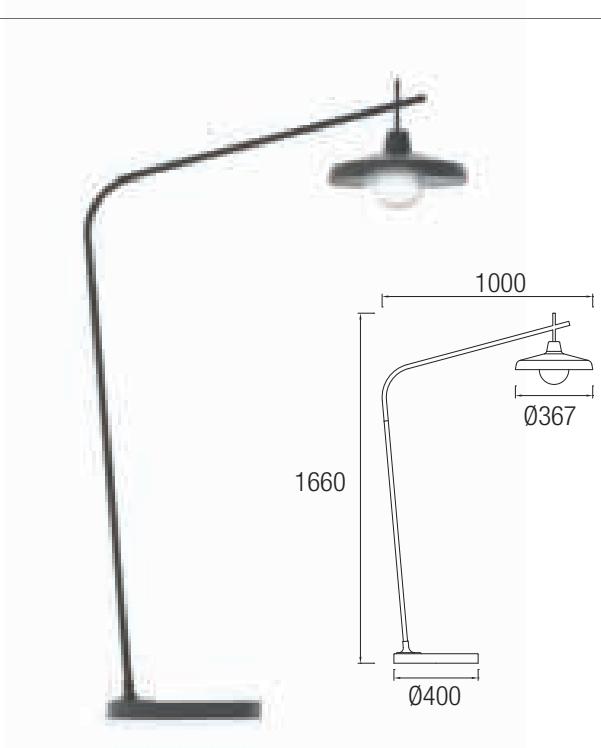
25-9733-05-M1

27 LED 100-240V 10W 864lm(N)
Warm white 3000K

IP 65

EAGLE RISE

AL PUR · PC OPAL DIF · 2 · WHITE



JAMBO NEW

25-9742-Z5-M1

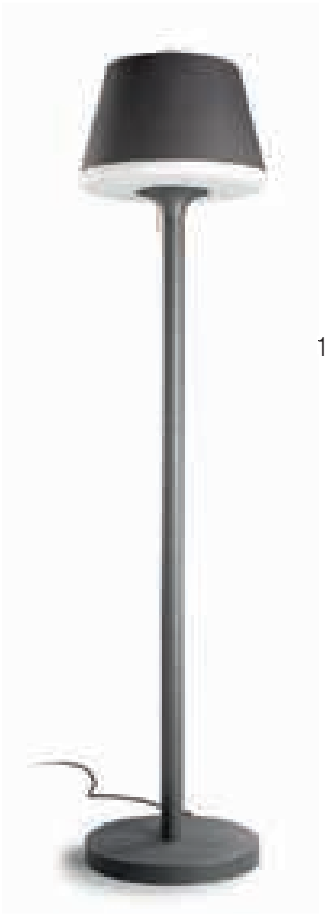
E-27 max. 18W / max. L=120mm Ø=50
Fluorescent - LED

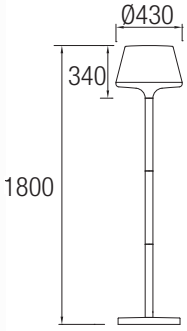
IP 44

AL PUR · PC OPAL DIF · 1

P. 609







MOONLIGHT

25-9503-14-M1 ☐

25-9503-Z5-M1 ■

E-27 max. 100W
Halogen - Fluorescent - LED

IP 44 IK 08

AL PUR PE 1 5 m ®

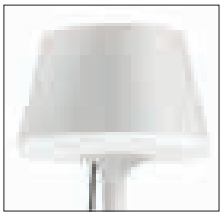
Incluye interruptor y pantalla opaca./ Includes switch and opaque screen./ Comprend interrupteur et abat-jour opaque./ Einschließlich Schalter und opakem Schirm./ Contiene interruttore e schermo opaco./ Inclui interruptor e quebra-luz opaco./ В комплект входит выключатель и непрозрачный абажур./ Zawiera wyłącznik i nieprzezroczysty abażur.

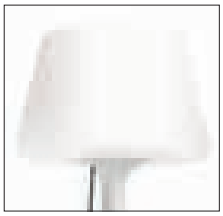
Base para fijar al suelo incluida./ Base for fixing to ground included./ Socle à fixer au sol fourni./ Bodenplatte zur Befestigung am Boden mitgeliefert./ Base da fissare nel pavimento inclusa./ Base para fixar ao chão incluída./ В комплект входит основа для фиксации к полу./ Zawarta podstawa do przymocowania do podłogi.



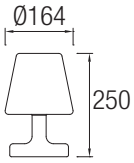


25-9503-Z5-M1





25-9503-14-M1



MOONLIGHT NEW

10-9755-M1-M1 ☐

LED 100-240V 1W RGB

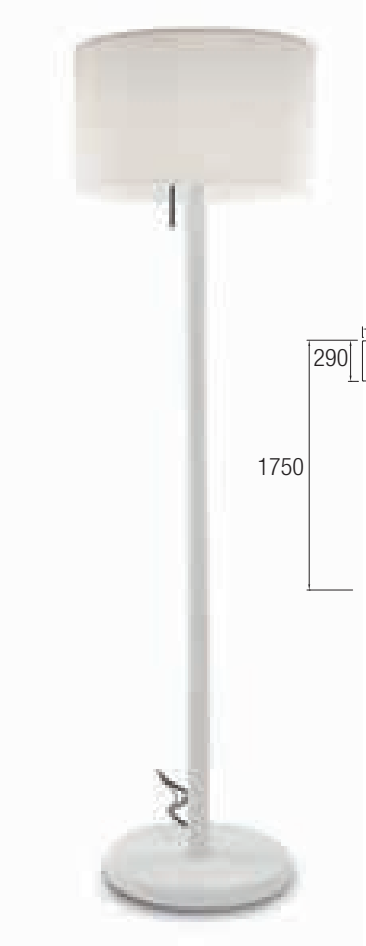
IP 54

PE 4 ® RGB LIGHT



Mando y cargador incluido.
Remote and charger included.
Télécommande et chargeur fournis.
Fernbedienung und Ladegerät mitgeliefert
Telecomando e caricatore inclusi.
Comando e carregador incluídos.
Пульт управления и зарядное устройство поставляются в комплекте.
Zawarty pilot i ładowarka.





SMOOTH

25-9642-14-M1

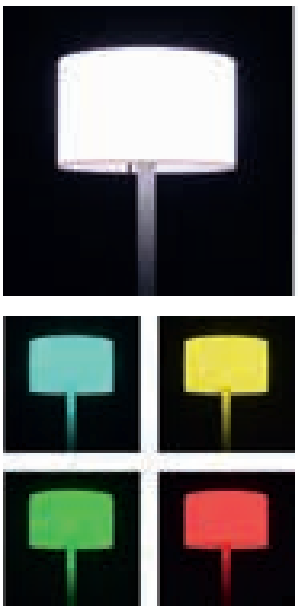
LED 3 W 230V **RGB**
+
E-27 max. 30W / max. L=170mm
Fluorescent - LED

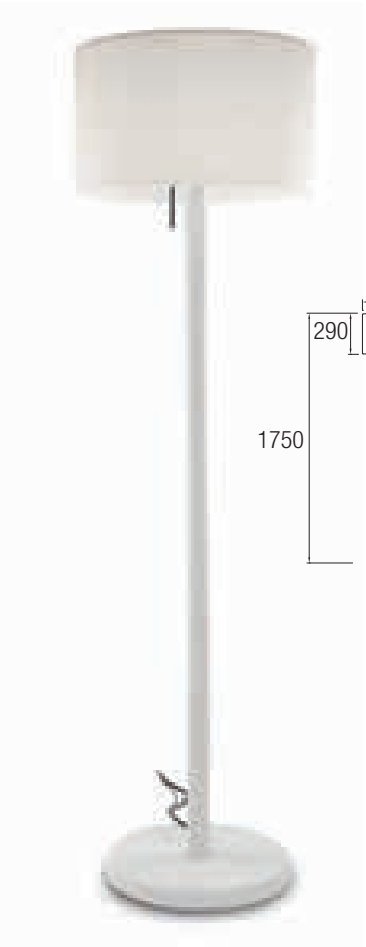
IP 44 IK 08

AL PUR PE 2 5 m RGB LIGHT

Interruptor incluido./ Switch included./ Interrupteur fourni./ Inkl. Schalter./ Interruttore incluso./ Interruptor incluído./ В комплект входит выключатель. / Zawiera wyłącznik.

Base para fijar al suelo incluida./ Base for fixing in the ground included./ Socle à fixer au sol fourni./ Bodenplatte zur Befestigung am Boden mitgeliefert./ Base di fissazione a pavimento inclusa./ Base para fixar ao chão incluída./ В комплект входит основа для фиксации к полу./ Zawarta podstawa do przymocowania do podłogi.





SMOOTH

25-9614-14-M1

E-27 max. 100W / max. L=170mm
Halogen - Fluorescent - LED

IP 44 IK 08

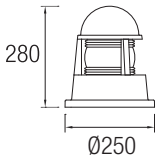
AL PUR PE 1 5 m

Interruptor incluido./ Switch included./ Interrupteur fourni./ Inkl. Schalter./ Interruttore incluso./ Interruptor incluído./ В комплект входит выключатель. / Zawiera wyłącznik.

Base para fijar al suelo incluida./ Base for fixing in the ground included./ Socle à fixer au sol fourni./ Bodenplatte zur Befestigung am Boden mitgeliefert./ Base di fissazione a pavimento inclusa./ Base para fixar ao chão incluída./ В комплект входит основа для фиксации к полу./ Zawarta podstawa do przymocowania do podłogi.







ODIN

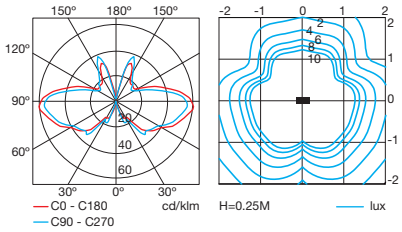
10-9645-Z5-M2

E-27 max. 60W / max. L=180mm
Halogen - Fluorescent - LED

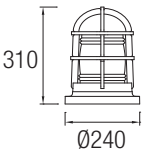
IP 65 | IK 10

PC | PC PRISM DIF | 26 | 4

PL 23W







MARINER

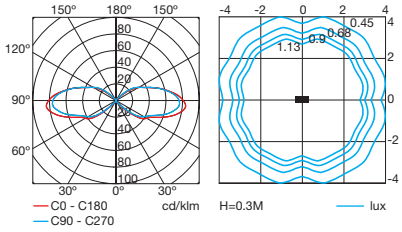
10-9475-Z5-M2

E-27 max. 60W / max. L=180mm
Halogen - Fluorescent - LED

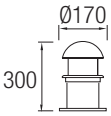
IP 55 | IK 10 | RF 850°C

AL PUR | PC MAT DIF | 35 | 2 | ®

PL 23W







BALIZAS

55-9334-Z5-M3

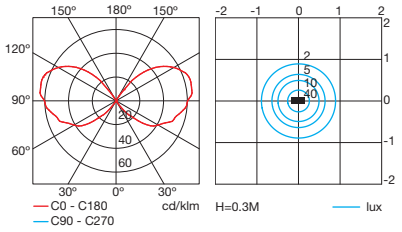
E-27 max. 100W / max. L=170mm
Halogen - Fluorescent - LED

IP 44 | IK 08

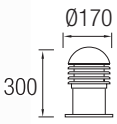
AL PUR | PC MAT DIF | 78 | 6 | ®

P. 695, 697, 709

PL 23W







BALIZAS

55-9318-34-M3

55-9318-Z5-M3

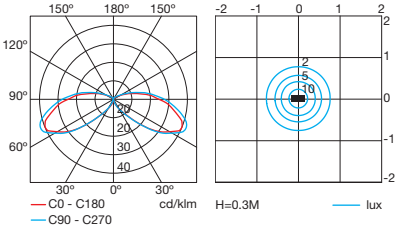
E-27 max. 100W / max. L=170mm
Halogen - Fluorescent - LED

IP 44 | IK 08

AL PUR | PC MAT DIF | 78 | 6 | ®

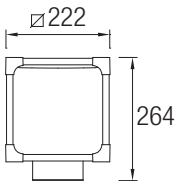
P. 695, 697, 709

PL 23W




27





VINTAGE NEW

10-9774-CC-M1

192 LED 220-240V 13W 1344lm(N)
Warm white 3000K

IP 54 IK 06

EAGLE RISE

AL PUR | PC OPAL DIF | 2 | 2 | ® | W WHITE

P. 579



CUBIK

10-9386-34-M3
10-9386-K7-M3
10-9386-Z5-M3

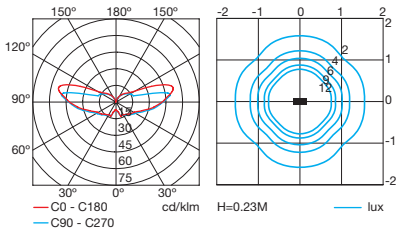
E-27 max. 60W / max. L=180mm
Halogen - Fluorescent - LED

IP 54 IK 10 RF 850°C

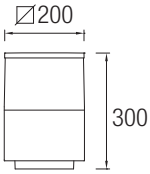
AL EXTR | AL PUR | PC MAT DIF | 4 | ®

P. 699

PL 13W







CUBIK

10-9387-34-M3
10-9387-K7-M3
10-9387-Z5-M3

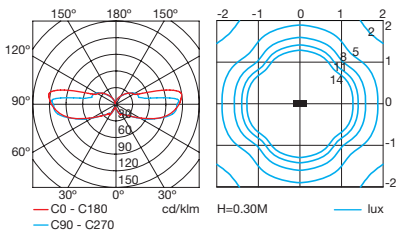
E-27 max. 100W / max. L=185mm
Halogen - Fluorescent - LED

IP 54 IK 10 RF 850°C

AL EXTR | AL PUR | PC MAT DIF | 4 | ®

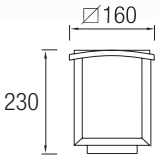
P. 699

PL 18W









MARK

10-9298-Z5-M3

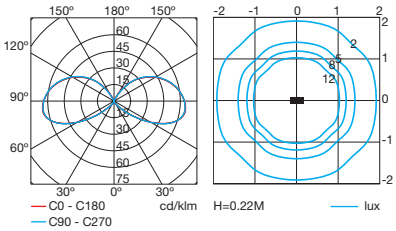
E-27 max. 100W / max. L=185mm
Halogen - Fluorescent - LED

IP 44

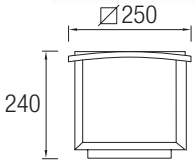
AL PUR | PC MAT DIF | IP+ | 23 | 6 | ®

P. 581 P. 609 P. 607 P. 709

PL 18W







MARK

10-9299-14-M1 PC OPAL NEW

10-9299-Z5-M3 PC MAT

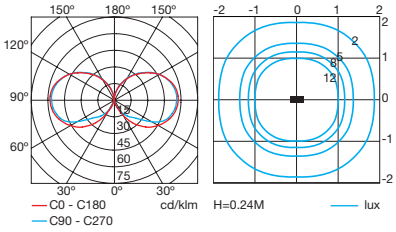
E-27 max. 100W / max. L=185mm
Halogen - Fluorescent - LED

IP 44

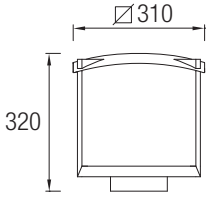
AL PUR | PC MAT DIF | PC OPAL DIF | IP+ | 24 | 4 | ®

P. 581 P. 609 P. 607 P. 709

PL 23W







MARK

10-9390-Z5-M3

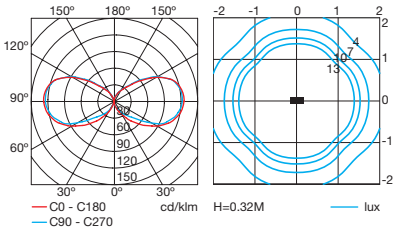
E-27 max. 150W / max. L=220mm
Halogen - Fluorescent - LED

IP 44

AL PUR | PC MAT DIF | IP+ | 34 | 2 | ®

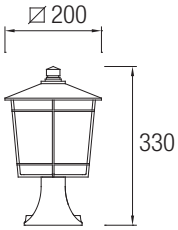
P. 581 P. 609 P. 607 P. 709

PL 30W









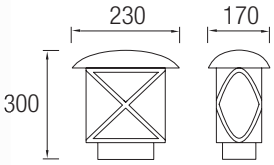
JANNA

10-9447-18-M3

E-27 max. 18W / max. L=160mm
Fluorescent - LED

P. 587 P. 611





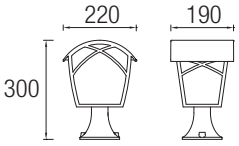
CROSS

10-9295-18-M3

E-27 max. 100W / max. L=170mm
Halogen - Fluorescent - LED

P. 591 P. 611 P. 719





ALBA

10-9350-18-AA

E-27 max. 100W / max. L=160mm
Halogen - Fluorescent - LED

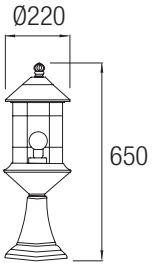
P. 583,589 P. 611 P. 607 P. 719



2 juegos de cristales incluidos (rústico ámbar + transparente satinado)./ 2 sets of glasess included (rustic amber + transparent satin). / 2 jeux de verres fournis (rustique ambré + transparent satiné)./2 Scheibensätze eingeschl. (rustikal bersteinfarben + tranparent satiniert). / 2 set di vetri inclusi (rustico ambra + trasparente satinato)./ 2 jogos de vidros incluidos (rústico âmbar + transparente acetinado)./ 2 стекла включены в комплект (янтарное и прозрачное сатинированное)./ Zawarte 2 komplety szkła (rustykalny bursztynowy + satynowany przezroczysty)







ANDREA NEW

10-9785-18-AA

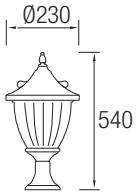
E-27 max. 100W / max. L=180mm
Halogen - Fluorescent - LED

IP 23

AL | GLA BU DIF | IP+ | 6

P. 593 P. 613 P. 729





GALATEA

10-9151-18-E7

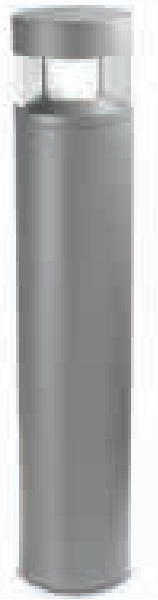
E-27 max. 100W / max. L=167mm
Halogen - Fluorescent - LED

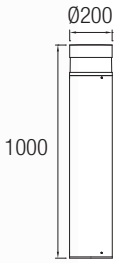
IP 23 | RF 850°C

AL INJ | GLA DIF | IP+ | 4

P. 593 P. 613 P. 728







NEWTON

55-9550-34-M2

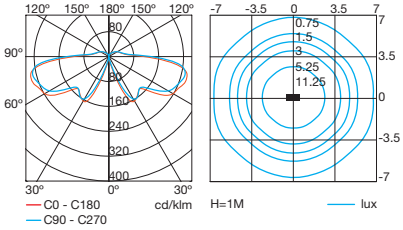
55-9550-Z5-M2

E-27 max. 100W / max. L=165mm Ø=55mm
Halogen - Fluorescent - LED

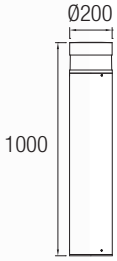
IP 65 IK 08

AL EXTR PC TRAN DIF 50 1

E-27 100W







NEWTON

55-9551-34-M2

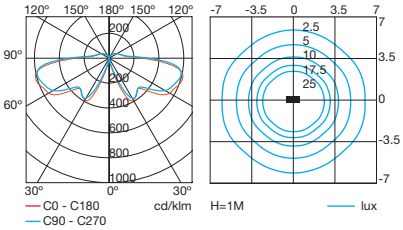
55-9551-Z5-M2

G12 35W HID 230V

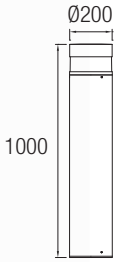
IP 65 IK 08

AL EXTR PC TRAN DIF 50 1

G12 35W







NEWTON

55-9552-34-M2

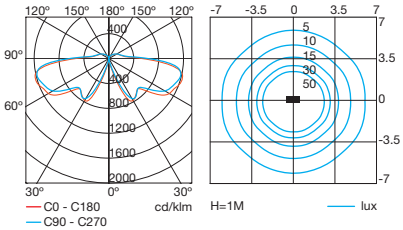
55-9552-Z5-M2

G12 70W HID 230V

IP 54 IK 08

AL EXTR PC TRAN DIF 50 1

G12 70W







NEWTON

55-9504-34-M2

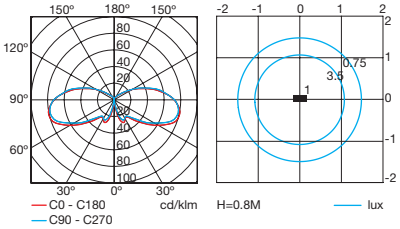
55-9504-Z5-M2

E-27 max. 60W / max. L=155mm Ø=55mm
Halogen - Fluorescent - LED

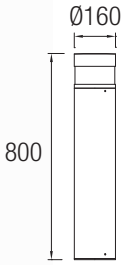
IP 65 | IK 08

AL PUR | PC TRAN DIF | GLA MAT DIF | 91 | 2 | ®

PL 23W







NEWTON

55-9505-34-M2

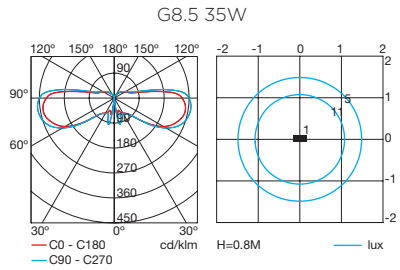
55-9505-Z5-M2

G8.5 35W HID 230V

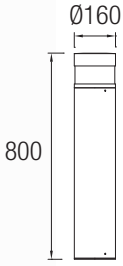
IP 65 | IK 08

AL PUR | PC TRAN DIF | GLA MAT DIF | 91 | 2 | ®

G8.5 35W







NEWTON

55-9506-34-M2

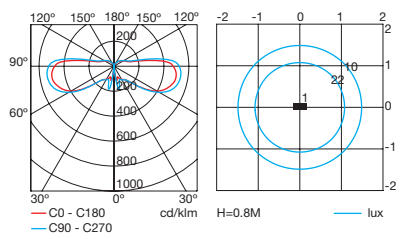
55-9506-Z5-M2

G8.5 70W HID 230V

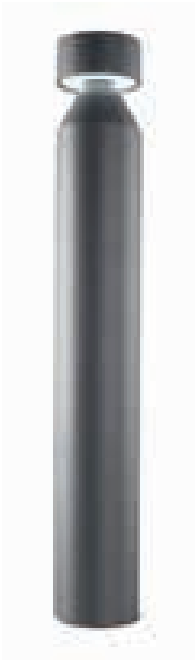
IP 54 | IK 08

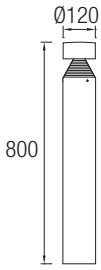
AL PUR | PC TRAN DIF | GLA MAT DIF | 91 | 2 | ®

G8.5 70W









CILIN

55-9706-Z5-CD

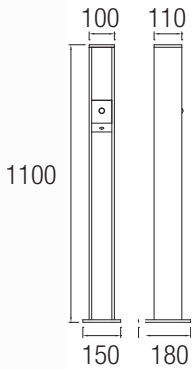
9 LED CREE 100-240V 9W 963lm(N)
Warm white 3000K

IP 65 | IK 08

EAGLE RISE

AL PUR | PC MAT DIF | 16 | 2 | WHITE





TWO-LIGHT NEW

55-9775-Z5-CD

E-27 max.23W / L= 180mm
+
LED 230V 1W
Warm white 3000K

IP 65

EAGLE RISE

AL PUR | PC MAT DIF | 41 | 2 | WHITE

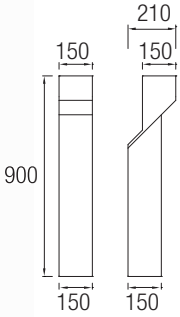
120° | 10m | TIME 6s-3,5m

SENSOR PIR. / PIR SENSOR / CAPTEUR PIR / PIR-SENSOR (BEWEGUNGSMELDER). / SENSORE PIR. / SENSOR PIR. / ИНФРАКРАСНЫЙ ДАТЧИК ДВИЖЕНИЯ / CZUJNIK PIR.



Doble iluminación: LED de señalización y E-27 mediante sensor.
Dual illumination: indicator LED and E-27 via sensor.
Double éclairage : LED de signalisation et E-27 par capteur.
Doppelte Beleuchtung: LED zur Signalisierung und E-27 mittels Sensor.
Doppia illuminazione: LED di segnalazione ed E-27 tramite sensore.
Dupla iluminação: LED de sinalização e E-27 através de sensor.
Двойное освещение: сигнальный светодиод и сенсорная лампа E-27
Podwójne oświetlenie: sygnalizacyjna LED i E-27 za pośrednictwem czujnika.





QUADRA

55-9374-34-T2

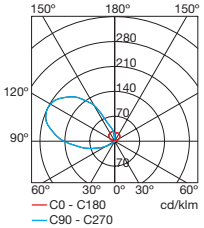
2 x GX24d-3 26W Fluorescent 230V

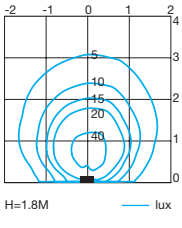
IP 44 | IK 03 | RF 850°C

BAG

AL PUR | GLASSAT | 92 | 2

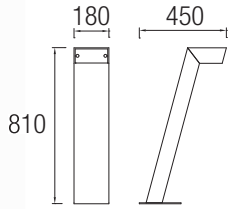
2 x Gx24d-3 26W











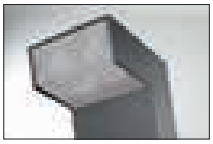
TORCH

55-9459-Z5-M3

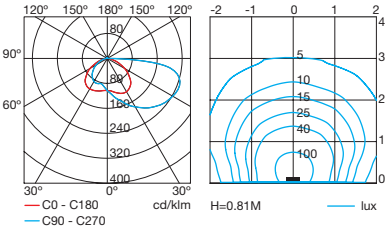
2 x E-27 max. 18W / max. L=150mm Ø=50mm
Fluorescent - LED

IP 65 | IK 10

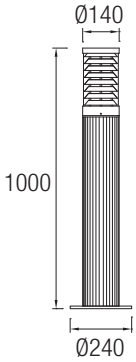
AL PUR | PC MAT DIF | 76 | 1 | ®



PL 18W







TEMIS

55-9479-34-M2

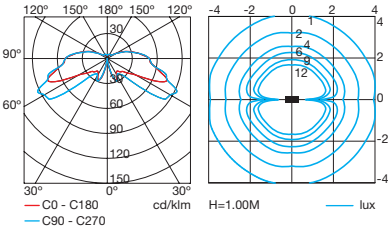
E-27 max. 100W / max. L=160mm Ø=55mm
Halogen - Fluorescent - LED

IP 65 | IK 08 | RF 850°C | 0,2m

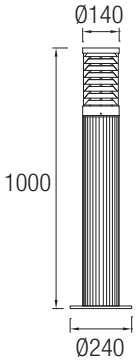
AL PUR | AL EXTR | PC TRAN DIF | 90 | 2 | ®

P. 549
P. 721, 723

PL 30W







TEMIS

55-9530-34-M2

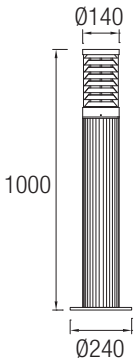
G12 70W HID 230V

IP 65 | IK 08 | RF 850°C | 0,2m

AL PUR | AL EXTR | PC TRAN DIF | 90 | 1 | ®

P. 549
P. 721, 723





TEMIS

55-9575-34-M2

G12 35W HID 230V

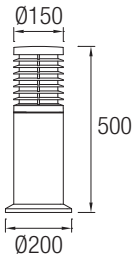
IP 65 | IK 08 | RF 850°C | 0,2m

AL PUR | AL EXTR | PC TRAN DIF | 90 | 1 | ®

P. 549
P. 721, 723







NOTT

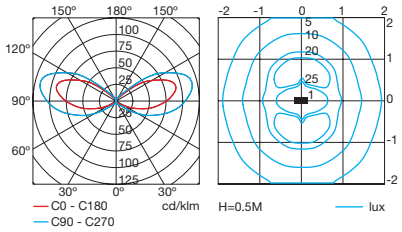
55-9655-05-CD

E-27 max. 23W / max. L=190mm
Fluorescent - LED

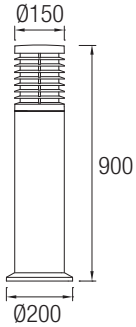
IP 65 IK 08

PP PC DIF 28 4 ®

PL 23W







NOTT

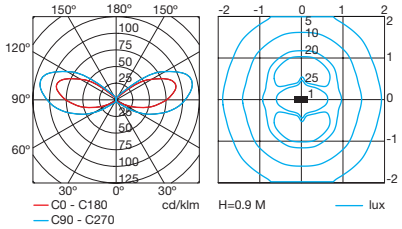
55-9656-05-CD

E-27 max. 23W / max. L=190mm
Fluorescent - LED

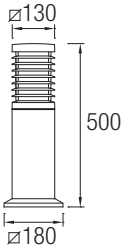
IP 65 IK 08

PP PC DIF 28 4 ®

PL 23W







NOTT

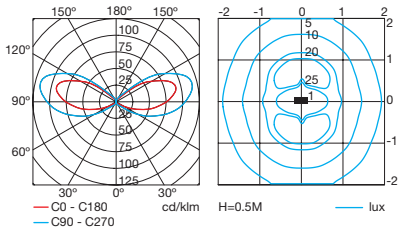
55-9657-05-CD

E-27 max. 23W / max. L=190mm
Fluorescent - LED

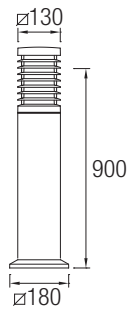
IP 65 IK 08

PP PC DIF 53 4 ®

PL 23W







NOTT

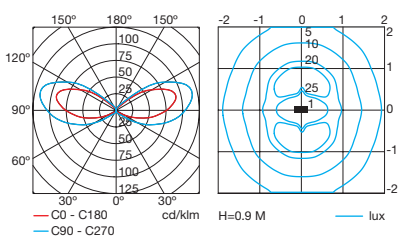
55-9658-05-CD

E-27 max. 23W / max. L=190mm
Fluorescent - LED

IP 65 IK 08

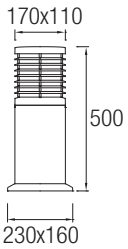
PP PC DIF 53 4 ®

PL 23W









NOTT

55-9357-34-M3

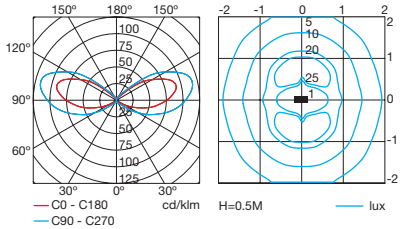
55-9357-Z5-M3

E-27 max. 30W / max. L=190mm
Halogen - Fluorescent - LED

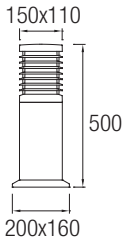
IP 44 IK 08

AL PUR | PMMA MAT DIF | 86 | 4 | R

PL 23W







NOTT

55-9358-34-M3

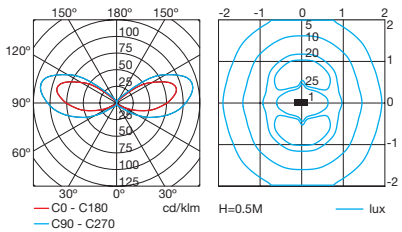
55-9358-Z5-M3

E-27 max. 30W / max. L=190mm
Halogen - Fluorescent - LED

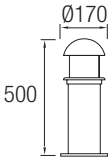
IP 44 IK 08

AL PUR | PMMA MAT DIF | 88 | 4 | R

PL 23W







BALIZAS

55-9335-Z5-M3

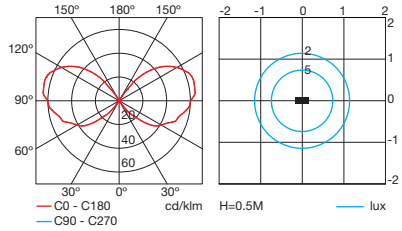
E-27 max. 100W / max. L=140mm Ø=55mm
Halogen - Fluorescent - LED

IP 44 IK 08

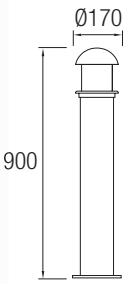
AL PUR | PC MAT DIF | 78 | 4 | R

P. 675

PL 23W







BALIZAS

55-9336-Z5-M3

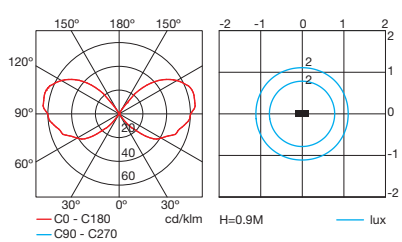
E-27 max. 100W / max. L=140mm Ø=55mm
Halogen - Fluorescent - LED

IP 44 IK 08

AL PUR | PC MAT DIF | 78 | 4 | R

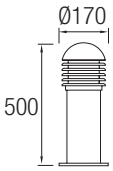
P. 675

PL 23W









BALIZAS

55-9319-34-M3

55-9319-Z5-M3

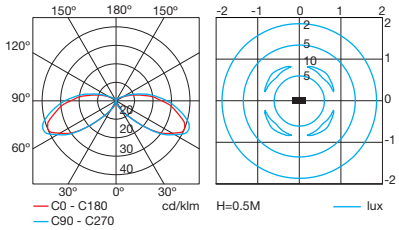
E-27 max. 100W / max. L=140mm Ø=55mm
Halogen - Fluorescent - LED

IP 44 IK 08

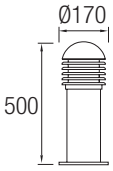
AL PUR PC MAT DIF 78 4 ®

P. 675

PL 23W







BALIZAS

55-9342-34-M3

55-9342-Z5-M3

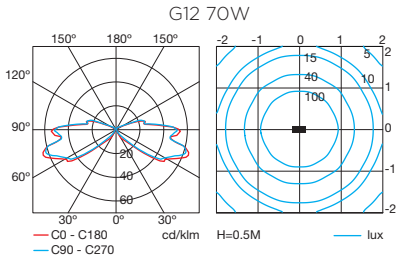
G12 70W HID 230V

IP 44 IK 08

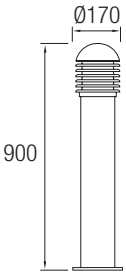
AL PUR PC MAT DIF 78 4 ®

P. 675

G12 70W







BALIZAS

55-9320-34-M3

55-9320-Z5-M3

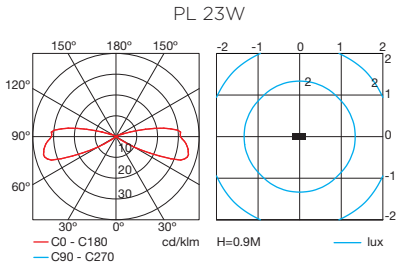
E-27 max. 100W / max. L=140mm Ø=55mm
Halogen - Fluorescent - LED

IP 44 IK 08

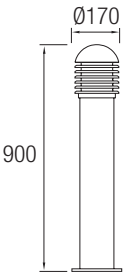
AL PUR PC MAT DIF 78 4 ®

P. 675

PL 23W







BALIZAS

55-9343-34-M3

55-9343-Z5-M3

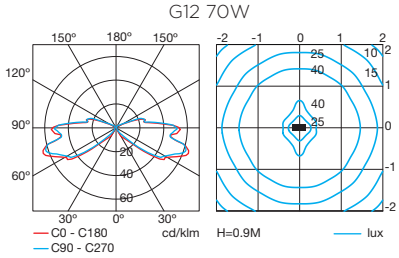
G12 70W HID 230V

IP 44 IK 08

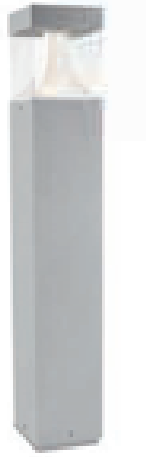
AL PUR PC MAT DIF 78 4 ®

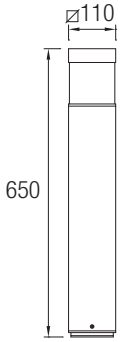
P. 675

G12 70W









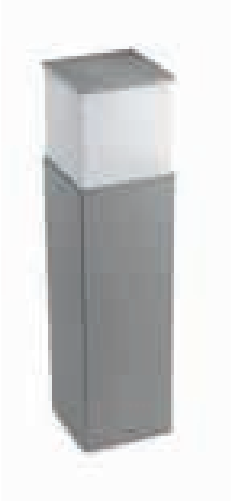
CUBASE

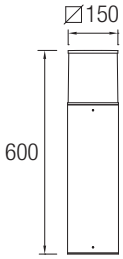
55-9690-34-M2

4 LED CREE 100-240V 9W 728lm(N)
Warm white 3000K

IP 54

AL EXTR | PC TRAN DIF | 15 | 2 | ® | W WHITE





CUBIK

55-9488-34-M3

55-9488-Z5-M3

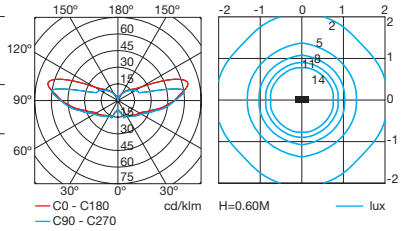
E-27 max. 60W / max. L=180mm
Halogen - Fluorescent - LED

IP 54 | IK 10 | RF 850°C

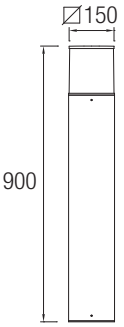
AL EXTR | PC MAT DIF | 49 | 2 | ®

P. 677

PL 13W







CUBIK

55-9549-34-M3

55-9549-Z5-M3

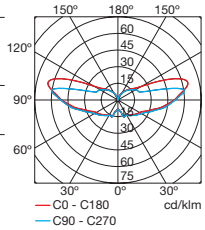
E-27 max. 60W / max. L=180mm
Halogen - Fluorescent - LED

IP 54 | IK 10 | RF 850°C

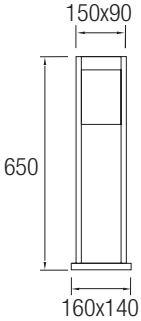
AL EXTR | PC MAT DIF | 49 | 2 | ®

P. 677

PL 13W







HEBE

55-9238-34-M3

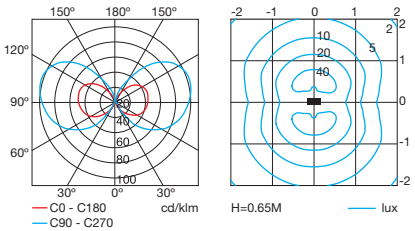
E-27 max. 100W / max. L=167mm Ø=51mm
Halogen - Fluorescent - LED

IP 54

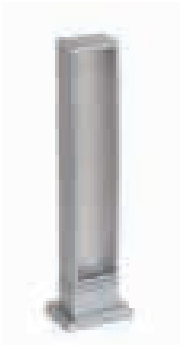
AL INJ | PC MAT DIF | 70 | 4

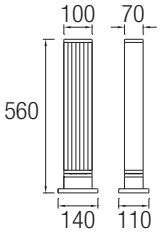
P. 571

PL 30W









TINA

55-9581-34-M3

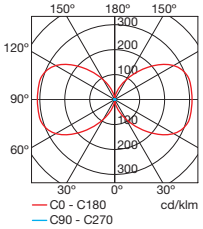
2G11 36W 230V

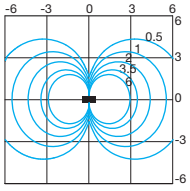
IP 54 | IK 07 | RF 850°C

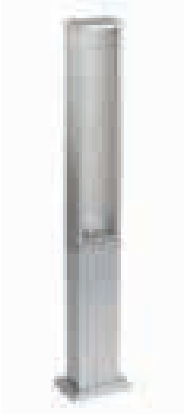
AL EXTR | PC MAT DIF | 360° | 51 | 2 | ®

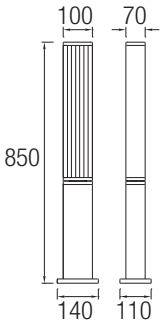
P. 541

2G11 36W









TINA

55-9582-34-M3

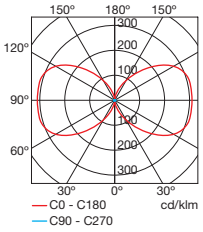
2G11 36W 230V

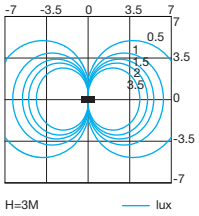
IP 54 | IK 07 | RF 850°C

AL EXTR | PC MAT DIF | 360° | 51 | 2 | ®

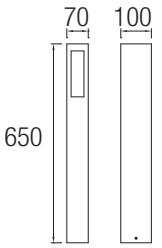
P. 541

2G11 36W









WAY NEW

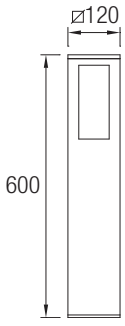
55-9759-Z5-T2

E-27 max. 60W / max. L=180mm
Halogen - Fluorescent

IP 54 | IK 06 | RF 850°C | 0,5m

AL EXTR | GLA MAT DIF | 85 | 4 | ®





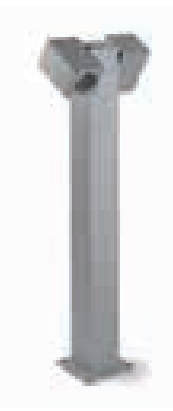
WAY

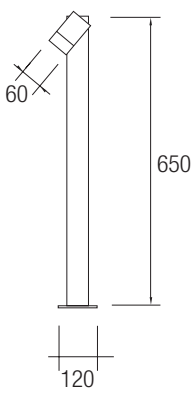
55-9682-Z5-37

GU-10 max. 50W / max. L=80mm
Halogen - Fluorescent - LED

IP 65 | IK 08 | RF 850°C | 0,5m

AL EXTR | GLA DIF | ±45° | 84 | 2 | ®





ICARO

55-9190-34-37

2 x GU-10 max. 50W / max. L=75mm
Halogen - Fluorescent - LED

IP 44 | RF 850°C | 0,5m

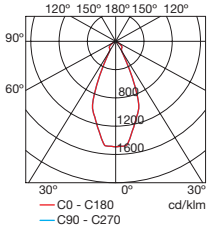
2 x OSRAM 50W

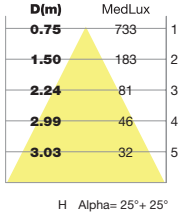
AL INJ | GLA HARD DIF | 29 | ±120° | 2 | ®

P. 521

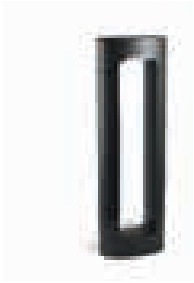
P. 559

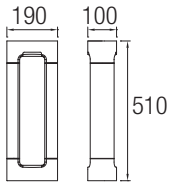
GU-10 50W











MÜLLER

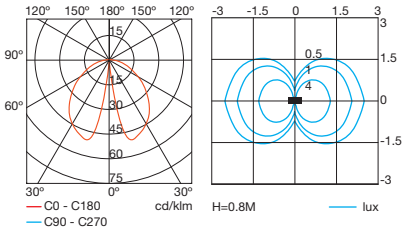
10-9556-Z5-M3

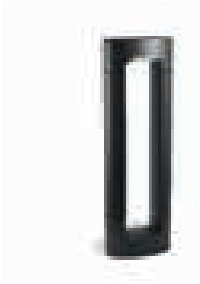
GX53 max. 13W
Fluorescent - LED

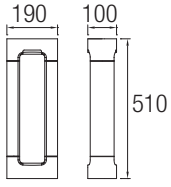
IP 54 IK 08

AL EXTR PC MAT DIF 94 4 ®

GX53 13W







MÜLLER

10-9557-Z5-M3

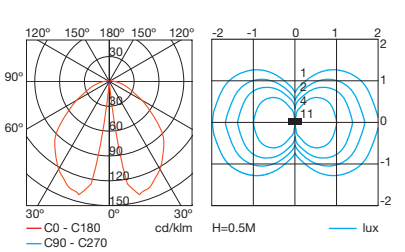
LED BRIDGELUX 100-240V 10W 1050lm(N)
Neutral white 4000K

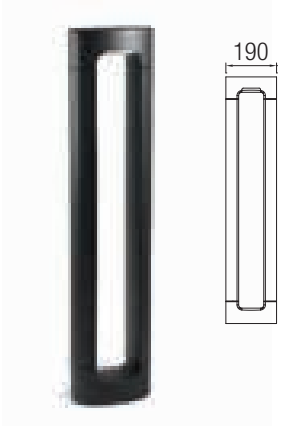
IP 54 IK 08

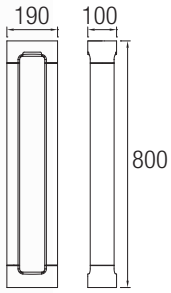
MEANWELL

AL EXTR PC MAT DIF 94 4 ® FILTER 3000K N WHITE W WHITE

LED 10W







MÜLLER

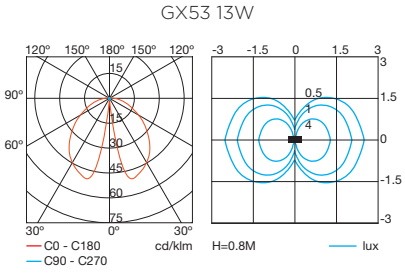
55-9556-Z5-M3

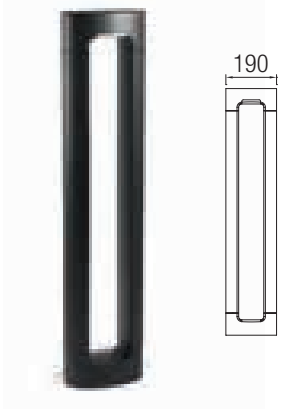
GX53 max. 13W
Fluorescent - LED

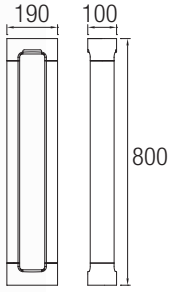
IP 54 IK 08

AL EXTR PC MAT DIF 94 2 ®

GX53 13W







MÜLLER

55-9557-Z5-M3

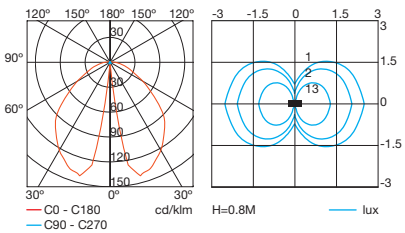
LED BRIDGELUX 100-240V 10W 1050lm(N)
Neutral white 4000K

IP 54 IK 08

MEANWELL

AL EXTR PC MAT DIF 94 2 ® FILTER 3000K N WHITE W WHITE

LED 10W







PILE

10-9555-34-M3

4 LED CREE 100-240V 4W 488lm(N)
Neutral white 4000K

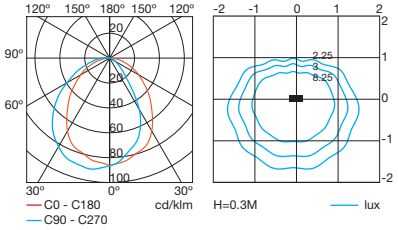
IP 54

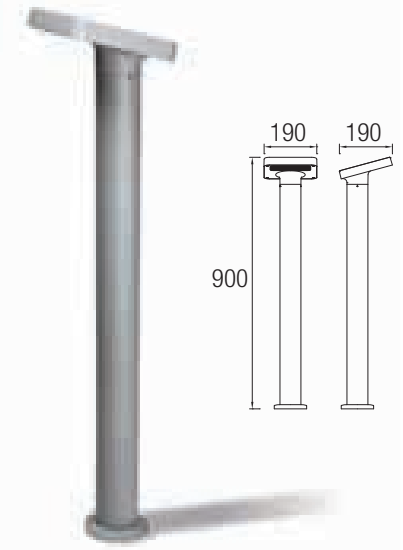
EAGLE RISE

AL PUR | PC MAT DIF | 102 | 4 | FILTER 3000K | N WHITE | W WHITE

P. 553

LED 4W





PILE

55-9555-34-M3

8 LED CREE 100-240V 8W 976lm(N)
Neutral white 4000K

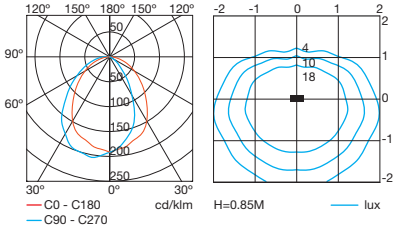
IP 54

EAGLE RISE

AL PUR | PC MAT DIF | 102 | 2 | FILTER 3000K | N WHITE | W WHITE

P. 553

LED 8W





WALKER

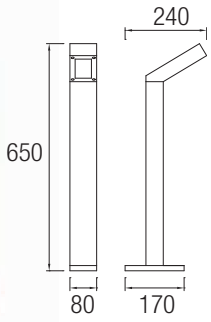
55-9595-34-M3 (S)

3 LED CREE 100-240V 6,5W 621lm(N)
Neutral white 4000K

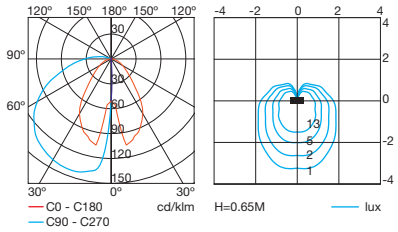
IP 44 | RF 850°C

AL INJ | PC MAT DIF | 52 | 4 | N WHITE

P. 565



LED 6W





SHARPE

55-9602-34-M1

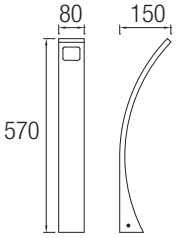
3 LED CREE 100-240V 3W 366lm(N)
Neutral white 4000K

IP 44 | RF 850°C

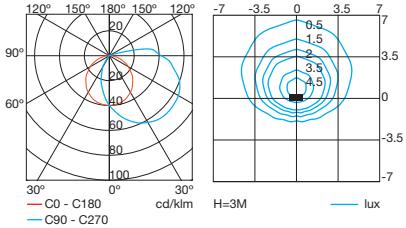
EAGLE RISE

AL INJ | PC OPAL DIF | 4 | N WHITE

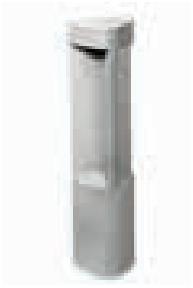
P. 565

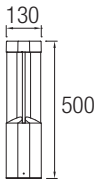


LED 3W









TAUBE

10-9607-34-M1

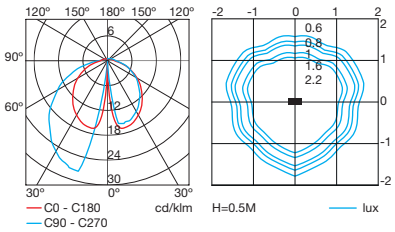
3 LED CREE 100-240V 6,5W 621lm(N)
Neutral white 4000K

IP 44

EAGLE RISE

AL INJ | PC OPAL DIF | 63 | 4 | N WHITE

LED 6W







TAUBE

55-9607-34-M1

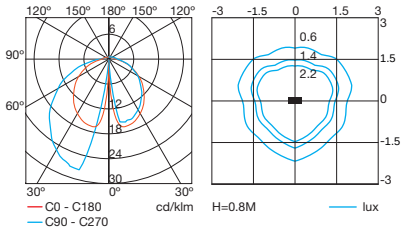
3 LED CREE 100-240V 6,5W 621lm(N)
Neutral white 4000K

IP 44

EAGLE RISE

AL INJ | PC OPAL DIF | 63 | 4 | N WHITE

LED 6W







BEUTLER NEW

55-9760-Z5-37

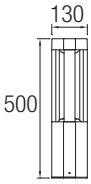
LED BRIDGELUX 100-240V 4,25W 400lm(N)
Neutral white 4000K

IP 54

SELF

AL INJ | PC TRAN DIF | 73 | 4 | ® | N WHITE





HELION

55-9720-Z5-M1

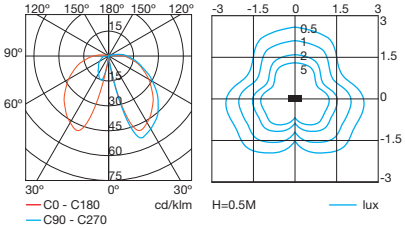
LED EDISON 100-240V 6W 440lm(N)
Warm white 3000K

IP 54

EAGLE RISE

AL INJ | PC OPAL DIF | 63 | 4 | ® | W WHITE

LED 6W







HELION

55-9721-Z5-M1

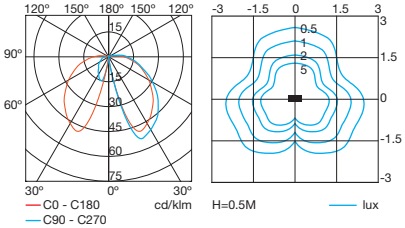
LED EDISON 100-240V 6W 440lm(N)
Warm white 3000K

IP 54

EAGLE RISE

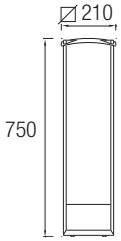
AL INJ | PC OPAL DIF | 63 | 4 | ® | W WHITE

LED 6W









MARK

55-9390-14-M1 ☐ PC OPAL NEW

55-9390-Z5-M3 ■ PC MAT

2G11 55W 230V

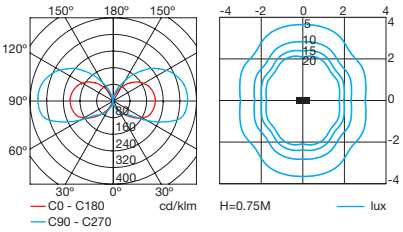
IP 44

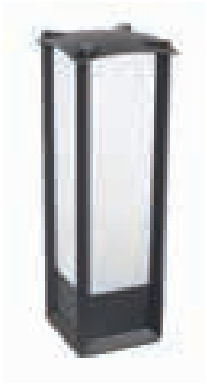
BAG

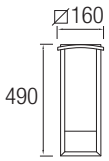
AL PUR | PC MAT DIF | PC OPAL DIF | 95 | 2 | ®

P. 581 P. 609 P. 607 P. 679

2G11 55W







MARK

55-9298-Z5-M3 ■

2G11 24W 230V

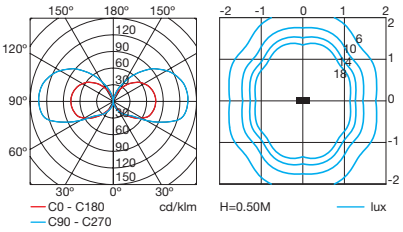
IP 44

BAG

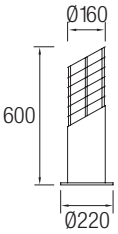
AL PUR | PC MAT DIF | 75 | 4 | ®

P. 581 P. 609 P. 607 P. 679

2G11 24W







BALIZAS

55-8956-05-M1 ■ (S)

55-8956-34-M1 ■ (S)

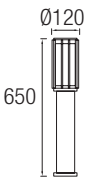
E-27 max. 100W / max. L=167mm Ø=51mm
Halogen - Fluorescent - LED

IP 44

AL INJ | PC OPAL DIF | 40 | 4 | ®

P. 675





SIMS

55-9717-34-M1 ■

E-27 max. 30W / max. L=200mm
Fluorescent - LED

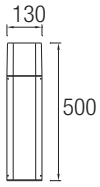
IP 44

AL INJ | PC OPAL DIF | 18 | 4

P. 571 P. 607







MANDELA

55-9605-Z5-M1

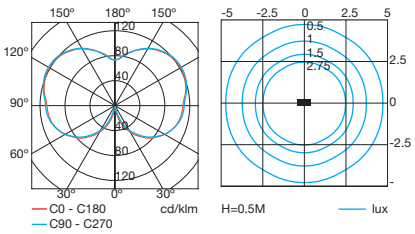
E-27 max. 40W / max. L=150mm
Halogen - Fluorescent - LED

IP 44

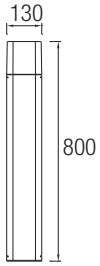
AL INJ | PC OPAL DIF | 63 | 6

P. 571

PL 18W







MANDELA

55-9606-Z5-M1

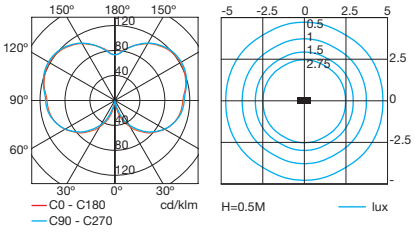
E-27 max. 40W / max. L=150mm
Halogen - Fluorescent - LED

IP 44

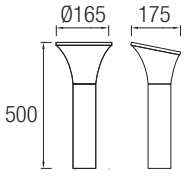
AL INJ | PC OPAL DIF | 63 | 6

P. 571

PL 18W







SUZUKI

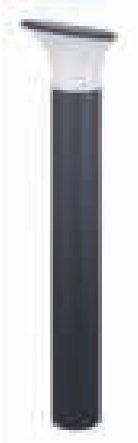
55-9715-Z5-M1

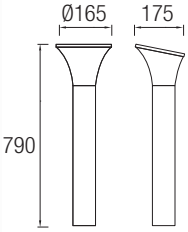
E-27 max. 18W / max. L=150mm Ø=53mm
Fluorescent - LED

IP 54

AL INJ | PC OPAL DIF | 11 | 4

P. 571





SUZUKI

55-9716-Z5-M1

E-27 max. 18W / max. L=150mm Ø=53mm
Fluorescent - LED

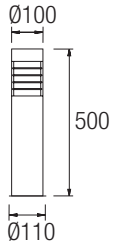
IP 54

AL INJ | PC OPAL DIF | 11 | 4

P. 571







PRIAP NEW

55-9239-CA-M2

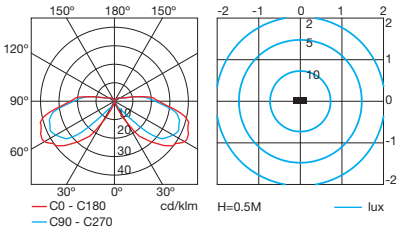
E-27 max. 23W / max. L=152mm Ø=50mm
Fluorescent - LED

IP 54

INOX AISI 316 | PC TRAN DIF | 71 | 4 | R

P. 573

PL 23W







PRIAP NEW

55-9440-CA-M2

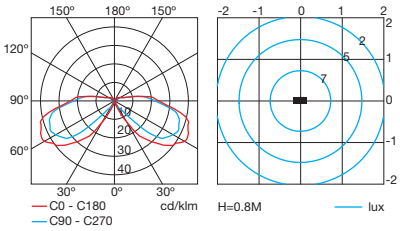
E-27 max. 23W / max. L=152mm Ø=50mm
Fluorescent - LED

IP 54

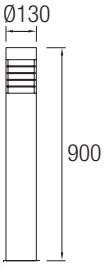
INOX AISI 316 | PC TRAN DIF | 71 | 4 | R

P. 573

PL 23W







PRIAP

55-9317-Y4-M2

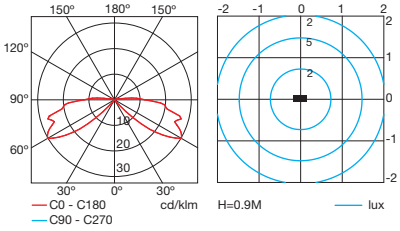
E-27 max. 23W / max. L=152mm Ø=50mm
Fluorescent - LED

IP 54

INOX AISI 202 | PC TRAN DIF | 2 | R

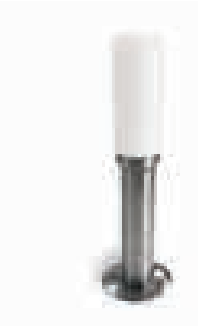
P. 573

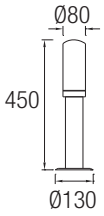
PL 23W



INOX p.889







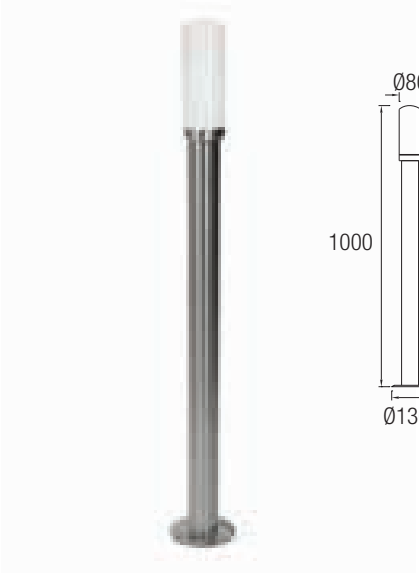
EDWARDS

10-9613-CA-B8

E-27 max. 75W / max. L=160mm Ø=50mm
Halogen - Fluorescent - LED

IP 44 | RF 850°C | INOX AISI 316 | GLA MAT DIF | 58 | 4 | ®

P. 575



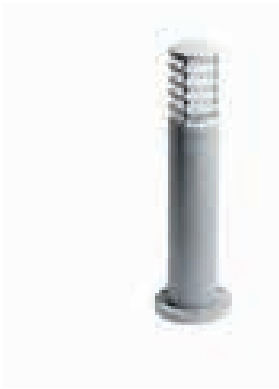
EDWARDS

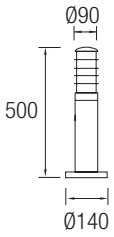
55-9613-CA-B8

E-27 max. 75W / max. L=160mm Ø=50mm
Halogen - Fluorescent - LED

IP 44 | RF 850°C | INOX AISI 316 | GLA MAT DIF | 58 | 4 | ®

P. 575





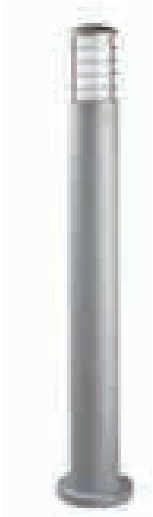
ALEXANDRIA

10-9329-18-B8 (S)

10-9329-34-B8

E-27 max. 100W / max. L=167mm Ø=51mm
Halogen - Fluorescent - LED

IP 44 | RF 850°C | AL INJ | GLA MAT DIF | 33 | 4





ALEXANDRIA

55-9329-18-B8 (S)

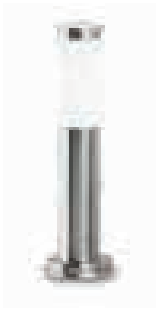
55-9329-34-B8

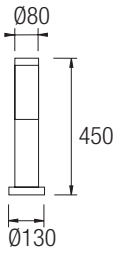
E-27 max. 100W / max. L=167mm Ø=51mm
Halogen - Fluorescent - LED

IP 44 | RF 850°C | AL INJ | GLA MAT DIF | 33 | 4

INOX
p.889







ELECTRA

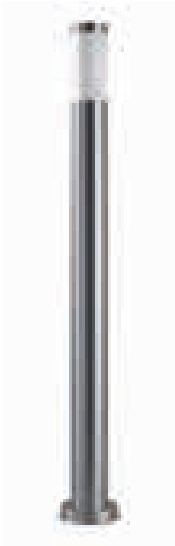
10-8790-Y4-M1

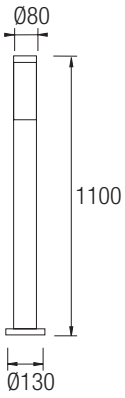
E-27 max. 23W / max. L=167mm Ø=55mm
Fluorescent - LED

IP 55

INOX AISI 202 | PC OPAL DIF | 17 | 4

P. 573





ELECTRA

55-8790-Y4-M1

E-27 max. 23W / max. L=167mm Ø=55mm
Fluorescent - LED

IP 55

INOX AISI 202 | PC OPAL DIF | 17 | 2

P. 573



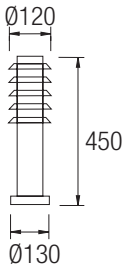


55-8791-Y4-Y4

Kit reflector / Reflector kit / Kit réflecteur / Reflektor-Kit / Kit riflettore / Kit refletor / Комплект отражателей / Zestaw odbłyśnika / **10-8790, 55-8790**

12





ELECTRA

10-9333-J6-M1

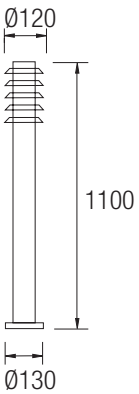
E-27 max. 23W / max. L=167mm Ø=51mm
Fluorescent - LED

IP 55

INOX AISI 202 | PC OPAL DIF | 17 | 4

P. 573





ELECTRA

55-9333-J6-M1

E-27 max. 23W / max. L=167mm Ø=51mm
Fluorescent - LED

IP 55

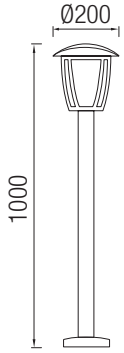
INOX AISI 202 | PC OPAL DIF | 17 | 2

P. 573

INOX p.889







EVANS

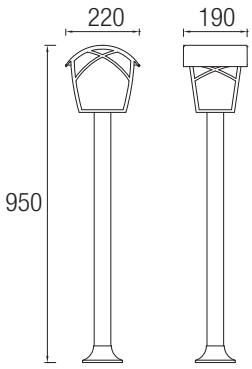
55-9624-18-M3 (S)

E-27 max. 40W / max. L=130mm
Halogen - Fluorescent - LED

IP 23

AL INJ | PC MAT DIF | 21 | 2 | ®





ALBA

55-9350-18-AA

E-27 max.100W / max. L=160mm
Halogen - Fluorescent - LED

IP 23 | RF 850°C

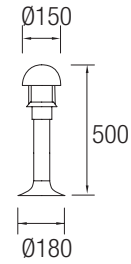
AL PUR | GLA RUST DIF | 79 | 2 | ®

P. 583, 589 | P. 607 | P. 611 | P. 681



2 juegos de cristales incluidos (rústico ámbar + transparente satinado)./ 2 sets of glasses included (rustic amber + transparent satin). / 2 jeux de verres fournis (rustique ambré + transparent satiné)./2 Scheibensätze eingeschl. (rustikal bersteinfarben + tranparent satiniert). / 2 giochi di vetri inclusi (rustico ambretta + trasparente satinato)./ 2 jogos de vidros incluídos (rústico âmbar + transparente acetinado)./ 2 стекла включены в комплект (янтарное и прозрачное сатинированное)./ Zawarte 2 komplety szkła (rustykalny bursztynowy + satynowany przezroczysty)





MIDAS

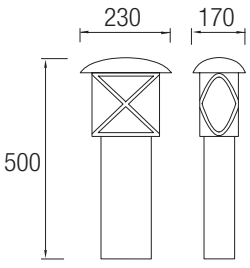
10-9183-18-B8

E-27 max.100W / max. L=128mm Ø=45mm
Halogen - Fluorescent - LED

IP 44 | RF 850°C

AL INJ | GLA MAT DIF | 20 | 4





CROSS

55-9295-18-M3

E-27 max.100W / max. L=170mm
Halogen - Fluorescent - LED

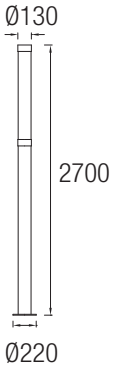
IP 44

AL PUR | PC MAT DIF | IP+ | 22 | 4 | ®

P. 591 | P. 611 | P. 681







LYON

55-9670-34-M1

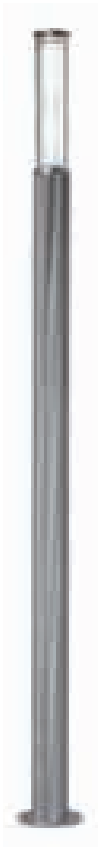
2 x T5 21/39W 230V

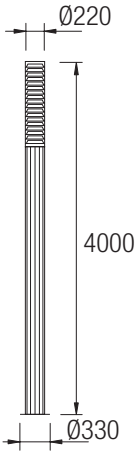
IP 65 IK 08

BAG

AL EXTR | PC OPAL DIF | 83 | 1 | ®

Sodio de alta presión y halogenuros metálicos.
High pressure sodium and metal halide.
Sodium haute pression et iodures métalliques.
Natriumdampf - Hochdrucklampen und Halogen - Metalldampfflampen.
Sodio ad alta pressione e alogenuri metallici.
Sódio de alta pressão e iodetos metálicos.
Натриевые лампы высокого давления и металлогалогеновые лампы.
Soda wysokociśnieniowa i metalohalogen.





60-9294
+
55-9293

TEMIS

60-9294-34-M2

2 x E-40 150W 230V

IP 65 IK 08

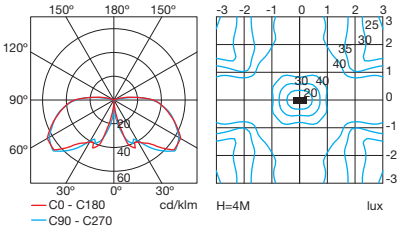
PHILIPS

AL EXTR | PC TRAN DIF | 1 | ®

P. 549 P. 691

2 x E-40 150W

60-9294+55-9293



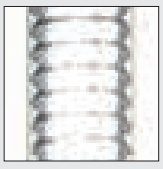
TEMIS

55-9293-34-34

Columna de 4m de altura./ 3.5m high column./ Mât de 4 m de haut./ Säule, 4 m hoch./ Colonna di 4m di altezza./ Coluna de 4 m de altura./ Колонна высотой 4 м./ Słup o wysokości 4m.

IP 65 IK 08

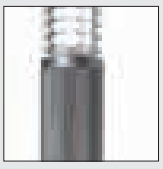
AL EXTR | PC TRAN DIF | 74 | 1 | ®



Reflectores anticontaminación lumínica.
Anti light pollution reflectors.
Réflecteurs anti-pollution lumineuse.
Reflektore für eine umweltfreundliche Beleuchtung
Riflettori anti-contaminazione luminica.
Reflectores que evitam a poluição luminosa.
Отражатели для предотвращения светового загрязнения
Odbłyśniki zapobiegające zjawisku "light pollution"

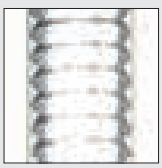


Kit de instalación incluido.
Installation kit included.
Kit d'installation compris.
Einbaukit inklusive.
Kit installazione incluso.
Kit de instalação incluído.
Прилагается набор для установки
Zestaw montażowy w komplecie



Superficie estriada para evitar el pegado de adhesivos.
Slotted surface to prevent sticking of adhesives.
Surface striée pour éviter le collage d'adhésifs.
Gestreckte Oberflächen, um das Ankleben von Adhäsivmaterial zu vermeiden
Superficie striata per evitare l'attacco degli adesivi.
Superficie estriada para evitar a colagem de adesivos.
Рифленая поверхность для предотвращения размещения наклеек.
Powierzchnia szczelinowana uniemożliwiająca przyklejanie

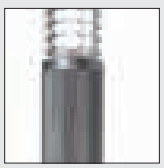
Certificado CE para la instalación en espacios públicos.
CE Certificate for installation in publics places.
Certificat CE pour l'installation dans les espaces publics.
CE-Zertifikat für die Installation an öffentlichen Bereichen.
Certificato CE per la installazione in spazi publici.
Certificado CE para instalação em espaços públicos.
Сертификат CE для установки в общественных местах.
Posiada certyfikat CE na montaż w miejscach publicznych.



Reflectores anticontaminación lumínica.
Anti light pollution reflectors.
Réflecteurs anti-pollution lumineuse.
Reflektore für eine umweltfreundliche Beleuchtung
Riflettori anti-contaminazione lumínica.
Reflectores que evitam a poluição luminosa.
Отражатели для предотвращения светового загрязнения
Odbłyśniki zapobiegające zjawisku "light pollution"



Kit de instalación incluido.
Installation kit included.
Kit d'installation compris.
Einbaukit inklusive.
Kit installazione incluso.
Kit de instalação incluído.
Прилагается набор для установки
Zestaw montażowy w komplecie



Superficie estriada para evitar el pegado de adhesivos.
Slotted surface to prevent sticking of adhesives.
Surface striée pour éviter le collage d'adhésifs.
Gestreckte Oberflächen, um das Ankleben von Adhäsivmaterial zu vermeiden
Superficie striata per evitare l'attacco degli adesivi.
Superficie estriada para evitar a colagem de adesivos.
Рифленая поверхность для предотвращения размещения наклеек.
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Certificado CE para la instalación en espacios públicos.
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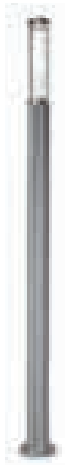
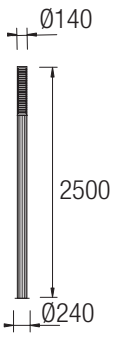




TEMIS

55-9431-34-M2

2 x GX24q-4 26-32-42W 230V

IP 65 IK 08

BAG

AL EXTR | PC TRAN DIF | 100 | 1 | R

P. 549 P. 691



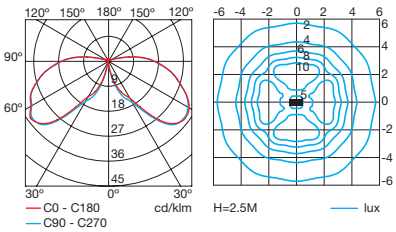
TEMIS

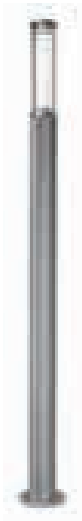
71-9515-52-52

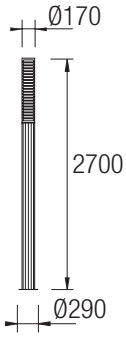
Reflector direccional para / Directional reflector for / Réflecteur directionnel pour / Reflektor für / Riflettore direzionale per / Refletor direcional para / Направленный отражатель для / Odbłyśnik kierunkowy dla / **55-9431**

AL PUR | 180° | 1 | R

2 x GX24q-4 42W







TEMIS

55-9268-34-M2

4 x 2G11 55W 230V

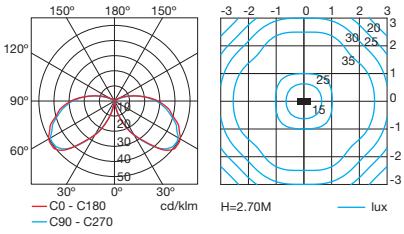
IP 65 IK 08

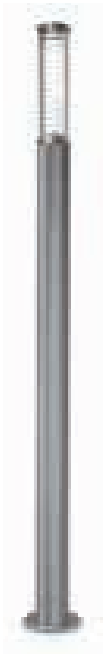
OSRAM

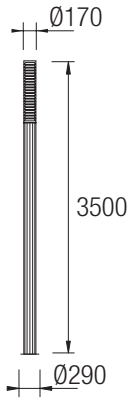
AL EXTR | PC TRAN DIF | 67 | 1 | R

P. 549 P. 691

4 x 2G11 55W







TEMIS

55-9269-34-M2

4 x 2G11 55W 230V

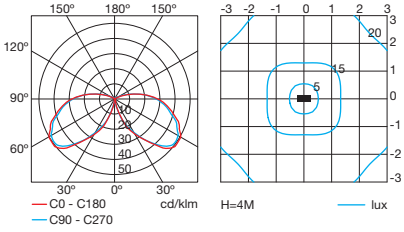
IP 65 IK 08

OSRAM

AL EXTR | PC TRAN DIF | 67 | 1 | R

P. 549 P. 691

4 x 2G11 55W



TEMIS

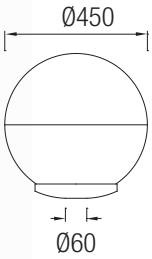
71-9514-52-52

Reflector direccional para / Directional reflector for / Réflecteur directionnel pour / Reflektor für / Riflettore direzionale per / Refletor direcional para / Направленный отражатель для / Odbłyśnik kierunkowy dla / **55-9268, 55-9269**

AL PUR | 180° | 1 | R







HEADS

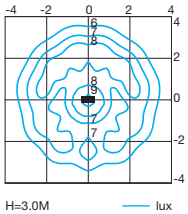
60-9482-Z5-M2

E-27 max. 100W
Halogen - Fluorescent - LED

IP 44 IK 08

PC PMMA PRISM DIF

PL 30W



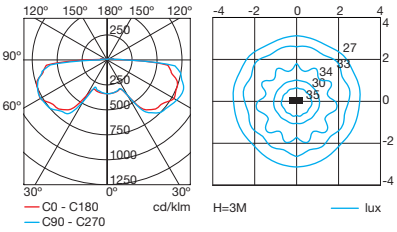
HEADS

71-9508-00-00

E-27 70W 230V

Kit de sodio de alta presión y halogenuros metálicos de 70W para / 70W high pressure sodium and metal halide kit for / Kit de sodium haute pression et iodures métalliques de 70 W pour / Kit für Natriumdampf - Hochdrucklampen und Halogen - Metalldampflampen. mit 70 W für / Kit di sodio ad alta pressione e alogenuri metallici di 70W per / Kit de sódio de alta pressão e iodetos metálicos de 70 W para / Комплект под натриевые лампы высокого давления и металлогалогеновые лампы 70Вт для / Soda wysokociśnieniowa i metalohalogen 70W dla **60-9482**

HIT 70W





POMPEYA

71-9291-34-34

Soporte para instalación en poste de diámetro 60mm para usar con los cabezales Pompeya: / Supporting bracket for use with 60mm diameter post installation. To be used with Pompeya heads: / Support à installer sur un mât de 60 mm de diamètre à utiliser avec les têtes Pompeya: / Halterung an Masten mit 60 mm Durchmesser zur Verwendung mit den Köpfen Pompeya: / Supporto per installazione su palo di diametro 60mm da utilizzare con testata Pompeya:/ Suporte para instalação em poste com diâmetro de 60 mm para usar com as cabeças Pompeya: / Крепление для установки на столбе диаметром 60 мм для использования головок Помпея: / Wspornik dla instalacji na słupku o średnicy 60mm do użycia z głowicami Pompeya: / **05-9251, 05-9537, 05-9538, 05-9539, 05-9254**

RF 850ºC

AC FUND

P. 501





POMPEYA

71-9292-34-34

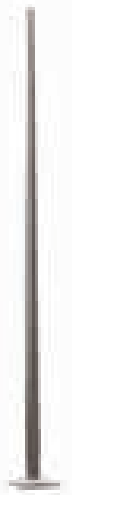
Soporte para instalación en poste de diámetro 60mm para usar con los cabezales Pompeya: / Supporting bracket for use with 60mm diameter post installation. To be used with Pompeya heads: / Support à installer sur un mât de 60 mm de diamètre à utiliser avec les têtes Pompeya: / Halterung an Masten mit 60 mm Durchmesser zur Verwendung mit den Köpfen Pompeya: / Supporto per installazione su palo di diametro 60mm da utilizzare con testata Pompeya:/ Suporte para instalação em poste com diâmetro de 60 mm para usar com as cabeças Pompeya: / Крепление для установки на столбе диаметром 60 мм для использования головок Помпея: / Wspornik dla instalacji na słupku o średnicy 60mm do użycia z głowicami Pompeya: / **05-9251, 05-9537, 05-9538, 05-9539, 05-9254**

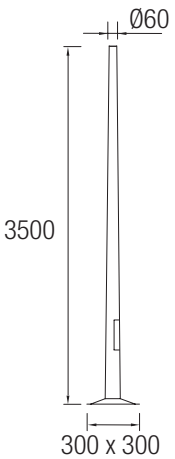
RF 850ºC

AC FUND

P. 501







55-9305-48-48

Columna de 3,5m de altura./ 3.5m high column./ Mât de 3,5 m de haut./ Säule, 3,5 m hoch./ Colonna di 3,5m di altezza./ Coluna de 3,5 m de altura./ Колонна высотой 3,5 м./ Słup o wysokości 3,5m.

AC FUND 77



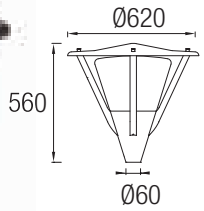
Kit de instalación incluido /
Installation kit included /
Kit d'installation compris /
Einbaukit inklusive / Kit installazione incluso /
Kit de instalação incluído /
Прилагается набор для установки/
Zestaw montażowy w komplecie

Sustitución de la lámpara sin herramientas.
Lamps can be changed without any tools.
Remplacement de la lampe sans outils.
Leuchtmittelersetzung ohne Werkzeuge.

Sostituzione della lampadina senza attrezzi.
Substituição de lâmpada sem ferramenta
Ручная замена лампочки.
Żarówka może być wymieniona bez użycia narzędzi







HEADS

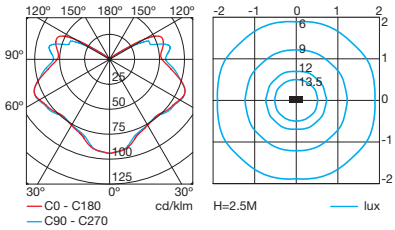
60-9376-Z5-M3

E-27 max. 150W
Halogen - Fluorescent - LED

IP 65 | IK 08

TEC POLI | PC MAT DIF | 2 | ®

E-27 100W



HEADS



71-9399-05-05

Accesorio anticontaminación lumínica para / Anti light pollution accessory for / Accessoire antipollution lumineuse pour / Zubehöre gegen Lichtverschmutzung für / Accessorio anti-inquinamento luminico per / Acessório antipoluição luminosa para / Принадлежность против светового загрязнения для / Akcesorium przeciw zanieczyszczeniu świetlnemu dla / **60-9376**.

10 | ®

HEADS



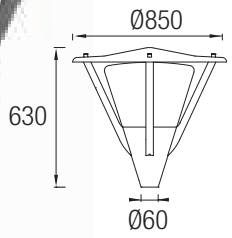
71-9442-00-00

E-27 70W 230V

Kit de sodio de alta presión y halogenuros metálicos de 70W para / 70W high pressure sodium and metal halide kit for / Kit de sodium haute pression et iodures métalliques de 70 W pour / Kit für Natriumdampf - Hochdrucklampen und Halogen - Metalldampflampen. mit 70 W für / Kit di sodio ad alta pressione e alogenuri metallici di 70W per / Kit de sódio de alta pressão e iodetos metálicos de 70 W para / Комплект под натриевые лампы высокого давления и металлогалогеновые лампы 70Вт для / Soda wysokociśnieniowa i metalohalogen 70W dla **60-9376**

2 | ®





Sodio de alta presión y halogenuros metálicos.
High pressure sodium and metal halide.
Sodium haute pression et iodures métalliques.
Natriumdampf - Hochdrucklampen und Halogen - Metalldampflampen.
Sodio ad alta pressione e alogenuri metallici.
Sódio de alta pressão e iodetos metálicos.
Натриевые лампы высокого давления и металлогалогеновые лампы.
Soda wysokociśnieniowa i metalohalogen.

HEADS

60-9307-Z5-M3

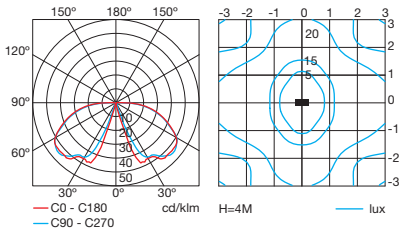
E-40 150W 230V

IP 65 | IK 08

BAG

TEC POLI | PC MAT DIF | 1 | ®

60-9307 + 71-9398



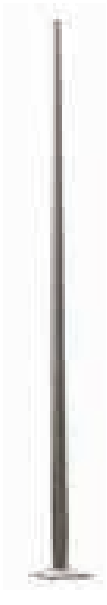
HEADS

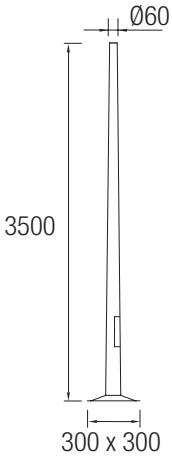


71-9398-05-05

Accesorio anticontaminación lumínica para / Anti light pollution accessory for / Accessoire antipollution lumineuse pour / Zubehöre gegen Lichtverschmutzung für / Accessorio anti-inquinamento luminico per / Acessório antipoluição luminosa para / Принадлежность против светового загрязнения для / Akcesorium przeciw zanieczyszczeniu świetlnemu dla / 60-9307

10 | ®





55-9305-48-48

Columna de 3,5m de altura./ 3.5m high column./ Mât de 3,5 m de haut./ Mast 3,5 m hoch./ Colonna di 3,5m di altezza./ Coluna de 3,5 m de altura./ Колонна высотой 3,5 м./ Słup o wysokości 3,5m.

AC FUND | 77 | 1



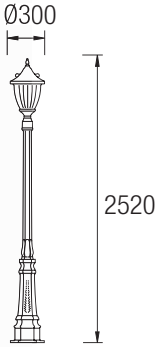
Kit de instalación incluido /
Installation kit included /
Kit d'installation compris /
Einbaukit inklusive / Kit installazione incluso /
Kit de instalação incluído /
Прилагается набор для установки/
Zestaw montażowy w komplecie

Sustitución de la lámpara sin herramientas.
The bulb can be changed without any tools.
Remplacement de la lampe sans outils.
Leuchtmittelersetzung ohne Werkzeuge.

Sostituzione della lampadina senza attrezzi.
Substituição de lâmpada sem ferramenta
Ручная замена лампочки.
Żarówka może być wymieniona bez użycia narzędzi







GALATEA

60-9151-18-E7

3 x E-14 max. 60W / max. L=120mm Ø35mm
Halogen - Fluorescent - LED

P. 593 P. 613 P. 683

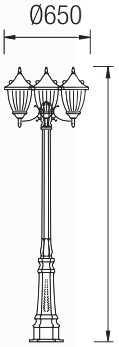
55-9151-18-18

Columna / Column/ Mât / Säule / Colonna / Coluna / Колонна / Słup

Para farola completa pedir códigos / For a complete lamp post, order both codes. / Pour le réverbère complet, demander les codes / Für eine komplette Mastleuchte bitte die folgenden Artikel - Nr. bestellen / Per il lampione completo ordinare i codici / Para poste de iluminação exterior completo pedir códigos / Для заказа фонаря целиком запрашивайте следующие артикулы / Dla pełnej latarni zamówić kody

60-9151-18-E7 + 55-9151-18-18





GALATEA

60-9152-18-E7

3 x E-27 max. 100W / max. L=167mm Ø=51mm
Halogen - Fluorescent - LED

P. 593 P. 613 P. 683

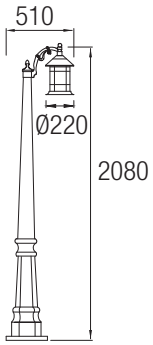
55-9151-18-18

Columna / Column/ Mât / Säule / Colonna / Coluna / Колонна / Słup

Para farola completa pedir códigos / For a complete lamp post, order both codes. / Pour le réverbère complet, demander les codes / Für eine komplette Mastleuchte bitte die folgenden Artikel - Nr. bestellen / Per il lampione completo ordinare i codici / Para poste de iluminação exterior completo pedir códigos / Для заказа фонаря целиком запрашивайте следующие артикулы / Dla pełnej latarni zamówić kody

60-9152-18-E7 + 55-9151-18-18





ANDREA

60-9785-18-AA

E-27 max. 100W / max. L=180mm
Halogen - Fluorescent - LED

IP 23

AL INJ | GLA BU DIF | IP+ | 4

P. 593 P. 613 P. 683

55-9151-18-18

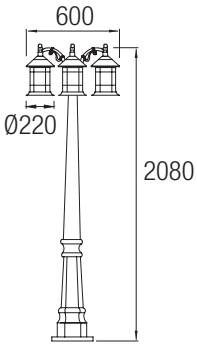
Columna / Column/ Mât / Säule / Colonna / Coluna / Колонна / Słup

42 | 1

Para farola completa pedir códigos / For a complete lamp post, order both codes. / Pour le réverbère complet, demander les codes / Für komplette Laterne Art.-Nr. bestellen / Per il lampione completo ordinare i codici / Para poste de iluminação exterior completo pedir códigos / Для заказа фонаря целиком запрашивайте следующие артикулы / Dla pełnej latarni zamówić kody

60-9785-18-AA + 55-9151-18-18





ANDREA

60-9786-18-AA

3 x E-27 max. 100W / max. L=180mm
Halogen - Fluorescent - LED

IP 23

AL INJ | GLA BU DIF | IP+ | 2

P. 593 P. 613 P. 683

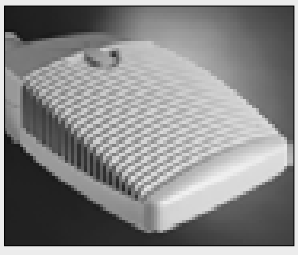
55-9151-18-18

Columna / Column/ Mât / Säule / Colonna / Coluna / Колонна / Słup

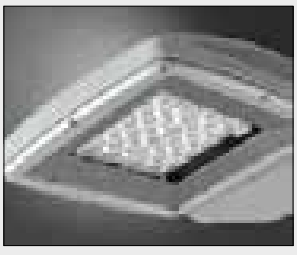
42 | 1

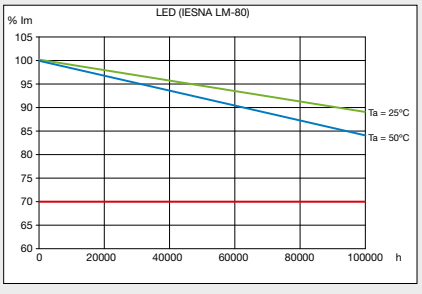
Para farola completa pedir códigos / For a complete lamp post, order both codes. / Pour le réverbère complet, demander les codes / Für komplette Laterne Art.-Nr. bestellen / Per il lampione completo ordinare i codici / Para poste de iluminação exterior completo pedir códigos / Для заказа фонаря целиком запрашивайте следующие артикулы / Dla pełnej latarni zamówić kody

60-9786-18-AA + 55-9151-18-18





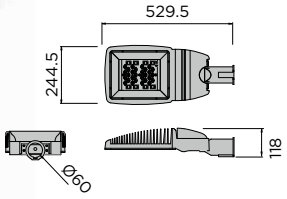



LED (IESNA LM-80)
% lm
105
100
95
90
85
80
75
70
65
60
0
20000
40000
60000
80000
100000
h
Ta = 25°C
Ta = 50°C

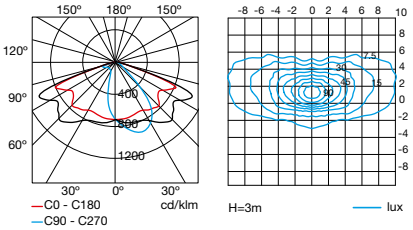
ESENCIAL

ASYMMETRICAL





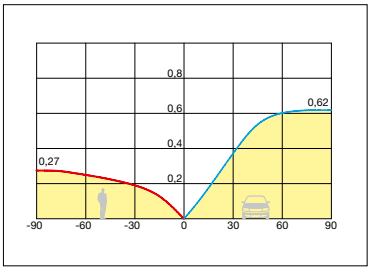
LED 56W
ULOR INST = 0,73%



IP 65 | IP 65 | IK 08 | HIGH | >50.000 h

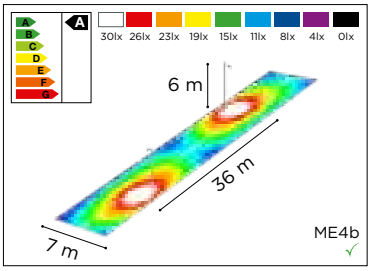
MEAN WELL

AT | AL INJ | GLA HARD DIF | Ø60 mm | N WHITE | 100-240V 50-60Hz | R



LED OSRAM Neutral white 4000K

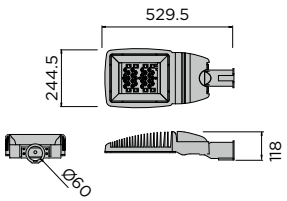
30W	16 LED	2.953 lm(N)		**80-4744-AT-37**
45W	20 LED	4.429 lm(N)		**80-4748-AT-37**
45W	20 LED	4.429 lm(N)	2N	**80-4750-AT-37**
45W	20 LED	4.429 lm(N)	2N TEMP	**80-4749-AT-37**
56W	24 LED	5.315 lm(N)		**80-4752-AT-37**
56W	24 LED	5.315 lm(N)	2N	**80-4754-AT-37**
56W	24 LED	5.315 lm(N)	2N TEMP	**80-4753-AT-37**



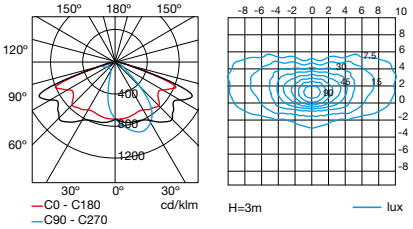
ESENCIAL SOLAR

ASYMMETRICAL NEW



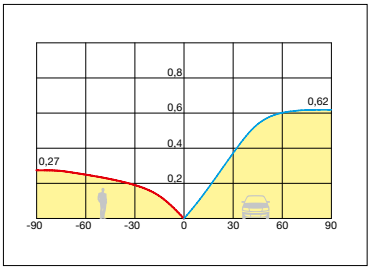


LED 45W
ULOR INST = 0,73%



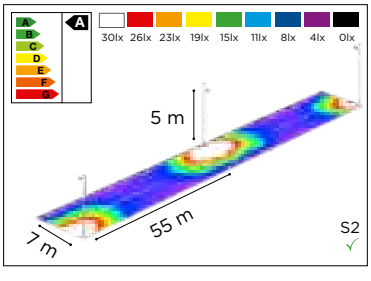
IP 65 | IP 65 | IK 08 | HIGH | >50.000 h

AT | AL INJ | GLA HARD DIF | Ø60 mm | N WHITE | 12V | R



LED OSRAM Neutral white 4000K

30W	20 LED	2.953 lm(N)	**80-2617-AT-37**
45W	20 LED	4.429 lm(N)	**80-2618-AT-37**

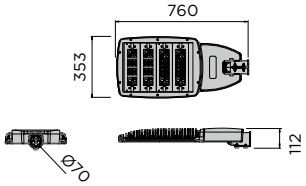




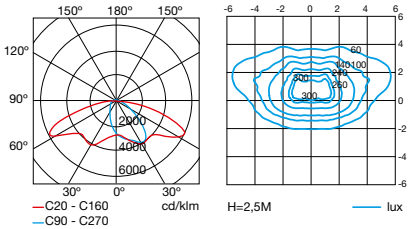
ESENCIAL HP

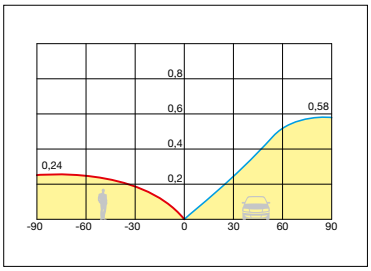
ASYMMETRICAL





LED 130W
ULOR INST = 0,73%

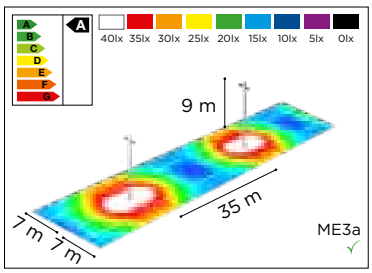




IP 65 | IP 66 | IK 08 | HIGH | >50.000 h

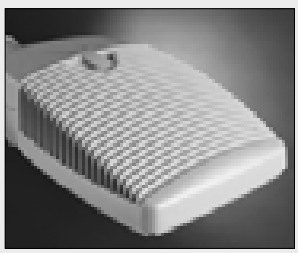
VOSSLOH

AT | AL INJ | GLA HARD DIF | Ø60 mm | Ø60 mm | 0°-15° | 1 | N WHITE | 50-60 Hz | R



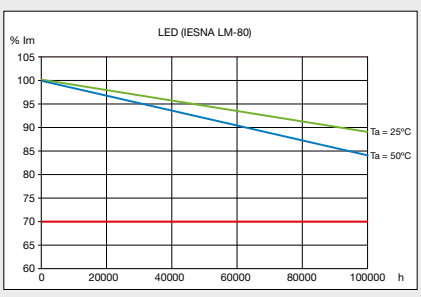
LED OSRAM Neutral white 4000K

80W	40 LED	8.485 lm(N)	220-240V CE	**80-1767-AT-37**	
80W	40 LED	8.485 lm(N)	120-277V UL	**80-3235-AT-37**	NEW
100W	48 LED	10.606 lm(N)	220-240V CE	**80-1769-AT-37**	
100W	48 LED	10.606 lm(N)	120-277V UL	**80-3236-AT-37**	NEW
130W	64 LED	13.787 lm(N)	220-240V CE	**80-1780-AT-37**	
130W	64 LED	13.787 lm(N)	120-277V UL	**80-3237-AT-37**	NEW





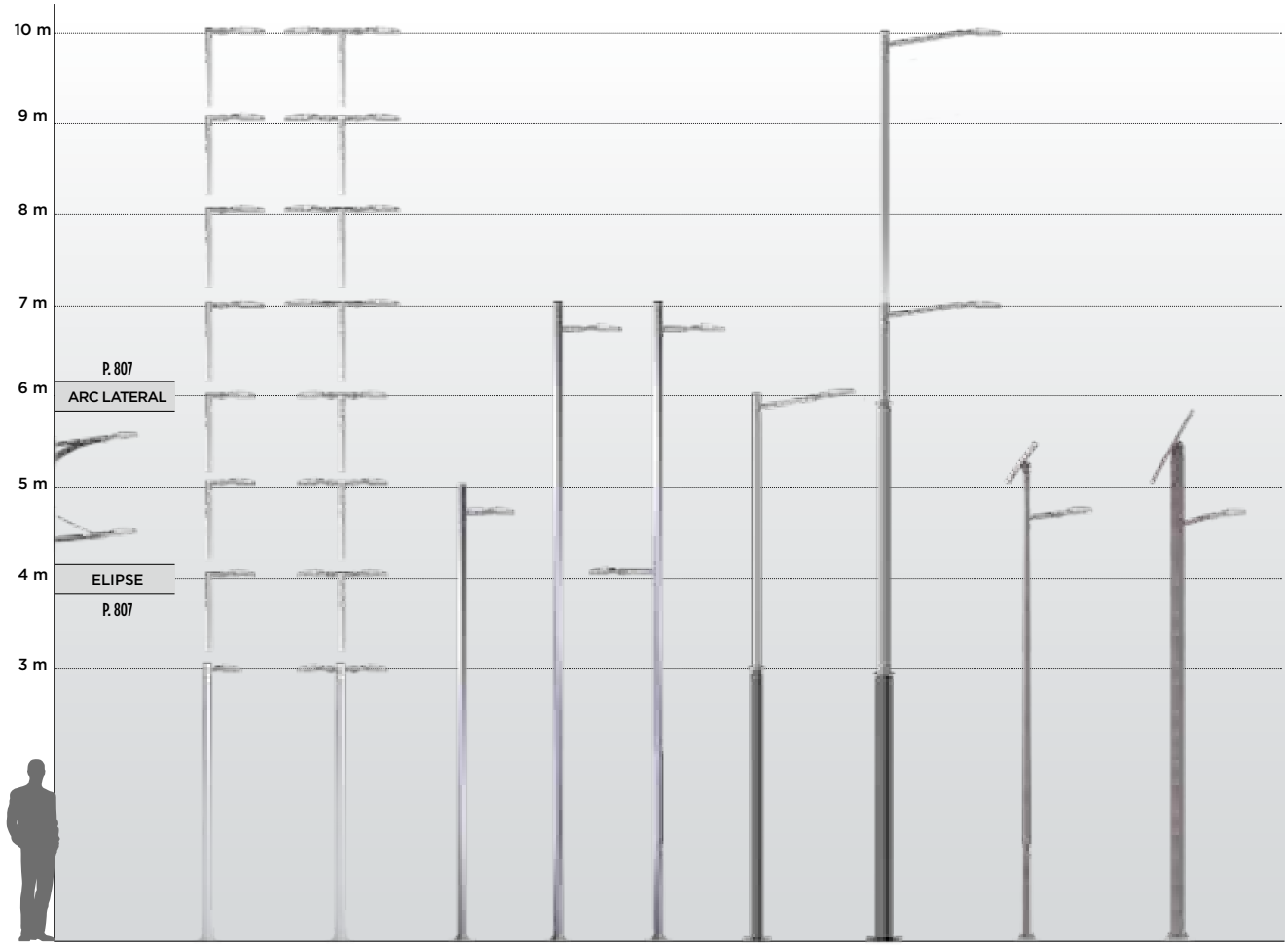






ESENCIAL HP

ESENCIAL



ESENCIAL HP

CONICAL	10m	81-4538-AV-AV	71-4541-48-48	71-4525-48-48	√	71-4555-AV-AV	71-4531-48-48	X
	9m	81-4537-AV-AV	71-4540-48-48	71-4525-48-48	√	71-4555-AV-AV	71-4531-48-48	X
	8m	81-4536-AV-AV	71-4540-48-48	71-4525-48-48	√	71-4555-AV-AV	71-4531-48-48	X
	7m	81-3149-AV-AV	71-4540-48-48	71-4525-48-48	√	71-4555-AV-AV	71-4531-48-48	X
CYLINDRICAL	7+ 4 m	81-3133-AU-AU	71-4522-48-48	71-4525-48-48	√	X	71-3128-48-48	X
	7m	81-3132-AU-AU	71-4522-48-48	71-4525-48-48	√	X	71-3128-48-48	X
SQUADRA	9m	81-4533-BP-AV	71-4540-48-48	71-4525-48-48	√	X	71-4531-48-48	X
	7m	81-4532-BP-AV	71-4540-48-48	71-4525-48-48	√	X	71-4531-48-48	X
ARC LATERAL	ARM	82-3030-BQ-BQ						
ELIPSE	ARM	82-3029-BQ-BQ						

ESENCIAL

CONICAL	6m	81-4535-AV-AV	71-4539-48-48	71-4524-48-48	71-4554-AV-AV	71-4555-AV-AV	71-4531-48-48	X
	5m	81-4534-AV-AV	71-4539-48-48	71-4524-48-48	71-4554-AV-AV	71-4555-AV-AV	71-4531-48-48	X
	4m	81-3151-AV-AV	71-4520-48-48	71-4524-48-48	71-4554-AV-AV	71-4555-AV-AV	71-4531-48-48	X
CYLINDRICAL	5m	81-3128-AU-AU	71-4539-48-48	71-4524-48-48	√	X	71-3128-48-48	X
SQUADRA	6m	81-4531-BP-AV	71-4539-48-48	71-4524-48-48	√	X	71-4531-48-48	X
SOLAR-ECO LATERAL	5m	81-3257-AV-AV	71-4539-48-48	71-4524-48-48	√	X	71-4531-48-48	P. 798
SOLAR-TECH LATERAL	5m	81-4768-AV-AV	71-4521-48-48	71-4521-48-48	√	X	71-4531-48-48	P. 799
ARC LATERAL	ARM	82-3030-BQ-BQ						
ELIPSE	ARM	82-3029-BQ-BQ						

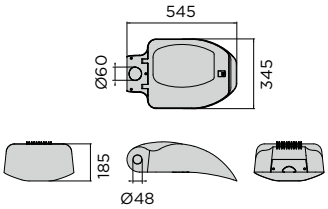


GAVINA LED

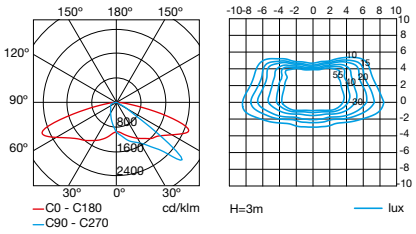
ASYMMETRICAL

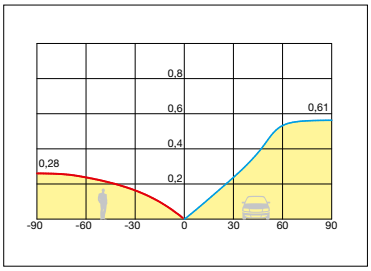
NEW

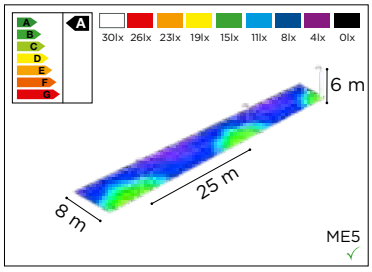




LED 65W
ULOR INST = 0,01%







IP 65 | IP 66 | IK 08 | HIGH | >50.000 h

MEAN WELL

BS | AL INJ | GLA HARD DIF | Ø60 mm | Ø48 mm | N WHITE | 100-240V 50-60Hz

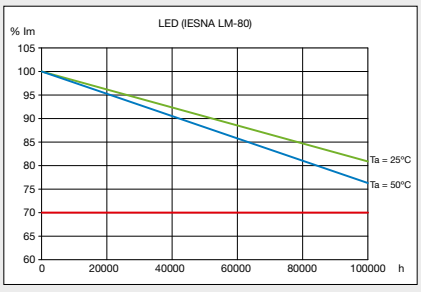
LED OSRAM Neutral white 4000K

65W	28 LED	6.117 lm(N)	**80-3238-BS-37**







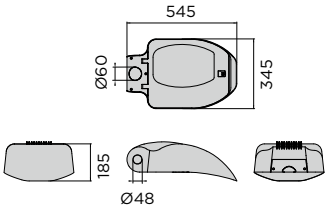




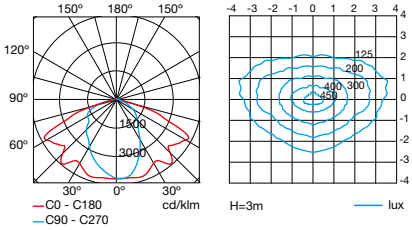
GAVINA HID

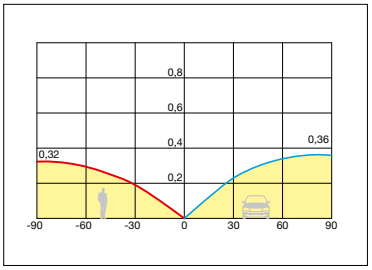
ASYMMETRICAL

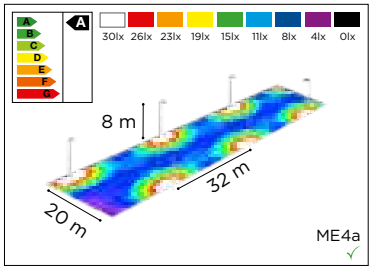




HPS 150W
ULOR INST = 0,01%







IP 65 | IP 66 | IK 08 | 3 YEARS GUARANTEE

VOSSLOH ELT

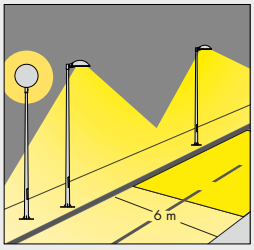
BS | AL INJ | GLA HARD DIF | Ø60 mm | Ø48 mm | 1 | + 1 | 230V 50Hz | CUT-OFF | ®

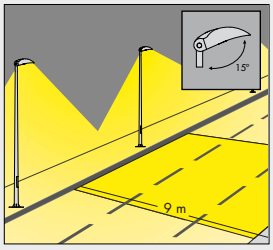
E-27			
70W	HPS - MH		**80-3044-BS-37**
70W	HPS	2N	**80-3047-BS-37**
70W	HPS	2N TEMP	**80-3054-BS-37**
70W	HPS - MH		**80-3057-BS-37**
E-40			
100W	HPS - MH		**80-3045-BS-37**
100W	HPS	2N	**80-3048-BS-37**
100W	HPS	2N TEMP	**80-3055-BS-37**
100W	HPS - MH		**80-3058-BS-37**
150W	HPS - MH		**80-3046-BS-37**
150W	HPS	2N	**80-3049-BS-37**
150W	HPS	2N TEMP	**80-3056-BS-37**
150W	HPS - MH		**80-3059-BS-37**
G-12			
70W	MH		**80-4829-BS-37**
70W	MH		**80-4830-BS-37**
100W	MH		**80-4831-BS-37**
100W	MH		**80-4832-BS-37**
150W	MH		**80-4833-BS-37**
150W	MH		**80-4834-BS-37**



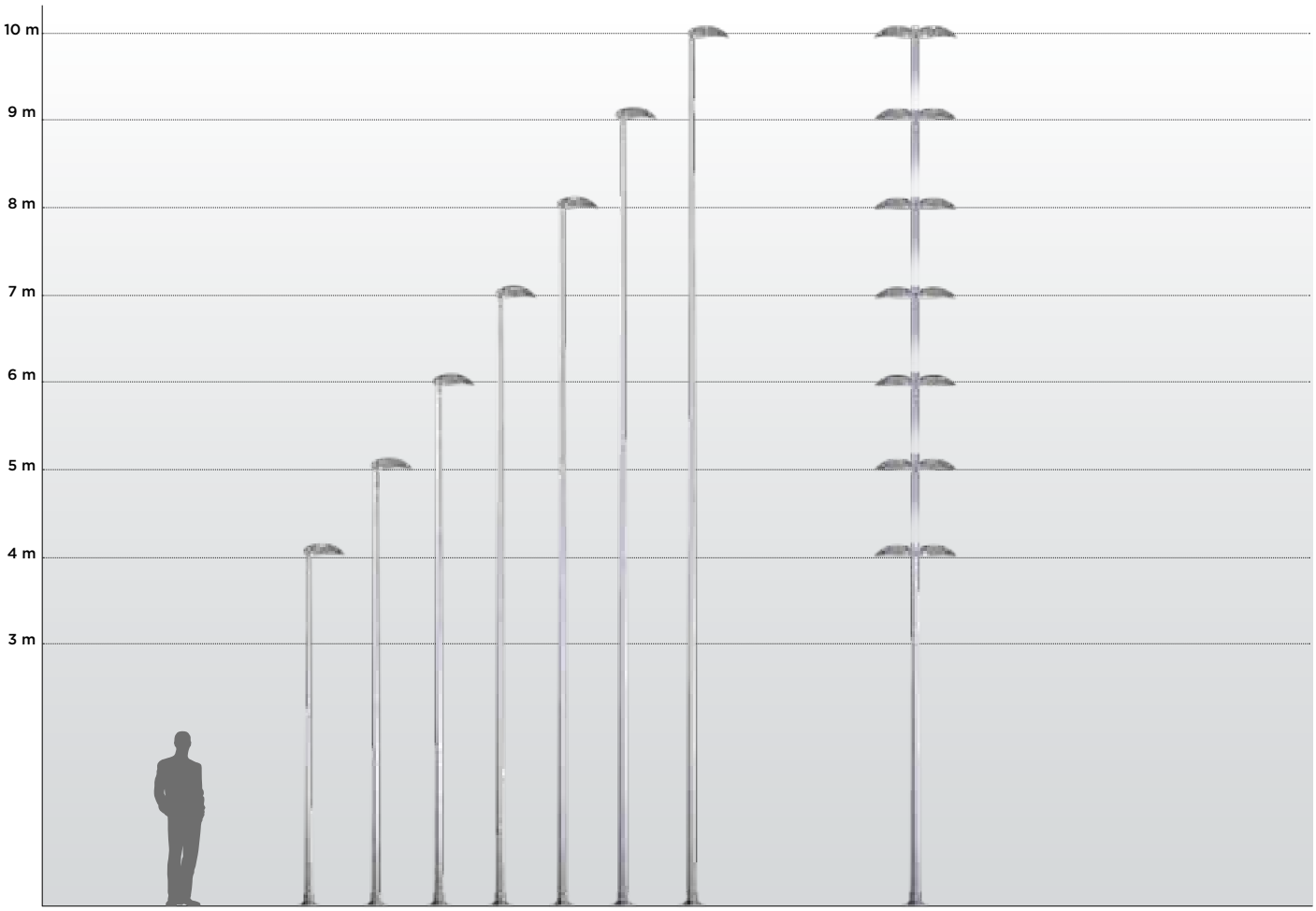












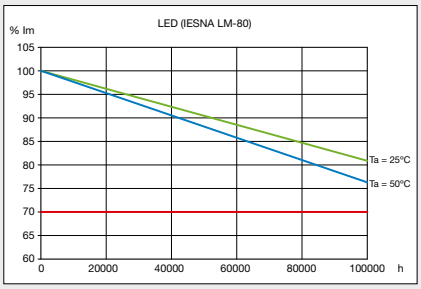
CONICAL

P. 801

CONICAL	10m	81-4538-AV-AV	71-4541-48-48	71-4525-48-48	✓	71-3044-AV-AV	71-4531-48-48
	9m	81-4537-AV-AV	71-4540-48-48	71-4525-48-48	✓	71-3044-AV-AV	71-4531-48-48
	8m	81-4536-AV-AV	71-4540-48-48	71-4525-48-48	✓	71-3044-AV-AV	71-4531-48-48
	7m	81-3149-AV-AV	71-4540-48-48	71-4525-48-48	✓	71-3044-AV-AV	71-4531-48-48
	6m	81-4535-AV-AV	71-4539-48-48	71-4524-48-48	✓	71-3044-AV-AV	71-4531-48-48
	5m	81-4534-AV-AV	71-4539-48-48	71-4524-48-48	✓	71-3044-AV-AV	71-4531-48-48
	4m	81-3151-AV-AV	71-4520-48-48	71-4524-48-48	✓	71-3044-AV-AV	71-4531-48-48

L’ ESTANY, BARCELONA, SPAIN

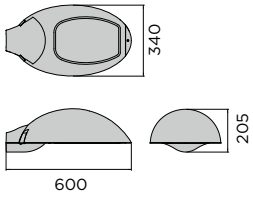




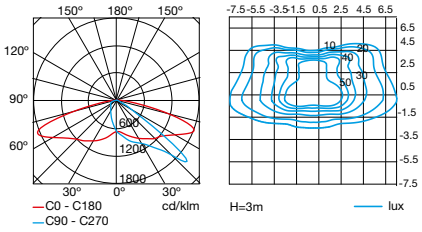
ELIPSE LED

ASYMMETRICAL





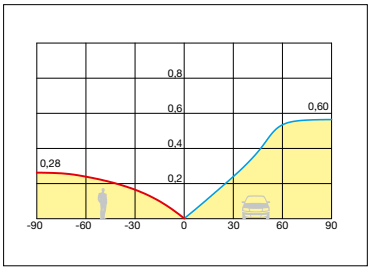
LED 45W
ULOR INST = 0,77%



IP 65 | IP 66 | IK 08 | HIGH | >50.000 h

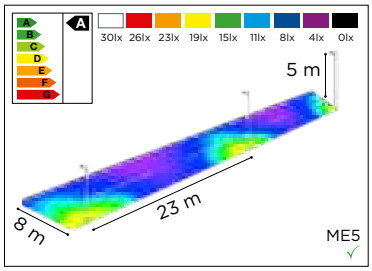
MEAN WELL

BQ | AL INJ | GLA HARD DIF | Ø60 mm | Ø60 mm | N WHITE | 100-240V 50-60Hz



LED OSRAM Neutral white 4000K

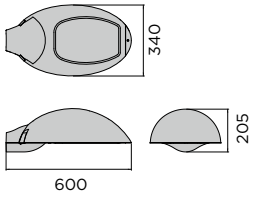
30W	16 LED	2.896 lm(N)		**80-4610-BQ-37**
45W	20 LED	4.345 lm(N)		**80-4614-BQ-37**
45W	20 LED	4.345 lm(N)	2N	**80-4616-BQ-37**
45W	20 LED	4.345 lm(N)	2N TEMP	**80-4615-BQ-37**
65W	28 LED	6.117 lm(N)		**80-2696-BQ-37** NEW



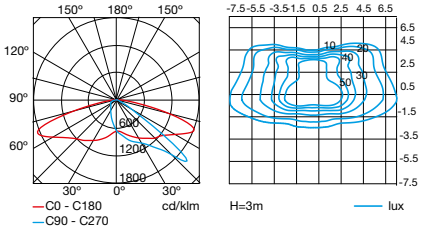
ELIPSE SOLAR

ASYMMETRICAL



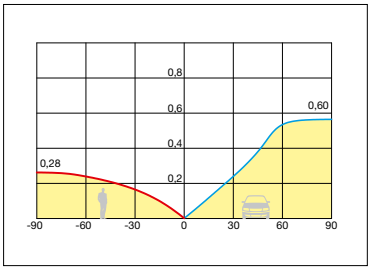


LED 45W
ULOR INST = 0,77%



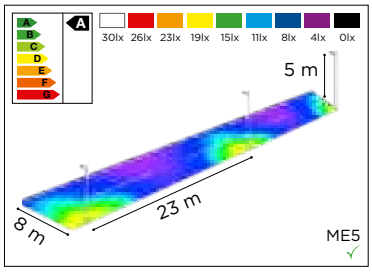
IP 65 | IP 66 | IK 08 | HIGH | >50.000 h

BQ | AL INJ | GLA HARD DIF | Ø60 mm | N WHITE | 12V



LED OSRAM Neutral white 4000K

30W	20 LED	2.896 lm(N)	**80-2467-BQ-37**
45W	20 LED	4.345 lm(N)	**80-4768-BQ-37**
65W	28 LED	6.117 lm(N)	**80-3274-BQ-37** NEW

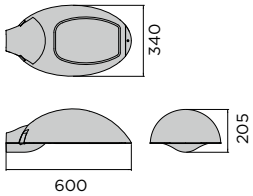




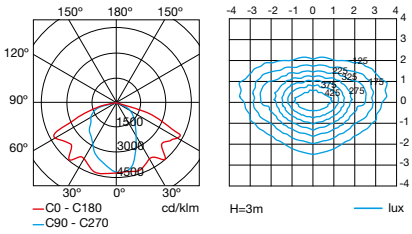
ELIPSE HID

ASYMMETRICAL





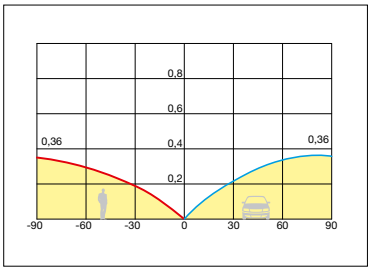
HPS 70W
ULOR INST = 0,15%

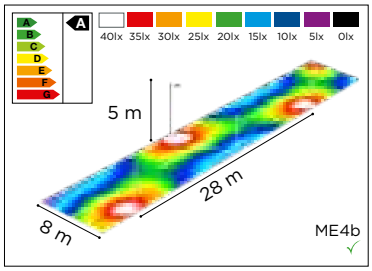


IP 65 | IP 66 | IK 08

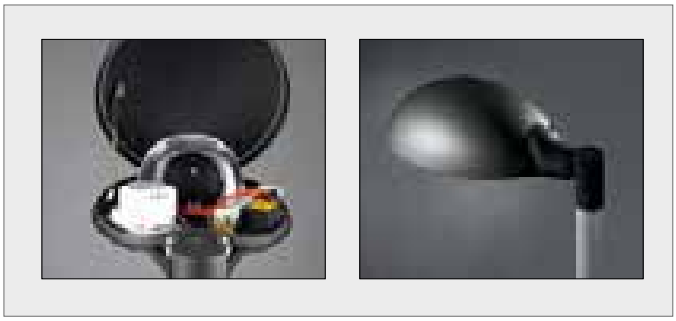
VOSSLOH ELT

BQ | AL INJ | GLA HARD DIF | Ø60 mm | Ø60 mm | 1 + 1 | 230V 50Hz | CUT-OFF | ®



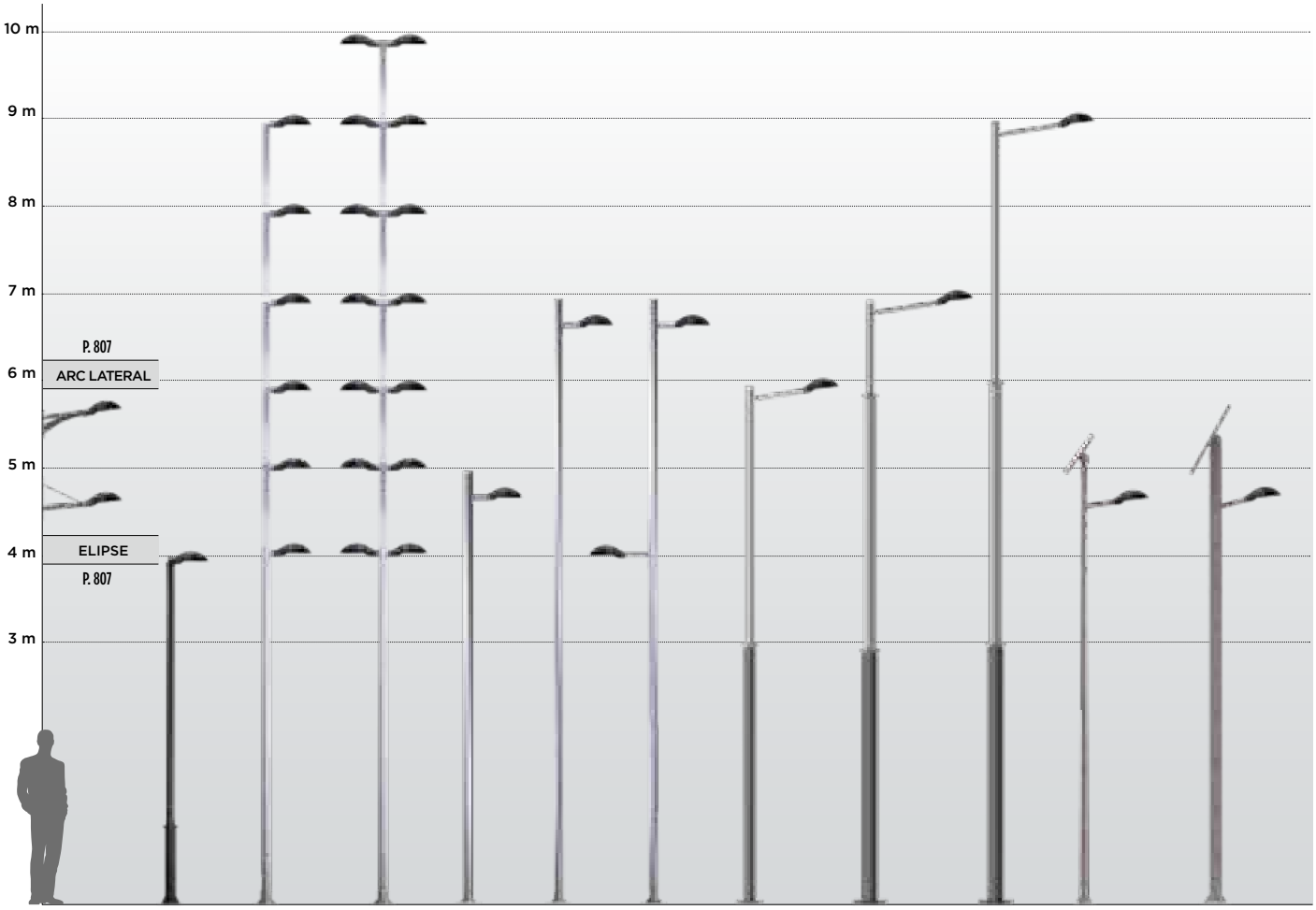


E-27			
35W	MH		**80-3065-BQ-37**
35W	MH		**80-3066-BQ-37**
70W	HPS - MH		**80-3029-BQ-37**
70W	HPS	2N	**80-3032-BQ-37**
70W	HPS	2N TEMP	**80-3039-BQ-37**
70W	HPS - MH		**80-3182-BQ-37**
70W	HPS	2N	**80-3067-BQ-37**
70W	HPS	2N TEMP	**80-3070-BQ-37**
E-40			
100W	HPS - MH		**80-3030-BQ-37**
100W	HPS	2N	**80-3033-BQ-37**
100W	HPS	2N TEMP	**80-3040-BQ-37**
100W	HPS - MH		**80-3183-BQ-37**
150W	HPS - MH		**80-3031-BQ-37**
150W	HPS	2N	**80-3034-BQ-37**
150W	HPS	2N TEMP	**80-3041-BQ-37**
G-12			
70W	MH		**80-4774-BQ-37**
70W	MH		**80-4775-BQ-37**
100W	MH		**80-4776-BQ-37**
100W	MH		**80-4777-BQ-37**
150W	MH		**80-4778-BQ-37**
PGZ-12			
45W	COSMOWHITE PHILIPS		**80-3062-BQ-37**
60W	COSMOWHITE PHILIPS		**80-3063-BQ-37**
90W	COSMOWHITE PHILIPS		**80-3064-BQ-37**





L' ESTANY, BARCELONA, SPAIN



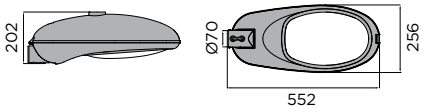
NIKOLSON	4m	81-3145-BP-BP	71-4520-48-48	71-4524-48-48	√	71-4555-AV-AV	71-3128-48-48	X
CONICAL	10m	81-4538-AV-AV	71-4541-48-48	71-4525-48-48	√	71-4555-AV-AV	71-4531-48-48	X
	9m	81-4537-AV-AV	71-4540-48-48	71-4525-48-48	√	71-4555-AV-AV	71-4531-48-48	X
	8m	81-4536-AV-AV	71-4540-48-48	71-4525-48-48	√	71-4555-AV-AV	71-4531-48-48	X
	7m	81-3149-AV-AV	71-4540-48-48	71-4525-48-48	√	71-4555-AV-AV	71-4531-48-48	X
	6m	81-4535-AV-AV	71-4539-48-48	71-4524-48-48	√	71-4555-AV-AV	71-4531-48-48	X
	5m	81-4534-AV-AV	71-4539-48-48	71-4524-48-48	√	71-4555-AV-AV	71-4531-48-48	X
	4m	81-3151-AV-AV	71-4520-48-48	71-4524-48-48	√	71-4555-AV-AV	71-4531-48-48	X
CYLINDRICAL	7+ 4 m	81-3133-AU-AU	71-4522-48-48	71-4525-48-48	√	X	71-3128-48-48	X
	7m	81-3132-AU-AU	71-4522-48-48	71-4525-48-48	√	X	71-3128-48-48	X
	5m	81-3128-AU-AU	71-4539-48-48	71-4524-48-48	√	X	71-3128-48-48	X
SQUADRA	9m	81-4533-BP-AV	71-4540-48-48	71-4525-48-48	√	X	71-4531-48-48	X
	7m	81-4532-BP-AV	71-4540-48-48	71-4525-48-48	√	X	71-4531-48-48	X
	6m	81-4531-BP-AV	71-4539-48-48	71-4524-48-48	√	X	71-4531-48-48	X
SOLAR-ECO LATERAL	5m	81-3257-AV-AV	71-4539-48-48	71-4524-48-48	√	X	71-4531-48-48	P. 798
SOLAR-TECH LATERAL	5m	81-4768-AV-AV	71-4521-48-48	71-4525-48-48	√	X	71-4531-48-48	P. 799
ARC LATERAL	ARM	82-3030-BQ-BQ						
ELIPSE	ARM	82-3029-BQ-BQ						



MINI ROADWAY HID

ASYMMETRICAL



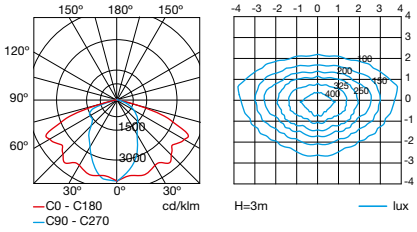


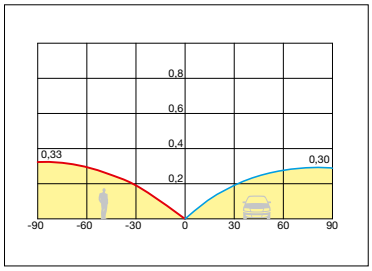
IP 65 | IP 66 | IK 08 | 3 YEARS WARRANTY

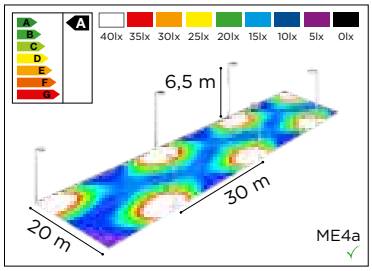
VOSSLOH

AT | AL INJ | GLA HARD DIF | Ø60 mm | Ø60 mm | 0°-15° | 1 + 1 | 230V 50Hz | CUT-OFF

HPS 150W
ULOR INST = 0,00%







E-27			
50W	HPS		**80-2438-AT-37**
50W	HPS	2N	**80-2442-AT-37**
50W	HPS	2N TEMP	**80-2446-AT-37**
70W	HPS - MH		**80-2439-AT-37**
70W	HPS	2N	**80-2443-AT-37**
70W	HPS	2N TEMP	**80-2447-AT-37**
E-40			
100W	HPS - MH		**80-2440-AT-37**
100W	HPS	2N	**80-2444-AT-37**
100W	HPS	2N TEMP	**80-2448-AT-37**
150W	HPS - MH		**80-2441-AT-37**
150W	HPS	2N	**80-2445-AT-37**
150W	HPS	2N TEMP	**80-2449-AT-37**



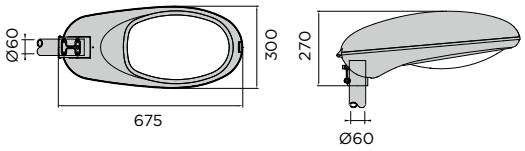




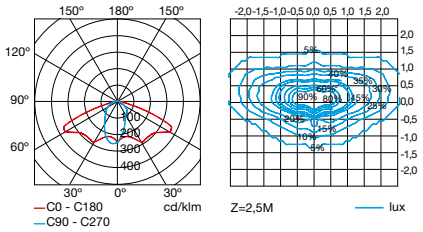
ROADWAY HID

ASYMMETRICAL



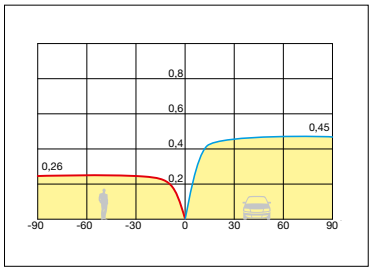


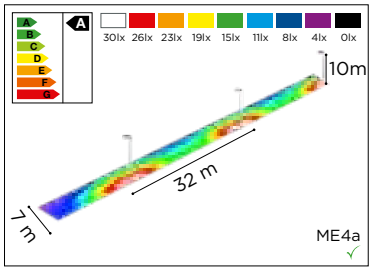
HPS 150W
ULOR INST = 0,00%



IP 64 | IP 66 | IK 08 | 3 YEARS WARRANTY EXTENSION | VOSSLOH ELT

AT | AL INJ | GLA HARD DIF | Ø60 mm | Ø60 mm | 0°-15° | 1 | + | 1 | 230V 50Hz | CUT-OFF





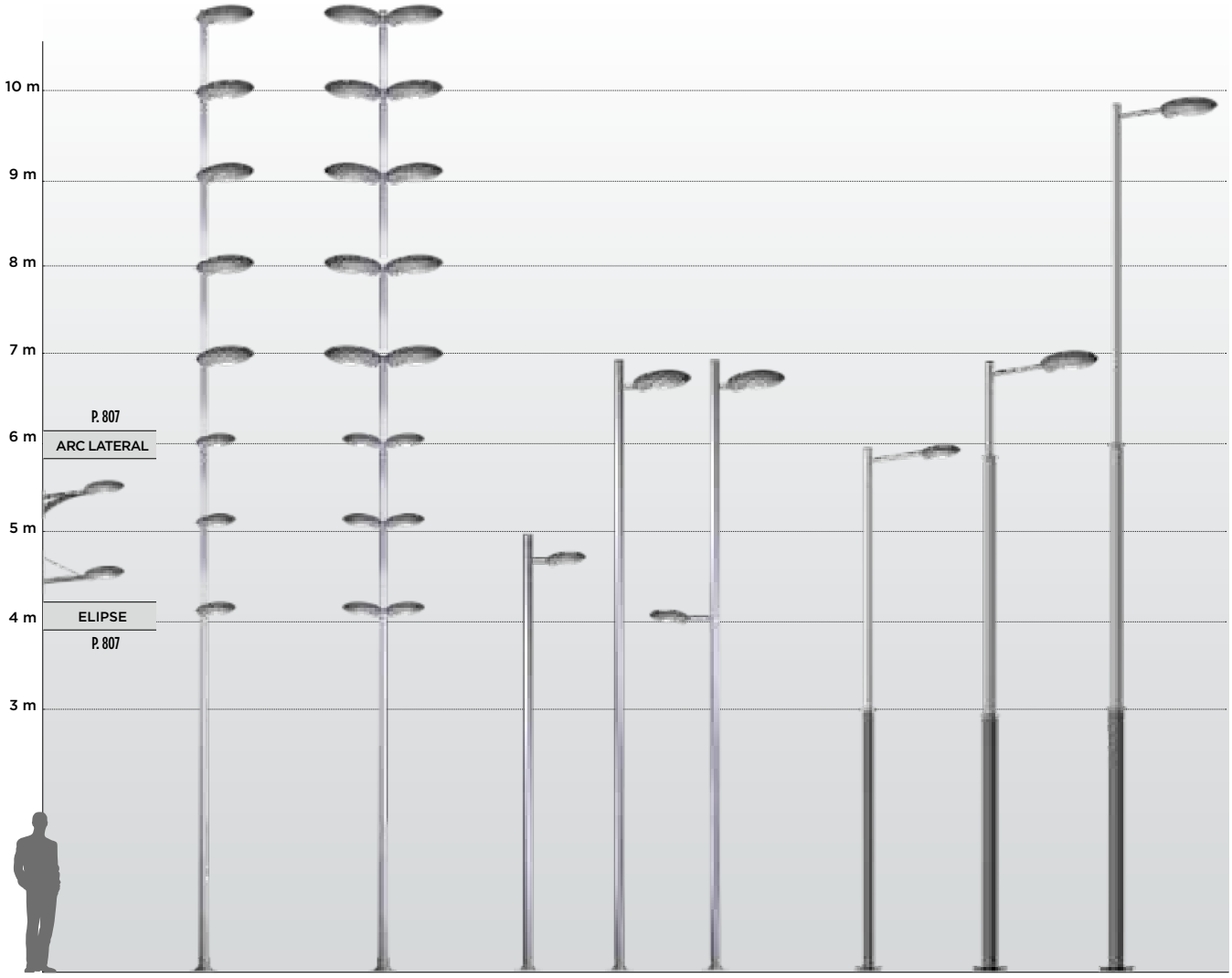
E-27				
70W	HPS - MH			**80-3071-AT-37**
70W	HPS	2N		**80-3074-AT-37**
70W	HPS	2N TEMP		**80-3083-AT-37**
70W	HPS - MH			**80-3087-AT-37**
70W	HPS	2N		**80-3091-AT-37**
70W	HPS	2N TEMP		**80-3095-AT-37**
E-40				
WITHOUT GEAR				**80-4771-AT-37**
100W	HPS - MH			**80-3072-AT-37**
100W	HPS	2N		**80-3075-AT-37**
100W	HPS	2N TEMP		**80-3084-AT-37**
100W	HPS - MH			**80-3088-AT-37**
100W	HPS	2N		**80-3092-AT-37**
100W	HPS	2N TEMP		**80-3096-AT-37**
150W	HPS - MH			**80-3073-AT-37**
150W	HPS	2N		**80-3076-AT-37**
150W	HPS	2N TEMP		**80-3085-AT-37**
150W	HPS - MH			**80-3089-AT-37**
150W	HPS	2N		**80-3093-AT-37**
150W	HPS	2N TEMP		**80-3097-AT-37**
250W	HPS - MH			**80-3081-AT-37**
250W	HPS	2N		**80-3082-AT-37**
250W	HPS	2N TEMP		**80-3086-AT-37**
250W	HPS - MH			**80-3090-AT-37**
250W	HPS	2N		**80-3094-AT-37**
250W	HPS	2N TEMP		**80-3098-AT-37**
400W	HPS - MH			**80-2674-AT-37** NEW
400W	HPS	2N		**80-3252-AT-37** NEW
400W	HPS	2N TEMP		**80-3253-AT-37** NEW
G-12				
70W	MH			**80-4838-AT-37**
70W	MH			**80-4839-AT-37**
100W	MH			**80-4840-AT-37**
100W	MH			**80-4841-AT-37**
150W	MH			**80-4842-AT-37**
150W	MH			**80-4843-AT-37**
PGZ-12				
45W	COSMOWHITE	PHILIPS	230V 50-60Hz	**80-4598-AT-37**
60W	COSMOWHITE	PHILIPS	230V 50-60Hz	**80-4599-AT-37**
90W	COSMOWHITE	PHILIPS	230V 50-60Hz	**80-4600-AT-37**
140W	COSMOWHITE	PHILIPS	230V 50-60Hz	**80-4601-AT-37**





ROADWAY

MINI ROADWAY



ROADWAY

CONICAL	10m	81-4538-AV-AV	71-4541-48-48	71-4525-48-48	√	71-4555-AV-AV	71-4531-48-48
	9m	81-4537-AV-AV	71-4540-48-48	71-4525-48-48	√	71-4555-AV-AV	71-4531-48-48
	8m	81-4536-AV-AV	71-4540-48-48	71-4525-48-48	√	71-4555-AV-AV	71-4531-48-48
	7m	81-3149-AV-AV	71-4540-48-48	71-4525-48-48	√	71-4555-AV-AV	71-4531-48-48
CYLINDRICAL	7+ 4 m	81-3133-AU-AU	71-4522-48-48	71-4525-48-48	√	X	71-3128-48-48
	7m	81-3132-AU-AU	71-4522-48-48	71-4525-48-48	√	X	71-3128-48-48
SQUADRA	9m	81-4533-BP-AV	71-4540-48-48	71-4525-48-48	√	X	71-4531-48-48
	7m	81-4532-BP-AV	71-4540-48-48	71-4525-48-48	√	X	71-4531-48-48
ARC LATERAL	ARM	82-3030-BQ-BQ					
ELIPSE	ARM	82-3029-BQ-BQ					

MINI ROADWAY

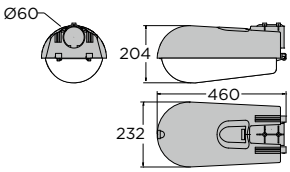
CONICAL	6m	81-4535-AV-AV	71-4539-48-48	71-4524-48-48	71-4554-AV-AV	71-4555-AV-AV	71-4531-48-48
	5m	81-4534-AV-AV	71-4539-48-48	71-4524-48-48	71-4554-AV-AV	71-4555-AV-AV	71-4531-48-48
	4m	81-3151-AV-AV	71-4520-48-48	71-4524-48-48	71-4554-AV-AV	71-4555-AV-AV	71-4531-48-48
CYLINDRICAL	5m	81-3128-AU-AU	71-4539-48-48	71-4524-48-48	√	X	71-3128-48-48
SQUADRA	6m	81-4531-BP-AV	71-4539-48-48	71-4524-48-48	√	X	71-4531-48-48
ARC LATERAL	ARM	82-3030-BQ-BQ					
ELIPSE	ARM	82-3029-BQ-BQ					



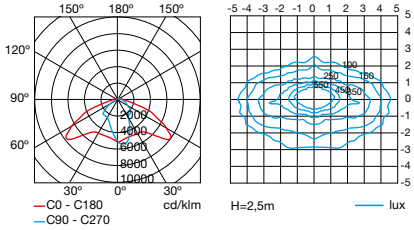
ECOVIAL HID

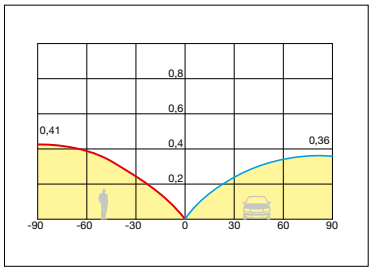
ASYMMETRICAL

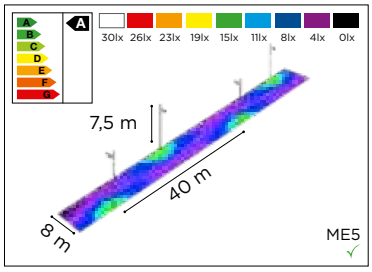




HPS 70W
ULOR INST = 1,64%







IP 65 | IP 65 | IK 10 | 3 YEARS GUARANTEE

VOSSLOH

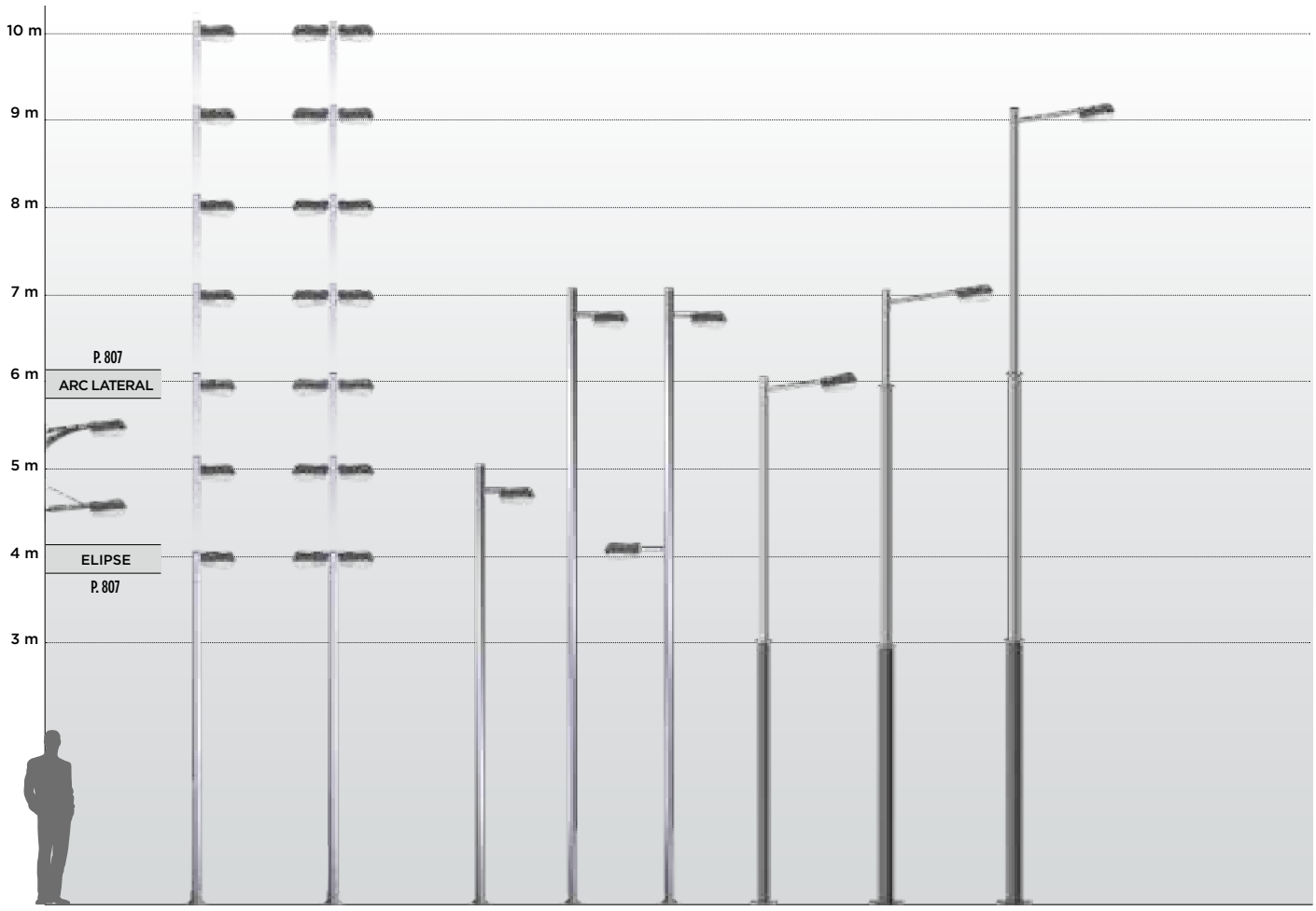
BQ | AL INJ | PC TRAN DIF | Ø60 mm | 1 | + 1 | 230V 50Hz | CUT-OFF | R

E-27			
35W	MH		**80-4573-BQ-M2**
70W	HPS - MH		**80-4574-BQ-M2**
E-40			
100W	HPS - MH		**80-4575-BQ-M2**
150W	HPS - MH		**80-4576-BQ-M2**
G-12			
70W	MH		**80-4835-BQ-M2**
100W	MH		**80-4836-BQ-M2**
150W	MH		**80-4837-BQ-M2**
PGZ-12			
45W	COSMOWHITE	PHILIPS 230V 50-60Hz	**80-4577-BQ-M2**
60W	COSMOWHITE	PHILIPS 230V 50-60Hz	**80-4578-BQ-M2**
90W	COSMOWHITE	PHILIPS 230V 50-60Hz	**80-4579-BQ-M2**

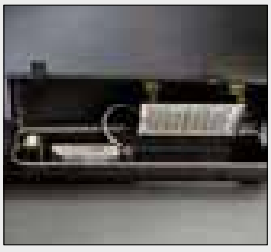




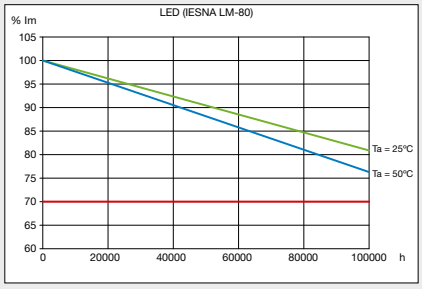


CONICAL	10m	81-4538-AV-AV	71-4541-48-48	71-4525-48-48	71-4554-AV-AV	71-4555-AV-AV	71-4531-48-48
	9m	81-4537-AV-AV	71-4540-48-48	71-4525-48-48	71-4554-AV-AV	71-4555-AV-AV	71-4531-48-48
	8m	81-4536-AV-AV	71-4540-48-48	71-4525-48-48	71-4554-AV-AV	71-4555-AV-AV	71-4531-48-48
	7m	81-3149-AV-AV	71-4540-48-48	71-4525-48-48	71-4554-AV-AV	71-4555-AV-AV	71-4531-48-48
	6m	81-4535-AV-AV	71-4539-48-48	71-4524-48-48	71-4554-AV-AV	71-4555-AV-AV	71-4531-48-48
	5m	81-4534-AV-AV	71-4539-48-48	71-4524-48-48	71-4554-AV-AV	71-4555-AV-AV	71-4531-48-48
	4m	81-3151-AV-AV	71-4520-48-48	71-4524-48-48	71-4554-AV-AV	71-4555-AV-AV	71-4531-48-48
CYLINDRICAL	7+ 4 m	81-3133-AU-AU	71-4522-48-48	71-4525-48-48	√	X	71-3128-48-48
	7m	81-3132-AU-AU	71-4522-48-48	71-4525-48-48	√	X	71-3128-48-48
	5m	81-3128-AU-AU	71-4539-48-48	71-4524-48-48	√	X	71-3128-48-48
SQUADRA	9m	81-4533-BP-AV	71-4540-48-48	71-4525-48-48	√	X	71-4531-48-48
	7m	81-4532-BP-AV	71-4540-48-48	71-4525-48-48	√	X	71-4531-48-48
	6m	81-4531-BP-AV	71-4539-48-48	71-4524-48-48	√	X	71-4531-48-48
ARC LATERAL	ARM	82-3030-BQ-BQ					
ELIPSE	ARM	82-3029-BQ-BQ					



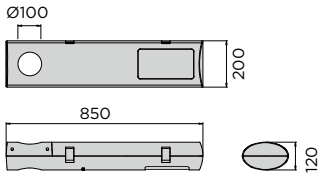



LED (IESNA LM-80)
% lm
105
100
95
90
85
80
75
70
65
60
0
20000
40000
60000
80000
100000
h
Ta = 25ºC
Ta = 50ºC

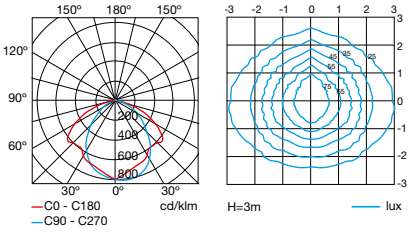
PROMENADE FLUO

ASYMMETRICAL





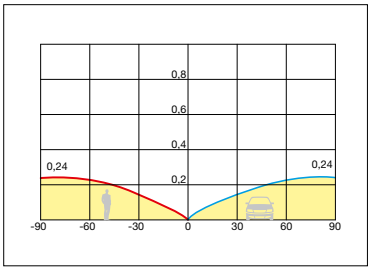
FLUO 57W
ULOR INST = 0,00%



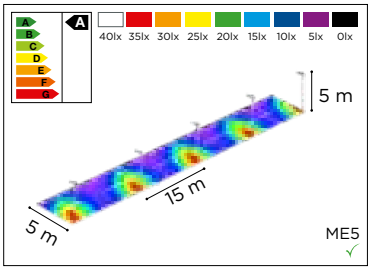
IP 66 | IP 66 | IK 08 | 3 YEARS WARRANTY

VOSSLOH

BQ | AL INJ | GLA HARD DIF | Ø100 mm | 1 | 220-240V 50-60Hz | R



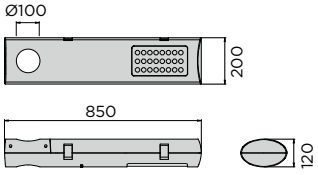
Gx24 q-5			
57W	FLUORESCENT		**80-3023-BQ-37**



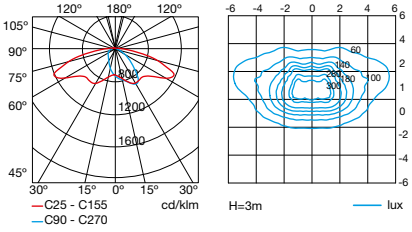
PROMENADE LED

ASYMMETRICAL





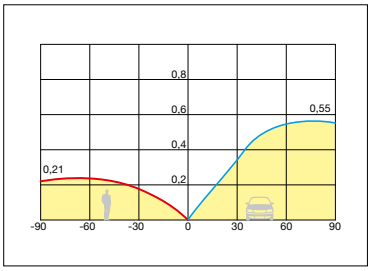
LED 45W
ULOR INST = 0,00%



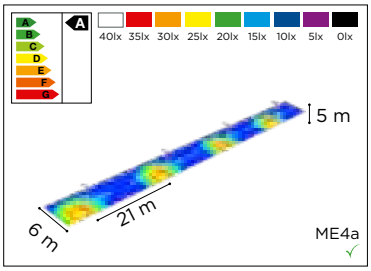
IP 66 | IP 66 | IK 08 | HIGH | >50.000 h | 3 YEARS WARRANTY

MEAN WELL

BQ | AL INJ | GLA HARD DIF | Ø100 mm | 1 | N WHITE | 100-240V 50-60Hz | R



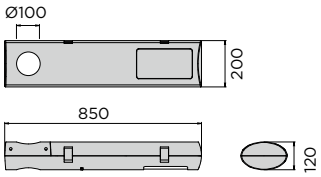
LED OSRAM Neutral white 4000K					
30W	16 LED	3.041 lm(N)		**80-4618-BQ-37**	
45W	20 LED	4.561 lm(N)		**80-4622-BQ-37**	
45W	20 LED	4.561 lm(N)	2N	**80-4624-BQ-37**	
45W	20 LED	4.561 lm(N)	2N TEMP	**80-4623-BQ-37**	
56W	24 LED	5.676 lm(N)		**80-2693-BQ-37**	NEW
56W	24 LED	5.676 lm(N)	2N	**80-2695-BQ-37**	NEW
56W	24 LED	5.676 lm(N)	2N TEMP	**80-2694-BQ-37**	NEW



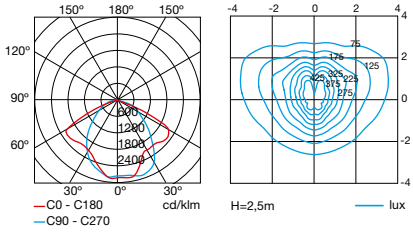
PROMENADE HID

ASYMMETRICAL





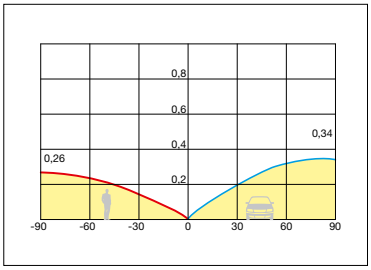
HPS 70W
ULOR INST = 0,58%

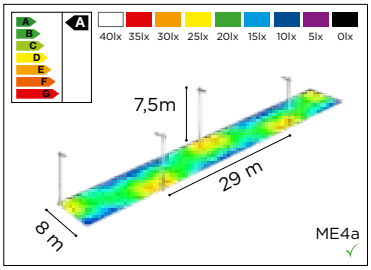


IP 66 | IP 66 | IK 08 | WARRANTY 3 EXTENSION

VOSSLOH

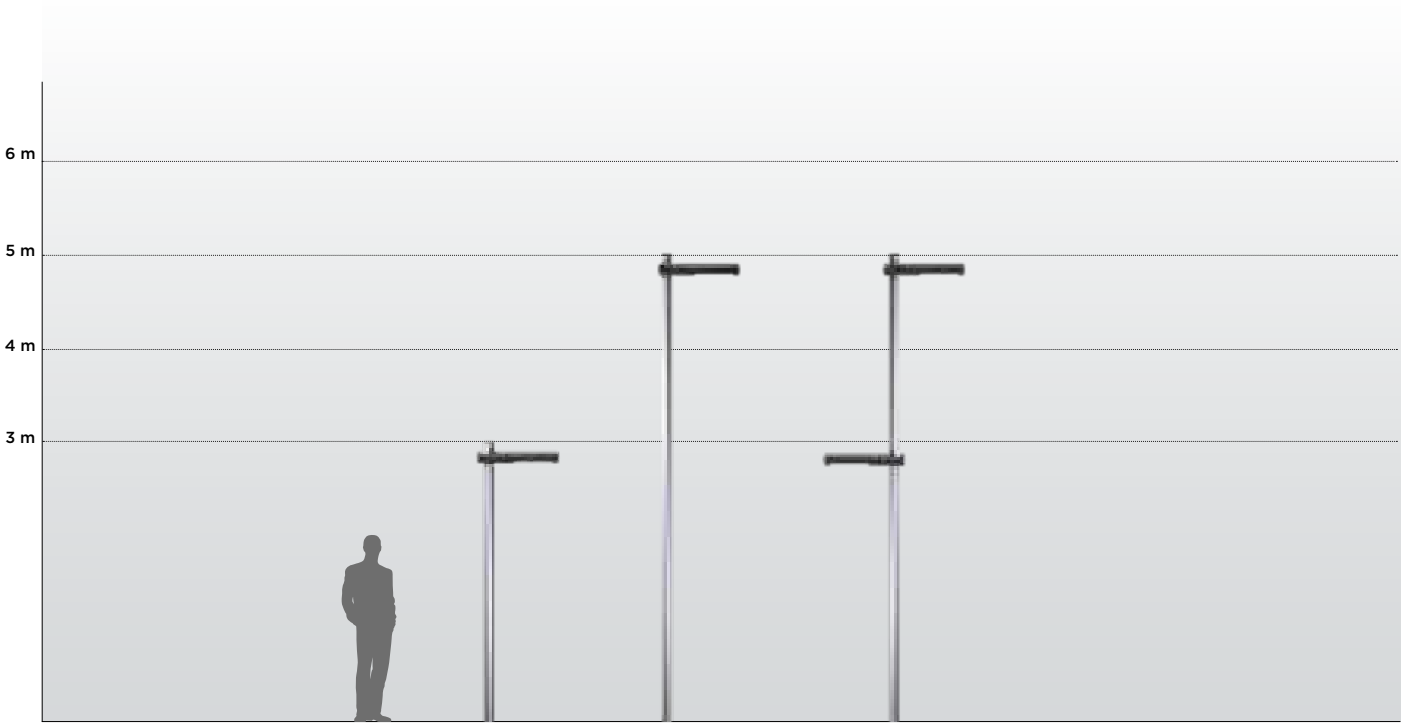
BQ | AL INJ | GLA HARD DIF | Ø100 mm | 1 | 230V 50Hz | CUT-OFF | R





E-27			
35W	MH		80-4521-BQ-37
35W	MH		80-4522-BQ-37
70W	HPS - MH		80-4502-BQ-37
70W	HPS	2N	80-4505-BQ-37
70W	HPS	2N TEMP	80-4508-BQ-37
70W	HPS	2N	80-4514-BQ-37
70W	HPS	2N TEMP	80-4517-BQ-37
70W	HPS - MH		80-4511-BQ-37
E-40			
100W	HPS - MH		80-4503-BQ-37
100W	HPS	2N	80-4506-BQ-37
100W	HPS	2N TEMP	80-4509-BQ-37
100W	HPS - MH		80-4518-BQ-37
100W	HPS	2N	80-4512-BQ-37
100W	HPS	2N TEMP	80-4515-BQ-37
150W	HPS - MH		80-4504-BQ-37
150W	HPS	2N	80-4507-BQ-37
150W	HPS	2N TEMP	80-4510-BQ-37
150W	HPS - MH		80-4513-BQ-37
150W	HPS	2N	80-4516-BQ-37
150W	HPS	2N TEMP	80-4519-BQ-37
G-12			
35W	MH		80-4494-BQ-37
35W	MH		80-4498-BQ-37
70W	MH		80-4495-BQ-37
70W	MH		80-4499-BQ-37
100W	MH		80-4496-BQ-37
100W	MH		80-4500-BQ-37
150W	MH		80-4497-BQ-37
150W	MH		80-4501-BQ-37
PGZ-12			
45W	COSMOWHITE	PHILIPS 230V 50-60Hz	80-4602-BQ-37
60W	COSMOWHITE	PHILIPS 230V 50-60Hz	80-4603-BQ-37
90W	COSMOWHITE	PHILIPS 230V 50-60Hz	80-4604-BQ-37





PROMENADE

P. 806

3m	81-3137-AU-AU	■	71-4520-48-48	71-4524-48-48	√	X	71-4531-48-48
5 m	81-3140-AU-AU	■	71-4539-48-48	71-4524-48-48	√	X	71-4531-48-48
5 + 3 m	81-3140-AU-AU	■	71-4539-48-48	71-4524-48-48	√	X	71-4531-48-48



PLAÇA VALL, TORÀ, SPAIN

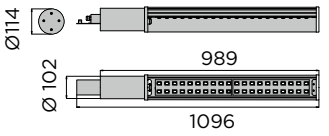


PiILED BY FRANC FERNÁNDEZ + KXDESIGNERS

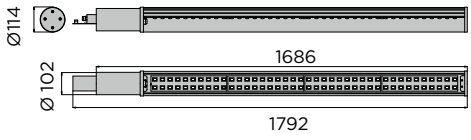
SYMMETRICAL



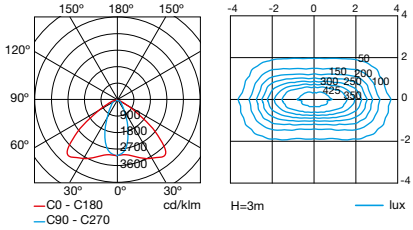
45 W 80-4553-AU-M2

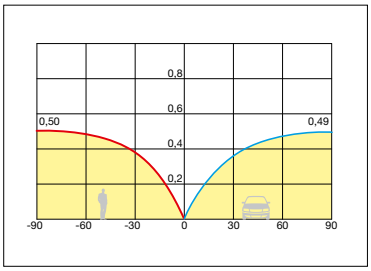


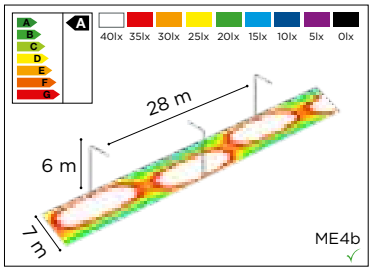
80 W 80-4552-AU-M2



LED 80W
ULOR INST = 1,58%





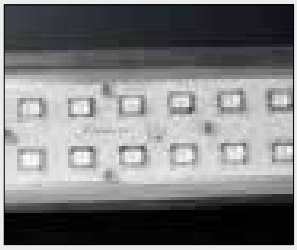


IP 65 | IP 65 | IK 08 | HIGH | >50.000 h | 3 YEARS GUARANTEE

MEAN WELL

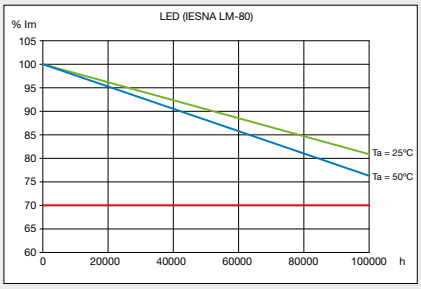
AU | AL EXTR | PC TRAN DIF | Ø92 mm | 1 | N WHITE | 100-240V 50-60Hz | R

LED LUMILED Neutral white 4000K			
45W	40 LED	3.839 lm(N)	**80-4553-AU-M2**
80W	80 LED	6.824 lm(N)	**80-4552-AU-M2**



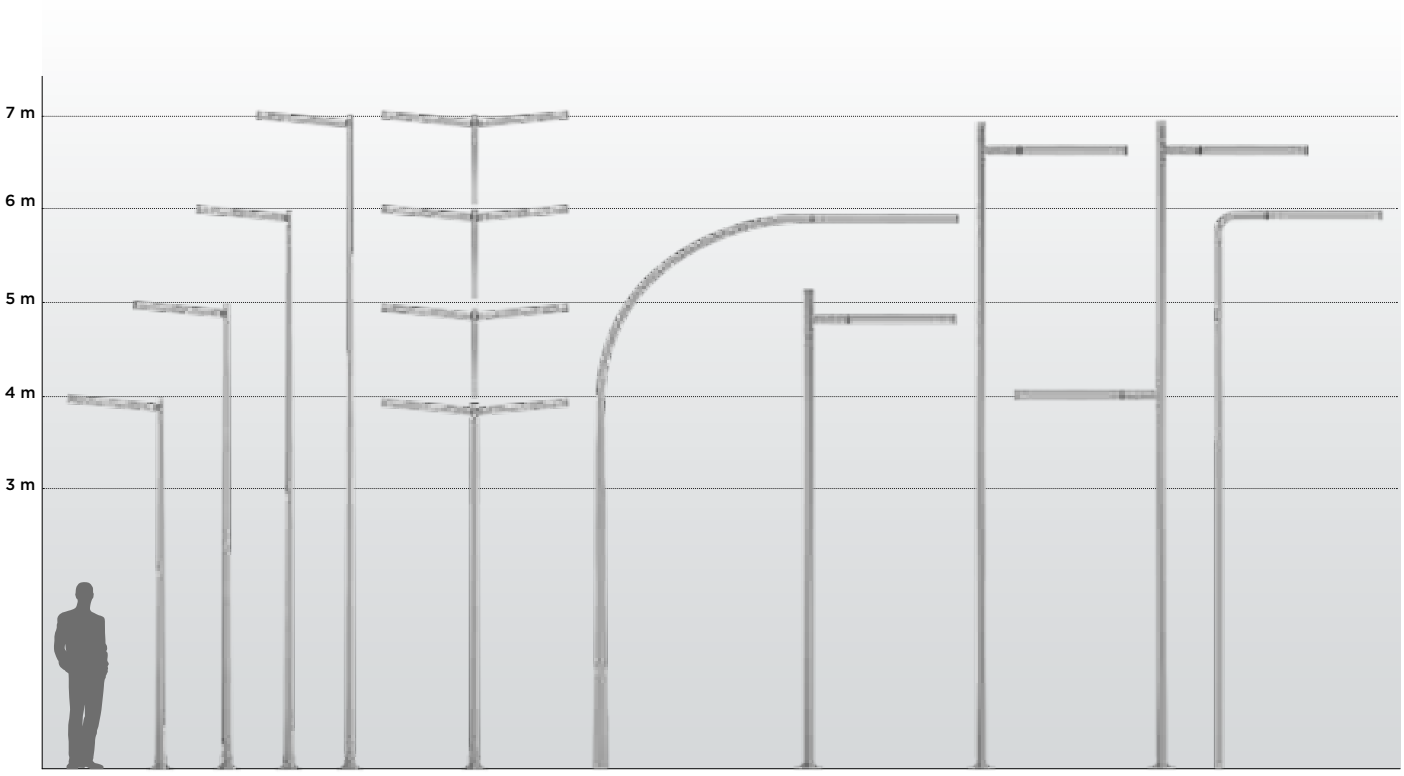






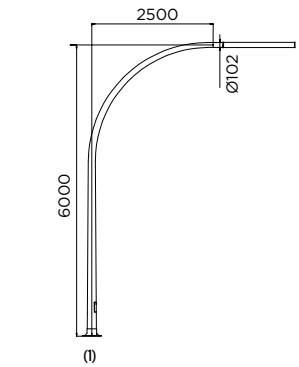


RUBÍ, BARCELONA, SPAIN



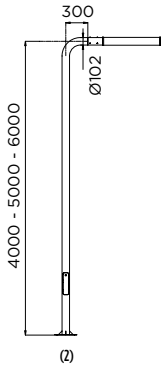
CONICAL	CURVED PiILED	CYLINDRICAL	90º PiILED
P. 801	(1)	P. 802	(2)

CONICAL	7m	81-3149-AV-AV	71-4540-48-48	71-4525-48-48	71-4553-AV-AV	71-4554-AV-AV	71-4555-AV-AV	71-4531-48-48
	6m	81-4535-AV-AV	71-4539-48-48	71-4524-48-48	71-4553-AV-AV	71-4554-AV-AV	71-4555-AV-AV	71-4531-48-48
	5m	81-4534-AV-AV	71-4539-48-48	71-4524-48-48	71-4553-AV-AV	71-4554-AV-AV	71-4555-AV-AV	71-4531-48-48
	4m	81-3151-AV-AV	71-4520-48-48	71-4524-48-48	71-4553-AV-AV	71-4554-AV-AV	71-4555-AV-AV	71-4531-48-48
CYLINDRICAL	7+ 4 m	81-3133-AU-AU	71-4522-48-48	71-4525-48-48	71-4553-AV-AV	√	X	71-3128-48-48
	7m	81-3132-AU-AU	71-4522-48-48	71-4525-48-48	71-4553-AV-AV	√	X	71-3128-48-48
	5m	81-3128-AU-AU	71-4539-48-48	71-4524-48-48	71-4553-AV-AV	√	X	71-3128-48-48
90º PiILED	6m	81-4558-AV-AV	71-4539-48-48	71-4524-48-48	√	√	X	71-4531-48-48
	5m	81-4557-AV-AV	71-4539-48-48	71-4524-48-48	√	√	X	71-4531-48-48
	4m	81-4556-AV-AV	71-4539-48-48	71-4524-48-48	√	√	X	71-4531-48-48
CURVED PiILED	6m	81-4552-AV-AV	71-4556-48-48	71-4525-48-48	√	√	X	71-4531-48-48



(1)

CURVED PiILED



(2)

90º PiILED

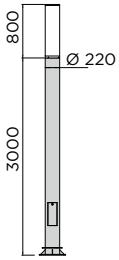


CITIZEN LED

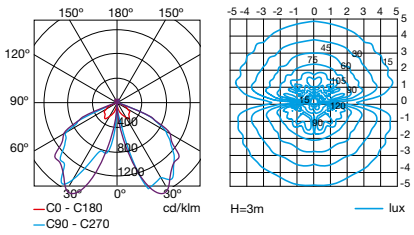
SYMMETRICAL

NEW





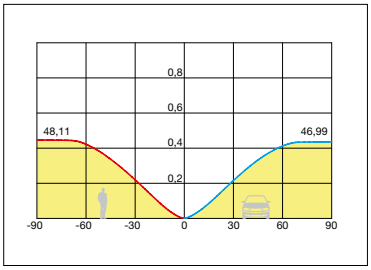
LED 56W
ULOR INST = 2,08%



IP 65 | IP 66 | IK 10 | HIGH | >50.000 h

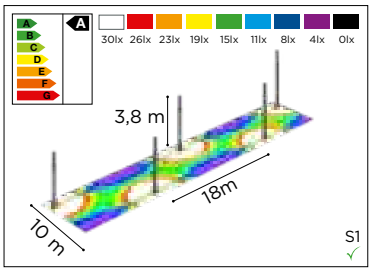
MEAN WELL

BB | AL INJ | PC TRAN DIF | W WHITE | 100-240V 50-60Hz



CITIZEN COB LED Neutral white 3000K

60W	LED	6082 lm(N)	**83-3239-BB-M2** (1)



(1) **EL CÓDIGO INCLUYE CABEZAL Y COLUMNA.**
(1) THE CODE INCLUDES HEAD AND POLE.
(1) **LE CODE COMPREND LA TÊTE ET LE MÂT.**
(1) DIESE ARTIKEL-NR. ENTHÄLT DEN MAST UND DEN LEUCHTENKOPF.
(1) **IL CODICE INCLUDE TESTA E COLONNA.**
(1) O CÓDIGO INCLUI A CABEÇA E A COLUNA.
(1) **АРТИКУЛ ВКЛЮЧАЕТ СВЕТИЛЬНИК И ОПОРУ.**
(1) TEN KOD OBEJMUJE GŁOWICĘ I SŁUP.

71-4521-48-48	71-4526-48-48	71-3148-48-48

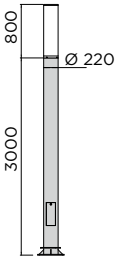




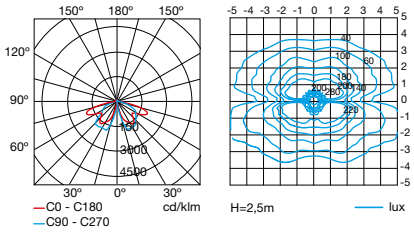
CITIZEN HID

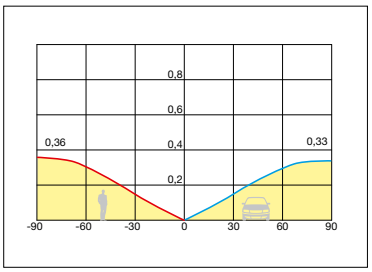
SYMMETRICAL

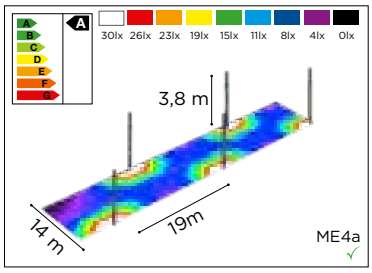




MH 70W
ULOR INST = 2,08%







IP 65 | IP 65 | IK 10 | 3 YEARS WARRANTY

VOSSLOH

BB | AL INJ | PC TRAN DIF | 1 + 1 + 1 | 230V 50Hz | CUT-OFF | R

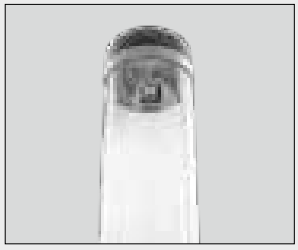
G-12				
35W	MH			**83-4580-BB-M2** (1)
35W	MH			**83-4584-BB-M2** (1)
70W	MH			**83-4581-BB-M2** (1)
70W	MH			**83-4585-BB-M2** (1)
100W	MH			**83-4582-BB-M2** (1)
100W	MH			**83-4586-BB-M2** (1)
150W	MH			**83-4583-BB-M2** (1)
150W	MH		2N	**83-4588-BB-M2** (1)
150W	MH		2N TEMP	**83-4590-BB-M2** (1)
150W	MH			**83-4587-BB-M2** (1)
150W	MH		2N	**83-4589-BB-M2** (1)
150W	MH		2N TEMP	**83-4591-BB-M2** (1)
PGZ-12				
45W	COSMOWHITE	PHILIPS	230V 50-60Hz	**83-4608-BB-M2** (1)
60W	COSMOWHITE	PHILIPS	230V 50-60Hz	**83-4609-BB-M2** (1)

(1) **EL CÓDIGO INCLUYE CABEZAL Y COLUMNA.**
(1) THE CODE INCLUDES HEAD AND POLE.
(1) **LE CODE COMPREND LA TÊTE ET LE MÂT.**
(1) DIESE ARTIKEL-NR. ENTHÄLT DEN MAST UND DEN LEUCHTENKOPF.
(1) **IL CODICE INCLUDE TESTA E COLONNA.**
(1) O CÓDIGO INCLUI A CABEÇA E A COLUNA.
(1) **АРТИКУЛ ВКЛЮЧАЕТ СВЕТИЛЬНИК И ОПОРУ.**
(1) TEN KOD OBEJMUJE GŁOWICĘ I SŁUP.

71-4521-48-48	71-4526-48-48	71-3148-48-48







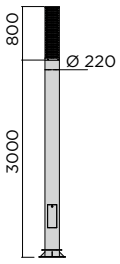


SANT VICENÇ DELS HORTS, BARCELONA, SPAIN

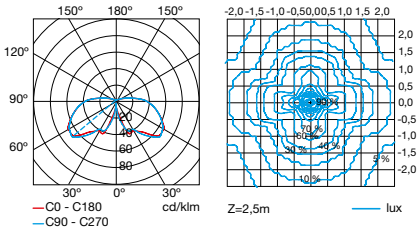
CITIZEN HID

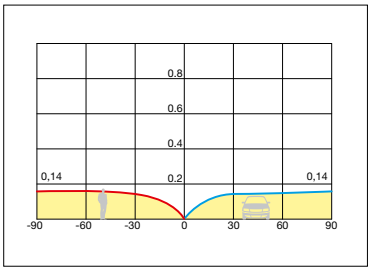
SYMMETRICAL

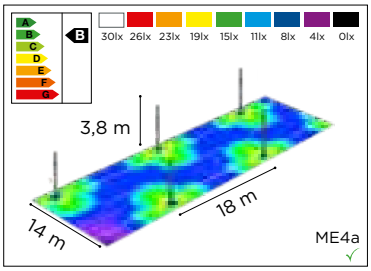




HPS 2X70W
ULOR INST = 10,3%







IP 65 | IP 65 | IK 10 | 3 YEARS WARRANTY

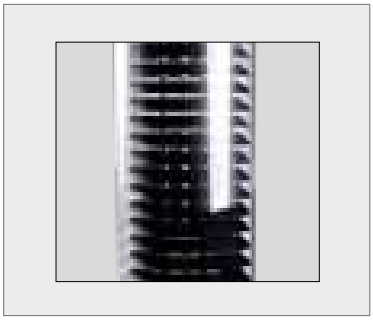
VOSSLOH ELT

BB | AL INJ | PC TRAN DIF | 1 + 1 | 230V 50Hz | CUT-OFF | R

E-27			
2 x 70W	HPS - MH		**83-3099-BB-M2** (1)
2 x 70W	HPS	2N	**83-3103-BB-M2** (1)
2 x 70W	HPS	2N TEMP	**83-3117-BB-M2** (1)
2 x 70W	HPS - MH		**83-3184-BB-M2** (1)
E-40			
2 x 100W	HPS - MH		**83-3101-BB-M2** (1)
2 x 100W	HPS	2N	**83-3104-BB-M2** (1)
2 x 100W	HPS	2N TEMP	**83-3118-BB-M2** (1)
2 x 100W	HPS - MH		**83-3185-BB-M2** (1)
2 x 150W	HPS - MH		**83-3102-BB-M2** (1)
2 x 150W	HPS	2N	**83-3105-BB-M2** (1)
2 x 150W	HPS	2N TEMP	**83-3119-BB-M2** (1)
2 x 150W	HPS - MH		**83-3186-BB-M2** (1)

(1) **EL CÓDIGO INCLUYE CABEZAL Y COLUMNA.**
(1) THE CODE INCLUDES HEAD AND POLE.
(1) **LE CODE COMPREND LA TÊTE ET LE MÂT.**
(1) DIESE ARTIKEL-NR. ENTHÄLT DEN MAST UND DEN LEUCHTENKOPF.
(1) **IL CODICE INCLUDE TESTA E COLONNA.**
(1) O CÓDIGO INCLUI A CABEÇA E A COLUNA.
(1) **АРТИКУЛ ВКЛЮЧАЕТ СВЕТИЛЬНИК И ОПОРУ.**
(1) TEN KOD OBEJMUJE GŁOWICĘ I SŁUP.

71-4521-48-48	71-4526-48-48	71-3148-48-48



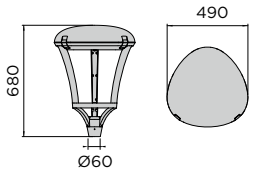


LED (IESNA LM-80)
% lm
105
100
95
90
85
80
75
70
65
60
0
20000
40000
60000
80000
100000
h
Ta = 25ºC
Ta = 50ºC

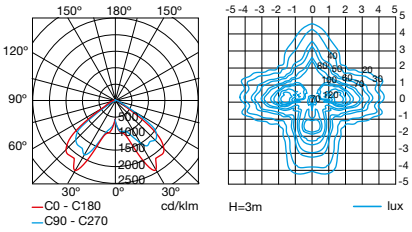
MERIDIAN LED

SYMMETRICAL





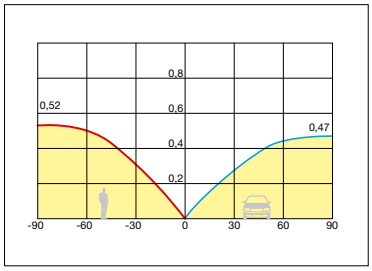
LED 45W
ULOR INST = 0,00%



IP 64 | IP 66 | IK 08 | HIGH | >50.000 h | 3 YEARS WARRANTY

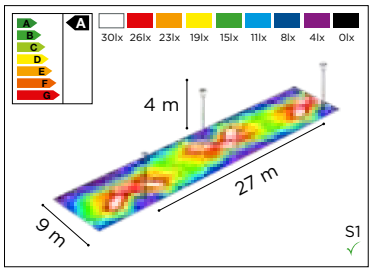
MEAN WELL

BP | AL INJ | GLA HARD DIF | Ø60 mm | 1 | N WHITE | 100-240V 50-60Hz | R



LED OSRAM Neutral white 4000K

30W	16 LED	3.103 lm(N)		**80-4562-BP-37**
45W	20 LED	4.283 lm(N)		**80-4529-BP-37**
45W	20 LED	4.283 lm(N)	2N	**80-4566-BP-37**
45W	20 LED	4.283 lm(N)	2N TEMP	**80-4567-BP-37**
65W	28 LED	5.970 lm(N)		**80-2926-BP-37** NEW

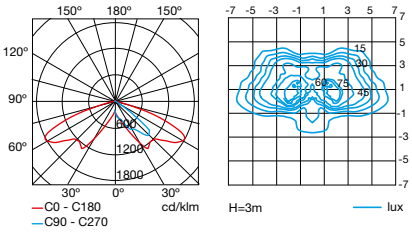


MERIDIAN LED

ASYMMETRICAL



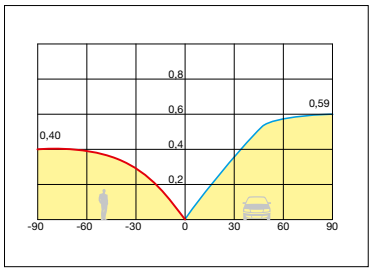
LED 45W
ULOR INST = 0,00%



IP 64 | IP 66 | IK 08 | HIGH | >50.000 h | 3 YEARS WARRANTY

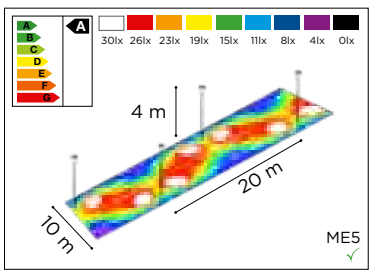
MEAN WELL

BP | AL INJ | GLA HARD DIF | Ø60 mm | 1 | N WHITE | 100-240V 50-60Hz | R



LED OSRAM Neutral white 4000K

30W	16 LED	3.179 lm(N)		**80-2426-BP-37**
45W	20 LED	4.379 lm(N)		**80-2427-BP-37**
45W	20 LED	4.379 lm(N)	2N	**80-2428-BP-37**
45W	20 LED	4.379 lm(N)	2N TEMP	**80-2429-BP-37**
65W	28 LED	6.117 lm(N)		**80-2927-BP-37** NEW



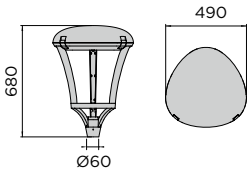


PARQUE EUROPA, MADRID, SPAIN

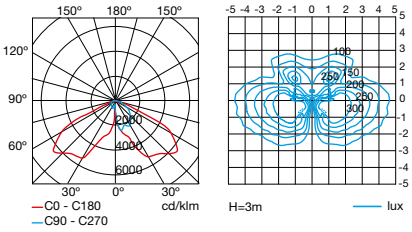
MERIDIAN HID

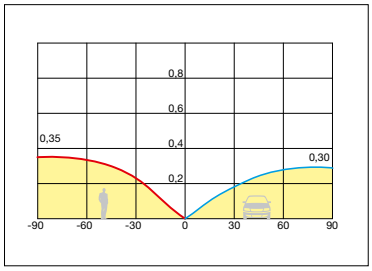
SYMMETRICAL

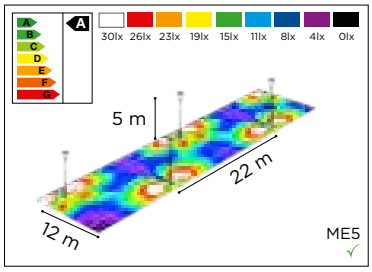




HPS 70W
ULOR INST = 0,1%







IP 64 | IP 66 | IK 08 | 3 YEARS WARRANTY

VOSSLOH ELT

BP | AL INJ | GLA HARD DIF | Ø60 mm | 230V 50Hz | CUT-OFF | R

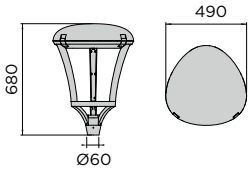
E-27			
35W	MH		**80-4629-BP-37**
35W	MH		**80-4630-BP-37**
70W	HPS - MH		**80-4631-BP-37**
70W	HPS	2N	**80-4632-BP-37**
70W	HPS	2N TEMP	**80-4633-BP-37**
70W	HPS - MH		**80-4634-BP-37**
70W	HPS	2N	**80-4635-BP-37**
70W	HPS	2N TEMP	**80-4636-BP-37**
E-40			
100W	HPS - MH		**80-4637-BP-37**
100W	HPS	2N	**80-4638-BP-37**
100W	HPS	2N TEMP	**80-4639-BP-37**
100W	HPS - MH		**80-4640-BP-37**
100W	HPS	2N	**80-4641-BP-37**
100W	HPS	2N TEMP	**80-4642-BP-37**
150W	HPS - MH		**80-4643-BP-37**
150W	HPS	2N	**80-4644-BP-37**
150W	HPS	2N TEMP	**80-4645-BP-37**
150W	HPS - MH		**80-4647-BP-37**
150W	HPS	2N	**80-4646-BP-37**
150W	HPS	2N TEMP	**80-4648-BP-37**
G-12			
70W	MH		**80-4786-BP-37**
70W	MH		**80-4787-BP-37**
100W	MH		**80-4788-BP-37**
100W	MH		**80-4789-BP-37**
150W	MH		**80-4790-BP-37**
150W	MH		**80-4791-BP-37**
PGZ-12			
45W	COSMOWHITE	PHILIPS 230V 50-60Hz	**80-4626-BP-37**
60W	COSMOWHITE	PHILIPS 230V 50-60Hz	**80-4627-BP-37**
90W	COSMOWHITE	PHILIPS 230V 50-60Hz	**80-4628-BP-37**



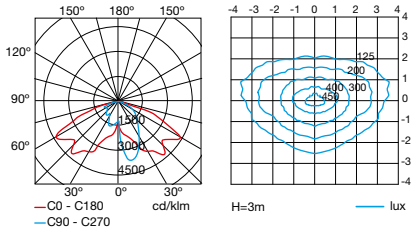
MERIDIAN HID

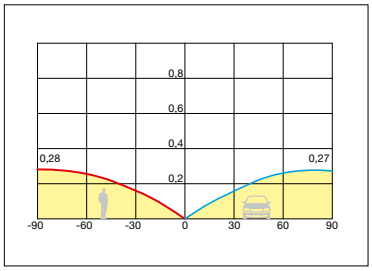
ASYMMETRICAL

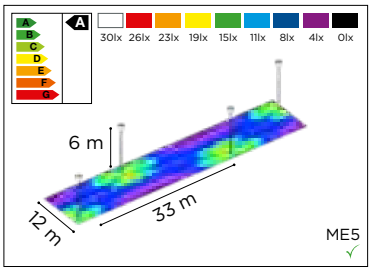




HPS 70W
ULOR INST = 0,1%







IP 64 | IP 66 | IK 08 | 3 YEARS GUARANTEE

VOSSLOH ELT

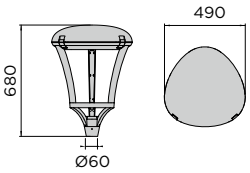
BP | AL INJ | GLA HARD DIF | Ø60 mm | 230V 50Hz | CUT-OFF | R

E-27			
35W	MH		**80-4523-BP-37**
35W	MH		**80-4524-BP-37**
70W	HPS - MH		**80-3012-BP-37**
70W	HPS	2N	**80-3015-BP-37**
70W	HPS	2N TEMP	**80-3018-BP-37**
70W	HPS - MH		**80-3021-BP-37**
70W	HPS	2N	**80-3025-BP-37**
70W	HPS	2N TEMP	**80-3179-BP-37**
E-40			
100W	HPS - MH		**80-3013-BP-37**
100W	HPS	2N	**80-3016-BP-37**
100W	HPS	2N TEMP	**80-3019-BP-37**
100W	HPS - MH		**80-3022-BP-37**
100W	HPS - MH	2N	**80-3026-BP-37**
100W	HPS	2N TEMP	**80-3180-BP-37**
150W	HPS - MH		**80-3014-BP-37**
150W	HPS	2N	**80-3017-BP-37**
150W	HPS	2N TEMP	**80-3020-BP-37**
150W	HPS - MH		**80-3042-BP-37**
150W	HPS	2N	**80-3027-BP-37**
150W	HPS	2N TEMP	**80-3181-BP-37**
G-12			
70W	MH		**80-4779-BP-37**
70W	MH		**80-4780-BP-37**
100W	MH		**80-4781-BP-37**
100W	MH		**80-4782-BP-37**
150W	MH		**80-4783-BP-37**
150W	MH		**80-4784-BP-37**
PGZ-12			
45W	COSMOWHITE	PHILIPS 230V 50-60Hz	**80-4592-BP-37**
60W	COSMOWHITE	PHILIPS 230V 50-60Hz	**80-4593-BP-37**
90W	COSMOWHITE	PHILIPS 230V 50-60Hz	**80-4594-BP-37**

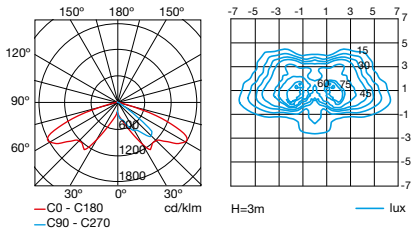
MERIDIAN SOLAR

ASYMMETRICAL NEW



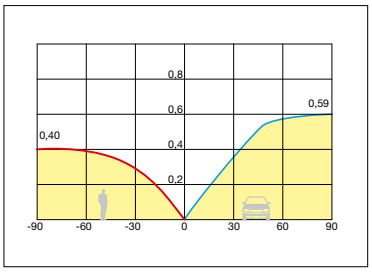


LED 45W
ULOR INST = 0,00%

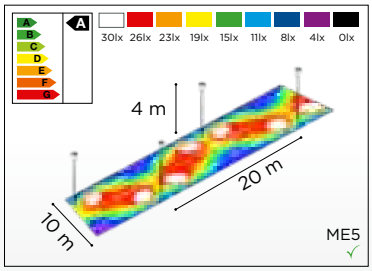


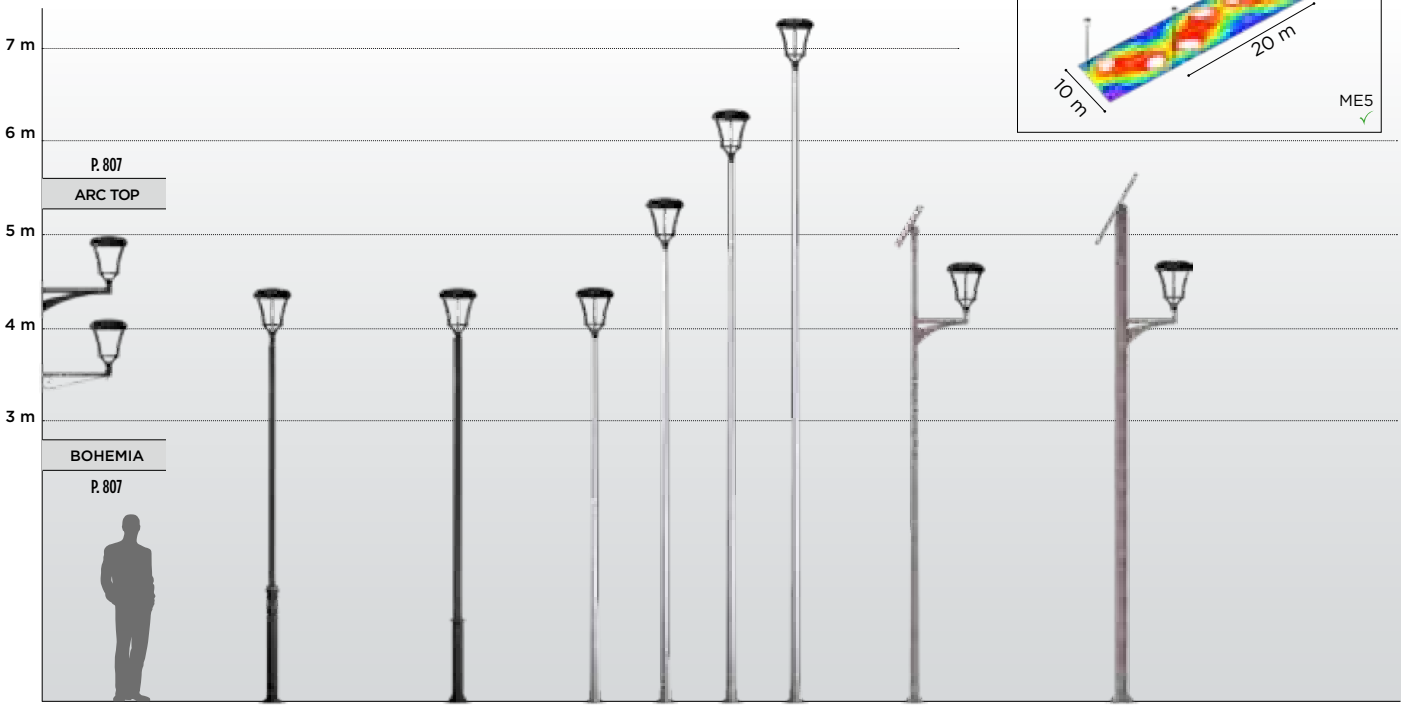
IP 64 | IP 66 | IK 08 | HIGH | >50.000 h

BP | AL INJ | GLA HARD DIF | Ø60 mm | N WHITE | 12V | R



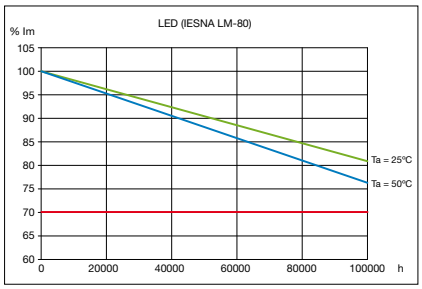
LED OSRAM Neutral white 4000K			
30W	20 LED	3.179 lm(N)	**80-3257-BP-37**
45W	20 LED	4.379 lm(N)	**80-3258-BP-37**
65W	28 LED	6.117 lm(N)	**80-3275-BP-37**





BOHEMIA	NIKOLSON	CONICAL	SOLAR-ECO TOP	SOLAR-TECH TOP
P. 805	P. 804	P. 801	P. 800	P. 800

BOHEMIA	4m	81-3123-BP-BP	71-4521-48-48	71-4524-48-48	√	X	71-3148-48-48	X
NIKOLSON	4m	81-3145-BP-BP	71-4520-48-48	71-4524-48-48	√	X	71-3128-48-48	X
CONICAL	7m	81-3149-AV-AV	71-4540-48-48	71-4525-48-48	√	X	71-4531-48-48	X
	6m	81-4535-AV-AV	71-4539-48-48	71-4524-48-48	√	X	71-4531-48-48	X
	5m	81-4534-AV-AV	71-4539-48-48	71-4524-48-48	√	X	71-4531-48-48	X
	4m	81-3151-AV-AV	71-4520-48-48	71-4524-48-48	√	X	71-4531-48-48	X
SOLAR-ECO TOP	5m	81-3256-AV-AV	71-4539-48-48	71-4524-48-48	√	X	71-4531-48-48	P. 798
SOLAR-TECH TOP	5m	81-3255-AV-AV	71-4521-48-48	71-4525-48-48	√	X	71-4531-48-48	P. 799
ARC TOP	ARM	82-3012-BP-BP						
BOHEMIA	ARM	82-3124-BP-BP						







SISTEMA EXCLUSIVO DE LEDS-C4 PARA REDUCIR LA PROYECCIÓN DE SOMBRAS.

EXCLUSIVE LEDS-C4 SYSTEM TO REDUCE SHADOWS.

SYSTÈME EXCLUSIF DE LEDS-C4 DESTINÉ À RÉDUIRE LA PROJECTION D'OMBRES.

EXKLUSIVES SYSTEM VON LEDS-C4 ZUR VERRINGERUNG VON SCHATTENWURF.

SISTEMA ESCLUSIVO DI LEDS-C4 PER RIDURRE LA PROIEZIONE DI OMBRE.

SISTEMA EXCLUSIVO DE LEDS-C4 PARA REDUZIR A PROJEÇÃO DE SOMBRAS.

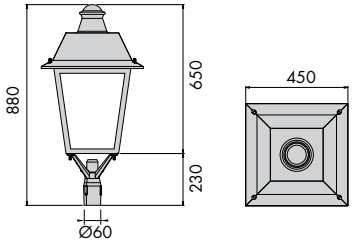
ЭКСКЛЮЗИВНАЯ СИСТЕМА LEDS-C4 ДЛЯ УМЕНЬШЕНИЯ ОТБРАСЫВАНИЯ ТЕНЕЙ.

EKSKLUZYWNY SYSTEM LEDS-C4 DLA ZMNIEJSZENIA RZUCANIA CIENI.

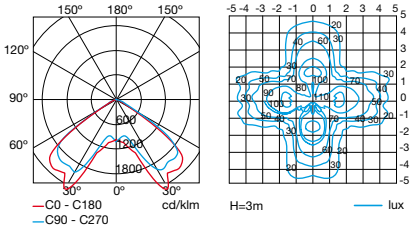
BOHEMIA LED

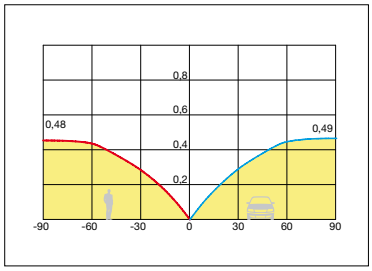
SYMMETRICAL





LED 45W
ULOR INST = 1,20%





IP 64 | IP 66 | IK 08 | HIGH | >50.000 h | 3 YEARS WARRANTY

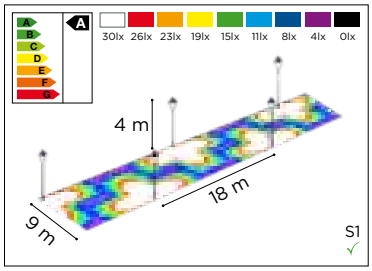
MEAN WELL

BP | AL INJ | GLA HARD DIF | Ø60 mm | 1 | N WHITE | 100-240V 50-60Hz

LED OSRAM Neutral white 4000K

30W	16 LED	3.102 lm(N)		**80-4538-BP-37**
45W	20 LED	4.283 lm(N)		**80-4528-BP-37**
45W	20 LED	4.283 lm(N)	2N	**80-4543-BP-37**
45W	20 LED	4.283 lm(N)	2N TEMP	**80-4542-BP-37**
65W	28 LED	5.970 lm(N)		**80-8928-BP-37**

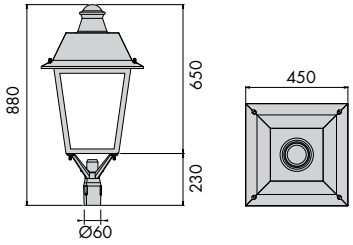
NEW



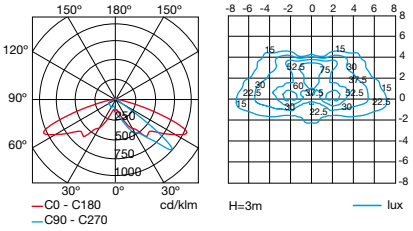
BOHEMIA LED

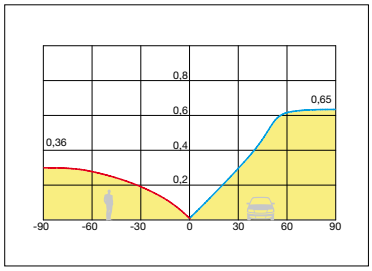
ASYMMETRICAL





LED 45W
ULOR INST = 1,20%





IP 64 | IP 66 | IK 08 | HIGH | >50.000 h | 3 YEARS WARRANTY

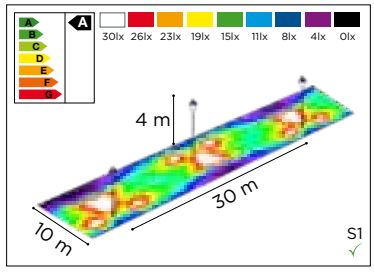
MEAN WELL

BP | AL INJ | GLA HARD DIF | Ø60 mm | 1 | N WHITE | 100-240V 50-60Hz

LED OSRAM Neutral white 4000K

30W	16 LED	3.179 lm(N)		**80-2417-BP-37**
45W	20 LED	4.379 lm(N)		**80-2418-BP-37**
45W	20 LED	4.379 lm(N)	2N	**80-2421-BP-37**
45W	20 LED	4.379 lm(N)	2N TEMP	**80-2419-BP-37**
65W	28 LED	6.117 lm(N)		**80-8929-BP-37**

NEW

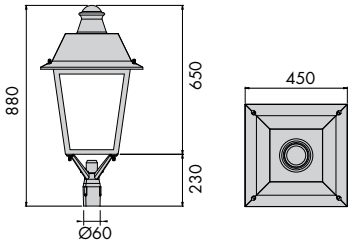




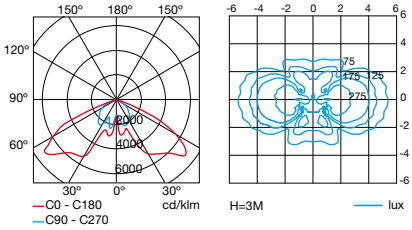
BOHEMIA HID

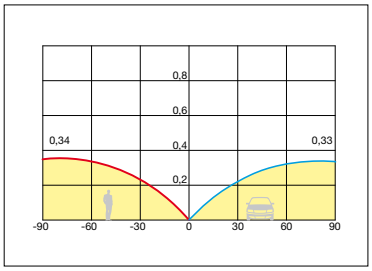
SYMMETRICAL

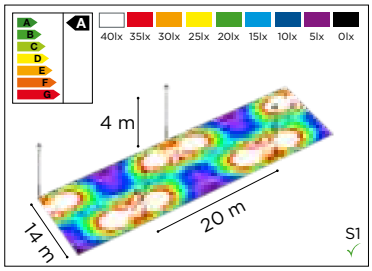




HPS 70W
ULOR INST = 1,00%







IP 64 | IP 66 | IK 08 | 3 YEARS WARRANTY

VOSSLOH ELT

BP | AL INJ | GLA HARD DIF | Ø60 mm | 1 + 1 | 230V 50Hz | CUT-OFF

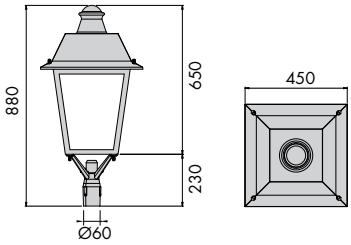
E-27			
35W	MH		**80-4652-BP-37**
35W	MH		**80-4653-BP-37**
70W	HPS-MH		**80-4654-BP-37**
70W	HPS	2N	**80-4655-BP-37**
70W	HPS	2N TEMP	**80-4656-BP-37**
70W	HPS-MH		**80-4657-BP-37**
70W	HPS	2N	**80-4658-BP-37**
70W	HPS	2N TEMP	**80-4659-BP-37**
E-40			
100W	HPS-MH		**80-4660-BP-37**
100W	HPS	2N	**80-4661-BP-37**
100W	HPS	2N TEMP	**80-4662-BP-37**
100W	HPS-MH		**80-4663-BP-37**
100W	HPS	2N	**80-4664-BP-37**
100W	HPS	2N TEMP	**80-4665-BP-37**
150W	HPS-MH		**80-4666-BP-37**
150W	HPS	2N	**80-4667-BP-37**
150W	HPS	2N TEMP	**80-4668-BP-37**
150W	HPS-MH		**80-4669-BP-37**
150W	HPS	2N	**80-4670-BP-37**
150W	HPS	2N TEMP	**80-4671-BP-37**
G-12			
70W	MH		**80-4799-BP-37**
70W	MH		**80-4800-BP-37**
100W	MH		**80-4801-BP-37**
100W	MH		**80-4802-BP-37**
150W	MH		**80-4803-BP-37**
150W	MH		**80-4804-BP-37**
PGZ-12			
45W	COSMOWHITE PHILIPS 230V 50-60Hz		**80-4649-BP-37**
60W	COSMOWHITE PHILIPS 230V 50-60Hz		**80-4650-BP-37**
90W	COSMOWHITE PHILIPS 230V 50-60Hz		**80-4651-BP-37**



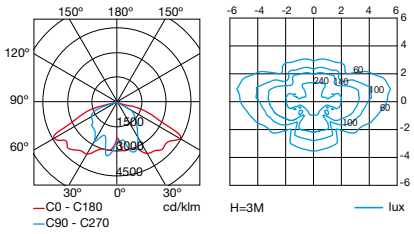
BOHEMIA HID

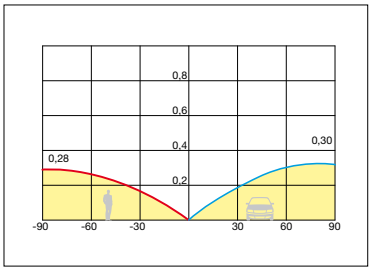
ASYMMETRICAL

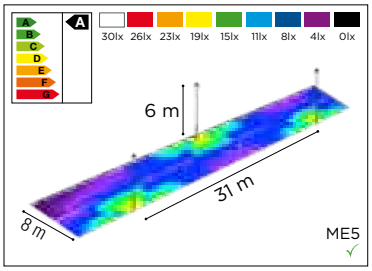




HPS 70W
ULOR INST = 1,00%







IP 64 | IP 66 | IK 08

VOSSLOH ELT

BP | AL INJ | GLA HARD DIF | 230V 50Hz | CUT-OFF

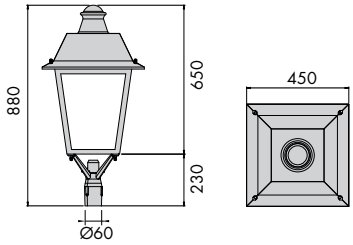
E-27			
35W	MH		**80-4525-BP-37**
35W	MH		**80-4545-BP-37**
70W	HPS-MH		**80-3001-BP-37**
70W	HPS	2N	**80-3004-BP-37**
70W	HPS	2N TEMP	**80-3007-BP-37**
70W	HPS-MH		**80-3010-BP-37**
70W	HPS	2N	**80-3173-BP-37**
70W	HPS	2N TEMP	**80-3176-BP-37**
E-40			
100W	HPS-MH		**80-3002-BP-37**
100W	HPS	2N	**80-3005-BP-37**
100W	HPS	2N TEMP	**80-3008-BP-37**
100W	HPS-MH		**80-3011-BP-37**
100W	HPS	2N	**80-3174-BP-37**
100W	HPS	2N TEMP	**80-3177-BP-37**
150W	HPS-MH		**80-3003-BP-37**
150W	HPS	2N	**80-3006-BP-37**
150W	HPS	2N TEMP	**80-3009-BP-37**
150W	HPS-MH		**80-3028-BP-37**
150W	HPS	2N	**80-3175-BP-37**
150W	HPS	2N TEMP	**80-3178-BP-37**
G-12			
70W	MH		**80-4793-BP-37**
70W	MH		**80-4794-BP-37**
100W	MH		**80-4795-BP-37**
100W	MH		**80-4796-BP-37**
150W	MH		**80-4797-BP-37**
150W	MH		**80-4798-BP-37**
PGZ-12			
45W	COSMOWHITE	PHILIPS 230V 50-60Hz	**80-4595-BP-37**
60W	COSMOWHITE	PHILIPS 230V 50-60Hz	**80-4596-BP-37**
90W	COSMOWHITE	PHILIPS 230V 50-60Hz	**80-4597-BP-37**

BOHEMIA SOLAR

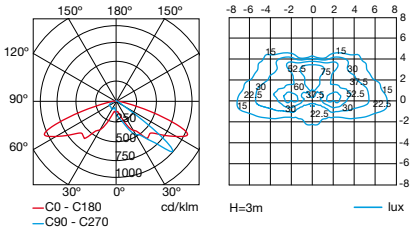
ASYMMETRICAL

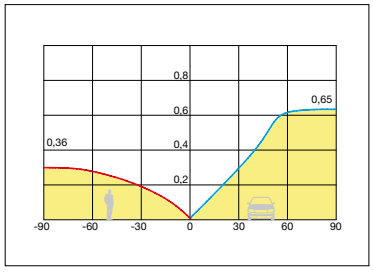
NEW





LED 45W
ULOR INST = 1,20%

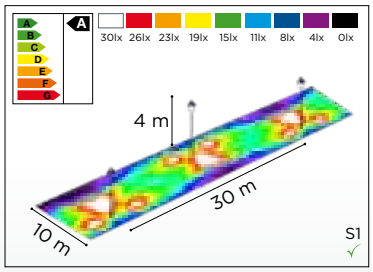


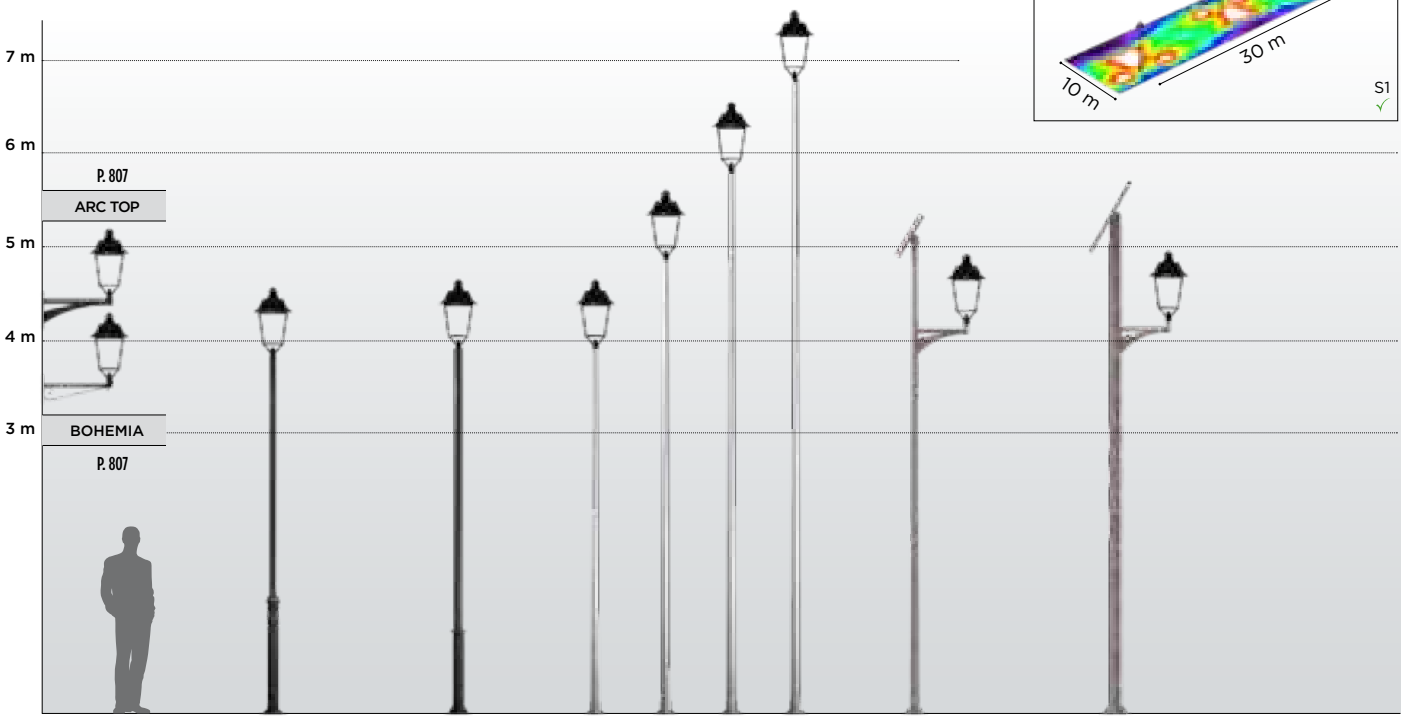


IP 64 | IP 66 | IK 08 | HIGH | >50.000 h

BP | AL INJ | GLA HARD DIF | WHITE | 12V

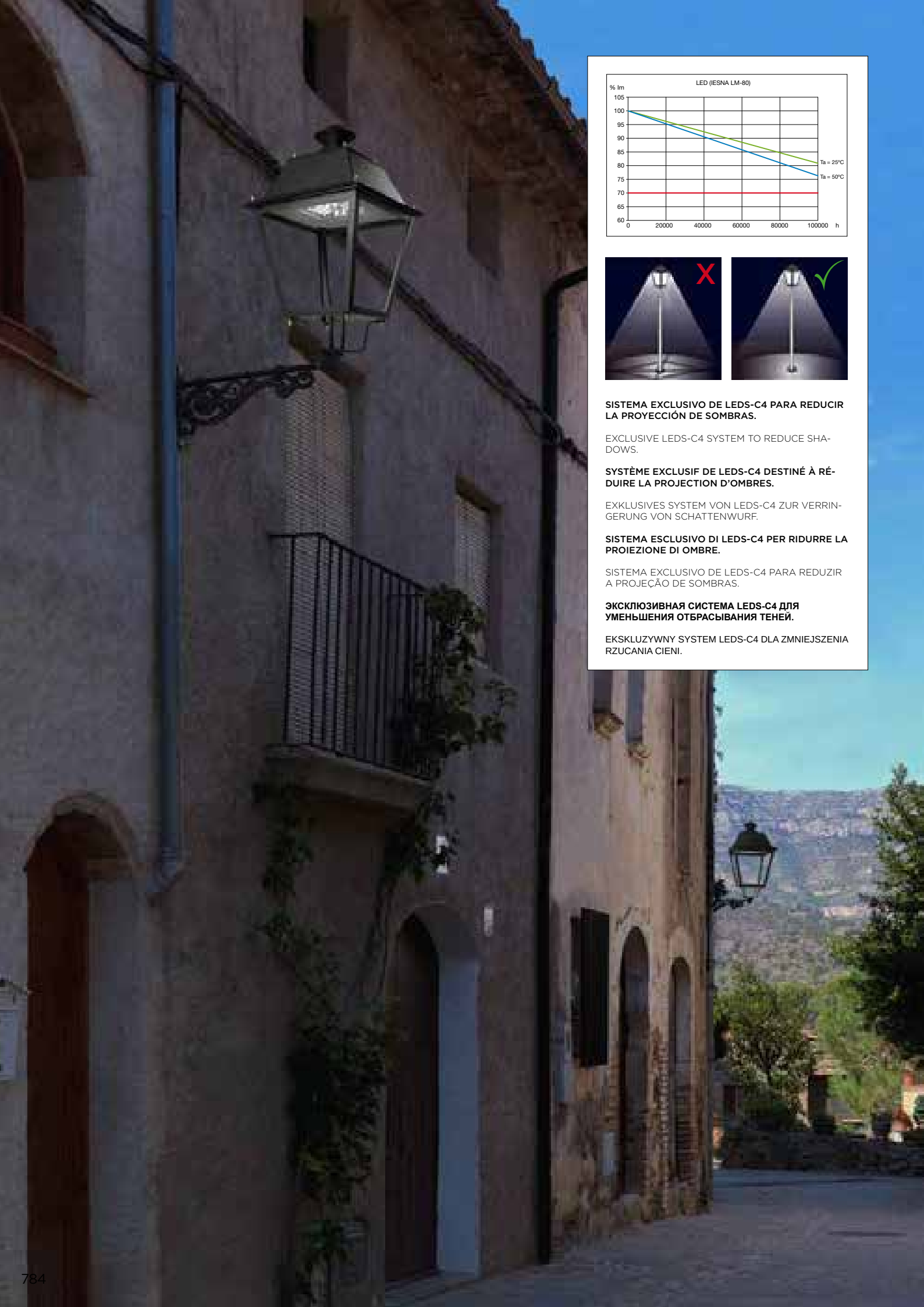
LED OSRAM Neutral white 4000K			
30W	20 LED	3.179 lm(N)	**80-3261-BP-37**
45W	20 LED	4.379 lm(N)	**80-3262-BP-37**
65W	28 LED	6.117 lm(N)	**80-3276-BP-37**





BOHEMIA	NIKOLSON	CONICAL	SOLAR-ECO TOP	SOLAR-TECH TOP
P. 805	P. 804	P. 801	P. 800	P. 800

BOHEMIA	4m	81-3123-BP-BP ■	71-4521-48-48	71-4524-48-48	√	X	71-3148-48-48	X
NIKOLSON	4m	81-3145-BP-BP ■	71-4520-48-48	71-4524-48-48	√	X	71-3128-48-48	X
CONICAL	7m	81-3149-AV-AV ▥	71-4540-48-48	71-4525-48-48	√	X	71-4531-48-48	X
	6m	81-4535-AV-AV ▥	71-4539-48-48	71-4524-48-48	√	X	71-4531-48-48	X
	5m	81-4534-AV-AV ▥	71-4539-48-48	71-4524-48-48	√	X	71-4531-48-48	X
	4m	81-3151-AV-AV ▥	71-4520-48-48	71-4524-48-48	√	X	71-4531-48-48	X
SOLAR-ECO TOP	5m	81-3256-AV-AV ▪	71-4539-48-48	71-4524-48-48	√	X	71-4531-48-48	P. 798
SOLAR-TECH TOP	5m	81-3255-AV-AV ▪	71-4521-48-48	71-4525-48-48	√	X	71-4531-48-48	P. 799
ARC TOP	ARM	82-3012-BP-BP ■						
BOHEMIA	ARM	82-3124-BP-BP ■						



SISTEMA EXCLUSIVO DE LEDS-C4 PARA REDUCIR LA PROYECCIÓN DE SOMBRAS.

EXCLUSIVE LEDS-C4 SYSTEM TO REDUCE SHADOWS.

SYSTÈME EXCLUSIF DE LEDS-C4 DESTINÉ À RÉDUIRE LA PROJECTION D'OMBRES.

EXKLUSIVES SYSTEM VON LEDS-C4 ZUR VERRINGERUNG VON SCHATTENWURF.

SISTEMA ESCLUSIVO DI LEDS-C4 PER RIDURRE LA PROIEZIONE DI OMBRE.

SISTEMA EXCLUSIVO DE LEDS-C4 PARA REDUZIR A PROJEÇÃO DE SOMBRAS.

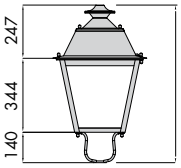
ЭКСКЛЮЗИВНАЯ СИСТЕМА LEDS-C4 ДЛЯ УМЕНЬШЕНИЯ ОТБРАСЫВАНИЯ ТЕНЕЙ.

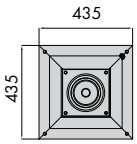
EKSKLUZYWNY SYSTEM LEDS-C4 DLA ZMNIEJSZENIA RZUCANIA CIENI.

ANDALUCIA LED

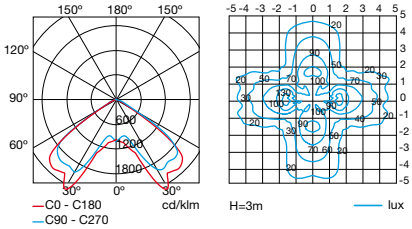
SYMMETRICAL

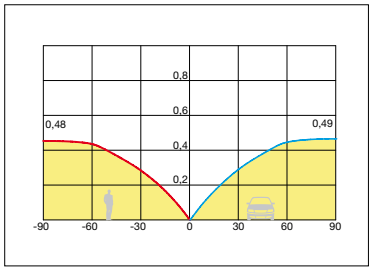


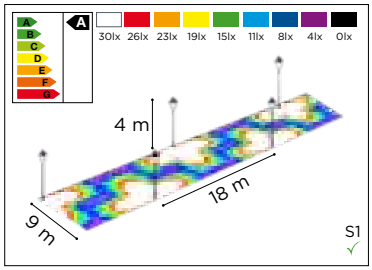




LED 45W
ULOR INST = 1,20%







IP 23 | IP 66 | IK 08 | HIGH | >50.000 h | 5 YEARS WARRANTY

MEAN WELL

BP | AL INJ | PMMA TRAN | Ø60 mm | 1 | N WHITE | 100-240V 50-60Hz

LED OSRAM Neutral white 4000K

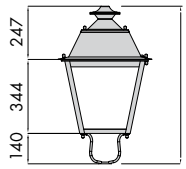
30W	16 LED	3.103 lm(N)		**80-4692-BP-37**
45W	20 LED	4.283 lm(N)		**80-4520-BP-37**
45W	20 LED	4.283 lm(N)	2N	**80-4698-BP-37**
45W	20 LED	4.283 lm(N)	2N TEMP	**80-4697-BP-37**
60W	28 LED	5.970 lm(N)		**80-8930-BP-37**

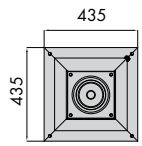
NEW

ANDALUCIA LED

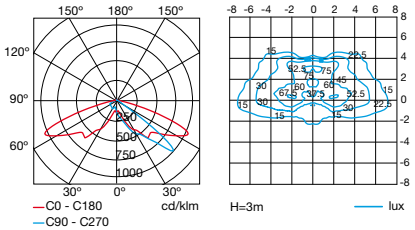
ASYMMETRICAL

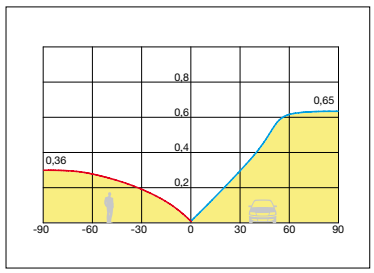


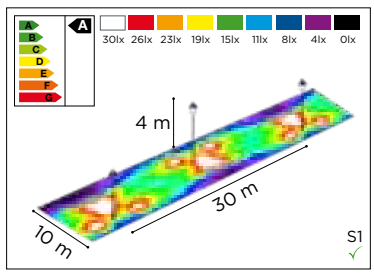




LED 45W
ULOR INST = 1,20%







IP 23 | IP 66 | IK 08 | HIGH | >50.000 h | 5 YEARS WARRANTY

MEAN WELL

BP | AL INJ | PMMA TRAN | Ø60 mm | 1 | N WHITE | 100-240V 50-60Hz

LED OSRAM Neutral white 4000K

30W	16 LED	3.179 lm(N)		**80-2422-BP-37**
45W	20 LED	4.378 lm(N)		**80-2423-BP-37**
45W	20 LED	4.378 lm(N)	2N	**80-2425-BP-37**
45W	20 LED	4.378 lm(N)	2N TEMP	**80-2424-BP-37**
60W	28 LED	6.117 lm(N)		**80-8931-BP-37**

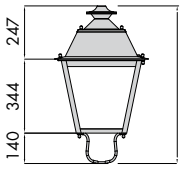
NEW

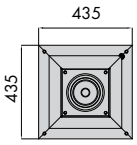


ANDALUCIA HID

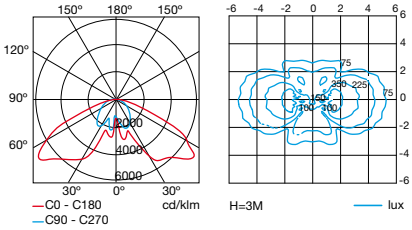
SYMMETRICAL

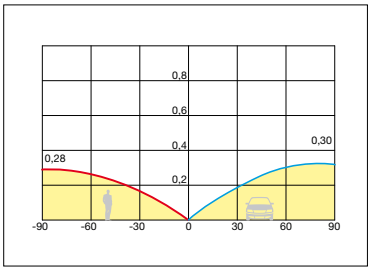


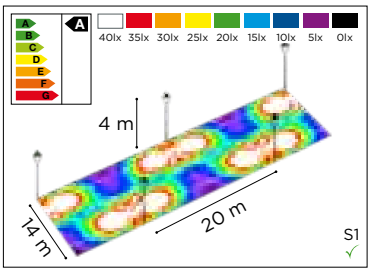




HPS 70W
ULOR INST = 1,00%







IP 23 | IP 65 | IK 08 | 3 YEARS GUARANTEE

VOSSLOH ELT

BP | AL INJ | PMMA TRAN | Ø60 mm | 1 + 1 | 230V 50Hz | CUT-OFF

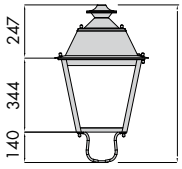
E-27			
WITHOUT GEAR			**80-4773-BP-37**
35W	MH		**80-4672-BP-37**
35W	MH		**80-4673-BP-37**
70W	HPS-MH		**80-4674-BP-37**
70W	HPS	2N	**80-4675-BP-37**
70W	HPS	2N TEMP	**80-4676-BP-37**
70W	HPS-MH		**80-4677-BP-37**
70W	HPS	2N	**80-4678-BP-37**
70W	HPS	2N TEMP	**80-4679-BP-37**
E-40			
WITHOUT GEAR			**80-4769-BP-37**
100W	HPS-MH		**80-4680-BP-37**
100W	HPS	2N	**80-4681-BP-37**
100W	HPS	2N TEMP	**80-4682-BP-37**
100W	HPS-MH		**80-4683-BP-37**
100W	HPS	2N	**80-4684-BP-37**
100W	HPS	2N TEMP	**80-4685-BP-37**
150W	HPS-MH		**80-4686-BP-37**
150W	HPS	2N	**80-4687-BP-37**
150W	HPS	2N TEMP	**80-4688-BP-37**
150W	HPS-MH		**80-4689-BP-37**
150W	HPS	2N	**80-4690-BP-37**
150W	HPS	2N TEMP	**80-4691-BP-37**
G-12			
70W	MH		**80-4811-BP-37**
70W	MH		**80-4812-BP-37**
100W	MH		**80-4813-BP-37**
100W	MH		**80-4814-BP-37**
150W	MH		**80-4815-BP-37**
150W	MH		**80-4816-BP-37**



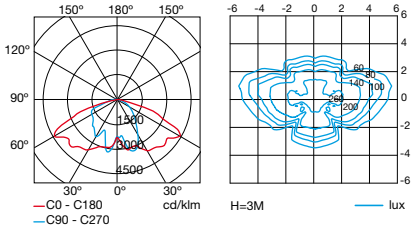
ANDALUCIA HID

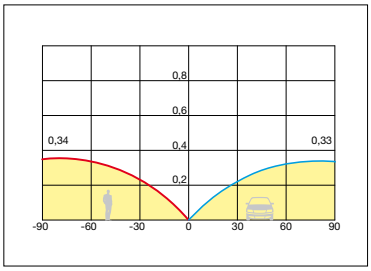
ASYMMETRICAL

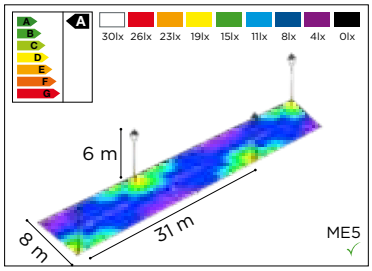




HPS 70W
ULOR INST = 1,00%







IP 23 | IP 65 | IK 08

VOSSLOH ELT

BP | AL INJ | PMMA TRAN | CUT-OFF

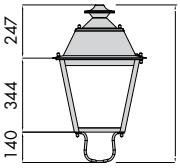
E-27			
WITHOUT GEAR			**80-4772-BP-37**
35W	MH		**80-4569-BP-37**
35W	MH		**80-4570-BP-37**
70W	HPS-MH		**80-4470-BP-37**
70W	HPS	2N	**80-4473-BP-37**
70W	HPS	2N TEMP	**80-4476-BP-37**
70W	HPS-MH		**80-4479-BP-37**
70W	HPS	2N	**80-4482-BP-37**
70W	HPS	2N TEMP	**80-4485-BP-37**
E-40			
WITHOUT GEAR			**80-4492-BP-37**
100W	HPS-MH		**80-4471-BP-37**
100W	HPS	2N	**80-4474-BP-37**
100W	HPS	2N TEMP	**80-4477-BP-37**
100W	HPS-MH		**80-4480-BP-37**
100W	HPS	2N	**80-4483-BP-37**
100W	HPS	2N TEMP	**80-4486-BP-37**
150W	HPS-MH		**80-4472-BP-37**
150W	HPS	2N	**80-4475-BP-37**
150W	HPS	2N TEMP	**80-4478-BP-37**
150W	HPS-MH		**80-4481-BP-37**
150W	HPS	2N	**80-4484-BP-37**
150W	HPS	2N TEMP	**80-4487-BP-37**
G-12			
70W	MH		**80-4805-BP-37**
70W	MH		**80-4806-BP-37**
100W	MH		**80-4807-BP-37**
100W	MH		**80-4808-BP-37**
150W	MH		**80-4809-BP-37**
150W	MH		**80-4810-BP-37**

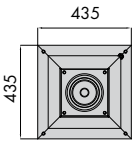
ANDALUCIA SOLAR

ASYMMETRICAL

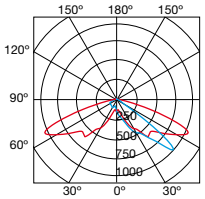
NEW

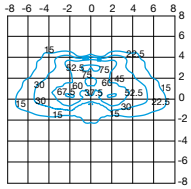


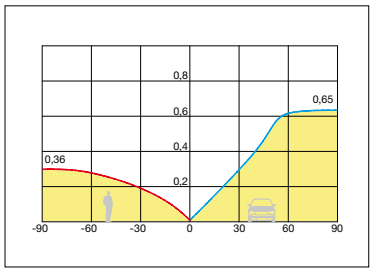


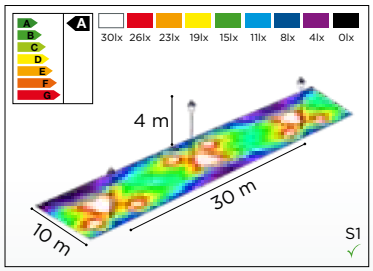


LED 45W
ULOR INST = 1,20%







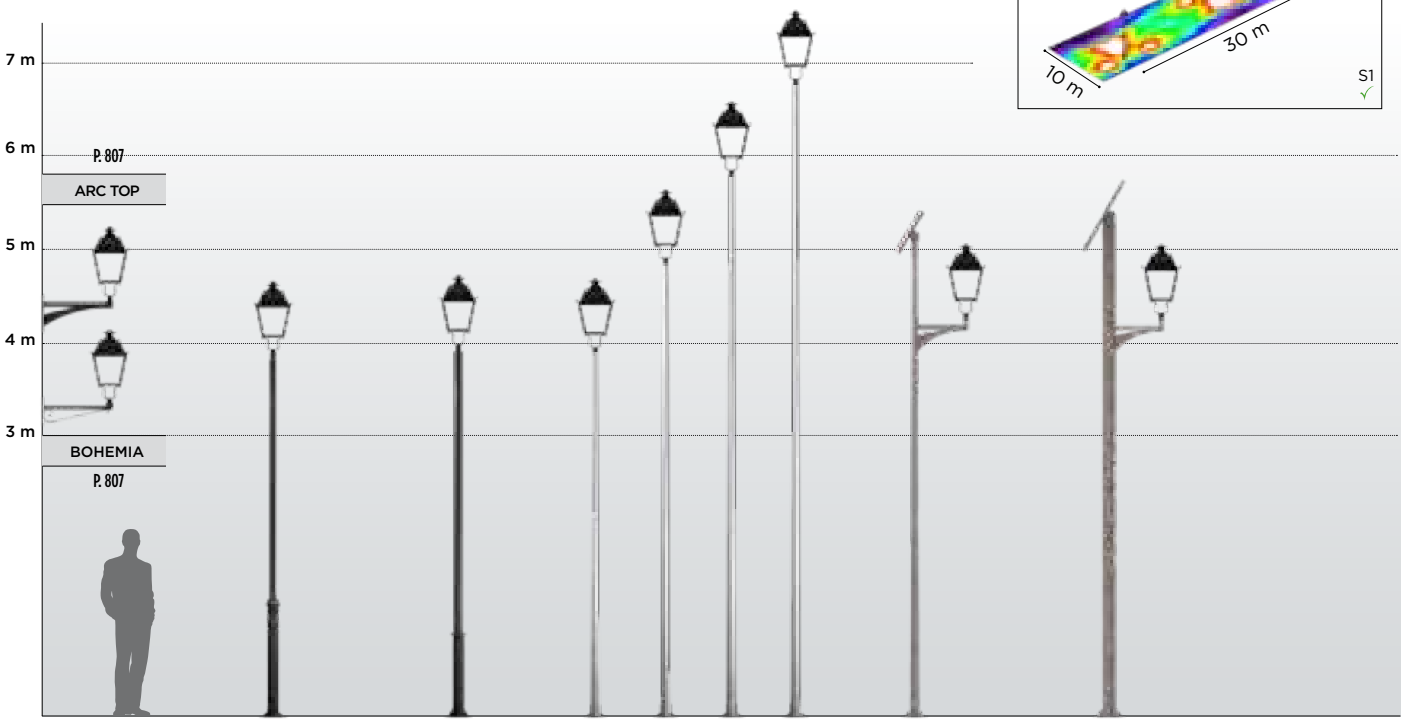


IP 23 | IP 66 | IK 08 | HIGH | >50.000 h

BP | AL INJ | GLA HARD DIF | Ø60 mm | 1 | N WHITE | 12V

LED OSRAM Neutral white 4000K

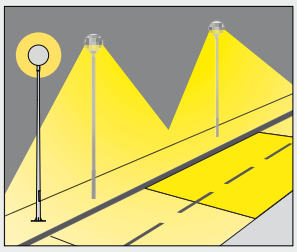
30W	20 LED	3.179 lm(N)	**80-3265-BP-37**
45W	20 LED	4.378 lm(N)	**80-3266-BP-37**
65W	28 LED	6.117 lm(N)	**80-3277-BP-37**

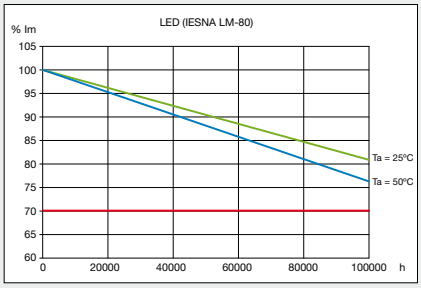


BOHEMIA	NIKOLSON	CONICAL	SOLAR-ECO TOP	SOLAR-TECH TOP
P. 805	P. 804	P. 801	P. 800	P. 800

BOHEMIA	4m	81-3123-BP-BP ■	71-4521-48-48	71-4524-48-48	71-4470-BP-BP ■	√	X	71-3148-48-48	X
NIKOLSON	4m	81-3145-BP-BP ■	71-4520-48-48	71-4524-48-48	71-4470-BP-BP ■	√	X	71-3128-48-48	X
CONICAL	7m	81-3149-AV-AV	71-4540-48-48	71-4525-48-48	71-4470-BP-BP ■	√	X	71-4531-48-48	X
	6m	81-4535-AV-AV	71-4539-48-48	71-4524-48-48	71-4470-BP-BP ■	√	X	71-4531-48-48	X
	5m	81-4534-AV-AV	71-4539-48-48	71-4524-48-48	71-4470-BP-BP ■	√	X	71-4531-48-48	X
	4m	81-3151-AV-AV	71-4520-48-48	71-4524-48-48	71-4470-BP-BP ■	√	X	71-4531-48-48	X
SOLAR-ECO TOP	5m	81-3256-AV-AV	71-4539-48-48	71-4524-48-48	71-4470-BP-BP ■	√	X	71-4531-48-48	P. 798
SOLAR-TECH TOP	5m	81-3255-AV-AV	71-4521-48-48	71-4525-48-48	71-4470-BP-BP ■	√	x	71-4531-48-48	P. 799
ARC TOP	ARM	82-3012-BP-BP ■			71-4470-BP-BP ■				
BOHEMIA	ARM	82-3124-BP-BP ■			71-4470-BP-BP ■				



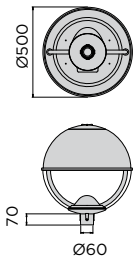



LED (IESNA LM-80)
% lm
105
100
95
90
85
80
75
70
65
60
0
20000
40000
60000
80000
100000
h
Ta = 25°C
Ta = 50°C

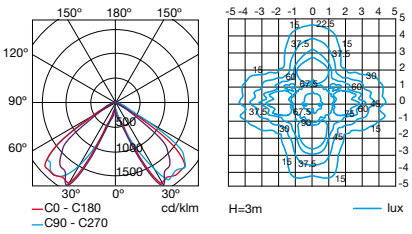
NEOBOLA LED

SYMMETRICAL





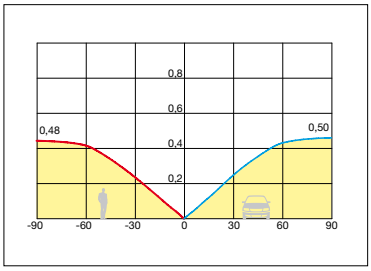
LED 45W
ULOR INST = 1,58%



IP 64 | IP 66 | IK 08 | HIGH | >50.000 h | 3 YEARS WARRANTY EXTENDED

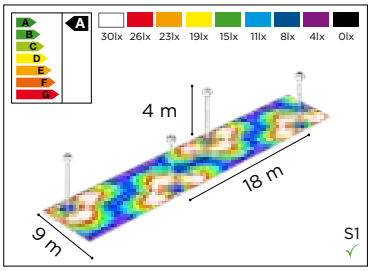
MEAN WELL

AU | AL | GLA HARD DIF | PMMA TRAN | Ø60 mm | 1 | N WHITE | 100-240V 50-60Hz | R



LED OSRAM Neutral white 4000K

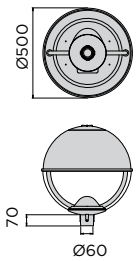
30W	16 LED	3.103 lm(N)		**80-2434-AU-M2**
45W	20 LED	4.283 lm(N)		**80-2435-AU-M2**
45W	20 LED	4.283 lm(N)	2N	**80-2437-AU-M2**
45W	20 LED	4.283 lm(N)	2N TEMP	**80-2436-AU-M2**
65W	28 LED	5.970 lm(N)		**80-8932-AU-M2** NEW



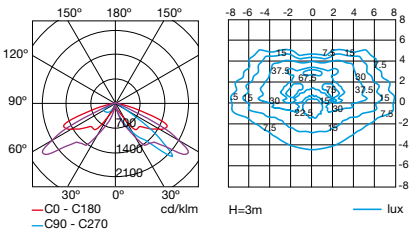
NEOBOLA LED

ASYMMETRICAL





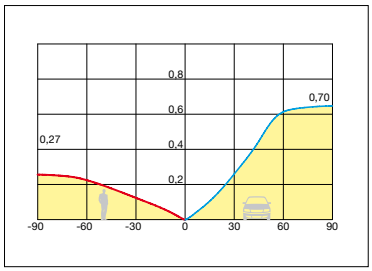
LED 45W
ULOR INST = 1,58%



IP 64 | IP 66 | IK 08 | HIGH | >50.000 h | 3 YEARS WARRANTY EXTENDED

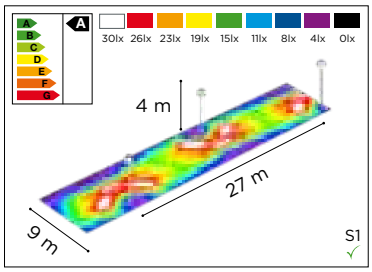
MEAN WELL

AU | AL | GLA HARD DIF | PMMA TRAN | Ø60 mm | 1 | N WHITE | 100-240V 50-60Hz | R



LED OSRAM Neutral white 4000K

30W	16 LED	3.179 lm(N)		**80-2430-AU-M2**
45W	20 LED	4.379 lm(N)		**80-2431-AU-M2**
45W	20 LED	4.379 lm(N)	2N	**80-2433-AU-M2**
45W	20 LED	4.379 lm(N)	2N TEMP	**80-2432-AU-M2**
65W	28 LED	6.117 lm(N)		**80-8933-AU-M2** NEW

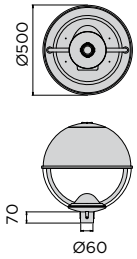




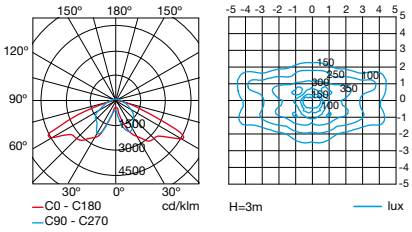
NEOBOLA HID

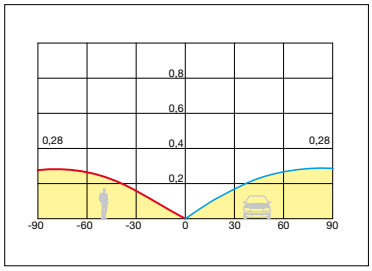
ASYMMETRICAL

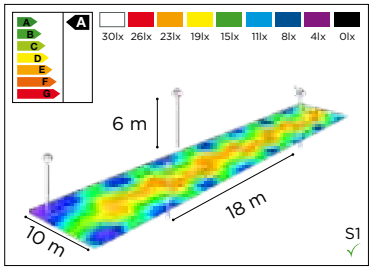




HPS 70W
ULOR INST = 1,58%







IP 64 | IP 66 | IK 08 | 3 YEARS WARRANTY EXTENDED

VOSSLOH ELT

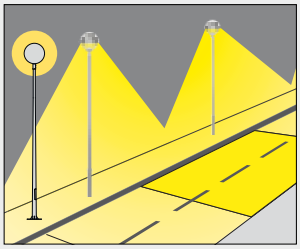
AU | AL | GLA HARD DIF | PMMA TRAN | Ø60 mm | 230V 50Hz | CUT-OFF | R

E-27			
35W	MH		**80-4571-AU-M2**
35W	MH		**80-4572-AU-M2**
70W	HPS - MH		**80-3125-AU-M2**
70W	HPS	2N	**80-3129-AU-M2**
70W	HPS	2N TEMP	**80-3134-AU-M2**
70W	HPS - MH		**80-3138-AU-M2**
70W	HPS	2N	**80-3142-AU-M2**
70W	HPS	2N TEMP	**80-3146-AU-M2**
E-40			
100W	HPS - MH		**80-3126-AU-M2**
100W	HPS	2N	**80-3130-AU-M2**
100W	HPS	2N TEMP	**80-3135-AU-M2**
100W	HPS - MH		**80-3139-AU-M2**
100W	HPS - MH	2N	**80-3143-AU-M2**
100W	HPS	2N TEMP	**80-3147-AU-M2**
150W	HPS - MH		**80-3127-AU-M2**
150W	HPS	2N	**80-3131-AU-M2**
150W	HPS	2N TEMP	**80-3136-AU-M2**
150W	HPS - MH		**80-3141-AU-M2**
150W	HPS	2N	**80-3144-AU-M2**
150W	HPS	2N TEMP	**80-3149-AU-M2**
G-12			
70W	MH		**80-4817-AU-M2**
70W	MH		**80-4818-AU-M2**
100W	MH		**80-4819-AU-M2**
100W	MH		**80-4820-AU-M2**
150W	MH		**80-4821-AU-M2**
150W	MH		**80-4822-AU-M2**
PGZ-12			
45W	COSMOWHITE PHILIPS	230V 50-60Hz	**80-4605-AU-M2**
60W	COSMOWHITE PHILIPS	230V 50-60Hz	**80-4606-AU-M2**
90W	COSMOWHITE PHILIPS	230V 50-60Hz	**80-4607-AU-M2**





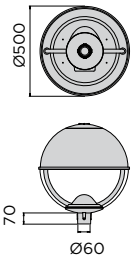




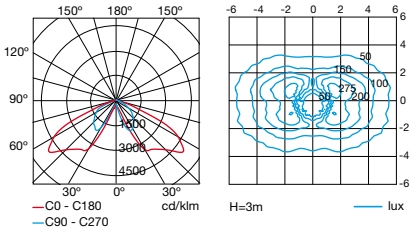
NEOBOLA HID

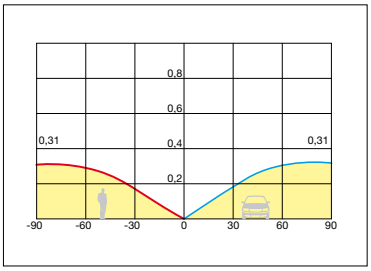
SYMMETRICAL

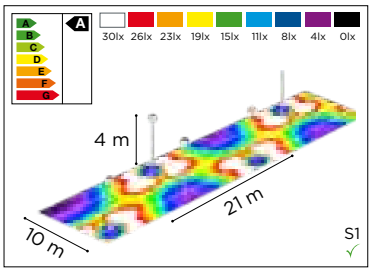




HPS 70W
ULOR INST = 1,58%







IP 64 | IP 66 | IK 08 | 3 YEARS WARRANTY

VOSSLOH ELT

AU | AL | GLA HARD DIF | PMMA TRAN | Ø60 mm | 230V 50Hz | CUT-OFF | R

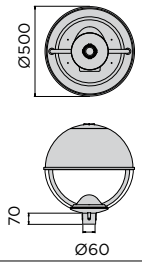
E-27			
35W	MH		**80-4703-AU-M2**
35W	MH		**80-4704-AU-M2**
70W	HPS - MH		**80-4705-AU-M2**
70W	HPS	2N	**80-4706-AU-M2**
70W	HPS	2N TEMP	**80-4707-AU-M2**
70W	HPS - MH		**80-4708-AU-M2**
70W	HPS	2N	**80-4709-AU-M2**
70W	HPS	2N TEMP	**80-4710-AU-M2**
E-40			
100W	HPS - MH		**80-4711-AU-M2**
100W	HPS	2N	**80-4712-AU-M2**
100W	HPS	2N TEMP	**80-4713-AU-M2**
100W	HPS - MH		**80-4714-AU-M2**
100W	HPS - MH	2N	**80-4715-AU-M2**
100W	HPS	2N TEMP	**80-4716-AU-M2**
150W	HPS - MH		**80-4717-AU-M2**
150W	HPS	2N	**80-4718-AU-M2**
150W	HPS	2N TEMP	**80-4719-AU-M2**
150W	HPS - MH		**80-4720-AU-M2**
150W	HPS	2N	**80-4721-AU-M2**
150W	HPS	2N TEMP	**80-4722-AU-M2**
G-12			
70W	MH		**80-4823-AU-M2**
70W	MH		**80-4824-AU-M2**
100W	MH		**80-4825-AU-M2**
100W	MH		**80-4826-AU-M2**
150W	MH		**80-4827-AU-M2**
150W	MH		**80-4828-AU-M2**
PGZ-12			
45W	COSMOWHITE	PHILIPS 230V 50-60Hz	**80-4700-AU-M2**
60W	COSMOWHITE	PHILIPS 230V 50-60Hz	**80-4701-AU-M2**
90W	COSMOWHITE	PHILIPS 230V 50-60Hz	**80-4702-AU-M2**

NEOBOLA SOLAR

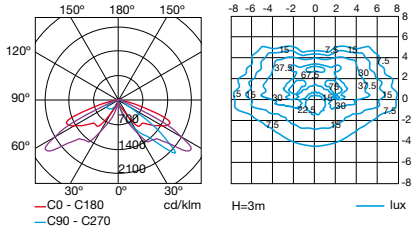
ASYMMETRICAL

NEW



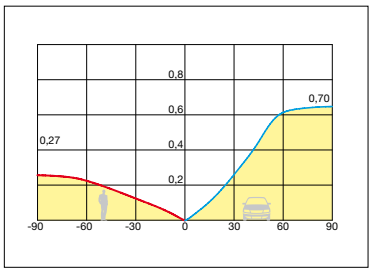


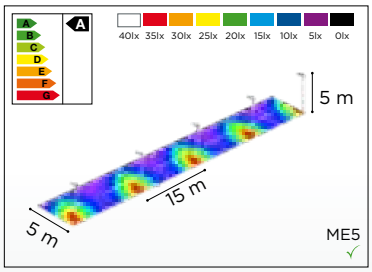
LED 45W
ULOR INST = 1,58%



IP 64 | IP 66 | IK 08 | HIGH | >50.000 h

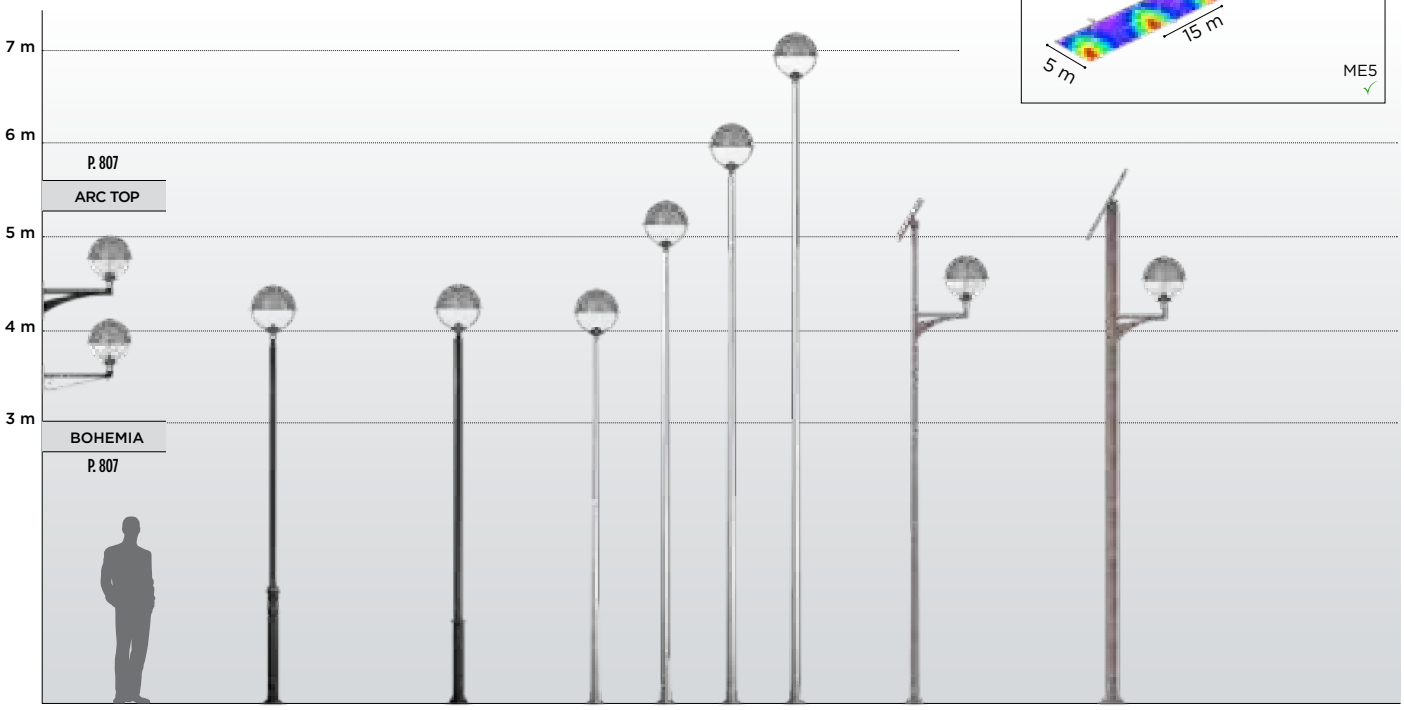
AU | AL INJ | GLA HARD DIF | Ø60 mm | N WHITE | 12V





LED OSRAM Neutral white 4000K

30W	20 LED	3.179 lm(N)	**80-3269-AU-M2**
45W	20 LED	4.379 lm(N)	**80-3270-AU-M2**
65W	28 LED	6.117 lm(N)	**80-3278-AU-M2**



BOHEMIA	NIKOLSON	CONICAL	SOLAR-ECO TOP	SOLAR-TECH TOP
P. 805	P. 804	P. 801	P. 800	P. 800

BOHEMIA	4m	81-3123-BP-BP ■	71-4521-48-48	71-4524-48-48	√	X	71-3148-48-48	X
NIKOLSON	4m	81-3145-BP-BP ■	71-4520-48-48	71-4524-48-48	√	X	71-3128-48-48	X
CONICAL	7m	81-3149-AV-AV ▥	71-4540-48-48	71-4525-48-48	√	X	71-4531-48-48	X
	6m	81-4535-AV-AV ▥	71-4539-48-48	71-4524-48-48	√	X	71-4531-48-48	X
	5m	81-4534-AV-AV ▥	71-4539-48-48	71-4524-48-48	√	X	71-4531-48-48	X
	4m	81-3151-AV-AV ▥	71-4520-48-48	71-4524-48-48	√	X	71-4531-48-48	X
SOLAR-ECO TOP	5m	81-3256-AV-AV ■	71-4539-48-48	71-4524-48-48	√	x	71-4531-48-48	P. 798
SOLAR-TECH TOP	5m	81-3255-AV-AV ■	71-4521-48-48	71-4525-48-48	√	x	71-4531-48-48	P. 799
ARC TOP	ARM	82-3012-BP-BP ■						
BOHEMIA	ARM	82-3124-BP-BP ■						

Cambie a fuente de luz led sin sustituir la luminaria y benefíciese de las ventajas de la tecnología led.

Change to led light source without replacing the luminaire and benefit from the advantages of led technology.

Passez à une source lumineuse led sans changer de luminaire et profitez des avantages de la technologie led.

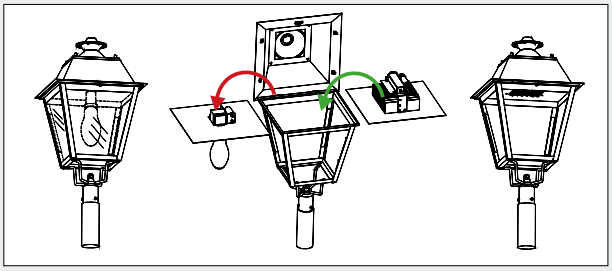
Zum wechsel der led-lichtquelle ohne auswechseln der leuchte, um die vorteile der led-technologie zu nutzen.

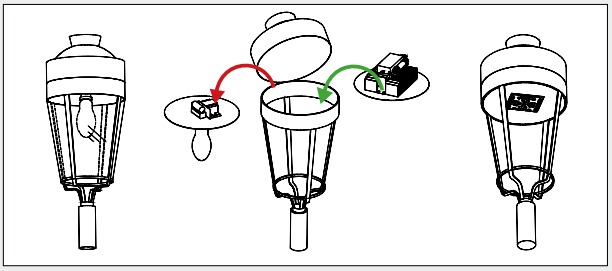
Cambia e scegli una fonte di luce led senza sostituire la lampada e beneficia dei vantaggi della tecnologia led.

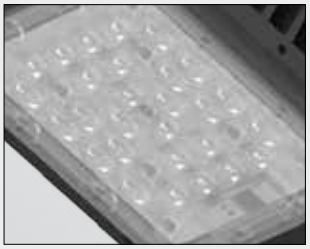
Troque a fonte de luz led sem substituir a luminária e beneficie das vantagens da tecnologia led.

Перейдите на светоизлучающие диоды без замены светильников и воспользуйтесь преимуществами светодиодных технологий.

Przejdź na źródło światła opartego na diodach bez wymieniania oprawy oświetleniowej i skorzystaj z zalet technologii led.













LED KIT

SYMMETRICAL

IP 66 | HIGH | >50.000 h | 3 YEARS GUARANTEE

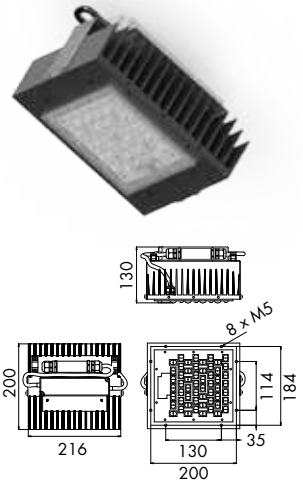
MEAN WELL

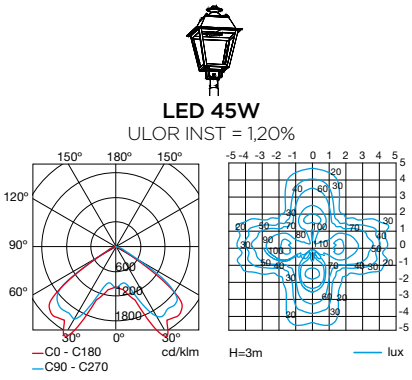
05 | AL | PMMA TRAN | 1 | N WHITE | 100-240V 50-60Hz | ®

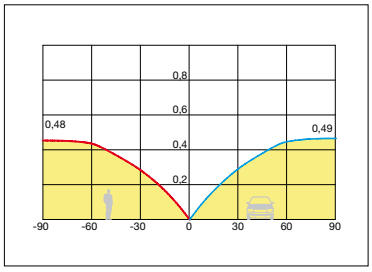
LED OSRAM Neutral white 4000K

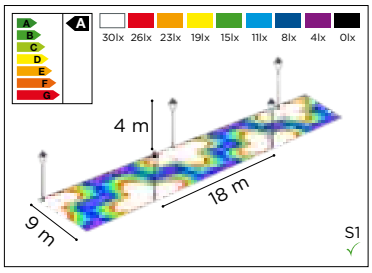
30W	16 LED	3.103 lm(N)	**71-2474-05-M2** (1)	■
45W	20 LED	4.283 lm(N)	**71-1938-05-M2** (1)	■
65W	28 LED	5.970 lm(N)	**71-2654-05-M2** (1)	■

NEW









LED KIT

ASYMMETRICAL

IP 66 | HIGH | >50.000 h | 3 YEARS GUARANTEE

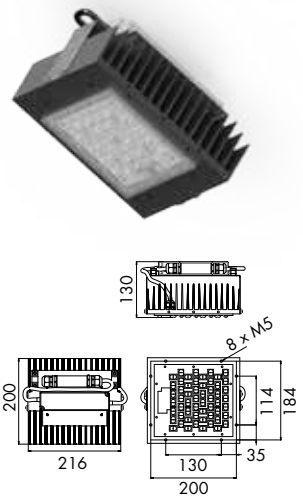
MEAN WELL

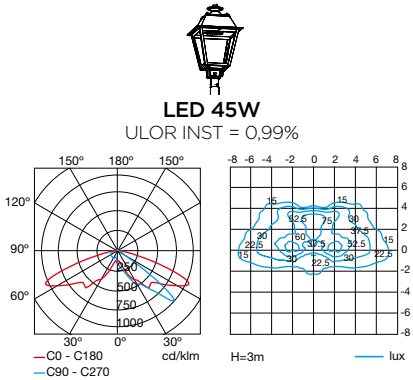
05 | AL | PMMA TRAN | 1 | N WHITE | 100-240V 50-60Hz | ®

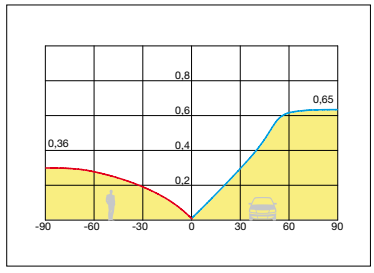
LED OSRAM Neutral white 4000K

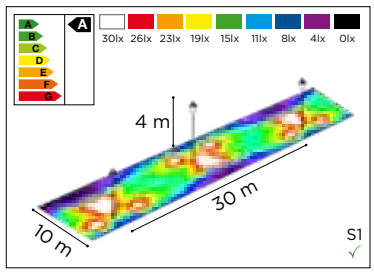
30W	16 LED	3.179 lm(N)	**71-2473-05-M2** (1)	■
45W	20 LED	4.379 lm(N)	**71-1939-05-M2** (1)	■
65W	28 LED	6.117 lm(N)	**71-2625-05-M2** (1)	■

NEW



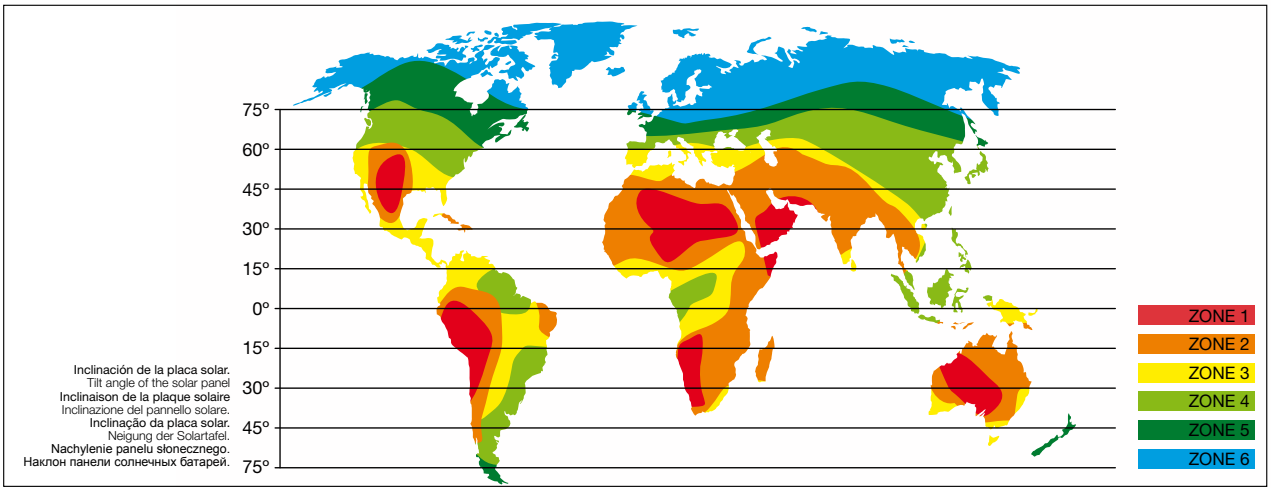






(1)NOTA: EL PRECIO NO INCLUYE LA CHAPA METÁLICA PARA ADAPTAR EL KIT LED A LA LUMINARIA DEL CLIENTE.
(1) NOTE: THE PRICE DOES NOT INCLUDE THE METAL PLATE TO ADAPT THE LED KIT TO THE CLIENT'S LUMINAIRE.
(1) N. B. : LE PRIX NE COMPREND PAS LA PLAQUE MÉTALLIQUE NÉCESSAIRE POUR ADAPTER LE KIT LED AU LUMINAIRE DU CLIENT.
(1) HINWEIS: IM PREIS NICHT ENTHALTEN IST DAS METALLBLECH ZUR ANPASSUNG DES LED-KITS AN DIE LEUCHTE DES KUNDEN.
(1) NOTA: IL PREZZO NON COMPRENDE LA LASTRA METALLICA PER ADATTARE IL KIT LED ALLA LUCE DEL CLIENTE.
(1) NOTA: O PREÇO NÃO INCLUI A CHAPA METÁLICA PARA ADAPTAR O KIT LED À LUMINÁRIA DO CLIENTE.
(1) ПРИМЕЧАНИЕ: В ЦЕНУ НЕ ВКЛЮЧЕНА МЕТАЛЛИЧЕСКАЯ ПЛАСТИНА ДЛЯ АДАПТАЦИИ СВЕТОДИОДНЫХ КОМПЛЕКТОВ К СВЕТИЛЬНИКАМ КЛИЕНТА.
(1) UWAGA: CENA NIE OBEJMUJE METALOWEJ BLACHY DO DOSTOSOWANIA ZESTAWU LED DO OPRAWY OŚWIETLENIOWEJ KLIENTA.

Zonas según radiación solar anual media (kWh/m²)
Zones by average annual solar radiation (KWh/m²)
Zones en fonction de la radiation solaire annuelle moyenne (kWh/m²)
Zone in base alla radiazione solare media annua (kWh/m²)
Zonas segundo a radiação solar anual média (kWh/m²)
Bereiche nach durchschnittlicher jährlicher Sonneneinstrahlung (kWh/m²)
Strefy w zależności od średniego rocznego promieniowania słonecznego (kWh/m²)
Зоны в соответствии со среднегодовой солнечной радиацией (Квтч/м²)



Inclinación de la placa solar.
Tilt angle of the solar panel
Inclinaison de la plaque solaire
Inclinazione del pannello solare.
Inclinação da placa solar.
Neigung der Solartafel.
Nachylenie panelu słonecznego.
Наклон панели солнечных батарей.

SOLAR-ECO® KIT NEW

CABEZALES COMPATIBLES
COMPATIBLE HEADS
TÊTES COMPATIBLES
KOMPATIBLE KÖPFE
TESTATE COMPATIBILI
CABEÇAS COMPATÍVEIS
СОВМЕСТИМЫЕ ГОЛОВКИ
KOMPATYBILNE GŁOWICE


ESENCIAL


ELIPSE


MERIDIAN


BOHEMIA


ANDALUCIA


NEOBOLA





El código incluye un panel fotovoltaico con soporte regulable y un armario anti-vandálico con batería y controlador.

Autonomía de dos días. Cinco posibilidades de regulación: 2h, 4h, 6h, "3h + apagado + 1h" y "4h + apagado + 2h". Batería con 700 ciclos de carga garantizados.

The code includes a photovoltaic panel with adjustable support and an anti-vandal cabinet with battery and controller.

Two-day autonomy. Five possible settings: 2h, 4h, 6h, "3h + off + 1h" and "4h + off + 2h". Battery with 700 charge cycles guaranteed.

Le produit comprend un panneau photovoltaïque avec support réglable et une armoire antivandalisme munie d'une batterie et d'un contrôleur.

Deux jours d'autonomie. Cinq possibilités de réglage : 2 h, 4 h, 6 h, « 3 h + éteint + 1 h » et « 4 h + éteint + 2 h ». Batterie garantissant 700 cycles de charge.

Il codice comprende un pannello fotovoltaico con supporto regolabile e un armadio antivandalo con batteria e regolatore.

Autonomia di due giorni. Cinque possibilità di regolazione: 2h, 4h, 6h, "3h + spento + 1h" e "4h + spento + 2h". Batteria con 700 cicli di carica garantiti.

O código inclui um painel fotovoltaico com suporte regulável e um armário antivandalismo com bateria e controlador.

Autonomia de dois dias. Cinco possibilidades de regulação: 2 h, 4 h, 6 h, "3 h + apagado + 1 h" e "4 h + apagado + 2 h". Bateria com 700 ciclos de carga garantidos.

Zum Lieferumfang des Artikels gehört eine Solartafel mit regulierbarer Halterung und ein vandalismussicherer Schaltschrank mit Akku und Steuerung.

Zwei Tage Betriebsautonomie. Fünf Einstelloptionen: 2Std., 4Std., 6 Std., "3Std. + Aus + 1Std." und "4Std. + Aus + 2Std.". Akku mit garantierten 700 Ladezyklen.

КОМПЛЕКТ АРТИКУЛА ВКЛЮЧАЕТ В СЕБЯ ФОТОЭЛЕКТРИЧЕСКИЕ ПАНЕЛИ С РЕГУЛИРУЕМЫМ КРОНШТЕЙНОМ И ШКАФ С ЗАЩИТОЙ ОТ ВАНДАЛОВ С АККУМУЛЯТОРОМ И КОНТРОЛЛЕРОМ.

ДВУХДНЕВНАЯ АВТОНОМНАЯ РАБОТА. ПЯТЬ ВОЗМОЖНЫХ НАСТРОЕК: 2 Ч, 4 , 6 Ч, "3 Ч + ВЫКЛ + 1 Ч" И "4 Ч + ВЫКЛ + 2 Ч". АККУМУЛЯТОР С ГАРАНТИРОВАННЫМ КОЛИЧЕСТВОМ ЦИКЛОВ ЗАРЯДКИ (700 ЦИКЛОВ).

TEN KOD OBEJMUJE PANEL FOTOWOLTAICZNY Z REGULOWANYM WSPORNIKIEM ORAZ SZAFĘ ANTYWŁAMANIOWĄ Z BATERIĄ I NASTAWNIKIEM.

AUTONOMIA PRZEZ DWA DNI. PIĘĆ MOŻLIWOŚCI REGULACJI: 2H, 4H, 6H, "3H + WYGASZANIE + 1H" I "4H + WYGASZANIE + 2H". BATERIA O ZAGWARANTOWANYCH 700 CYKLACH ŁADOWANIA.

	30W	45W
	2	2
ZONE 1	71-3255-00-00 (100%)*	71-3256-00-00 (100%)*
ZONE 2	71-3255-00-00 (100%)*	71-3256-00-00 (100%)*
ZONE 3	71-3255-00-00 (100%)*	71-3256-00-00 (100%)*
ZONE 4	71-3257-00-00 (100%)*	71-3256-00-00 (100%)*

SOLAR-TECH® KIT NEW

CABEZALES COMPATIBLES
COMPATIBLE HEADS
TÊTES COMPATIBLES
KOMPATIBLE KÖPFE
TESTATE COMPATIBILI
CABEÇAS COMPATÍVEIS
СОВМЕСТИМЫЕ ГОЛОВКИ
KOMPATYBILNE GŁOWICE


ESENCIAL


ELIPSE


MERIDIAN


BOHEMIA


ANDALUCIA


NEOBOLA



El código incluye un panel fotovoltaico con soporte regulable y un armario anti-vandálico con batería y controlador.

Regulación por mppt. Compatible con sensor de presencia, comunicación rf y alimentación por red eléctrica. Reloj astronómico interno. Función "nunca apagado". Fusibles integrados y led de control de estado. Batería con 1.500 Ciclos de carga garantizados.

The code includes a photovoltaic panel with adjustable support and an anti-vandal cabinet with battery and controller.

Mppt regulation. Compatible with presence detector, rf communication and power via mains supply. Internal astronomical clock. "Never off" function. Integrated fuses and status control leds. Battery with 1500 charge cycles guaranteed.

Le produit comprend un panneau photovoltaïque avec support réglable et une armoire antivandalisme munie d'une batterie et d'un contrôleur.

Réglage par mppt. Compatible avec détecteur de présence, communication rf et alimentation par réseau électrique. Horloge astronomique interne. Fonction « jamais éteint ». Fusibles intégrés et led de contrôle d'état. Batterie garantissant 1 500 cycles de charge.

Il codice comprende un pannello fotovoltaico con supporto regolabile e un armadio antivandalo con batteria e regolatore.

Regolazione per mppt. Compatibile con sensore di presenza, comunicazione rf e alimentazione tramite rete elettrica. Orologio astronomico interno. Funzione "mai spento". Fusibili integrati e led di controllo di stato. Batteria con 1500 cicli di carica garantiti.

O código inclui um painel fotovoltaico com suporte regulável e um armário antivandalismo com bateria e controlador.

Regulação por mppt. Compatível com sensor de presença, comunicação rf e alimentação por rede elétrica. Relógio astronómico interno. Função "nunca apagado". Fusíveis integrados e led de controlo de estado. Bateria com 1500 ciclos de carga garantidos.

Zum Lieferumfang des Artikels gehört eine Solartafel mit regulierbarer Halterung und ein vandalismussicherer Schaltschrank mit Akku und Steuerung.

Regulierung per mppt. Kompatibel mit anwesenheitssensor, funkdatenübertragung und anschluss ans stromnetz. Mit integrierter astronomischer uhr. Immeran-funktion. Mit integrierten sicherungen und led zur statuskontrolle. Akku mit garantierten 1500 ladezyklen.

КОМПЛЕКТ АРТИКУЛА ВКЛЮЧАЕТ В СЕБЯ ФОТОЭЛЕКТРИЧЕСКИЕ ПАНЕЛИ С РЕГУЛИРУЕМЫМ КРОНШТЕЙНОМ И ШКАФ С ЗАЩИТОЙ ОТ ВАНДАЛОВ С АККУМУЛЯТОРОМ И КОНТРОЛЛЕРОМ.

РЕГУЛИРОВКА С ПОМОЩЬЮ MPPT. СОВМЕСТИМОСТЬ С ДАТЧИКОМ ПРИСУТСТВИЯ, РАДИОСВЯЗЬЮ И ЭЛЕКТРИЧЕСКОЙ СЕТЬЮ ПИТАНИЯ. ВНУТРЕННИЕ АСТРОНОМИЧЕСКИЕ ЧАСЫ. ФУНКЦИЯ " НИКОГДА НЕ ВЫКЛЮЧЕН". ВСТРОЕННЫЕ ПРЕДОХРАНИТЕЛИ И СВЕТОДИОД КОНТРОЛЯ СОСТОЯНИЯ. АККУМУЛЯТОР С ГАРАНТИРОВАННЫМ КОЛИЧЕСТВОМ ЦИКЛОВ ЗАРЯДКИ 1.500.

TEN KOD OBEJMUJE PANEL FOTOWOLTAICZNY Z REGULOWANYM WSPORNIKIEM ORAZ SZAFĘ ANTYWŁAMANIOWĄ Z BATERIĄ I NASTAWNIKIEM.

REGULACJA ZA POMOCĄ MPPT. KOMPATYBILNA Z CZUJNIKIEM OBECNOŚCI, ŁĄCZNOŚĆ CZĘSTOTLIWOŚCIĄ RADIOWĄ I ZASILANIE Z SIECI ELEKTRYCZNEJ. WEWNĘTRZNY ZEGAR ASTRONOMICZNY. FUNKCJA "NIGDY NIEWYŁĄCZONY". WBUDOWANE BEZPIECZNIKI I LED KONTROLI STANU. BATERIA O ZAGWARANTOWANYCH 1500 CYKLACH ŁADOWANIA.

	30W		45W		65W
	3	6	2	4	3
ZONE 1	71-2468-00-00 (100%)*	71-2467-00-00 (100%)*	71-2468-00-00 (85%)*	71-2467-00-00 (85%)*	71-4768-00-00 (95%)*
ZONE 2	71-2468-00-00 (95%)*	71-2467-00-00 (95%)*	71-4769-00-00 (100%)*	71-4768-00-00 (100%)*	71-4768-00-00 (85%)*
ZONE 3	71-2468-00-00 (90%)*	71-2467-00-00 (90%)*	71-4769-00-00 (95%)*	71-4768-00-00 (95%)*	71-2509-00-00 (100%)*
ZONE 4	71-4769-00-00 (100%)*	71-4768-00-00 (100%)*	71-4769-00-00 (90%)*	71-4768-00-00 (90%)*	71-2509-00-00 (85%)*
ZONE 5	71-4769-00-00 (90%)*	71-4768-00-00 (90%)*	71-2508-00-00 (90%)*	71-2509-00-00 (90%)*	

***PROMEDIO DE FLUJO LUMÍNICO ANUAL GARANTIZADO.**
*AVERAGE ANNUAL LUMINOUS FLUX GUARANTEED.
***MOYENNE DE FLUX LUMINEUX ANNUEL GARANTI.**
*GARANTIERER JÄHRLICHER DURCHSCHNITTSLICHTFLUSS.
***MEDIA DI FLUSSO LUMINOSO ANNUO GARANTITA.**
*MÉDIA DE FLUXO LUMINOSO ANUAL GARANTIDA.
***ГАРАНТИРОВАННЫЙ СРЕДНИЙ ГОДОВОЙ СВЕТОВОЙ ПОТОК.**
*ZAGWARANTOWANA ŚREDNIA ROCZNA STRUMIENIA ŚWIETLNEGO.

SOLAR NEW

AV | AC FUND | IK 10 | 5m

CABEZALES COMPATIBLES
COMPATIBLE HEADS
TÊTES COMPATIBLES
KOMPATIBLE KÖPFE
TESTATE COMPATIBILI
CABEÇAS COMPATÍVEIS
СОВМЕСТИМЫЕ ГОЛОВКИ
KOMPATYBILNE GŁOWICE

Ø60 mm LATERAL



ESENCIAL



ELIPSE

Ø60 mm TOP



MERIDIAN



NEOBOLA



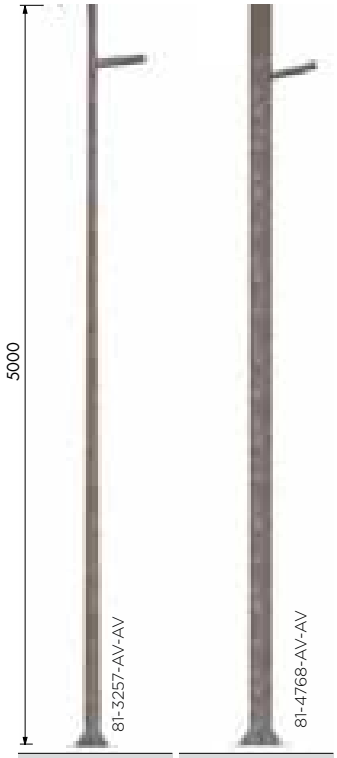
ANDALUCIA (1)



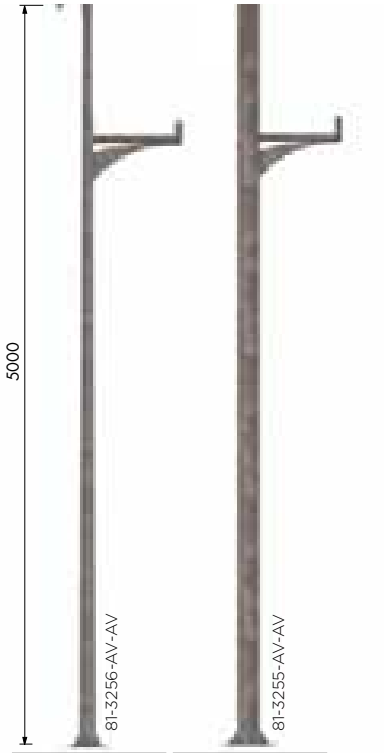
BOHEMIA

(1)

71-4470-BP-BP ■



SOLAR-ECO LATERAL | SOLAR-TECH LATERAL



SOLAR-ECO TOP | SOLAR-TECH TOP

SOLAR-ECO LATERAL	5m	81-3257-AV-AV ■	71-4539-48-48	71-4524-48-48	√	X	71-4531-48-48	P. 798
SOLAR-TECH LATERAL	5m	81-4768-AV-AV ■	71-4521-48-48	71-4525-48-48	√	X	71-4531-48-48	P. 799
SOLAR-ECO TOP	5m	81-3256-AV-AV ■	71-4539-48-48	71-4524-48-48	√	X	71-4531-48-48	P. 798
SOLAR-TECH TOP	5m	81-3255-AV-AV ■	71-4521-48-48	71-4525-48-48	√	X	71-4531-48-48	P. 799

CONICAL

AV | AC FUND | IK 10 | 4-10m | Ø60 mm

CABEZALES COMPATIBLES

COMPATIBLE HEADS

TÊTES COMPATIBLES

KOMPATIBLE KÖPFE

TESTATE COMPATIBILI

CABEÇAS COMPATÍVEIS

СОВМЕСТИМЫЕ ГОЛОВКИ

KOMPATYBILNE GŁOWICE



MERIDIAN



ESENCIAL [1]



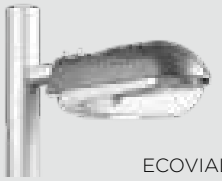
ESENCIAL HP



ROADWAY



MINI ROADWAY



ECOVIAL [1]



GAVINA



ELIPSE



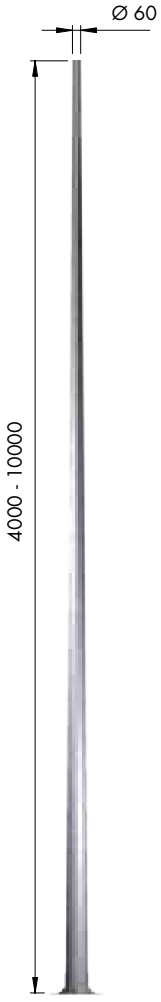
NEOBOLA



ANDALUCIA [2]



BOHEMIA



CONICAL	10m	81-4538-AV-AV	71-4541-48-48	71-4525-48-48	71-4531-48-48
	9m	81-4537-AV-AV	71-4540-48-48	71-4525-48-48	71-4531-48-48
	8m	81-4536-AV-AV	71-4540-48-48	71-4525-48-48	71-4531-48-48
	7m	81-3149-AV-AV	71-4540-48-48	71-4525-48-48	71-4531-48-48
	6m	81-4535-AV-AV	71-4539-48-48	71-4524-48-48	71-4531-48-48
	5m	81-4534-AV-AV	71-4539-48-48	71-4524-48-48	71-4531-48-48
	4m	81-3151-AV-AV	71-4520-48-48	71-4524-48-48	71-4531-48-48

(1)

71-4554-AV-AV 71-4555-AV-AV

(2)

71-4470-BP-BP ■

CYLINDRICAL

AV AU AC FUND IK 10 5-7m Ø60 mm

CABEZALES COMPATIBLES

COMPATIBLE HEADS

TÊTES COMPATIBLES

KOMPATIBLE KÖPFE

TESTATE COMPATIBILI

CABEÇAS COMPATÍVEIS

СОВМЕСТИМЫЕ ГОЛОВКИ

KOMPATYBILNE GŁOWICE



ESENCIAL



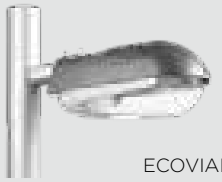
ESENCIAL HP



ROADWAY



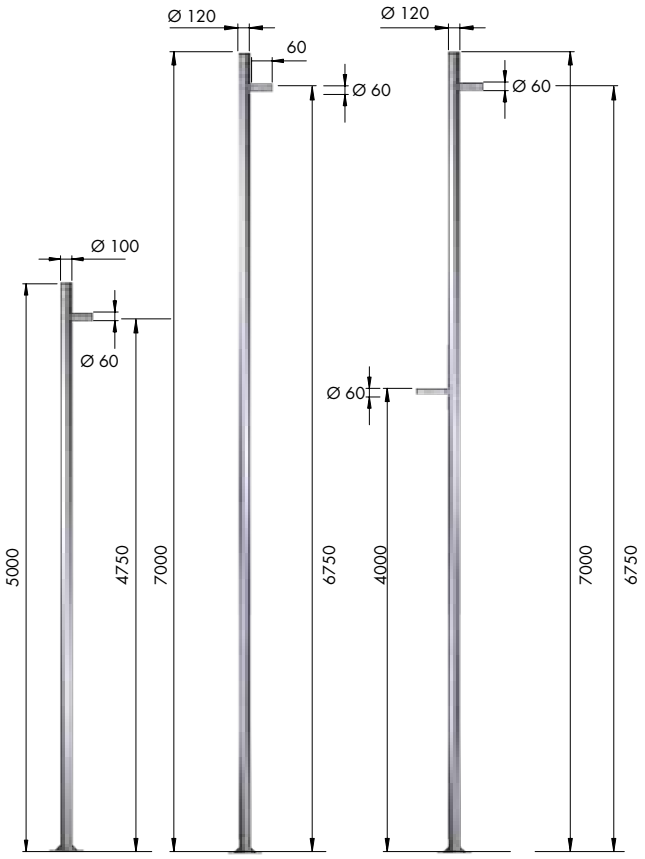
MINI ROADWAY



ECOVIAL



ELIPSE



CYLINDRICAL	4+7m	81-3133-AU-AU	71-4522-48-48	71-4525-48-48	71-3128-48-48
	7m	81-3132-AU-AU	71-4522-48-48	71-4525-48-48	71-3128-48-48
	5m	81-3128-AU-AU	71-4539-48-48	71-4524-48-48	71-3128-48-48

SQUADRA

AV BP AC FUND IK 10 6-9m Ø60 mm

CABEZALES COMPATIBLES

COMPATIBLE HEADS

TÊTES COMPATIBLES

KOMPATIBLE KÖPFE

TESTATE COMPATIBILI

CABEÇAS COMPATÍVEIS

СОВМЕСТИМЫЕ ГОЛОВКИ

KOMPATYBILNE GŁOWICE



ESENCIAL



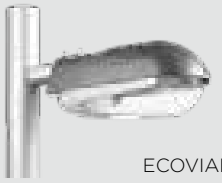
ESENCIAL HP



ROADWAY



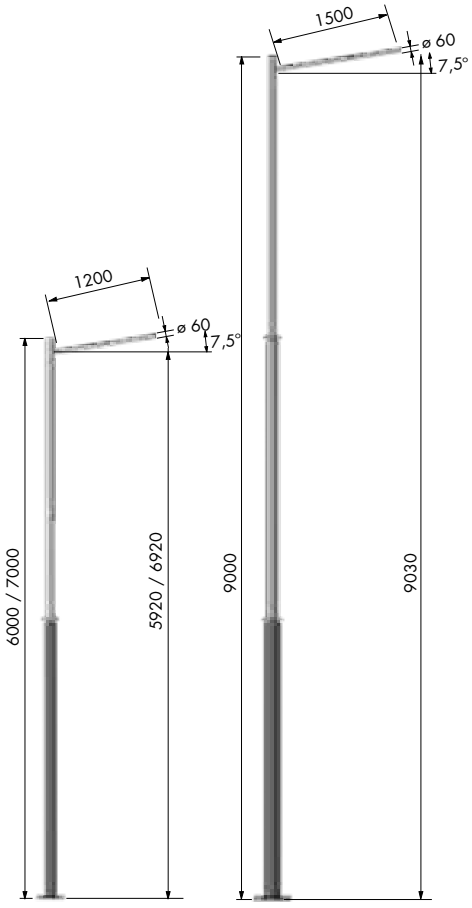
MINI ROADWAY



ECOVIAL



ELIPSE



SQUADRA	9m	81-4533-BP-AV	71-4540-48-48	71-4525-48-48	71-4531-48-48
	7m	81-4532-BP-AV	71-4540-48-48	71-4525-48-48	71-4531-48-48
	6m	81-4531-BP-AV	71-4539-48-48	71-4524-48-48	71-4531-48-48

NIKOLSON

AV BP AC FUND IK 10 4m Ø60 mm

CABEZALES COMPATIBLES

COMPATIBLE HEADS

TÊTES COMPATIBLES

KOMPATIBLE KÖPFE

TESTATE COMPATIBILI

CABEÇAS COMPATÍVEIS

СОВМЕСТИМЫЕ ГОЛОВКИ

KOMPATYBILNE GŁOWICE



MERIDIAN



ELIPSE



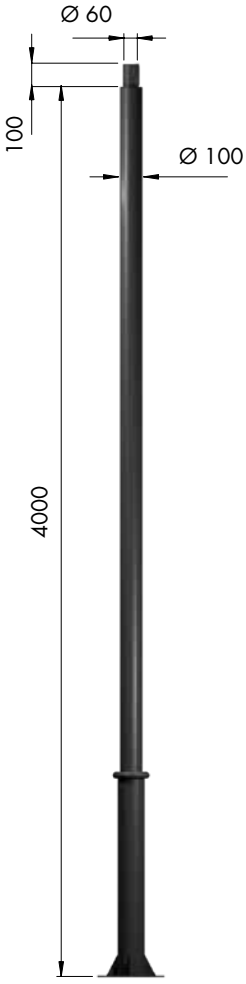
NEOBOLA



ANDALUCIA (1)



BOHEMIA



NIKOLSON	4m	81-3145-BP-BP ■	71-4520-48-48	71-4524-48-48	71-3128-48-48

(1)

71-4470-BP-BP ■

BOHEMIA

AV BP AC FUND IK 10 4m Ø60 mm

CABEZALES COMPATIBLES

COMPATIBLE HEADS

TÊTES COMPATIBLES

KOMPATIBLE KÖPFE

TESTATE COMPATIBILI

CABEÇAS COMPATÍVEIS

СОВМЕСТИМЫЕ ГОЛОВКИ

KOMPATYBILNE GŁOWICE



MERIDIAN



ELIPSE



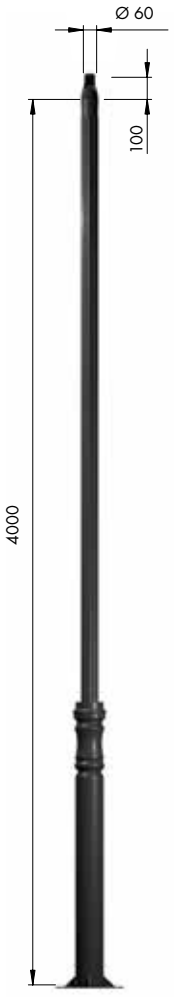
NEOBOLA



ANDALUCIA (1)



BOHEMIA



BOHEMIA	4m	81-3123-BP-BP ■	71-4521-48-48	71-4524-48-48	71-3148-48-48

(1)

71-4470-BP-BP ■

PROMENADE

AV AU AC FUND IK 10 3-5m Ø100 mm

CABEZALES COMPATIBLES

COMPATIBLE HEADS

TÊTES COMPATIBLES

KOMPATIBLE KÖPFE

TESTATE COMPATIBILI

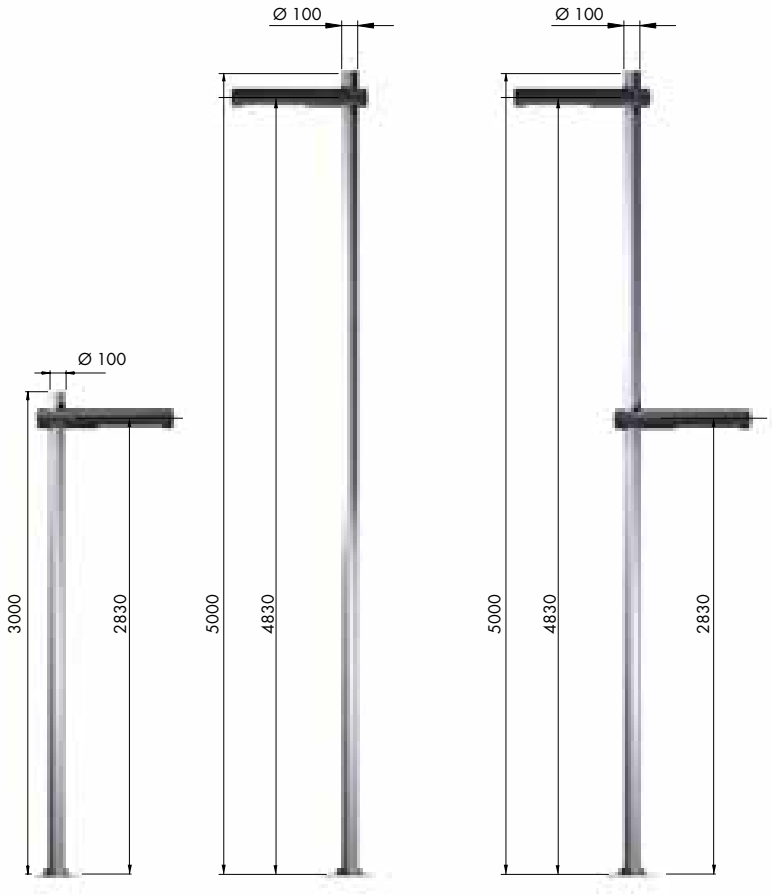
CABEÇAS COMPATÍVEIS

СОВМЕСТИМЫЕ ГОЛОВКИ

KOMPATYBILNE GŁOWICE



PROMENADE

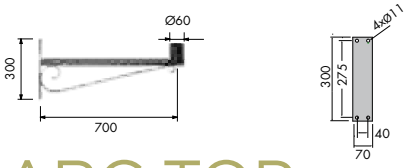


PROMENADE	5+3m	81-3140-AU-AU	71-4539-48-48	71-4524-48-48	71-4531-48-48
	5m	81-3140-AU-AU	71-4539-48-48	71-4524-48-48	71-4531-48-48
	3m	81-3137-AU-AU	71-4520-48-48	71-4524-48-48	71-4531-48-48

BOHEMIA

AV BP AC FUND Ø60 mm

BOHEMIA 82-3124-BP-BP ■



CABEZALES COMPATIBLES
COMPATIBLE HEADS
TÊTES COMPATIBLES
KOMPATIBLE KÖPFE
TESTATE COMPATIBILI
CABEÇAS COMPATÍVEIS
СОВМЕСТИМЫЕ ГОЛОВКИ
KOMPATYBILNE GŁOWICE

(1)

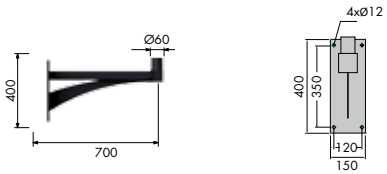
71-4470-BP-BP ■



ARC TOP

AV BP AC FUND Ø60 mm

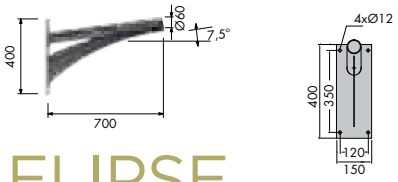
ARC TOP 82-3012-BP-BP ■



ARC LATERAL

AV BQ AC FUND Ø60 mm

ARC LATERAL 82-3030-BQ-BQ ■



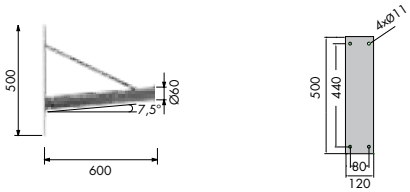
CABEZALES COMPATIBLES
COMPATIBLE HEADS
TÊTES COMPATIBLES
KOMPATIBLE KÖPFE
TESTATE COMPATIBILI
CABEÇAS COMPATÍVEIS
СОВМЕСТИМЫЕ ГОЛОВКИ
KOMPATYBILNE GŁOWICE



ELIPSE

AV BQ AC FUND Ø60 mm

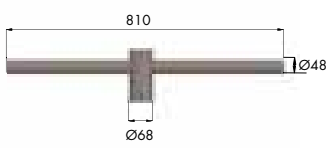
ELIPSE 82-3029-BQ-BQ ■



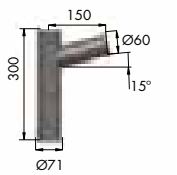
BRACKETS

AV AC FUND Ø60 mm Ø48 mm

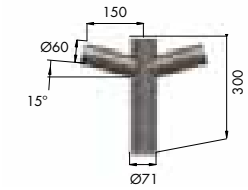
GAVINA DOUBLE BRACKET 71-3044-AV-AV



SINGLE BRACKET 71-4554-AV-AV



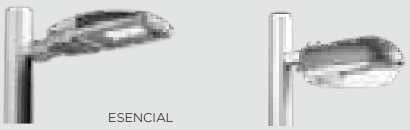
DOUBLE BRACKET 71-4555-AV-AV



CABEZALES COMPATIBLES
COMPATIBLE HEADS
TÊTES COMPATIBLES
KOMPATIBLE KÖPFE
TESTATE COMPATIBILI
CABEÇAS COMPATÍVEIS
СОВМЕСТИМЫЕ ГОЛОВКИ
KOMPATYBILNE GŁOWICE


GAVINA

CABEZALES COMPATIBLES
COMPATIBLE HEADS
TÊTES COMPATIBLES
KOMPATIBLE KÖPFE
TESTATE COMPATIBILI
CABEÇAS COMPATÍVEIS
СОВМЕСТИМЫЕ ГОЛОВКИ
KOMPATYBILNE GŁOWICE





EMOTIONAL

838-839
DOTS
PUNTOS
POINTS LUMINEUX
PUNKTE
PUNTI
PONTOS
ТОЧКИ
PUNKTY

840-841
FLEXIBLE CURTAINS
CORTINAS FLEXIBLES
RIDEAUX FLEXIBLES
FLEXIBLE VORHÄNGE
TENDE FLESSIBILI
CORTINAS FLEXÍVEIS
ГИБКИЕ ЗАНАВЕСЫ
ELASTYCZNE ZASŁONY

842
OUTDOOR DISPLAY
PANTALLA EXTERIOR
ÉCRAN D'EXTÉRIEUR
AUSSEN DISPLAY
SCHERMO ESTERNO
ECRÃ EXTERIOR
ЭКРАНЫ ДЛЯ УЛИЧНОГО ПРИМЕНЕНИЯ
EKRAN ZEWNETRZNY

843
OUTDOOR TUBES
TUBOS EXTERIOR
TUBES D'EXTÉRIEUR
AUSSEN RÖHREN
TUBI ESTERNI
TUBOS DE EXTERIOR
СВЕТОДИОДНЫЕ ТРУБКИ ДЛЯ УЛИЧНОГО ПРИМЕНЕНИЯ
TUBY ZEWNĘTRZNE

844-845
INDOOR DISPLAY
PANTALLA INTERIOR
ÉCRAN D'INTÉRIEUR
INNEN DISPLAY
SCHERMO INTERNO
ECRÃ DE INTERIOR
ЭКРАНЫ ДЛЯ ИНТЕРЬЕРА ПОМЕЩЕНИЙ
EKRAN WEWNĘTRZNY

846-847
LED FLOOR
SUELO LED
SOL LED
LED BODENEINBAU
PAVIMENTO LED
LED DE CHÃO
СВЕТОДИОДНЫЙ ПОЛ
PODŁOGA LED

HOSPITALITY



LT-20
P.843





HOSPITALITY



OC-12
P.840

Video





HOSPITALITY

NO-1
P.838





HOSPITALITY



NO-2
P.838

+



DF-20
P.846

HOSPITALITY



NO-1
P.838

+



DF-20
P.846

Video

HOSPITALITY

NO-3
P.838

Video







HOSPITALITY



NO-1
P.838

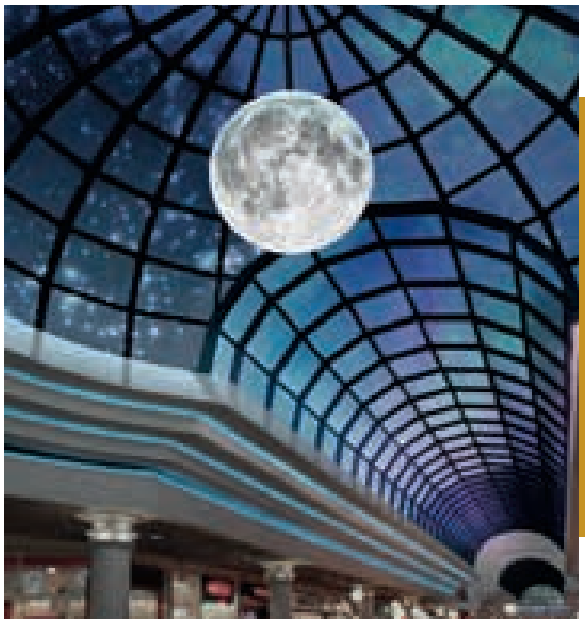


RETAIL



NO-3
P.838

Video





RESTAURANT

NO-2
P.838


splash&smash

RESTAURANT



OC-12
P.840

Video

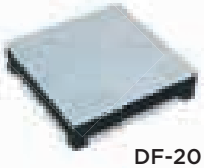


CLUBBING



NO-1
P.838

+



DF-20
P.846

Video

CLUBBING



OC-12
P.840



MUSEUM



OC-12
P.840



CARACTERÍSTICAS DE UNA PANTALLA LED
TYPICAL CHARACTERISTICS OF AN LED SCREEN
CARACTÉRISTIQUES D'UN ÉCRAN LED
MERKMALE EINES LED-DISPLAYS
CARATTERISTICHE DI UNO SCHERMO LED
CARACTERÍSTICAS DE UM ECRÃ LED
ХАРАКТЕРИСТИКИ СВЕТОДИОДНОГО ЭКРАНА
WŁAŚCIWOŚCI EKRANU LED

01 ¿QUÉ ES UN PÍXEL?

WHAT IS A PIXEL?
QU'EST-CE QU'UN PIXEL?
WAS BEDEUTET PIXEL?
COS'È UN PIXEL?
O QUE É UM PÍXEL?
ЧТО ТАКОЕ ПИКСЕЛЬ?
CO TO JEST PIKSEL?

Es la unidad mínima de representación de una imagen. El conjunto de píxeles genera las imágenes.

It's the smallest element that can be found in an image. When they are put together, pixels create images.

C'est l'unité minimale de représentation d'une image. Un ensemble de pixels crée une image.

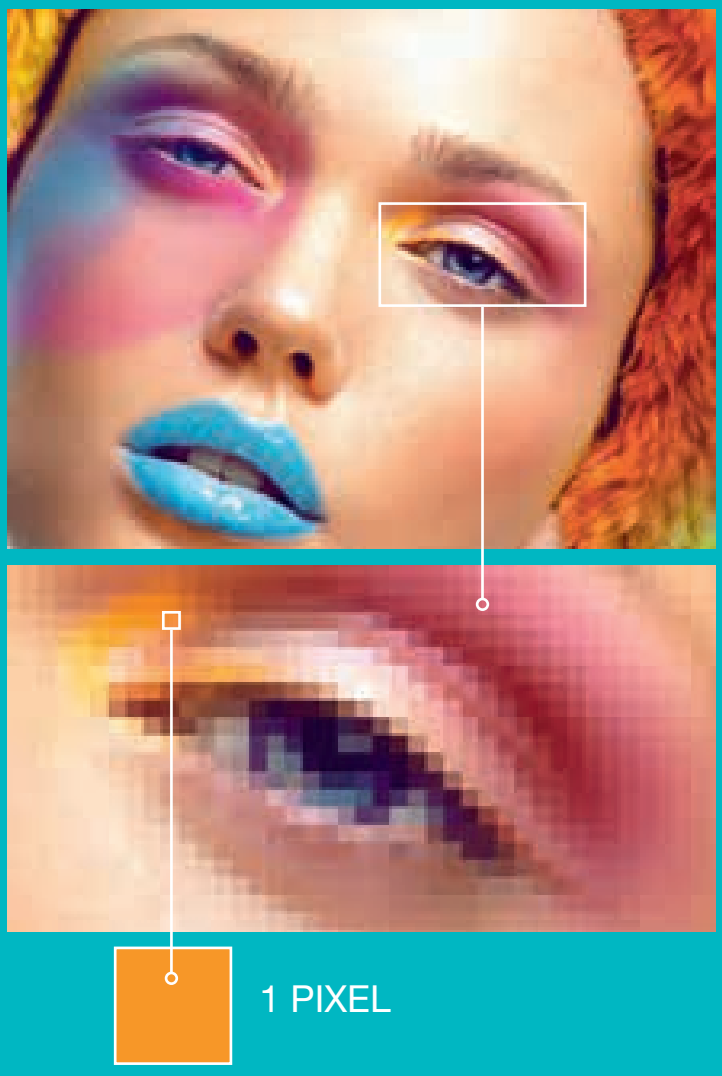
Ein Pixel ist die kleinste Einheit bei der Darstellung eines Bildes. Eine Rastergrafik setzt sich aus Pixeln zusammen.

È l'unità minima di rappresentazione di un'immagine. È l'insieme dei pixel che crea le immagini.

É a unidade mínima de representação de uma imagem. O conjunto de píxeis gera as imagens.

Пиксель – это минимальная единица воспроизведения изображения. Изображение – это комбинация пикселей.

Piksel to najmniejszy element wyświetlanego obrazu. Grupa pikseli tworzy obrazy.



EXISTEN 2 TIPOS:
DIP Y SMD

THERE ARE 2 TYPES:
DIP AND SMD

IL EXISTE DEUX TYPES DE PIXELS:
DIP ET SMD

STEHEN ZWEI VERSCHIEDENE LED-FORMATE ZUR AUSWAHL:
DIP UND SMD

ESISTONO DUE TIPI:
DIP E SMD

EXISTEM 2 TIPOS:
DIP E SMD

СУЩЕСТВУЮТ 2 ФОРМАТА: СТАНДАРТНЫЙ (DIP) И ПОВЕРХНОСТНОГО МОНТАЖА (SMD)

WYSTĘPUJĄ 2 TYPY:
DIP I SMD

02 ¿CÓMO ES UN PÍXEL FÍSICAMENTE EN UNA PANTALLA LED?

WHAT IS A PIXEL LIKE ON A SCREEN?
QUELLE EST L'APPARENCE D'UN PIXEL DANS UN ÉCRAN?
WIE WIRD EIN PIXEL AUF EINEM DISPLAY DARGESTELLT?
COM'È MATERIALMENTE UN PIXEL IN UNO SCHERMO?
COMO É UM PÍXEL FISICAMENTE NUM ECRÃ?
КАК СОЗДАЕТСЯ ПИСКЕЛЬ НА ЭКРАНЕ?
JAK FIZYCZNIE WYGLĄDA JEDEN PIKSEL NA WYŚWIETLACZU?

DIP

Son leds de un solo color. Por su robustez y alto brillo son ideales para aplicaciones de exteriores. Pueden utilizarse en aplicaciones para día y noche. Baja definición.

These are leds of only one single colour. Thanks to their robustness and intense brightness, DIP LEDs are ideal for outdoor applications. They can be used in both day and night applications. It has low definition.

Ce sont des pixels d'une seule couleur. Du fait de leur robustesse et de leur effet brillant intense, les LED DIP sont idéales pour des applications en extérieur. On peut les utiliser dans des applications de jour comme de nuit. Basse définition.

Beim DIP-Format sind die LEDs einfarbig. Die DIP-LED eignen sich aufgrund ihrer Robustheit und ihrer Glanzeigenschaft bestens für Installationen im Freien. Sie können sowohl für Tages- als auch Nachtinstallationen verwendet werden. Niedrige Definition.

I led sono di un solo colore. Grazie alla loro robustezza e alta luminosità, i led DIP sono ideali per applicazioni in esterni. È possibile utilizzarli per applicazioni diurne e notturne. Bassa definizione.

Os leds são de uma única cor. Pela sua robustez e alto brilho são perfeitos para aplicações em exterior. Podem ser utilizados em aplicações diurnas e nocturnas. Baixa definição.

Одноцветные светодиоды. Благодаря своей прочности и особой яркости, они идеально подходят для уличного применения. Они могут использоваться и днем, и ночью. Они обладают низким разрешением.

To diody jednobarwne. Dzięki ich solidnej budowie i wysokiej jasności, diody DIP są idealne do zastosowań zewnętrznych. Mogą być stosowane do oświetlenia dziennego i nocnego. Niska rozdzielczość.



1 PIXEL =





1 RED + 1 GREEN + 1 BLUE

OR





2 RED + 1 GREEN + 1 BLUE

SMD

Los leds SMD por su integración RGB son ideales para aplicaciones de alta definición, donde requerimos un paso (pitch) muy bajo.

The SMD LED has an RGB system integrated in a single point. SMD LEDs are ideal for indoor high definition applications.

La LED SMD intègre le système RGB en un seul point. Du fait de leur intégration RGB, les LED SMD sont idéales pour des applications à haute définition.

Die SMD-Bauweise des LED hat ein integriertes RGB an einem Punkt, so dass ein SMD-LED einem Pixel entspricht. Die SMD-LEDs sind ideal für Einsatzbereiche mit hoher Definition.

Poiché nel led SMD il sistema RGB è integrato in un sol punto, grazie a questa integrazione, i led SMD sono ideali per applicazioni d'alta definizione.

Tem integrado o sistema RGB num único ponto. São perfeitos para aplicações em interior e alta definição.

Светодиоды поверхностного монтажа (SMD) обладают встроенной системой RGB в каждой световой точке. Светодиоды SMD идеальны для применений с высоким разрешением, где требуется очень низкий шаг (pitch).

Diody SMD mają zintegrowany system RGB w jednym punkcie. Są one idealne do zastosowań wewnętrznych o wysokich rozdzielczościach.

1 PIXEL = 1 SMD





03 RESOLUCIÓN DE UNA IMAGEN EN UNA PANTALLA LED

RESOLUTION OF AN IMAGE ON A LED SCREEN
RÉSOLUTION D'UNE IMAGE DANS UN ÉCRAN
WAS BEDEUTET AUFLÖSUNG EINER DARSTELLUNG AUF EINEM DISPLA
RISOLUZIONE DI UN'IMMAGINE SU UNO SCHERMO
RESOLUÇÃO DE UMA IMAGEM NUM ECRÃ
ЧТО ТАКОЕ РАЗРЕШЕНИЕ ИЗОБРАЖЕНИЯ НА ДИСПЛЕЕ
ROZDZIELCZOŚĆ OBRAZU NA WYŚWIETLACZU

La resolución en una pantalla indica cuánto detalle puede observarse en esta. Tener mayor resolución se traduce en obtener una imagen con más detalle o calidad.

The screen resolution indicates how much detail can be seen on the screen. A greater resolution means a more detailed or higher quality image.

La résolution sur l'écran indique le niveau de détail que l'on peut y observer. Disposer d'une résolution supérieure est synonyme d'une image plus détaillée ou d'une meilleure qualité.

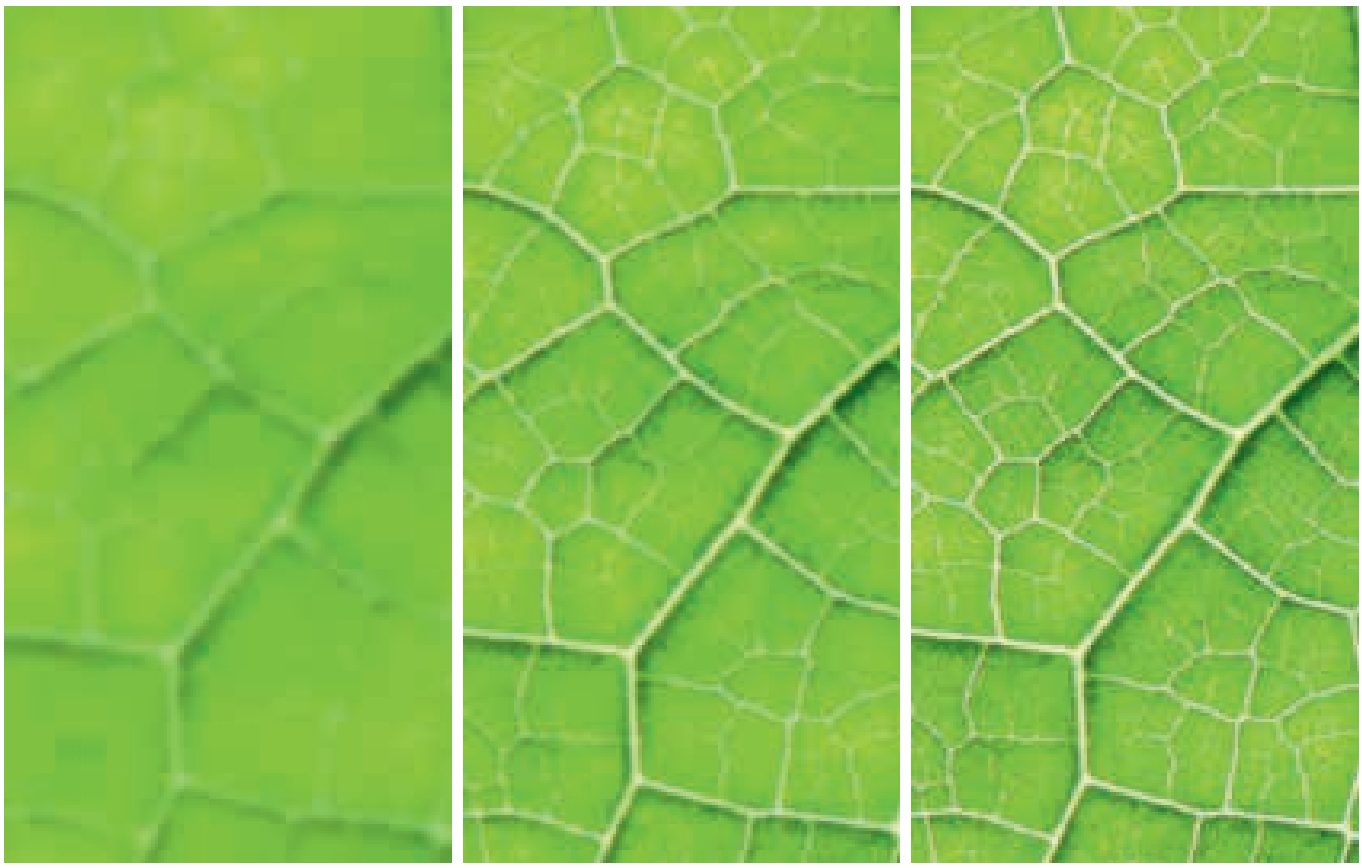
Die Auflösung gibt die Detailgenauigkeit an, mit der ein Bild auf einem Display dargestellt wird. Eine höhere Auflösung bedeutet eine detailgetreuere Darstellung oder eine bessere Bildqualität.

La risoluzione su uno schermo indica quanti dettagli vi si possono vedere. Una maggiore risoluzione si traduce in un'immagine con più dettagli o qualità.

A resolução num ecrã indica o nível de detalhe que se pode observar nele. Uma maior resolução traduz-se na obtenção de uma imagem com mais detalhe ou qualidade.

Разрешение показывает, насколько хорошо различимы детали изображения. Чем выше разрешение, тем лучше видны детали и тем выше качество изображения.

Rozdzielczość na ekranie wskazuje na ilość szczegółów jakie na nim można zaobserwować. Posiadanie większej rozdzielczość przekłada się na uzyskanie obrazu o większej ilości szczegółów lub jakości.



- → +

04 PITCH?

PITCH?
WAS BEDEUTET PITCH?
O QUE É O PITCH?
ЧТО ТАКОЕ ШАГ (PITCH)?
ROZSTAW (PITCH)?

Pitch o paso es la distancia entre píxeles (P), determina la distancia recomendada de visión de la imagen.

The pitch is the distance between pixels (P) and determines the recommended distance from which the image is to be seen.

Le «pitch» ou le «pas» est la distance entre les pixels (P) qui détermine la distance recommandée pour la vision de l'image.

Unter Pitch (P) versteht man den Abstand zwischen Pixeln, mit der die empfohlene Blickdistanz bestimmt wird.

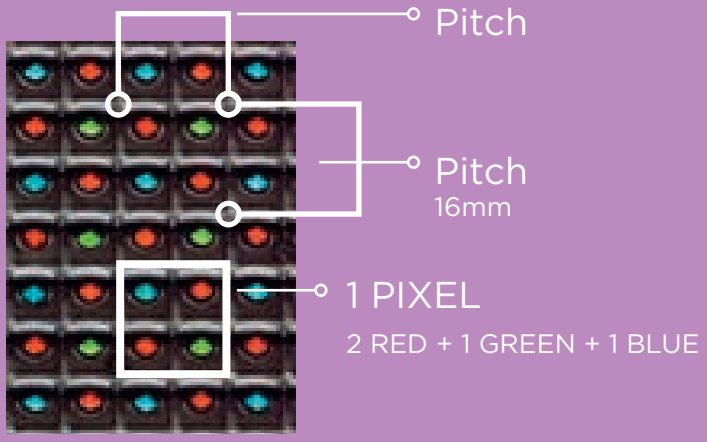
Il pitch è la distanza tra i pixel (P) e determina la distanza consigliata per la visione dell'immagine.

Pitch ou passo é a distância entre píxeis (P) determina a distância recomendada de visão da imagem.

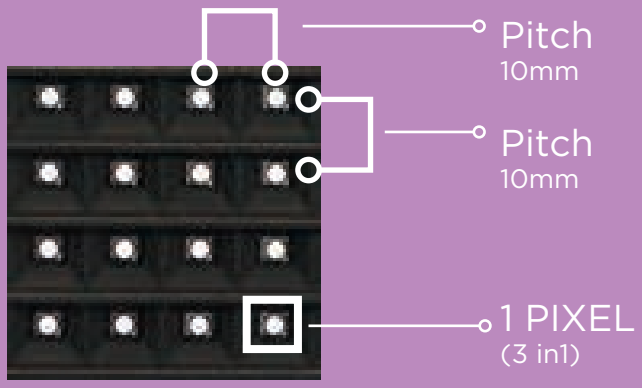
Шагом (pitch) называют расстояние между пикселями (P). От шага зависит расстояние, рекомендованное для оптимального восприятия изображения.

Pitch lub rozstaw to odległość pomiędzy pikselami (P) określająca zalecaną odległość widzenia obrazu.

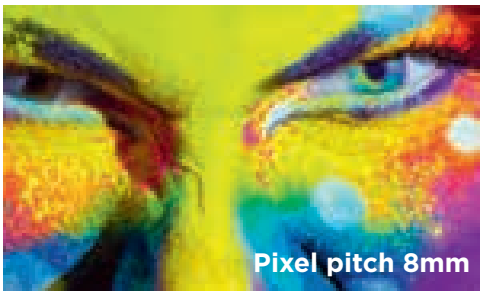
DIP

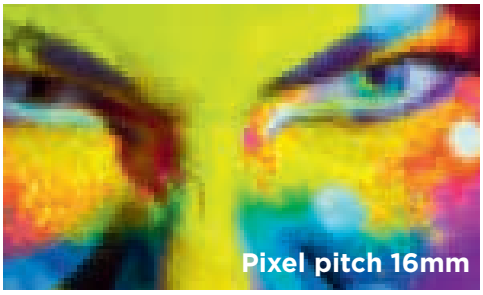


SMD







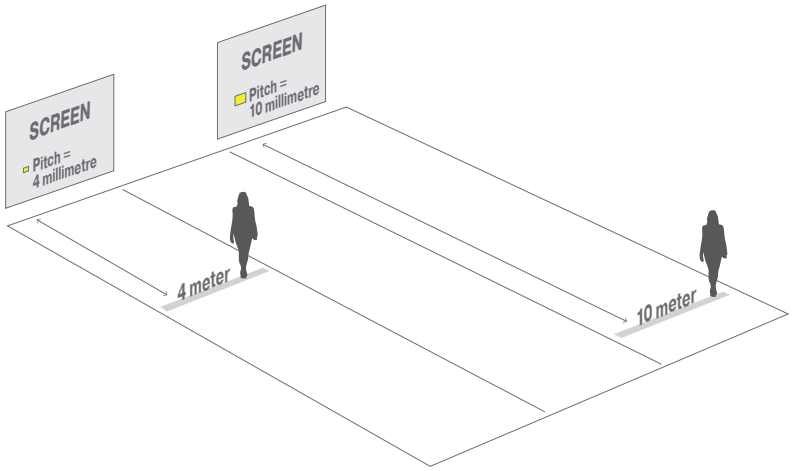


↓P

Con un P bajo, conseguimos más resolución y menor distancia de visionado.
With a low P, we gain a higher resolution and shorter viewing distance.
Si le P est bas, la résolution est supérieure et la distance de vision est inférieure.
Mit einem niedrigen Pixelabstand schafft man eine höhere Auflösung und eine kurze Blickdistanz.
Se il P è basso, la risoluzione è maggiore e la distanza di visione minore.
Com um P baixo, conseguimos mais resolução e menor distância de visualização.
Чем меньше шаг P, тем выше разрешение изображения и тем меньше должно быть расстояние для его восприятия.
Przy małym P, uzyskujemy większą rozdzielczość i mniejszą odległość widzenia.

↑P

Con un P alto, conseguimos menor resolución y mayor distancia de visionado.
With a high P, we gain a lower resolution and greater viewing distance.
Si le P est élevé, la résolution est inférieure et la distance de visionnage est plus grande.
Mit einem hohen Pixelabstand schafft man eine niedrige Auflösung und eine große Blickdistanz.
Se il P è alto, la risoluzione è minore e la distanza di visione maggiore.
Com um P alto, conseguimos menor resolução e maior distância de visualização.
Чем больше шаг P, тем ниже разрешение изображения и тем больше должно быть расстояние между изображением и зрителем.
Przy dużym P, uzyskujemy niższą rozdzielczość i większą odległość widzenia.



EMOTIONAL

05 ¿QUÉ ES EL BRILLO (Luminancia)?

WHAT IS BRIGHTNESS (Luminance)?
QU'EST-CE QUE LA BRILLANCE (Luminance)?
Was gibt die Helligkeit an (Leuchtdichte)?
CHE COS'È LA (Luminanza)?
O QUE É O BRILHO (Luminância)?
ЧТО ТАКОЕ ЯРКОСТЬ?
CO TO JEST JASNOŚĆ (Luminancja)?

Es el flujo luminoso que emerge de una superficie siguiendo una dirección determinada. La luminancia es medida en NITS o candela/m^2.

It's the flow of light emerging from a surface in a given direction. Luminance is measured in NITS or candelas/m^2.

C'est le flux lumineux qui émerge d'une surface en suivant une direction déterminée. La luminance se mesure en NITS ou candela/m^2 (cd/m^2).

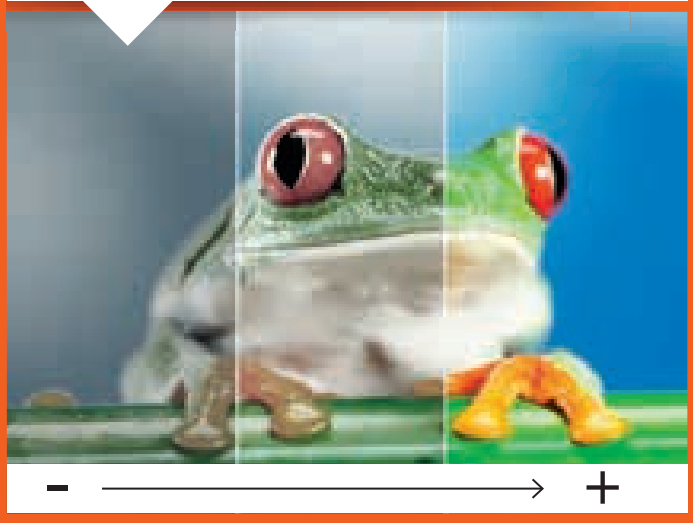
Die Leuchtdichte liefert detaillierte Information über die Orts- und Richtungsabhängigkeit des von einem unendlich kleinen Flächenelement abgegebenen Lichtstroms. Die Leuchtdichte wird in Nit oder Candela/m^2 ausgedrückt (1 Nit = 1 cd/m^2).

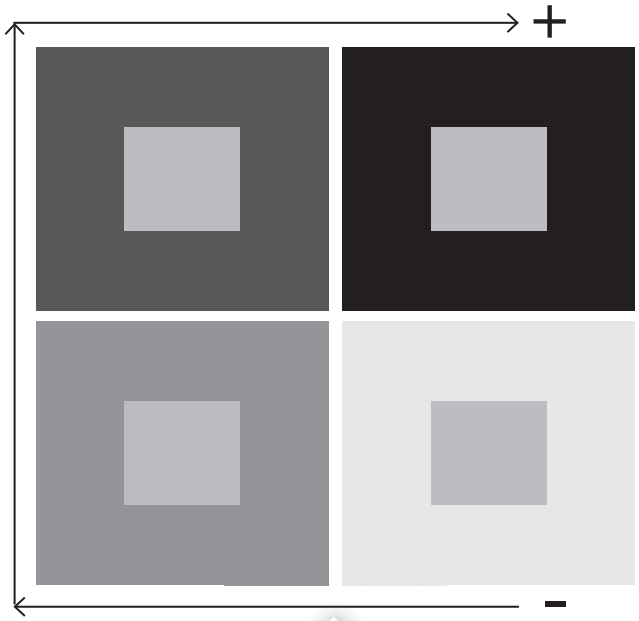
Il flusso luminoso che emerge da una superficie seguendo una determinata direzione. La luminanza si misura in NITS o cd/m^2.

É o fluxo luminoso que emerge de uma superfície, seguindo uma direcção determinada. A luminância é medida em NITS ou candela/m^2.

Яркостью называется поток света, излучаемый поверхностью в заданном направлении. Единица измерения яркости НИТ или кнд/$м^2$.

Jest to strumień światła emitowany z powierzchni w danym kierunku. Jasność mierzona jest w NITACH lub kandelach/m^2.





Es la diferencia relativa de intensidad entre un punto de una imagen y sus alrededores, en nuestro caso el fondo de la pantalla.

It is the relative difference in intensity between a certain point in an image and its surroundings - in this case the screen background.

La différence relative d'intensité entre un point d'une image et son entourage, en l'occurrence le fond de l'écran.

Ist der relative Intensitätsunterschied zwischen einem Bildpunkt und seiner Umgebung, in unserem Fall dem Displayhintergrund.

La differenza relativa di intensità tra un punto di un'immagine e ciò che vi è intorno, nel nostro caso lo sfondo dello schermo.

A diferença relativa de intensidade entre um ponto de uma imagem e o seu redor, no nosso caso, o fundo do ecrã.

Контраст определяется как отношение яркости между некоей точкой изображения на экране и окружающим ее фоном, в нашем случае – экраном.

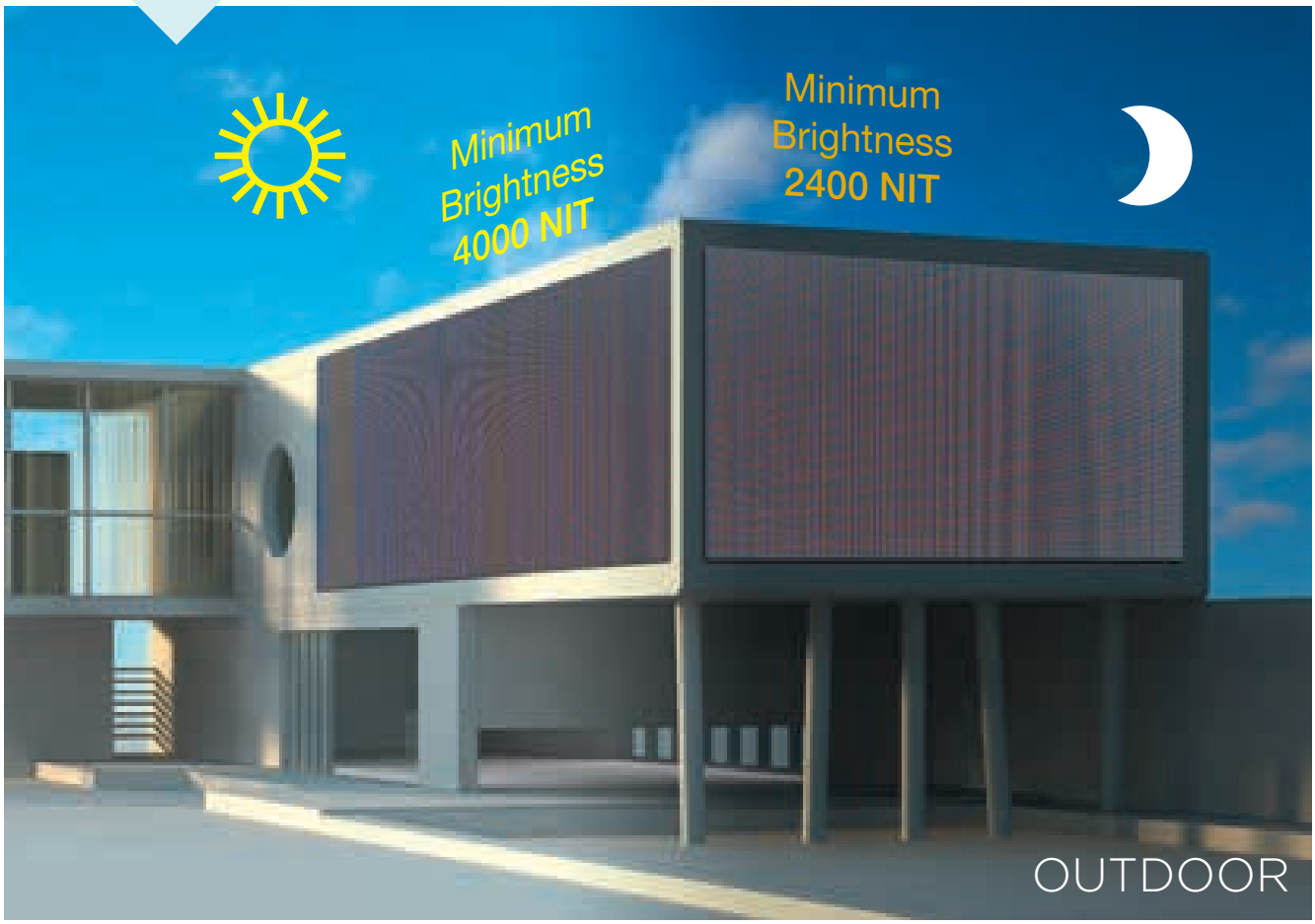
Kontrast definiowany jest jako względna różnica pomiędzy jednym punktem obrazu i jego otoczeniem, a w naszym przypadku tłem ekranu.

06 ¿QUÉ ES EL CONTRASTE?

WHAT IS CONTRAST?
QU'EST-CE QUE LE CONTRASTE?
WAS BEDEUTET KONTRAST?
CHE COS'È IL CONTRASTO?
O QUE É O CONTRASTE?
ЧТО ТАКОЕ КОНТРАСТ?
CO TO JEST KONTRAST?

07 ¿CÓMO ESCOGER EL BRILLO NECESARIO DE UNA PANTALLA?

HOW DO I CHOOSE THE NECESSARY BRIGHTNESS OF A SCREEN?
COMMENT CHOISIR LA BRILLANCE D'UN ÉCRAN?
WIE WÄHLE ICH DIE GEEIGNETE HELLIGKEIT EINES DISPLAYS AUS?
SCEGLIERE LA LUMINOSITÀ COME DI UNO SCHERMO?
COMO ESCOLHER O BRILHO NECESSÁRIO DE UM ECRÃ?
КАК ВЫБРАТЬ ОПТИМАЛЬНУЮ ЯРКОСТЬ ДЛЯ ЭКРАНА?
WYBIERANIE NIEZBĘDNEJ JASNOŚCI EKRANU?



NIT = CD/M^2



INDOOR

EMOTIONAL

LEDMOTION – ДИНАМИЧНОЕ СВЕТОДИОДНОЕ ОСВЕЩЕНИЕ

Transformamos la luz a través de diferentes y novedosos materiales integrados a la arquitectura para obtener espacios únicos y sorprendentes. Creamos iluminaciones personalizables a las emociones y estados de ánimo de las personas.

We use different and innovative materials integrated in the architecture to transform light. The result of this are unique and astonishing spaces. We create lighting which can be personalised to every person's feelings and moods.

Nous transformons la lumière à travers différents matériaux innovants et intégrés à l'architecture pour obtenir des espaces uniques et surprenants. Nous créons des éclairages qui s'adaptent aux émotions et aux états d'esprit des personnes.

Wir verwenden verschiedene neuartige in die Architektur integrierte Materialien, um das Licht zu transformieren und einzigartige, originelle Räume zu schaffen. Wir gestalten individuelle Beleuchtungslösungen, die sich an Anlass und Stimmung anpassen lassen.

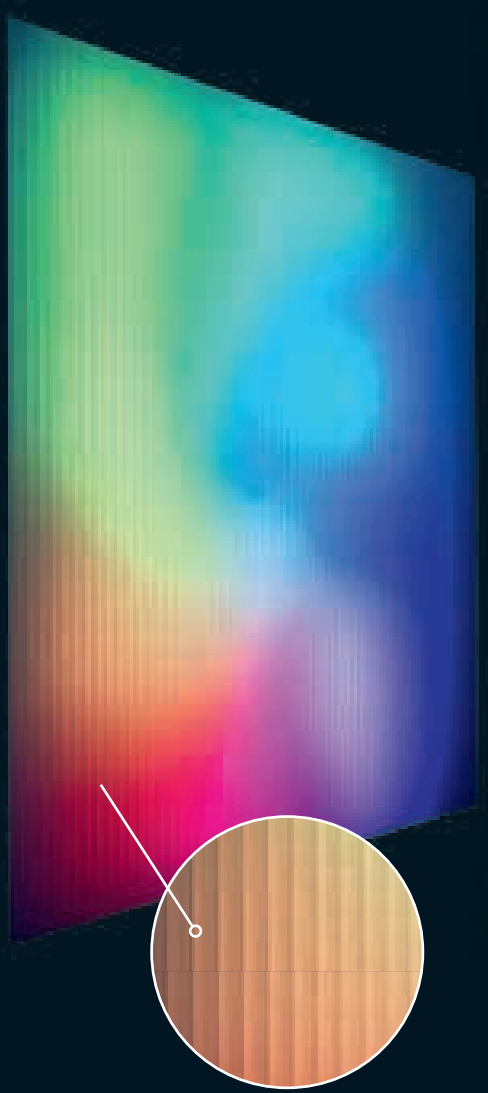
Trasformiamo la luce attraverso materiali diversi ed innovativi, integrati nell'architettura, per ottenere spazi unici e straordinari. Creiamo illuminazioni personalizzabili in base alle emozioni ed agli stati d'animo delle persone.

Transformamos a luz através de materiais diferentes e inovadores, integrados na arquitetura de forma a obter espaços únicos e surpreendentes. Criamos iluminações que se adaptam às emoções e ao estado de espírito das pessoas.

Мы трансформируем свет с помощью различных современных материалов, интегрированных в архитектурное решение, чтобы создавать уникальные и удивительные пространства. Мы предлагаем освещение, подстраивающееся под ваш эмоциональный фон и настроение.

Używamy różnorodnych i nowoczesnych materiałów w architekturze, aby kształtować światło. Jako rezultat otrzymujemy jedyne w swoim rodzaju, zaskakujące przestrzenie. Tworzymy oświetlenie, które można ustawić pod nastrój i humor każdego użytkownika.

01.



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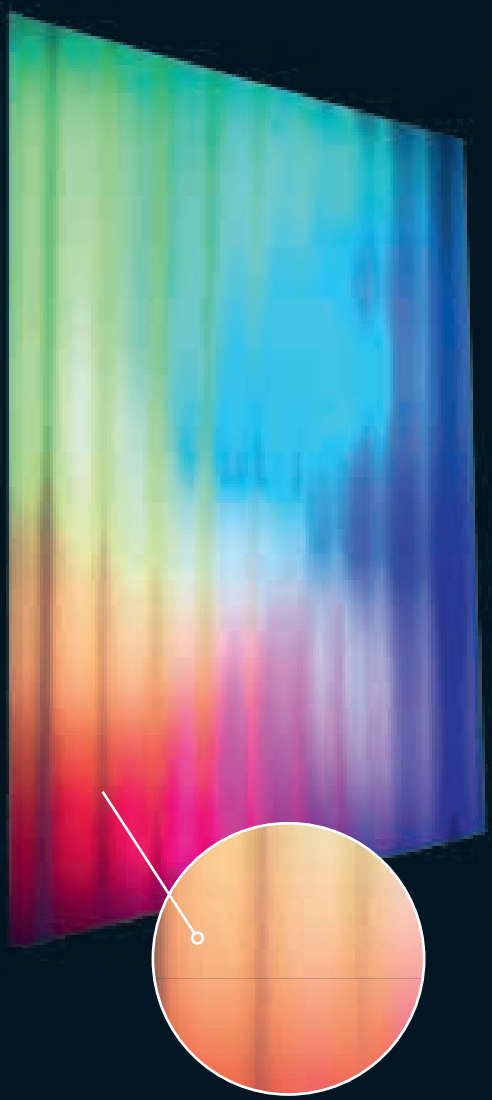

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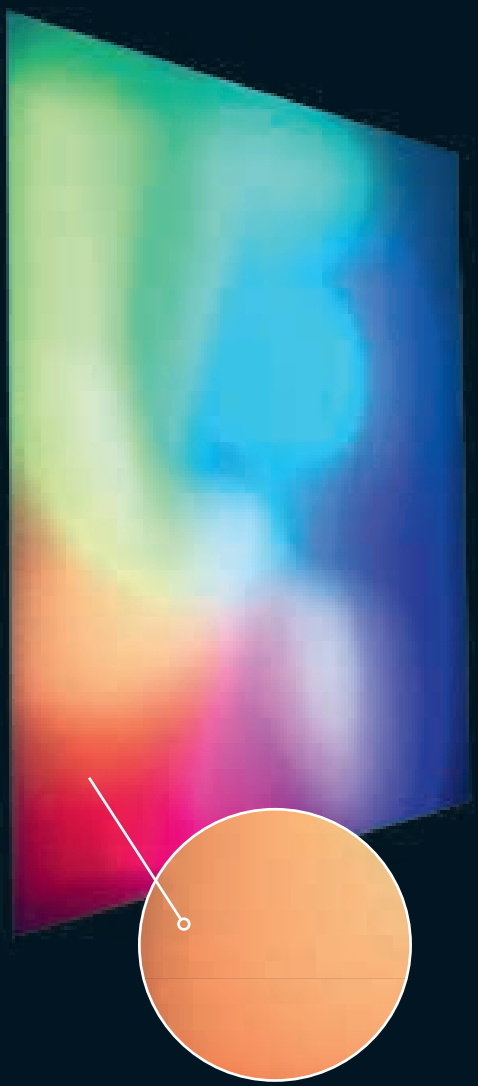
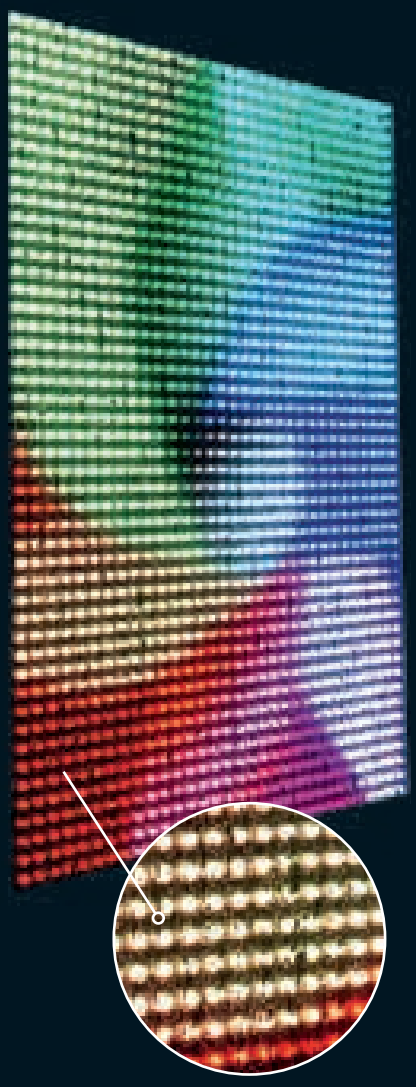


01. STRIPE
02. WAVE
03. ICE
04. AQUA
05. POINT
06. PRISMA

04.



05.



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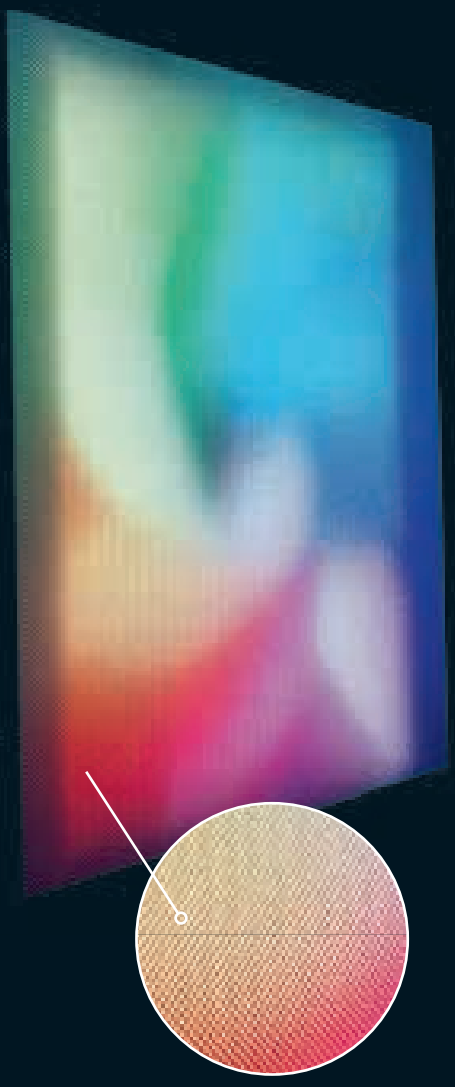
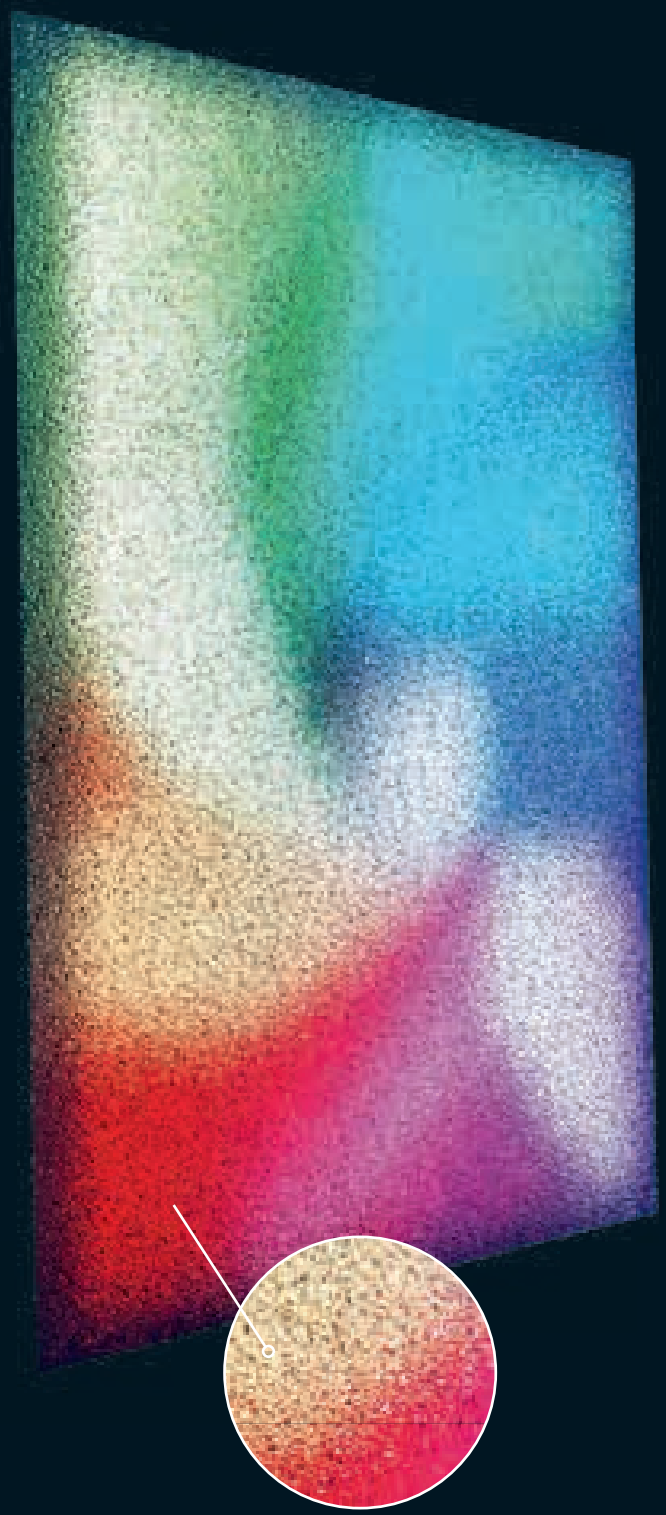


07. SAND
08. MOSAIC
09. LAYERS
10. VITRO
11. FOGGY
12. CELULAR

07.



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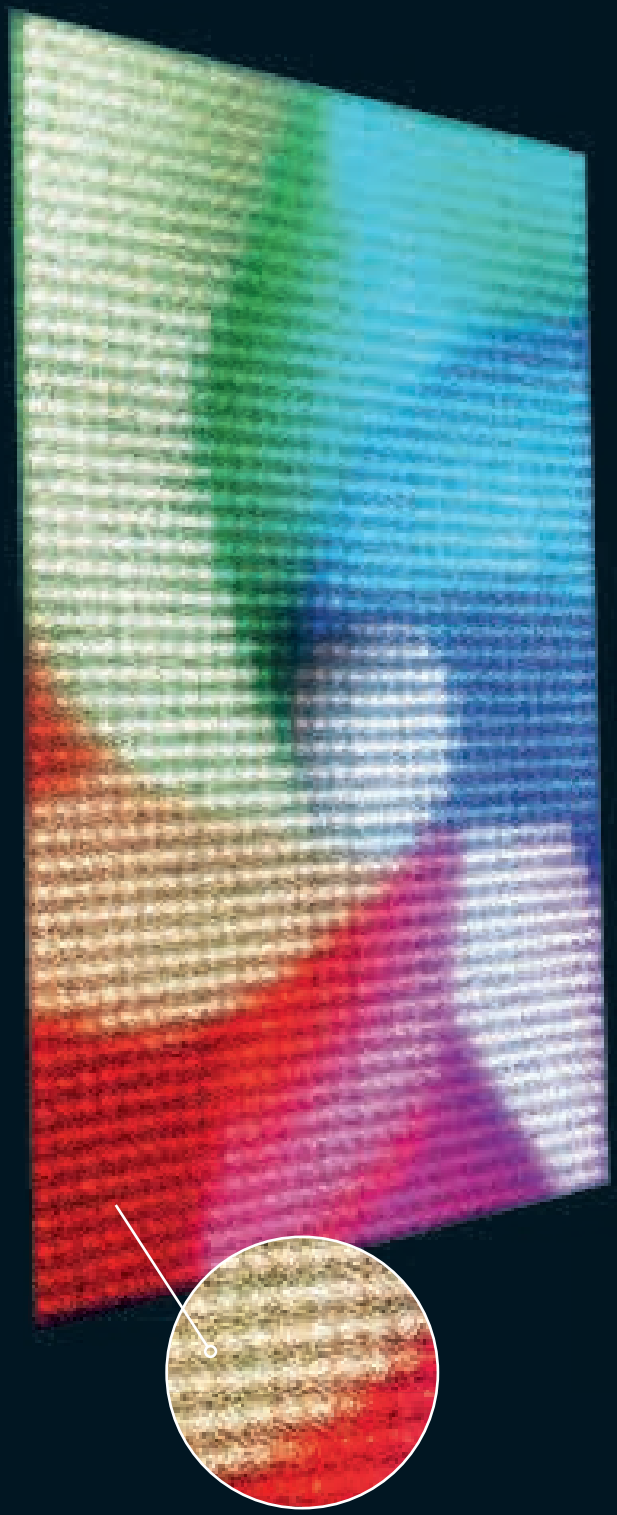

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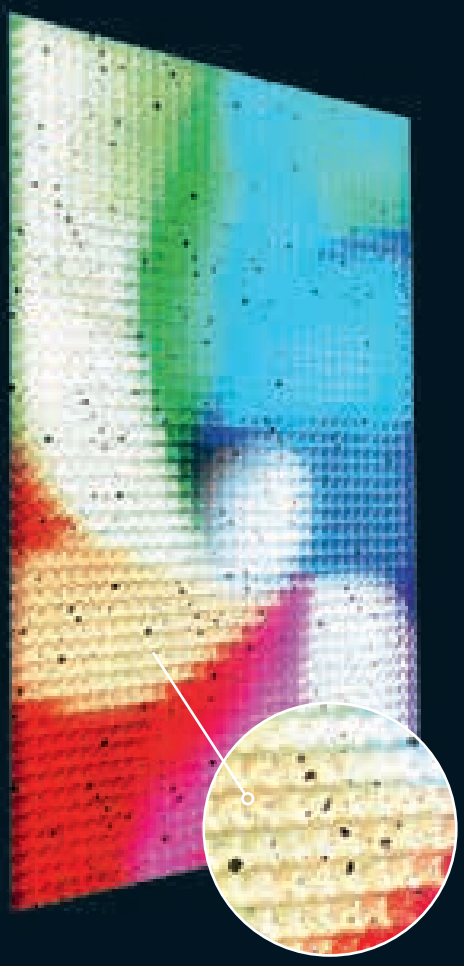

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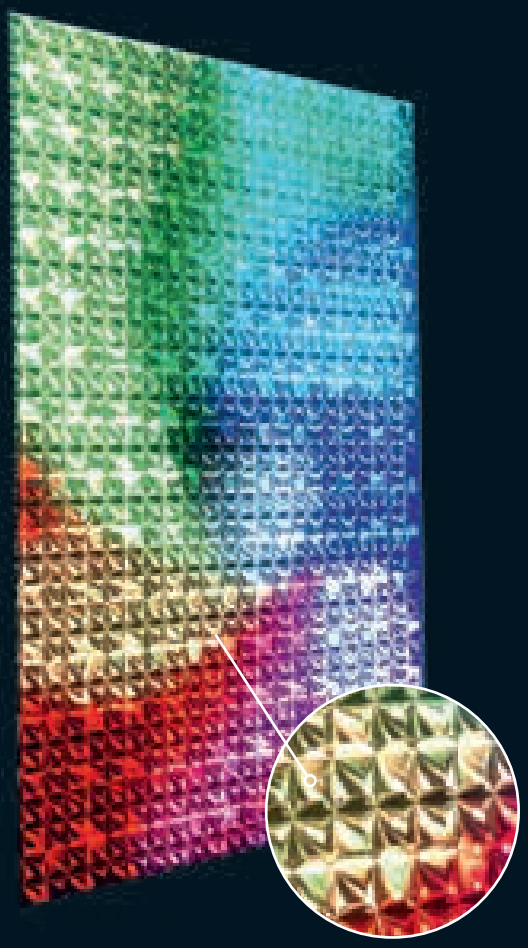

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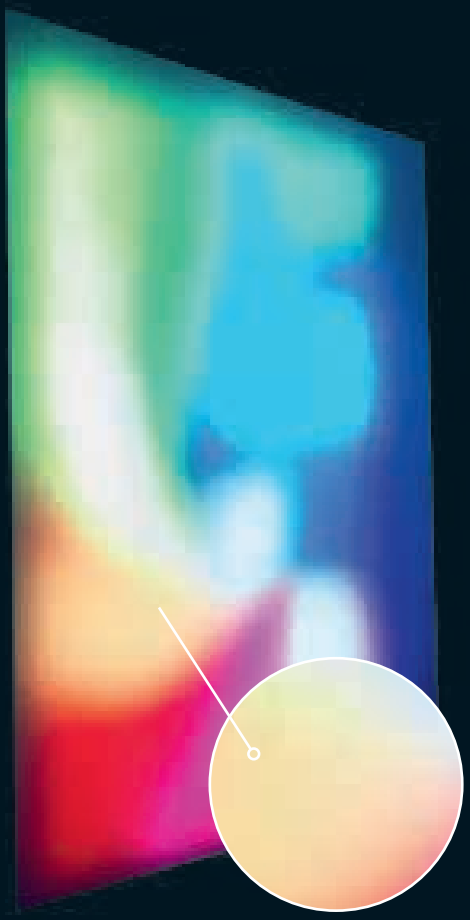

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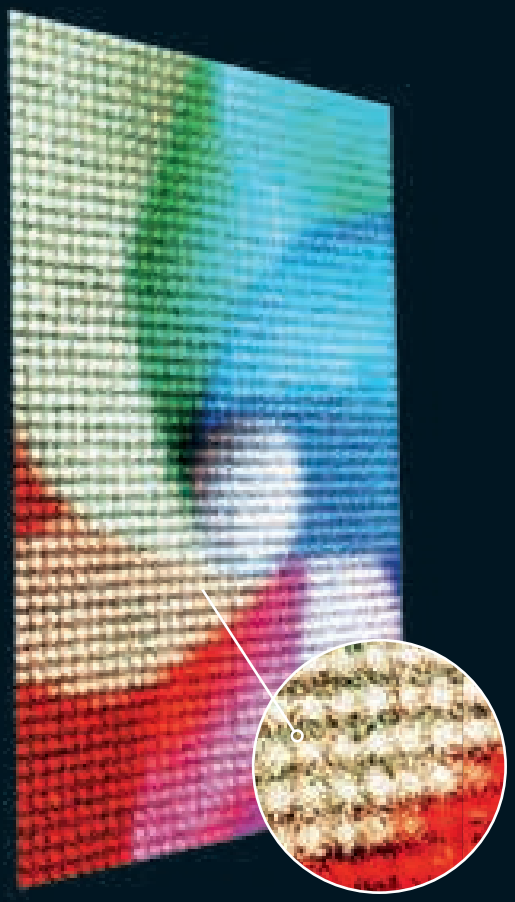


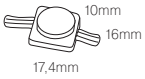
DOTS

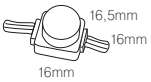
PUNTOS
POINTS LUMINEUX
PUNKTE
PUNTI
PONTOS
ТОЧКИ
PUNKTY

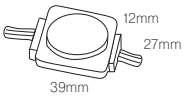












		NO-1	NO-2	NO-3
		CE · IP68 · OUT · IN	CE · IP68 · OUT	CE · IP68 · OUT
ESPECIFICACIONES DEL PIXEL / PIXEL PARAMETER / CARACTERÍSTIQUES DU PIXEL / PIXEL-SPEZIFIKATIONEN / CARATTERISTICHE DEL PIXEL / ESPECIFICAÇÕES DO PIXEL / ХАРАКТЕРИСТИКИ ПИКСЕЛЕЙ / SPECYFIKACJA PIKSELI	nº Led	1	1	3
	SMD 3 in 1	SMD 3535 / RGB (3 IN 1)	SMD 3535 / RGB (3 IN 1)	SMD 3535 / RGB (3 IN 1)
	MAX POWER W	0,3W /DOT	0,3W /DOT	0.72W /DOT
	VDC	5 VDC	5 VDC	12 VDC
ESPECIFICACIONES DEL MÓDULO / MODULE SPECIFICATIONS / CARACTÉRISTIQUES DU MODULE / MODUL-SPEZIFIKATIONEN / CARATTERISTICHE DEL MODULO / ESPECIFICAÇÕES DO MODULO / ХАРАКТЕРИСТИКИ МОДУЛЯ / SPECYFIKACJA MODUŁU	l mm	40	40	50
	LENSES - LENTES	CLEAR FLAT	CLEAR BALL COVER	CLEAR FLAT
	HOUSING - CUERPO	TRANSPARENT	BLACK Optional: WHITE & GREY	BLACK Optional: WHITE & GREY
	COVER MATERIAL - MATERIAL DIFUSOR	PC	PC	PC
	HOUSING MATERIAL - MATERIAL DEL MÓDULO	PC	PC	PC
	Kg	8 g	8 g	12 g
	Kg 50 nodes	400 g	400 g	600 g
ESPECIFICACIONES ÓPTICAS / OPTIC SPECIFICATIONS / CARACTÉRISTIQUES OPTIQUES / SPEZIFIKATIONEN DER LINSEN / SPECIFICAZIONI OTTICHE / ESPECIFICAÇÕES ÓTICAS / ОПТИЧЕСКИЕ ХАРАКТЕРИСТИКИ / SPECYFIKACJA UKŁADU OPTYCZNEGO	PITCH Calm°	432 (8cm)	432 (8cm)	1296 (8cm)
	vertical · horizontal	120º	120º	120º
	GREY SCALE	4096 (12 bits)	4096 (12 bits)	4096 (12 bits)
	24 Bit	16,7M (24 bits)	16,7M (24 bits)	16,7M (24 bits)
ESPECIFICACIONES GENERALES Y ELÉCTRICAS / GENERAL AND ELECTRIC SPECIFICATIONS / CARACTÉRISTIQUES GÉNÉRALES ET ELECTRIQUES / ALLGEMEINE UND ELEKTRISCHE SPEZIFIKATIONEN / CARATTERISTICHE GENERALI ED ELETTRICHE / ESPECIFICAÇÕES GERAIS E ELÉTRICAS / ОБЩИЕ И ЭЛЕКТРИЧЕСКИЕ ХАРАКТЕРИСТИКИ / SPECYFIKACJA OGÓLNA I ELEKTRYCZNA	C°	-40 ºC +60 ºC	-40 ºC +60 ºC	-40 ºC +60 ºC
		10%~90% RH	10%~90% RH	10%~90% RH
	LIFE	50.000	50.000	50.000
	CONECT MODE - MODO DE CONEXIÓN	SIGNAL+POWER	SIGNAL+POWER	SIGNAL+POWER
	CONTROL SYSTEM - SISTEMA DE CONTROL	Computer control and SD card control system	Computer control and SD card control system	Computer control and SD card control system

DOTS

PUNTOS
POINTS LUMINEUX
PUNKTE
PUNTI
PONTOS
ТОЧКИ
PUNKTY



ESPECIFICACIONES DEL PÍXEL / PIXEL PARAMETER / CARACTÉRISTIQUES DU PIXEL / PIXEL-SPEZIFIKATIONEN / CARATTERISTICHE DEL PIXEL / ESPECIFICAÇÕES DO PIXEL / ХАРАКТЕРИСТИКИ ПИКСЕЛЕЙ / SPECYFIKACJA PIKSELI		NO-4	NO-5	NO-6	NO-7
		CE IP68 OUT	CE IP68 OUT	CE IP68 OUT	CE IP68 OUT
	nº Led	8	24	12	12
	SMD 3 in 1 / DIP RGB	SMD 3535 / RGB (3 IN 1)	10R 7G 7B	SMD 3535 / RGB (3 IN 1)	DIP 346 / 4R 4G 4B
	MAX POWER W	1,5W /DOT	0,81W /DOT	2,88W /DOT	0,8W /DOT
	VDC	15 VDC	24 VDC	24 VDC	36V
ESPECIFICACIONES DEL MÓDULO / MODULE SPECIFICATIONS / CARACTÉRISTIQUES DU MODULE / MODUL-SPEZIFIKATIONEN / CARATTERISTICHE DEL MODULO / ESPECIFICAÇÕES DO MÓDULO / ХАРАКТЕРИСТИКИ МОДУЛЯ / SPECYFIKACJA MODUŁU					
	mm	70	80	150	80
	LENSES - LENTES	CLEAR FLAT	CLEAR FLAT COVER	CLEAR BALL COVER	CLEAR FLAT Optional: MILK WHITE
	HOUSING - CUERPO	BLACK Optional: WHITE & GREY	BLACK Optional: WHITE & GREY	BLACK Optional: WHITE & GREY	BLACK Optional: WHITE & GREY
	COVER MATERIAL - MATERIAL DIFUSOR	PC	PC	PC	PC
	HOUSING MATERIAL - MATERIAL DEL MÓDULO	ALU Optional: PC	PC	ALU	PC
	Kg	12 g	12 g	115 +/-5g	12 g
	Kg 50 nodes	750 g	750 g	6,1 Kg	750 g
ESPECIFICACIONES ÓPTICAS / OPTIC SPECIFICATIONS / CARACTÉRISTIQUES OPTIQUES / SPEZIFIKATIONEN DER LINSEN / SPECIFICAZIONI OTTICHE / ESPECIFICAÇÕES ÓTICAS / ОПТИЧЕСКИЕ ХАРАКТЕРИСТИКИ / SPECYFIKACJA UKŁADU OPTYCZNEGO					
	PITCH	1728 (8cm)	5600 (10cm)	2765 (15cm)	4032 (8cm)
	vertical / horizontal	120º	90º	120º	90º
	GREY SCALE	4096 (12 bits)	4096 (12 bits)	256	4096
	24 Bit	16,7M (24 bits)	16,7M (24 bits)	16,7M (24 bits)	16,7M (24 bits)
ESPECIFICACIONES GENERALES Y ELÉCTRICAS / GENERAL AND ELECTRIC SPECIFICATIONS / CARACTÉRISTIQUES GÉNÉRALES ET ELECTRIQUES / ALLGEMEINE UND ELEKTRISCHE SPEZIFIKATIONEN / CARATTERISTICHE GENERALI ED ELETTRICHE / ESPECIFICAÇÕES GERAIS E ELÉTRICAS / ОБЩИЕ И ЭЛЕКТРИЧЕСКИЕ ХАРАКТЕРИСТИКИ / SPECYFIKACJA OGÓLNA I ELEKTRYCZNA					
	C°	-40 ºC +60 ºC	-40 ºC +60 ºC	-40 ºC +60 ºC	-40 ºC +60 ºC
		10%~90% RH	10%~90% RH	10%~90% RH	10%~90% RH
	h. LIFE	50.000	50.000	50.000	50.000
	CONECT MODE - MODO DE CONEXIÓN	SIGNAL+POWER	SIGNAL+POWER	SIGNAL+POWER	SIGNAL+POWER
	CONTROL SYSTEM - SISTEMA DE CONTROL	Computer control and SD card control system	Computer control and SD card control system	Computer control and SD card control system	Computer control and SD card control system

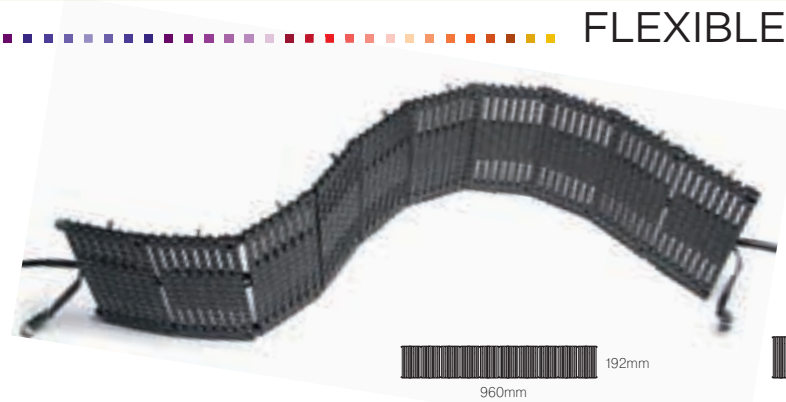
EMOTIONAL

FLEXIBLE CURTAINS

CORTINAS FLEXIBLES
RIDEAUX FLEXIBLES
FLEXIBLE VORHÄNGE
TENDE FLESSIBILI
CORTINAS FLEXÍVEIS
ГИБКИЕ ЗАНАВЕСЫ
ELASTYCZNE ZASŁONY







192mm
960mm

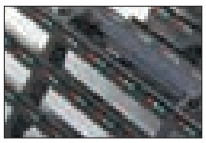
300mm
900mm

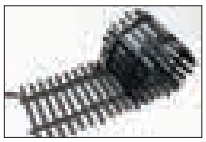
ESPECIFICACIONES DEL PIXEL / PIXEL PARAMETER / CARACTERÍSTIQUES DU PIXEL / PIXEL-SPEZIFIKATIONEN / CARATTERISTICHE DEL PIXEL / ESPECIFICAÇÕES DO PIXEL / ХАРАКТЕРИСТИКИ ПИКСЕЛЕЙ / SPECYFIKACJA PIKSELI	OC-12	OC-1875
	CE IP65 OUT	CE IP65 OUT
mm	12	18,75
SMD 3 in 1	SMD 3528 / RGB (3 IN 1)	SMD 5050 / RGB (3 IN 1)
Leds/m²	6.944	2.844
ESPECIFICACIONES DEL MÓDULO / MODULE SPECIFICATIONS / CARACTÉRISTIQUES DU MODULE / MODUL-SPEZIFIKATIONEN / CARATTERISTICHE DEL MODULO / ESPECIFICAÇÕES DO MODULO / ХАРАКТЕРИСТИКИ МОДУЛЯ / SPECYFIKACJA MODUŁU		
MODUL RESOLUTION - RESOLUCIÓN DEL MÓDULO	16 X 80	16 X 48
HOUSING MATERIAL - MATERIAL DEL MÓDULO	ABS / PC	ABS / PC
Kg	1,5	2,5
MAX POWER W	60W	72W
CONTROLLER SPECIFICATIONS / ESPECIFICACIONES DEL CONTROLADOR / CARACTÉRISTIQUES DU CONTRÔLEUR / SPEZIFIKATIONEN DER STEUERUNG / CARATTERISTICHE DEL REGOLATORE / ESPECIFICAÇÕES DO CONTROLADOR / ХАРАКТЕРИСТИКИ КОНТРОЛЛЕРА / SPECYFIKACJA STEROWNIKA		
CONTROLLER DIMENSIONS - MEDIDAS DEL CONTROLADOR (L*W*H) (mm)	535 X 200 X 100	535 X 200 X 100
CONTROLLER MATERIAL - MATERIAL DEL CONTROLADOR	ST	ST
Kg	13	13
MAX POWER W	326W /m²	391W /m²
QUANTITY OF CONTROLLED MODULES - Nº MÓDULOS CONTROLADOS	4 X 4 2 X 9	4 X 4 2 X 8
QUANTITY OF CONTROLLED PIXELS - Nº PÍXELES CONTROLADOS (L X H)	64 X 320 32 X 720	64 X 192 32 X 384
CCONTROLLED AREA DIMENSIONS - DIMENSIONES AREA CONTROLADA (L*H) (mm)	768 X 3840 384 X 8640	1200 X 7200 600 X 3600
ESPECIFICACIONES OPTICAS / OPTIC SPECIFICATIONS / CARACTÉRISTIQUES OPTIQUES / SPEZIFIKATIONEN DER LINSEN / SPECIFICAZIONI OTTICHE / ESPECIFICAÇÕES ÓTICAS / ОПТИЧЕСКИЕ ХАРАКТЕРИСТИКИ / SPECYFIKACJA UKŁADU OPTYCZNEGO		
M	12 - 20	19 - 25
vertical horizontal	110º	110º
Cd/m²	2800	2400
GREY SCALE	65536	16384
Mhz	2000	1000
Bit	16	16
24 Bit	16,7M (24 bits)	16,7M (24 bits)
ESPECIFICACIONES GENERALES Y ELÉCTRICAS / GENERAL AND ELECTRIC SPECIFICATIONS / CARACTÉRISTIQUES GÉNÉRALES ET ÉLECTRIQUES / ALLGEMEINE UND ELEKTRISCHE SPEZIFIKATIONEN / CARATTERISTICHE GENERALI ED ELETTRICHE / ESPECIFICAÇÕES GERAIS E ELETRICAS / ОБЩИЕ И ЭЛЕКТРИЧЕСКИЕ ХАРАКТЕРИСТИКИ / SPECYFIKACJA OGÓLNA I ELEKTRYCZNA		
C°	-20 ºC ~+50 ºC	-20 ºC ~+50 ºC
	10%~90% RH	10%~90% RH
Ch. LIFE	⩾ 30.000	⩾ 30.000
VAC	110/220 VAC +/-15%	110/220 VAC +/-15%
Hz	47/63 Hz	47/63 Hz
SIGNAL TRANSFER - TRANSMISIÓN DE SEÑAL	LAN Cable	LAN Cable
CONTROL SYSTEM - SISTEMA DE CONTROL	Computer control	Computer control

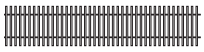
FLEXIBLE CURTAINS



CORTINAS FLEXIBLES
RIDEAUX FLEXIBLES
FLEXIBLE VORHÄNGE
TENDE FLESSIBILI
CORTINAS FLEXÍVEIS
ГИБКИЕ ЗАНАВЕСЫ
ELASTYCZNE ZASŁONY







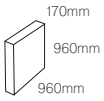
		OC-3125-A	OC-3125-B
		CE, IP65, OUT	CE, IP65, OUT
ESPECIFICACIONES DEL PIXEL / PIXEL PARAMETER / CARACTERÍSTICAS DU PIXEL / PIXEL-SPEZIFIKATIONEN / CARATTERISTICHE DEL PIXEL / ESPECIFICAÇÕES DO PIXEL / ХАРАКТЕРИСТИКИ ПИКСЕЛЕЙ / SPECYFIKACJA PIKSELI	mm	31,25	31,25
	DIP RGB	DIP ø5 / 1R 1G 1B	DIP ø5 / 1R 1G 1B
	Leds/m²	1.024	1.024
ESPECIFICACIONES DEL MODULO / MODULE SPECIFICATIONS / CARACTERÍSTIQUES DU MODULE / MODUL-SPEZIFIKATIONEN / CARATTERISTICHE DEL MODULO / ESPECIFICAÇÕES DO MODULO / ХАРАКТЕРИСТИКИ МОДУЛЯ / SPECYFIKACJA MODUŁU	MODUL RESOLUTION - RESOLUCIÓN DEL MÓDULO	8 x 32	8 x 32
	HOUSING MATERIAL - MATERIAL DEL MÓDULO	ABS / PC	ABS / PC
	Kg	2	2
	MAX POWER W	80W	80W
CONTROLLER SPECIFICATIONS / ESPECIFICACIONES DEL CONTROLADOR / CARACTÉRISTIQUES DU CONTRÔLEUR / SPEZIFIKATIONEN DER STEUERUNG / CARATTERISTICHE DEL REGOLATORE / ESPECIFICAÇÕES DO CONTROLADOR / ХАРАКТЕРИСТИКИ КОНТРОЛЛЕРА / SPECYFIKACJA STEROWNIKA	CONTROLLER DIMENSIONS - MEDIDAS DEL CONTROLADOR (L*W*H) (mm)	500 X 200 X 100	1000 X 200 X 100
	CONTROLLER MATERIAL - MATERIAL DEL CONTROLADOR	ST	ST
	Kg	10	16
	MAX POWER W	434W /m²	434W /m²
	QUANTITY OF CONTROLLED MODULES - Nº MÓDULOS CONTROLADOS	2 X 4	4 X 4
	QUANTITY OF CONTROLLED PIXELS - Nº PÍXELES CONTROLADOS (L X H)	16 x 128	32 x 128
	CCONTROLLED AREA DIMENSIONS - DIMENSIONES AREA CONTROLADA (L*H) (mm)	500 X 4000	1000 X 4000
ESPECIFICACIONES OPTICAS / OPTIC SPECIFICATIONS / CARACTÉRISTIQUES OPTIQUES / SPEZIFIKATIONEN DER LINSEN / SPECIFICAZIONI OTTICHE / ESPECIFICAÇÕES ÓTICAS / ОПТИЧЕСКИЕ ХАРАКТЕРИСТИКИ / SPECYFIKACJA UKŁADU OPTYCZNEGO	M	30 - 33	30 - 33
	vertical / horizontal	110º	110º
	Cd/m²	4000	4000
	GREY SCALE	4096	4096
	Mhz	600	600
	Bit	16	16
	24 Bit	16,7M (24 bits)	16,7M (24 bits)
ESPECIFICACIONES GENERALES Y ELÉCTRICAS / GENERAL AND ELECTRIC SPECIFICATIONS / CARACTÉRISTIQUES GÉNÉRALES ET ÉLECTRIQUES / ALLGEMEINE UND ELEKTRISCHE SPEZIFIKATIONEN / CARATTERISTICHE GENERALI ED ELETTRICHE / ESPECIFICAÇÕES GERAIS E ELÉTRICAS / ОБЩИЕ И ЭЛЕКТРИЧЕСКИЕ ХАРАКТЕРИСТИКИ / SPECYFIKACJA OGÓLNA I ELEKTRYCZNA	C°	-20 ºC ~+50 ºC	-20 ºC ~+50 ºC
		10%~90% RH	10%~90% RH
	h. LIFE	⩾ 30.000	⩾ 30.000
	VAC	110/220 VAC +/- 15%	110/220 VAC +/- 15%
	Hz	47/63 Hz	47/63 Hz
	SIGNAL TRANSFER - TRANSMISIÓN DE SEÑAL	LAN Cable	LAN Cable
	CONTROL SYSTEM - SISTEMA DE CONTROL	Computer control	Computer control

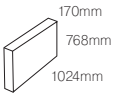
EMOTIONAL

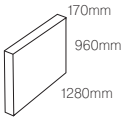
OUTDOOR DISPLAY

PANTALLA EXTERIOR
ÉCRAN D'EXTÉRIEUR
AUSSEN DISPLAY
SCHERMO ESTERNO
ECRÃ EXTERIOR
ЭКРАНЫ ДЛЯ УЛИЧНОГО ПРИМЕНЕНИЯ
EKRAN ZEWNETRZNY









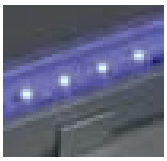
		OD-10	OD-16	OD-20
		CE · IP65 · OUT	CE · IP65 · OUT	CE · IP65 · OUT
ESPECIFICACIONES DEL PIXEL / PIXEL PARAMETER / CARACTERISTIQUES DU PIXEL / PIXEL-SPEZIFIKATIONEN / CARATTERISTICHE DEL PIXEL / ESPECIFICAÇÕES DO PIXEL / ХАРАКТЕРИСТИКИ ПИКСЕЛЕЙ / SPECYFIKACJA PIKSELI	mm	10	16	20
	DIP RGB	DIP346 / 1R - 1G - 1B	DIP546 / 2R - 1G - 1B	DIP546 / 2R - 1G - 1B
	Leds/m²	10.000	3.906	2.500
ESPECIFICACIONES DEL MÓDULO / MODULE SPECIFICATIONS / CARACTERISTIQUES DU MODULE / MODUL-SPEZIFIKATIONEN / CARATTERISTICHE DEL MODULO / ESPECIFICAÇÕES DO MODULO / ХАРАКТЕРИСТИКИ МОДУЛЯ / SPECYFIKACJA MODUŁU	CABINET MATERIAL - MATERIAL DEL MÓDULO	ST	ALU / ST	ALU / ST
	Kg	45	35	40
	MAX POWER W	1250W/m²	1180W/m²	750W/m²
ESPECIFICACIONES ÓPTICAS / OPTIC SPECIFICATIONS / CARACTERISTIQUES OPTIQUES / SPEZIFIKATIONEN DER LINSEN / SPECIFICAZIONI OTTICHE / ESPECIFICAÇÕES ÓTICAS / ОПТИЧЕСКИЕ ХАРАКТЕРИСТИКИ / SPECYFIKACJA UKŁADU OPTYCZNEGO	M	10 - 15	16 -20	20 - 25
	horizontal	120º	120º	120º
	vertical	60º	60º	60º
	Cd/m²	6500	6000	5500
	GREY SCALE	4096	4096	4096
	Mhz	500	500	500
	Bit	16	16	16
	24 Bit	16,7M (24 bits)	16,7M (24 bits)	16,7M (24 bits)
ESPECIFICACIONES GENERALES Y ELÉCTRICAS / GENERAL AND ELECTRIC SPECIFICATIONS / CARACTERISTIQUES GENERALES ET ELECTRIQUES / ALLGEMEINE UND ELEKTRISCHE SPEZIFIKATIONEN / CARATTERISTICHE GENERALI ED ELETTRICHE / ESPECIFICAÇÕES GERAIS E ELÉTRICAS / ОБЩИЕ И ЭЛЕКТРИЧЕСКИЕ ХАРАКТЕРИСТИКИ / SPECYFIKACJA OGÓLNA I ELEKTRYCZNA	C°	-45 ºC ~+60 ºC	-45 ºC ~+60 ºC	-45 ºC ~+60 ºC
		10%~90% RH	10%~90% RH	10%~90% RH
	LIFE	⩾ 30.000	⩾ 30.000	⩾ 30.000
	VAC	110/220 VAC +/- 15%	110/220 VAC +/- 15%	110/220 VAC +/- 15%
	Hz	47/63 Hz	47/63 Hz	47/63 Hz
	SIGNAL TRANSFER - TRANSMISIÓN DE SEÑAL	LAN Cable	LAN Cable	LAN Cable
	CONTROL SYSTEM - SISTEMA DE CONTROL	Computer control	Computer control	Computer control

OUTDOOR TUBES

TUBOS EXTERIOR
TUBES D'EXTÉRIEUR
AUSSEN RÖHREN
TUBI ESTERNI
TUBOS DE EXTERIOR
СВЕТОДИОДНЫЕ ТРУБКИ ДЛЯ УЛИЧНОГО ПРИМЕНЕНИЯ
TUBY ZEWNĘTRZNE






LT-20

IP65 OUT

ESPECIFICACIONES DEL PÍXEL / PIXEL PARAMETER / CARACTERISTIQUES DU PIXEL / PIXEL-SPEZIFIKATIONEN / CARATTERISTICHE DEL PIXEL / ESPECIFICAÇÕES DO PIXEL / ХАРАКТЕРИСТИКИ ПИКСЕЛЕЙ / SPECYFIKACJA PIKSELI	mm	20
	SMD 3 in 1	SMD 5050 / RGB (3 IN 1)
	Leds/m²	48
ESPECIFICACIONES DEL MÓDULO / MODULE SPECIFICATIONS / CARACTERISTIQUES DU MODULE / MODUL-SPEZIFIKATIONEN / CARATTERISTICHE DEL MODULO / ESPECIFICAÇÕES DO MÓDULO / ХАРАКТЕРИСТИКИ МОДУЛЯ / SPECYFIKACJA MODUŁU	DIFFUSER COLOUR - COLOR DEL DIFUSOR	TRANSPARENT Optional: WHITE
	DIFFUSER MATERIAL - MATERIAL DIFUSOR	PC
	HOUSING MATERIAL - MATERIAL DEL MÓDULO	ALU
	Kg	0,9
	MAX POWER W	12W /m
	nº Led	8 pixels (8 groups x 6 Leds)
ESPECIFICACIONES ÓPTICAS / OPTIC SPECIFICATIONS / CARACTERISTIQUES OPTIQUES / SPEZIFIKATIONEN DER LINSEN / SPECIFICAZIONI OTTICHE / ESPECIFICAÇÕES ÓTICAS / ОПТИЧЕСКИЕ ХАРАКТЕРИСТИКИ / SPECYFIKACJA UKŁADU OPTYCZNEGO	M	20 - 25
	vertical / horizontal	180º
	FLUX (lm)	300
	Bit	16
	24 Bit	16,7M (24 bits)
ESPECIFICACIONES GENERALES Y ELÉCTRICAS / GENERAL AND ELECTRIC SPECIFICATIONS / CARACTERISTIQUES GÉNÉRALES ET ELECTRIQUES / ALLGEMEINE UND ELEKTRISCHE SPEZIFIKATIONEN / CARATTERISTICHE GENERALI ED ELETTRICHE / ESPECIFICAÇÕES GERAIS E ELÉTRICAS / ОБЩИЕ И ЭЛЕКТРИЧЕСКИЕ ХАРАКТЕРИСТИКИ / SPECYFIKACJA OGÓLNA I ELEKTRYCZNA	C°	-45 ºC ~+55 ºC
		10%~90% RH
	LIFE	⩾ 30.000
	VAC	24 vdc
	CONNECTOR - CONECTOR	SPI
	CONECT MODE - MODO DE CONEXIÓN	SIGNAL+POWER
	CONTROL SYSTEM - SISTEMA DE CONTROL	Computer control and SD card control system

EMOTIONAL

INDOOR DISPLAY

PANTALLA INTERIOR
ÉCRAN D'INTÉRIEUR
INNEN DISPLAY
SCHERMO INTERNO
ECRÃ DE INTERIOR
ЭКРАНЫ ДЛЯ ИНТЕРЬЕРА ПОМЕЩЕНИЙ
EKRAN WEWNĘTRZNY

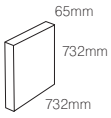


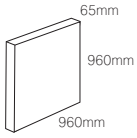
		ID-4	ID-5	ID-6
		CE · IP42 · IN	CE · IP42 · IN	CE · IP42 · IN
ESPECIFICACIONES DEL PIXEL · PIXEL PARAMETER · CARACTERISTIQUES DU PIXEL · PIXEL-SPEZIFIKATIONEN · CARATTERISTICHE DEL PIXEL · ESPECIFICAÇÕES DO PIXEL · ХАРАКТЕРИСТИКИ ПИКСЕЛЕЙ · SPECYFIKACJA PIKSELI	mm	4	5	6
	SMD 3 in 1	SMD 2121 / RGB (3 IN 1)	SMD 3528 / RGB (3 IN 1)	SMD 3528 / RGB (3 IN 1)
	Leds/m²	62.500	40.000	27.889
ESPECIFICACIONES DEL MODULO · MODULE SPECIFICATIONS · CARACTÉRISTIQUES DU MODULE · MODUL-SPEZIFIKATIONEN · CARATTERISTICHE DEL MODULO · ESPECIFICAÇÕES DO MÓDULO · ХАРАКТЕРИСТИКИ МОДУЛЯ · SPECYFIKACJA MODUŁU	CABINET MATERIAL - MATERIAL DEL MÓDULO	ALU	ALU	ALU
	Kg	8	8	7.5
	MAX POWER W	1300W/m²	400W/m²	300W/m³
ESPECIFICACIONES ÓPTICAS · OPTIC SPECIFICATIONS · CARACTÉRISTIQUES OPTIQUES · SPEZIFIKATIONEN DER LINSEN · SPECIFICAZIONI OTTICHE · ESPECIFICAÇÕES ÓTICAS · ОПТИЧЕСКИЕ ХАРАКТЕРИСТИКИ · SPECYFIKACJA UKŁADU OPTYCZNEGO	M	4 - 8	5 - 9	6 - 10
	vertical · horizontal	140º	130º	130º
	Cd/m²	4000	4000	2500
	GREY SCALE	65536	4096	4096
	Mhz	⩾ 2000	4000	2000
	Bit	16	16	16
	24 Bit	16,7M (24 bits)	16,7M (24 bits)	16,7M (24 bits)
ESPECIFICACIONES GENERALES Y ELÉTRICAS · GENERAL AND ELECTRIC SPECIFICATIONS · CARACTÉRISTIQUES GÉNÉRALES ET ÉLECTRIQUES · ALLGEMEINE UND ELEKTRISCHE SPEZIFIKATIONEN · CARATTERISTICHE GENERALI ED ELETTRICHE · ESPECIFICAÇÕES GERAIS E ELÉTRICAS · ОБЩИЕ И ЭЛЕКТРИЧЕСКИЕ ХАРАКТЕРИСТИКИ · SPECYFIKACJA OGÓLNA I ELEKTRYCZNA	C°	-20 ºC ~+60 ºC	-20 ºC ~+60 ºC	-20 ºC ~+60 ºC
		10%~90% RH	10%~90% RH	10%~90% RH
	LIFE	⩾ 30.000	⩾ 30.000	⩾ 30.000
	VAC	110/220 VAC +/- 15%	110/220 VAC +/- 15%	110/220 VAC +/- 15%
	Hz	47/63 Hz	47/63 Hz	47/63 Hz
	SIGNAL TRANSFER - TRANSMISIÓN DE SEÑAL	LAN Cable	LAN Cable	LAN Cable
	CONTROL SYSTEM - SISTEMA DE CONTROL	Computer control	Computer control	Computer control

INDOOR DISPLAY

PANTALLA INTERIOR
ÉCRAN D'INTÉRIEUR
INNEN DISPLAY
SCHERMO INTERNO
ECRÃ DE INTERIOR
ЭКРАНЫ ДЛЯ ИНТЕРЬЕРА ПОМЕЩЕНИЙ
EKRAN WEWNĘTRZNY





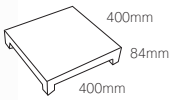


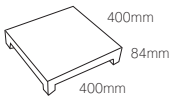
		ID-762	ID-10
		CE · IP42 · IN	CE · IP42 · IN
ESPECIFICACIONES DEL PIXEL · PIXEL PARAMETER · CARACTERÍSTIQUES DU PIXEL · PIXEL-SPEZIFIKATIONEN · CARATTERISTICHE DEL PIXEL · ESPECIFICAÇÕES DO PIXEL · ХАРАКТЕРИСТИКИ ПИКСЕЛЕЙ · SPECYFIKACJA PIKSELI	mm	7,62	10
	SMD 3 in 1	SMD 3528 / RGB (3 IN 1)	SMD 3528 / RGB (3 IN 1)
	Leds/m²	17.222	10.000
ESPECIFICACIONES DEL MÓDULO · MODULE SPECIFICATIONS · CARACTÉRISTIQUES DU MODULE · MODUL-SPEZIFIKATIONEN · CARATTERISTICHE DEL MODULO · ESPECIFICAÇÕES DO MÓDULO · ХАРАКТЕРИСТИКИ МОДУЛЯ · SPECYFIKACJA MODUŁU	CABINET MATERIAL - MATERIAL DEL MÓDULO	ALU	ALU
	Kg	13	25
	MAX POWER W	600W/m²	440W/m²
ESPECIFICACIONES OPTICAS · OPTIC SPECIFICATIONS · CARACTÉRISTIQUES OPTIQUES · SPEZIFIKATIONEN DER LINSEN · SPECIFICAZIONI OTTICHE · ESPECIFICAÇÕES ÓTICAS · ОПТИЧЕСКИЕ ХАРАКТЕРИСТИКИ · SPECYFIKACJA UKŁADU OPTYCZNEGO	M	8 - 12	10 - 15
	vertical / horizontal	130º	130º
	Cd/m²	2000	1100
	GREY SCALE	4096	4096
	Mhz	400	400
	Bit	16	16
	24 Bit	16,7M (24 bits)	16,7M (24 bits)
ESPECIFICACIONES GENERALES Y ELÉCTRICAS · GENERAL AND ELECTRIC SPECIFICATIONS · CARACTÉRISTIQUES GÉNÉRALES ET ÉLECTRIQUES · ALLGEMEINE UND ELEKTRISCHE SPEZIFIKATIONEN · CARATTERISTICHE GENERALI ED ELETTRICHE · ESPECIFICAÇÕES GERAIS E ELÉTRICAS · ОБЩИЕ И ЭЛЕКТРИЧЕСКИЕ ХАРАКТЕРИСТИКИ · SPECYFIKACJA OGÓLNA I ELEKTRYCZNA	C°	-20 ºC ~+60 ºC	-20 ºC ~+60 ºC
		10%~90% RH	10%~90% RH
	LIFE	⩾ 30.000	⩾ 30.000
	VAC	110/220 VAC +/- 15%	110/220 VAC +/- 15%
	Hz	47/63 Hz	47/63 Hz
	SIGNAL TRANSFER - TRANSMISIÓN DE SEÑAL	LAN Cable	LAN Cable
	CONTROL SYSTEM - SISTEMA DE CONTROL	Computer control	Computer control

LED FLOOR

SUELO LED
SOL LED
LED BODENEINBAU
PAVIMENTO LED
LED DE CHÃO
СВЕТОДИОДНЫЙ ПОЛ
PODŁOGA LED





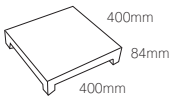


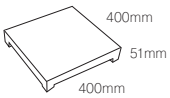
		DF-20	DF-25
		CE · Front IP65 · Back IP54 · IN	CE · Front IP65 · Back IP54 · IN
ESPECIFICACIONES DEL PIXEL · PIXEL PARAMETER · CARACTERÍSTICAS DU PIXEL · PIXEL-SPEZIFIKATIONEN · CARATTERISTICHE DEL PIXEL · ESPECIFICAÇÕES DO PIXEL · ХАРАКТЕРИСТИКИ ПИКСЕЛЕЙ · SPECYFIKACJA PIKSELI	I mm	20	25
	SMD 3 in 1	SMD 3528 / RGB (3 IN 1)	SMD 3528 / RGB (3 IN 1)
	Leds/m²	2.500	1.600
ESPECIFICACIONES DEL MÓDULO · MODULE SPECIFICATIONS · CARACTÉRISTIQUES DU MODULE · MODUL-SPEZIFIKATIONEN · CARATTERISTICHE DEL MODULO · ESPECIFICAÇÕES DO MÓDULO · ХАРАКТЕРИСТИКИ МОДУЛЯ · SPECYFIKACJA MODUŁU	DIFFUSER COLOUR - COLOR DEL DIFUSOR	FRO white	FRO white
	DIFFUSER MATERIAL- MATERIAL DIFUSOR	ACR (UV)	ACR (UV)
	HOUSING MATERIAL - MATERIAL DEL MÓDULO	ST	ST
	Kg	8	8
	static Kg/m²	500	500
	MAX POWER W	188W /m²	125W /m²
ESPECIFICACIONES ÓPTICAS · OPTIC SPECIFICATIONS · CARACTÉRISTIQUES OPTIQUES · SPEZIFIKATIONEN DER LINSEN · SPECIFICAZIONI OTTICHE · ESPECIFICAÇÕES ÓTICAS · ОПТИЧЕСКИЕ ХАРАКТЕРИСТИКИ · SPECYFIKACJA UKŁADU OPTYCZNEGO	vertical · horizontal	135º	135º
	Cd/m²	2200	2000
	Mhz	400	400
	Bit	16	16
	24 Bit	16,7M (24 bits)	16,7M (24 bits)
ESPECIFICACIONES GENERALES Y ELÉCTRICAS · GENERAL AND ELECTRIC SPECIFICATIONS · CARACTÉRISTIQUES GÉNÉRALES ET ÉLECTRIQUES · ALLGEMEINE UND ELEKTRISCHE SPEZIFIKATIONEN · CARATTERISTICHE GENERALI ED ELETTRICHE · ESPECIFICAÇÕES GERAIS E ELÉTRICAS · ОБЩИЕ И ЭЛЕКТРИЧЕСКИЕ ХАРАКТЕРИСТИКИ · SPECYFIKACJA OGÓLNA I ELEKTRYCZNA	C°	-45 ºC ~+60 ºC	-45 ºC ~+60 ºC
		10%~90% RH	10%~90% RH
	LIFE	⩾ 30.000	⩾ 30.000
	VAC	180-240 VAC	180-240 VAC
	Hz	47/63 Hz	47/63 Hz
	SIGNAL TRANSFER - TRANSMISIÓN DE SEÑAL	LAN Cable	LAN Cable
	CONTROL SYSTEM - SISTEMA DE CONTROL	Computer control	Computer control

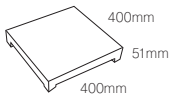
LED FLOOR

SUELO LED
SOL LED
LED BODENEINBAU
PAVIMENTO LED
LED DE CHÃO
СВЕТОДИОДНЫЙ ПОЛ
PODŁOGA LED









		DF-50-A	DF-50-B	DF-50-C
		CE · Front IP65 · Back IP54 · IN	CE · Front IP65 · Back IP54 · IN · Interactive	CE · Front IP65 · Back IP54 · IN
ESPECIFICACIONES DEL PIXEL / PIXEL PARAMETER / CARACTERÍSTIQUES DU PIXEL / PIXEL-SPEZIFIKATIONEN / CARATTERISTICHE DEL PIXEL / ESPECIFICAÇÕES DO PIXEL / ХАРАКТЕРИСТИКИ ПИКСЕЛЕЙ / SPECYFIKACJA PIKSELI	i mm	50	50	50
	SMD 3 in 1	SMD 3528 / RGB (3 IN 1)	SMD 5050 / RGB (3 IN 1)	SMD 5050 / RGB (3 IN 1)
	Leds/m²	400	400	400
ESPECIFICACIONES DEL MÓDULO / MODULE SPECIFICATIONS / CARACTÉRISTIQUES DU MODULE / MODUL-SPEZIFIKATIONEN / CARATTERISTICHE DEL MODULO / ESPECIFICAÇÕES DO MÓDULO / ХАРАКТЕРИСТИКИ МОДУЛЯ / SPECYFIKACJA MODUŁU	DIFFUSER COLOUR - COLOR DEL DIFUSOR	FRO white	SMOKED	SMOKED
	DIFFUSER MATERIAL - MATERIAL DIFUSOR	ACR (UV)	GLA Toughened	GLA Toughened
	HOUSING MATERIAL - MATERIAL DEL MÓDULO	ST	ST	ST
	Kg	8	9	9
	static Kg/m²	500	500	500
	MAX POWER W	82W /m²	82W /m²	82W /m²
ESPECIFICACIONES ÓPTICAS / OPTIC SPECIFICATIONS / CARACTÉRISTIQUES OPTIQUES / SPEZIFIKATIONEN DER LINSEN / SPECIFICAZIONI OTTICHE / ESPECIFICAÇÕES ÓTICAS / ОПТИЧЕСКИЕ ХАРАКТЕРИСТИКИ / SPECYFIKACJA UKŁADU OPTYCZNEGO	vertical · horizontal	135º	130º	130º
	Cd/m²	1800	1000	1000
	Mhz	400	1200	1200
	Bit	16	16	16
	24 Bit	16,7M (24 bits)	16,7M (24 bits)	16,7M (24 bits)
ESPECIFICACIONES GENERALES Y ELÉCTRICAS / GENERAL AND ELECTRIC SPECIFICATIONS / CARACTÉRISTIQUES GÉNÉRALES ET ÉLECTRIQUES / ALLGEMEINE UND ELEKTRISCHE SPEZIFIKATIONEN / CARATTERISTICHE GENERALI ED ELETTRICHE / ESPECIFICAÇÕES GERAIS E ELÉTRICAS / ОБЩИЕ И ЭЛЕКТРИЧЕСКИЕ ХАРАКТЕРИСТИКИ / SPECYFIKACJA OGÓLNA I ELEKTRYCZNA	C°	-45 ºC ~+60 ºC	-45 ºC ~+60 ºC	-45 ºC ~+60 ºC
		10%~90% RH	10%~90% RH	10%~90% RH
	LIFE	⩾ 30.000	⩾ 30.000	⩾ 30.000
	VAC	180-240 VAC	180-240 VAC	180-240 VAC
	Hz	47/63 Hz	47/63 Hz	47/63 Hz
	SIGNAL TRANSFER - TRANSMISIÓN DE SEÑAL	LAN Cable	LAN Cable	LAN Cable
	CONTROL SYSTEM - SISTEMA DE CONTROL	Computer control	Interactive control system	Computer control

CARACTERÍSTICAS GENERALES DE LA COTIZACIÓN EMOTIONAL LIGHTING
Software y sistema de control - INCLUIDO a no ser que se requiera lo contrario.
La estructura de fijación se incluirá o no dependiendo del tipo de proyecto existiendo la posibilidad de entregar los planos de esta para que el cliente la puede desarrollar.
Asesoramiento en obra – INCLUIDO. (Un técnico de LEDS-C4)
Montaje en obra – NO INCLUIDO a no ser que se requiera.

SE NECESITA LA SIGUIENTE INFORMACIÓN PARA LA COTIZACIÓN:
Descripción de la idea del proyecto.
¿Qué aplicación/es (suelo, pared, techo) tiene el proyecto?
¿Qué finalidad tiene el proyecto? ¿Video o LEDMOTION?
¿Distancia de visionado del proyecto?
¿Interior o Exterior?
¿Día y/o Noche?
¿Medidas?
Descripción de ubicación.
Dibujos y/o Renders de la instalación.
Presupuesto (opcional)

GENERAL FEATURES OF THE EMOTIONAL LIGHTING QUOTATION
Software and control system - INCLUDED unless not required by the customer
The fixing structure may or may not be included depending on the type of project. It is possible to hand in the drawings of this structure for the client to develop it.
On-site advice - INCLUDED. (LEDS-C4 engineer)
On-site set-up - NOT INCLUDED, unless needed.

THE FOLLOWING INFORMATION IS REQUIRED FOR QUOTATIONS:
Description of the project idea.
What is the application(s) (floor, wall, ceiling) of the project?
What is the purpose of the project? Video or LEDMOTION?
Viewing distance of the project?
Indoors or outdoors?
Day and/or night?
Measurements?
Location description.
Drawings and/or renders of the installation.
Budget (optional)

CARACTÉRISTIQUES GÉNÉRALES DE L'ESTIMATION EMOTIONAL LIGHTING
Logiciel et système de contrôle - FOURNI, sauf autre condition requise
La structure de fixation sera fournie ou non en fonction du type de projet, avec possibilité de livrer les plans de cette dernière pour que le client puisse la développer.
Conseil sur site – FOURNI (un technicien de Leds-C4)
Montage sur site – NON FOURNI sauf s'il s'avère nécessaire.

LES INFORMATIONS SUIVANTES SONT NÉCESSAIRES À L'ESTIMATION:
Description de l'idée du projet.
À quelle application (sol, mur, plafond) le projet est-il destiné ?
Quelle est la finalité du projet ? Vidéo ou LEDMOTION ?
Distance de visionnage du projet ?
Intérieur ou extérieur ?
Jour ou nuit ?
Dimensions ?
Description de l'emplacement.
Dessins et/ou rendus de l'installation.
Devis (en option)

ALLGEMEINE MERKMALE FÜR DAS KOSTENANGEBOT FÜR EMOTIONAL LIGHTING
Software und Steuersystem - ENTHALTEN, sofern nicht vom Kunden anders gewünscht
Ob die Befestigungselemente im Preis enthalten sind oder nicht, hängt von den Projektdetails ab. Es können die Pläne zur Verfügung gestellt werden, damit der Kunde sein eigenes Befestigungssystem entwerfen kann.
Beratung an der Baustelle – INKLUSIVE. (Techniker von LEDS-C4)
Montage an der Baustelle – NICHT ENTHALTEN, sofern nicht vom Kunden angefordert

ZUR ERSTELLUNG EINES KOSTENANGEBOTS SIND DIE FOLGENDEN ANGABEN NOTWENDIG:
Beschreibung des geplanten Bauprojekts.
Wo wird das Beleuchtungssystem angebracht (Boden, Wand, Decke)?
Einsatzzweck/Verwendung des fertigen Systems Video oder LEDMOTION?
Blickdistanz des Projekts
Innen oder Außen?
Tag und/oder Abend/Nacht
Maße
Beschreibung des Installationsorts
Zeichnungen und/oder Render der Installation
Zur Verfügung stehendes Budget / Kostenrahmen (optionell)

CARATTERISTICHE GENERALI DELL' EMOTIONAL LIGHTING
Software e sistema di controllo INCLUSO salvo diverse indicazioni.
La struttura di fissaggio verrà inclusa o no in base al tipo di progetto ed esiste la possibilità di consegnarne in modo che il cliente la possa assemblare.
Consulenza durante i lavori – INCLUSA. (Un tecnico di LEDS-C4)
Montaggio durante i lavori – NON INCLUSO a meno che non si richieda.

PER LA VALUTAZIONE SONO NECESSARIE LE SEGUENTI INFORMAZIONI:
Descrizione le diverse parti del progetto.
Quale/i applicazione/i (pavimento, muro, soffitto) prevede il progetto?
Quale finalità ha il progetto? Video o LEDMOTION?
La distanza di visualizzazione del progetto?
Per Interni o Esterni?
Giorno e/o Notte?
Misure?
Descrizione della localizzazione.
Disegni e/o Renders dell'installazione.
Preventivo (facoltativo)

CARACTERÍSTICAS GERAIS DA COTAÇÃO DE EMOTIONAL LIGHTING
Software e sistema de controlo – INCLUÍDO, exceto se existirem necessidades em contrário.
A estrutura de fixação será ou não incluída com base no tipo de projeto, existindo a possibilidade de entregar os planos da mesma para que o cliente a possa desenvolver.
Assistência em obra – INCLUÍDA. (Um técnico de Leds-c4)
Montagem em obra – NÃO INCLUÍDA, exceto se necessário.

SÃO NECESSÁRIAS AS SEGUINTES INFORMAÇÕES PARA A COTAÇÃO:
Descrição da ideia do projeto.
Que aplicações (solo, parede, tecto) tem o projeto?
Qual é a finalidade do projeto? Vídeo ou LEDMOTION?
Qual é a distância de visualização do projeto?
Interior ou exterior?
Dia e/ou noite?
Medidas?
Descrição do local.
Desenhos e/ou Renders da instalação.
Orçamento (opcional)

ОБЩИЕ ХАРАКТЕРИСТИКИ СОСТАВЛЕНИЯ СМЕТ EMOTIONAL LIGHTING
Программное обеспечение и система контроля – ВКЛЮЧЕНЫ, если нет договоренности о противном.
Структура крепежа включена или не включена, в зависимости от типа проекта; существует возможность передачи планов этой системы, чтобы клиент мог сам ее спроектировать.
Консалтинг на месте работ – ВКЛЮЧЕН (один представитель технического персонала фирмы «LEDS-C4»)
Монтаж на месте работ – НЕ ВКЛЮЧЕН, если нет договоренности о противном

ДЛЯ СОСТАВЛЕНИЯ СМЕТЫ НЕОБХОДИМА СЛЕДУЮЩАЯ ИНФОРМАЦИЯ:
Описание идеи проекта.
Место крепления осветительных приборов (пол, стена, потолок)
Назначение проекта. Видео или свет с датчиком движения?
Каково расстояние для визуального восприятия проекта?
Для уличного применения или интерьера помещений?
Для дневного или ночного восприятия?
Размеры?
Описание местоположения
Рисунок и/или компьютерная визуализация инсталляции.
Смета (по выбору)

OGÓLNE CECHY WYCENY EMOTIONAL LIGHTING
Oprogramowanie i system sterowania – ZAWARTE chyba, że czegoś innego się wymaga.
Układ mocujący zostanie dołączony bądź nie w zależności od rodzaju projektu, istnieje możliwość przekazania jego planów tak, aby klient mógł go opracować.
Doradztwo na budowie – ZAWARTE. (Jeden technik firmy LEDS-C4)
Montaż na budowie – NIEZAWARTY chyba, że jest wymagany.

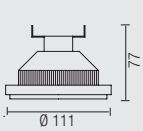
POTRZEBNE SĄ NASTĘPUJĄCE INFORMACJE DLA WYKONANIA WYCENY:
Opis pomysłu projektu.
Jakie zastosowanie/a (na podłodze, ścianie, suficie) ma ten projekt?
Jaki cel ma ten projekt? Film wideo czy LEDMOTION?
Odległość widzenia projektu?
Wewnątrz czy na zewnątrz?
W dzień i/lub w nocy?
Wymiary?
Opis położenia.
Rysunki i/lub renderowanie instalacji.
Ustalony budżet (do wyboru)



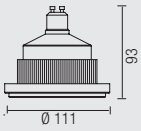
LAMPS

LÁMPARAS
LAMPES
LEUCHTMITTEL
LAMPADINE
LÂMPADAS
ЛАМПЫ
ŻARÓWK

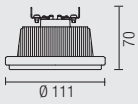
AR LED



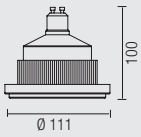
AR-111 G53
10W



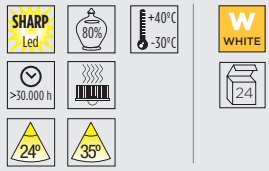
AR-111 GU10
10W



AR-111 G53
15W



AR-111 GU10
15W



10W = equivalente a as bright as 50w Halogen

15W = equivalente a as bright as 75w Halogen





AR-111 G53



AR-111 GU10



AR-111

		V	W	K	XX°	I (cd)	lm		Dimming
ACT-FLL-015	GU10	220-240	10	3000K	24°	4200	532	> 30000	R,L R,L,C
ACT-FLL-017	GU10	220-240	10	3000K	35°	2000	483	> 30000	R,L R,L,C



AR-111

		V	W	K	XX°	I (cd)	lm		Dimming
ACT-FLL-032	GU10	220-240	15	3000K	24°	6000	802	>30000	R,L R,L,C
ACT-FLL-033	GU10	220-240	15	3000K	35°	3000	892	>30000	R,L R,L,C



AR-111

		V	W	K	XX°	I (cd)	lm	
ACT-FLL-011	G53	12	10	3000K	24°	4200	532	> 30000
ACT-FLL-013	G53	12	10	3000K	35°	2000	483	> 30000



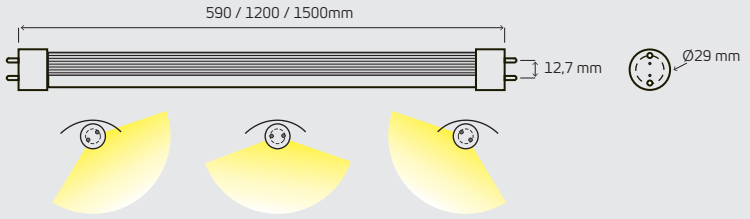
AR-111

		V	W	K	XX°	I (cd)	lm	
ACT-FLL-030	G53	12	15	3000K	24°	6000	802	>30000
ACT-FLL-031	G53	12	15	3000K	35°	3000	892	>30000

1 Driver = 1 G53

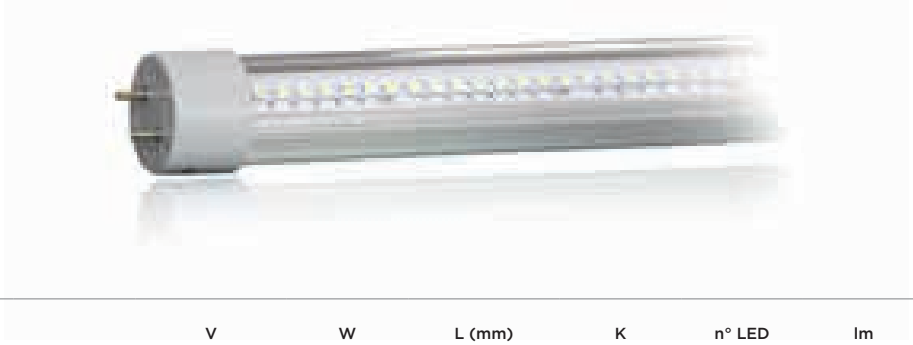


71-3281-00-00	20-60W	230-240V	IP 20	20,5 x 36 x 110mm





		V	W	L (mm)	K	n° LED	lm	
ACT-FLL-036	G13	100-240 VAC	10	590 mm	5500K	96	748	10
ACT-FLL-037	G13	100-240 VAC	10	590 mm	3000K	96	701	10
ACT-FLL-038	G13	100-240 VAC	18	1200 mm	5500K	192	1513	32
ACT-FLL-039	G13	100-240 VAC	18	1200 mm	3000K	192	1354	32
ACT-FLL-040	G13	100-240 VAC	24	1500 mm	5500K	240	1904	32
ACT-FLL-041	G13	100-240 VAC	24	1500 mm	3000K	240	1735	32

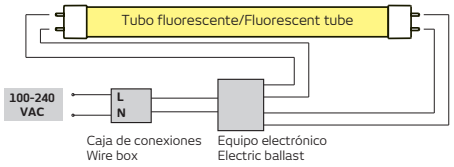


		V	W	L (mm)	K	n° LED	lm	
ACT-FLL-042	G13	100-240 VAC	10	590 mm	5500K	96	898	10
ACT-FLL-043	G13	100-240 VAC	10	590 mm	3000K	96	858	10
ACT-FLL-044	G13	100-240 VAC	18	1200 mm	5500K	192	1862	32
ACT-FLL-045	G13	100-240 VAC	18	1200 mm	3000K	192	1645	32
ACT-FLL-046	G13	100-240 VAC	24	1500 mm	5500K	240	2285	32
ACT-FLL-047	G13	100-240 VAC	24	1500 mm	3000K	240	2042	32

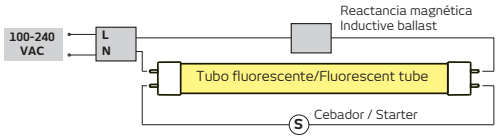
INSTALACIÓN DE TUBO LED / LED TUBE INSTALLATION

INSTALACIÓN EXISTENTE / CURRENT INSTALLATION
Tubo fluorescente / Fluorescent tube

Equipo electrónico /
Electric ballast

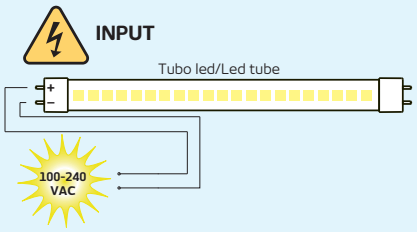


Reactancia magnética /
Inductive ballast

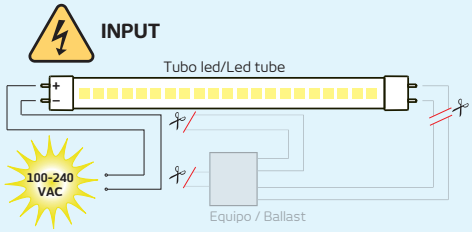


INSTALACIÓN NUEVA / NEW INSTALLATION
Tubo led / Led tube

OPCION 1 / OPTION 1
Desconectando el balastro y retirándolo / Disconnecting ballast and removing it



OPCION 2 / OPTION 2
Desconectando el balastro sin retirarlo / Disconnecting ballast but not removing it



CONSUMO DE POTENCIA REAL / REAL POWER CONSUMPTION

Longitud (mm) Length (mm)	TUBO FLUORESCENTE / FLUORESCENT TUBE			TUBO LED / LED TUBE
	Potencia (W) Power (W)	Reactancia (W) Ballast (W)	Consumo total (W) Total consumption (W)	Consumo total (W) Total consumption (W)
590 mm	18W	1 - 3W	19 - 21W	10W
1200 mm	36W	2 - 5.5W	38.5 - 41.5W	18W
1500 mm	58W	3 - 9W	61 - 67W	24W

ILUMINANCIA REAL / REAL ILUMINANCE

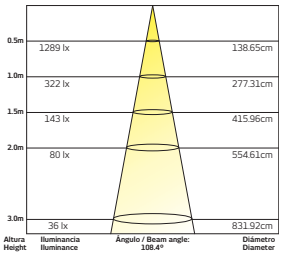
Valores obtenidos a 2.80m de altura, sin luz ambiental. / Data at 2,80m height, without ambience light.

Modelo Model	Potencia (W) Power (W)	Longitud (mm) Length (mm)	N° de tubos N° of tubes	Iluminancia (lx) Iluminance (lx)
Tubo fluorescente OSRAM / OSRAM fluorescent tube	61 - 67W	1500 mm	1	72 lx
Tubo led LEDS-C4 / LEDS-C4 Led tube	24W	1500 mm	1	74 lx

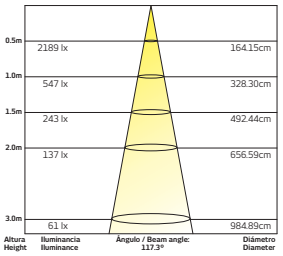
Misma luz
Same light
-50%
de consumo
consumption

DIFUSOR TRANSPARENTE / TRANSPARENT DIFFUSER

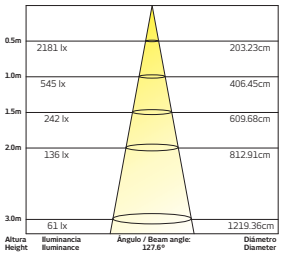
Tubo 590 mm



Tubo 1200 mm

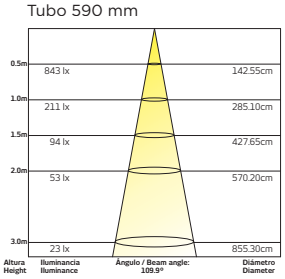


Tubo 1500 mm

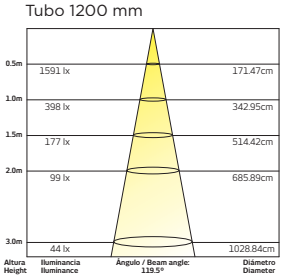


DIFUSOR OPAL / OPAL DIFFUSER

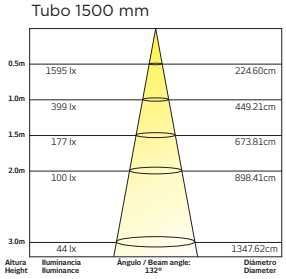
Tubo 590 mm



Tubo 1200 mm



Tubo 1500 mm

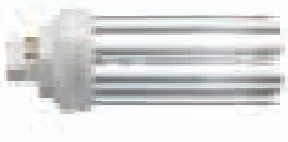




TC-D



TC-DEL



TC-TEL



TC-L

Fluorescente compacta para balastro magnético / Compact fluorescent for magnetic gear / Fluocompacte pour ballast magnétique / Kompaktleuchtstofflampen für magnetisches Vorschaltgerät / Fluorescente compatta per ballast magnetico. / Fluorescente compacta para balastro magnético / Компактная люминесцентная лампа для применения с магнитным балластом / Świetlówka kompaktowa dla statecznika magnetycznego



TC-D

		W	K	V	lm		Ø (mm)	L (mm)		
ACT-FLF-003	G24d-2	18	3.000	230	1.200	8.000	34 x 34	153	10	174 x 81 x 186
ACT-FLF-004	G24d-2	18	3.000	230	1.200	8.000	34 x 34	153	10	174 x 81 x 186
ACT-FLF-005	G24d-3	26	4.000	-	1.800	8.000	-	149	10	192 x 81 x 186
ACT-FLF-006	G24d-3	26	3.000	-	1.800	8.000	-	149	10	192 x 81 x 186

Fluorescente compacta para balastro electrónico / Compact fluorescent for electronic gear / Fluocompacte pour ballast électronique / Kompaktleuchtstofflampen für elektronisches Vorschaltgerät / Fluorescente compatta per ballast elettronico. / Fluorescente compacta para balastro eletrónico / Компактная люминесцентная лампа для применения с электронным балластом / Świetlówka kompaktowa dla statecznika elektronicznego



TC-DEL

		W	K	V	lm		Ø (mm)	L (mm)		
ACT-FLF-009	G24q-2	18	830	230	1.200	10.000	34 x 34	146	10	174 x 81 x 186
ACT-FLF-010	G24q-2	18	840	230	1.200	10.000	34 x 34	146	10	174 x 81 x 186
ACT-FLF-011	G24q-3	26	3.000	-	1.800	10.000	-	149	10	192 x 81 x 186
ACT-FLF-012	G24q-3	26	4.000	-	1.800	10.000	-	149	10	192 x 81 x 186



TC-TEL

		W	K	V	lm		Ø (mm)	L (mm)		
ACT-FLF-013	GX24q-3	26	830	230	1.800	10.000	49 x 45	131	10	156 x 101 x 256
ACT-FLF-014	GX24q-3	26	840	230	1.800	10.000	49 x 45	131	10	156 x 101 x 256

Fluorescente compacta no integrada (cfl-ni) / Compact fluorescent non integrated (cfl-ni) / Fluocompacte non intégrée (cfl-ni) / Fluoreszierende Kompaktlampe nicht enthalten / Fluorescente compatta non integrata (cfl-ni) / Lâmpada fluorescente compacta não integrada (cfl-ni) / Компактная люминесцентная лампа без встроенного балласта (cfl-ni) / Świetlówka kompaktowa niezintegrowana (cfl-ni)



TC-L

		W	K	V	lm		Ø (mm)	L (mm)		
ACT-FLF-021	2G11	18	3.000	-	1.200	8.000	17,5	217	10	260 x 103 x 136
ACT-FLF-022	2G11	24	3.000	-	1.800	8.000	17,5	317	10	365 x 107 x 140
ACT-FLF-023	2G11	40	3.000	-	3.500	8.000	17,5	533	10	581 x 107 x 140



PL E27



GLOBE E27



INDUCTION



INDUCTION

Fluorescente compacta integrada (CFL-i) / Compact fluorescent integrated (CFL-i) / Fluocompacte intégrée (CFL-i) / Fluoreszierende Kompaktlampe enthalten (CFL-i) / Fluorescente compatta integrata (CFL-i) / Lâmpada fluorescente compacta integrada (CFL-i) / Компактная люминесцентная лампа со встроенным балластом (CFL-i) / Świetlówka kompaktowa zintegrowana (CFL-i)



PL E27

		W	K	V	lm		Ø (mm)	L (mm)		
ACT-FLF-042	E27	11	2.500	220-240	660	20.000	45	117	10	145 x 102 x 242
ACT-FLF-043	E27	14	2.500	220-240	820	20.000	45	131	10	145 x 102 x 242
ACT-FLF-044	E27	22	2.500	220-240	1.440	20.000	58	176	10	194 x 127 x 310



GLOBE E27

		W	K	V	lm		Ø (mm)	L (mm)		
ACT-FLF-045	E27	18	2.500	220-240	1.060	10.000	120	170	10	179 x 259 x 630

Inducción magnética / Magnetic induction / Induction magnétique / Magnetinduktionslampe / Induzione magnetica / Indução magnética / Лампа, основанная на принципе магнитной индукции / Indukcja magnetyczna



		W	K	V	lm		Ø (mm)	L (mm)		
ACT-FLQ-001	-	300	5.000	110-240	25.500	100.000	421	90	20	850 x 850 x 670
ACT-FLQ-002	-	250	5.000	110-240	21.600	100.000	363	90	20	730 x 730 x 670
ACT-FLQ-003	-	150	5.000	110-240	12.900	100.000	323	80	20	660 x 660 x 610



		W	K	V	lm		Ø (mm)	L (mm)		
ACT-FLQ-006	-	150	5.000	110-240	12.900	100.000	-	390 x 140 x 80	20	845 x 415 x 610
ACT-FLQ-005	-	250	5.000	110-240	21.000	100.000	-	494 x 148 x 90	20	855 x 535 x 660
ACT-FLQ-004	-	300	5.000	110-240	25.000	100.000	-	494 x 152 x 90	20	855 x 585 x 660



E-27 LED



GX53

Lámparas LED / LED Lamps / Lampes LED / LED-Lampen / Lampade LED / Lâmpadas LED / СД лампы / Lampy LED

E-27

		W	K	V		lm		Ø (mm)	L (mm)		
ACT-FLL-049	E27	7	4.000	100-240	260°	630	>30.000	60	115	10	340 x 140 x 130
ACT-FLL-050	E27	7	3.000	100-240	260°	630	>30.000	60	115	10	340 x 140 x 130

GX53

		W	K	V		lm		Ø (mm)	L (mm)		
ACT-FLL-019	GX53	4	4.000	220-240		250	15.000	75	25	10	660 x 182 x 250

QPAR16

		W	K	V		Dimming	Ø (mm)	L (mm)
ACT-FLL-024	GU10	5	3.000	220-240	24°	-	50	57
ACT-FLL-025	GU10	5	3.000	220-240	35°	-	50	57
ACT-FLL-026	GU10	7	3.000	220-240	24°	-	-	-
ACT-FLL-027	GU10	7	3.000	220-240	35°	-	-	-
ACT-FLL-028	GU10	7	3.000	220-240	24°	Dimming	-	-
ACT-FLL-029	GU10	7	3.000	220-240	35°	Dimming	-	-

MR16

		W	K	V		Dimming	Ø (mm)	L (mm)
ACT-FLL-020	GU5.3	5	3.000	12	24°	-	50	50
ACT-FLL-021	GU5.3	5	3.000	12	35°	-	50	50
ACT-FLL-022	GU5.3	7	3.000	12	24°	-	-	-
ACT-FLL-023	GU5.3	7	3.000	12	35°	-	-	-

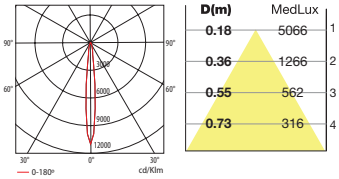
1 Driver = 1 GU5.3



71-3281-00-00	20-60W	230-240V	IP 20	20,5 x 36 x 110mm

DATOS FOTOMÉTRICOS / PHOTOMETRIC DATA / DONNÉES PHOTOMÉTRIQUES / FOTOMETRISCHE DATEN / DATI FOTOMETRICI / DADOS FOTOMÉTRICOS/ ФОТОМЕТРИЧЕСКИЕ ДАННЫЕ / DANE FOTOMETRYCZNE

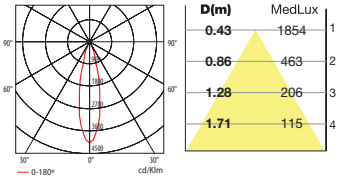
N°1
QR-CBC51 GU 5,3 35W 10°



D(m)	MedLux	
0.18	5066	1
0.36	1266	2
0.55	562	3
0.73	316	4

η=100 %

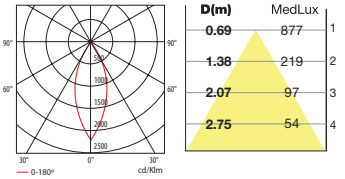
N°2
QR-CBC51 GU 5,3 35W 24°



D(m)	MedLux	
0.43	1854	1
0.86	463	2
1.28	206	3
1.71	115	4

η=100 %

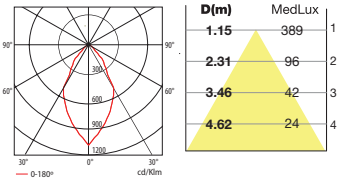
N°3
QR-CBC51 GU 5,3 35W 36°



D(m)	MedLux	
0.69	877	1
1.38	219	2
2.07	97	3
2.75	54	4

η=100 %

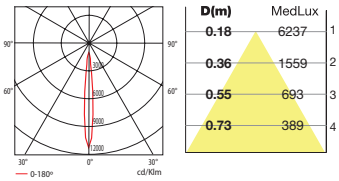
N°4
QR-CBC51 GU 5,3 35W 60°



D(m)	MedLux	
1.15	389	1
2.31	96	2
3.46	42	3
4.62	24	4

η=100 %

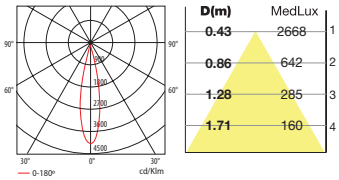
N°5
QR-CBC51 GU 5,3 50W 10°



D(m)	MedLux	
0.18	6237	1
0.36	1559	2
0.55	693	3
0.73	389	4

η=100 %

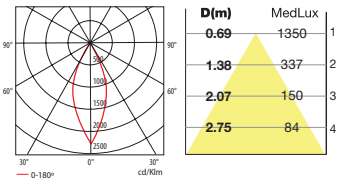
N°6
QR-CBC51 GU 5,3 50W 24°



D(m)	MedLux	
0.43	2668	1
0.86	642	2
1.28	285	3
1.71	160	4

η=100 %

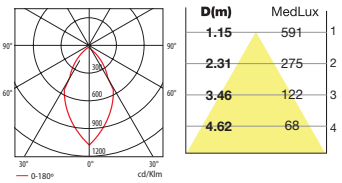
N°7
QR-CBC51 GU 5,3 50W 36°



D(m)	MedLux	
0.69	1350	1
1.38	337	2
2.07	150	3
2.75	84	4

η=100 %

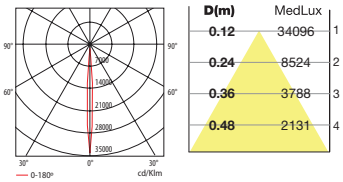
N°8
QR-CBC51 GU 5,3 50W 60°



D(m)	MedLux	
1.15	591	1
2.31	275	2
3.46	122	3
4.62	68	4

η=100 %

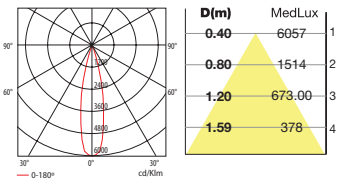
N°9
QR-111 G53 60W 8°



D(m)	MedLux	
0.12	34096	1
0.24	8524	2
0.36	3788	3
0.48	2131	4

η=100 %

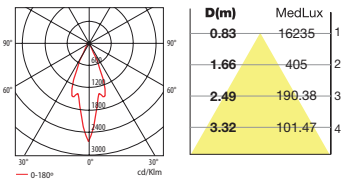
N°10
QR-111 G53 60W 24°



D(m)	MedLux	
0.40	6057	1
0.80	1514	2
1.20	673.00	3
1.59	378	4

η=100 %

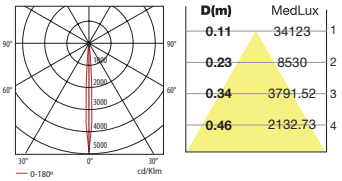
N°11
QR-111 G53 60W 45°



D(m)	MedLux	
0.83	16235	1
1.66	405	2
2.49	190.38	3
3.32	101.47	4

η=100 %

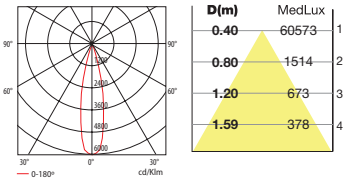
N°12
QR-111 G53 100W 8°



D(m)	MedLux	
0.11	34123	1
0.23	8530	2
0.34	3791.52	3
0.46	2132.73	4

η=100 %

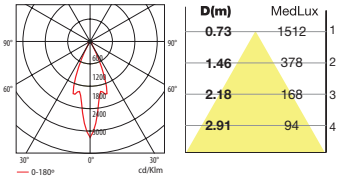
N°13
QR-111 G53 100W 24°



D(m)	MedLux	
0.40	60573	1
0.80	1514	2
1.20	673	3
1.59	378	4

η=100 %

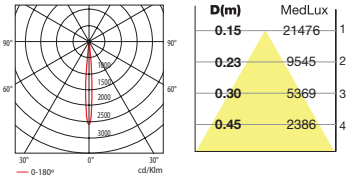
N°14
QR-111 G53 100W 45°



D(m)	MedLux	
0.73	1512	1
1.46	378	2
2.18	168	3
2.91	94	4

η=100 %

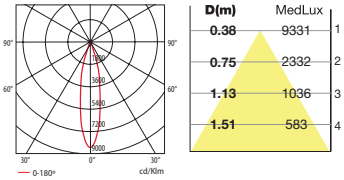
N°15
CDM-R111 GX8.5 35W 10°



D(m)	MedLux	
0.15	21476	1
0.23	9545	2
0.30	5369	3
0.45	2386	4

η=100 %

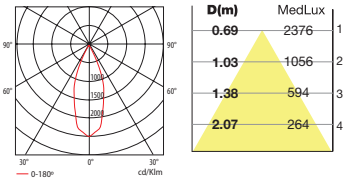
N°16
CDM-R111 GX8.5 35W 24°



D(m)	MedLux	
0.38	9331	1
0.75	2332	2
1.13	1036	3
1.51	583	4

η=100 %

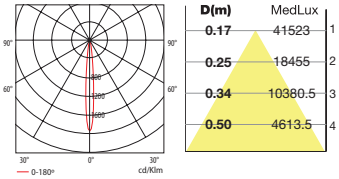
N°17
CDM-R111 GX8.5 35W 40°



D(m)	MedLux	
0.69	2376	1
1.03	1056	2
1.38	594	3
2.07	264	4

η=100 %

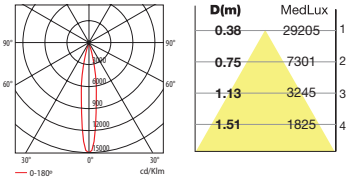
N°18
CDM-R111 GX8.5 70W 10°



D(m)	MedLux	
0.17	41523	1
0.25	18455	2
0.34	10380.5	3
0.50	4613.5	4

η=100 %

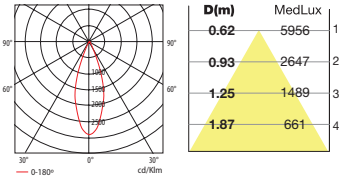
N°19
CDM-R111 GX8.5 70W 24°



D(m)	MedLux	
0.38	29205	1
0.75	7301	2
1.13	3245	3
1.51	1825	4

η=100 %

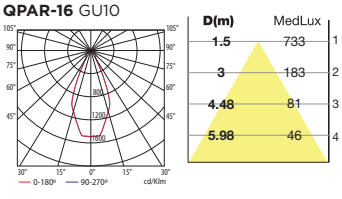
N°20
CDM-R111 GX8.5 70W 40°



D(m)	MedLux	
0.62	5956	1
0.93	2647	2
1.25	1489	3
1.87	661	4

η=100 %

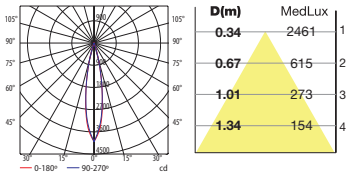
N°21
QPAR-16 GU10



D(m)	MedLux	
1.5	733	1
3	183	2
4.48	81	3
5.98	46	4

η=100 %

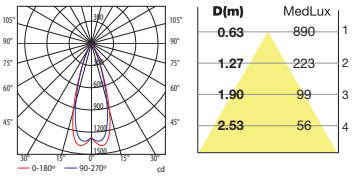
N°22
AR-111 LED GU10/G53 10W 24°



D(m)	MedLux	
0.34	2461	1
0.67	615	2
1.01	273	3
1.34	154	4

η=100 %

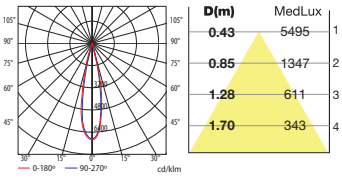
N°23
AR-111 LED GU10/G53 10W 35°



D(m)	MedLux	
0.63	890	1
1.27	223	2
1.90	99	3
2.53	56	4

η=100 %

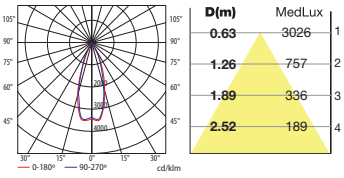
N°24
AR-111 LED GU10/G53 15W 24°



D(m)	MedLux	
0.43	5495	1
0.85	1347	2
1.28	611	3
1.70	343	4

η=100 %

N°25
AR-111 LED GU10/G53 15W 35°



D(m)	MedLux	
0.63	3026	1
1.26	757	2
1.89	336	3
2.52	189	4



ELECTRICAL UNITS ACCESSORIES

UNIDADES ELÉCTRICAS / ACCESORIOS
PLATINES ÉLECTRIQUES / ACCESOIRES
NETZTEILE / ZUBEHÖRE
UNITÁ ELETTRICHE / ACCESSORI
UNIDADES ELÉTRICAS / ACESSÓRIOS
ЭЛЕКТРООБОРУДОВАНИЕ / АКСЕССУАРЫ
CZĘŚCI ELEKTRYCZNE / AKCESORIA

Tabla para la selección de driver. Número máximo de piezas que pueden trabajar con cada equipo.
Driver selection table. Maximum number of pieces that can work with each driver
Tableau de sélection du driver. Nombre maximum de pièces pouvant fonctionner avec chaque appareil
Tabelle für die Auswahl des Treibers. Maximale Anzahl an Teile, die an ein Gerät angeschlossen werden können
Tabella per la selezione del driver. Numero massimo di pezzi che possono funzionare con ciascun dispositivo
Tabela para a seleção de controladores. Número máximo de peças que podem trabalhar com cada equipamento
Таблица для выбора драйвера. Максимальное количество единиц, которые могут работать с каждым устройством
Tablica dla wybrania sterownika. Maksymalna ilość elementów jakie mogą pracować z każdym osprzętem

		ON/OFF																
	CODE	ACT-0803	ACT-0804	ACT-0808	71-4704	71-3477	71-3309	71-3542	71-3305	71-3307	71-3308	71-3478	71-3542	71-4725	71-0744	71-3542	71-0613	71-0612
	INPUT (V)	100-240	100-240	100-240	100-240	100-240	220-240	100-240	100-240	100-240	220-240	100-240	100-240	220-240	220-240	100-240	100-240	100-240
	IP	IP20	IP20	IP20	IP20	IP68	IP20	IP20	IP20	IP20	IP20	IP68	IP20	IP20	IP20	IP20	IP20	IP20
	PAGE	870	870	870	870	870	870	870	870	870	870	870	870	870	870	870	870	870
PRODUCT CODE	CURRENT / SERIE	350 mA	350 mA	350 mA	350 mA	350 mA	500 mA	500 mA	700 mA	700 mA	700 mA	700 mA	700 mA	1050 mA	1050 mA	1050 mA	1900 mA	2000 mA
05-1804	SECRET	max3	max4	max11 (8)	max12 (8)	max7												
05-1808	SECRET	max3	max4	max11 (8)	max12 (8)	max7												
05-2900	SIGN	max3	max4	max11 (8)	max12 (8)	max7	max9		max1	max4	max7	max7 (4)	max18 (14)					
05-2904	SECRET	max3	max4	max11 (8)	max12 (8)	max7												
05-3307	BIT	max3	max4	max11 (8)	max12 (8)	max7	max9		max1	max4	max7	max7 (4)	max18 (14)					
05-3308	BIT	max3	max4	max11 (8)	max12 (8)	max7	max9		max1	max4	max7	max7 (4)	max18 (14)					
05-3314	DOT	max3	max4	max11 (8)	max12 (8)	max7	max9		max1	max4	max7	max7 (4)	max18 (14)					
05-3358	MIDI	max1	max1	max3 (2)	max4 (2)	max2	max3	max6		max1	max2	max2 (1)	max6 (4)					
15-4721	FIT														max1			
15-4722	FIT														max1			
15-4723	FIT							max1										
15-4724	FIT							max1										
15-4725	FIT													max1	min2 max3	max3 (2)		
15-4726	FIT													max1	min2 max3	max3 (2)		
55-9257	GEA	max3	max4	max11 (8)	max12 (8)	max7												
55-9621	GEA	max3	max4	max1 (8)	max12 (8)	max7	max9	max20	max1	max4	max7	max7 (4)	max18 (14)					
55-9622	GEA	max3	max4	max11 (8)	max12 (8)	max7	max9	max20	max1	max4	max7	max7 (4)	max18 (14)					
71-3225	PLAY									max1	max2	max2	max6 (5)					
90-0713	EQUAL																	max1
90-0714	EQUAL																max1	
90-0723	EQUAL																	max1
90-0724	EQUAL																max1	
90-0861	EQUAL																	max1
90-0907	EQUAL																	max1
90-0908	EQUAL																max1	
90-0931	EQUAL																max1	

Entre paréntesis (x) valor para 100-127V. Todas las piezas se conectan en serie.
In brackets (x) value for 100-127V. All elements are connected in series.
Entre parenthèses (x) valeur pour 100-127 V. Toutes les pièces sont reliées en série.
In Klammern (x) Wert für 100-127 V. Alle Teile werden in Reihe geschaltet.
Tra parentesi (x) valore per 100-127V. Tutti i pezzi si collegano in successione.
Entre parênteses (x) valor para 100-127 V. Todas as peças se ligam em série.
В скобках (x) величина для 100-127В. Все части соединены последовательно.
W nawiasie (x) wartość dla 100-127V. Wszystkie elementy podłączane są szeregowo.

ON/OFF + DIMMABLE														
1-10V PUSH	DALI 1-10V PUSH	1-10V PUSH	1-10V PUSH	DALI 1-10V PUSH	1-10V PUSH	1-10V PUSH	DALI 1-10V PUSH	1-10V PUSH	DALI 1-10V PUSH	1-10V PUSH	DALI 1-10V PUSH	DALI 1-10V PUSH		
71-3475	71-4706	71-4708	71-3475	71-4706	71-4708	71-3475	71-4706	71-4708	71-4706	71-4708	71-2413	71-2413	CODE	
100-240	100-240	100-240	100-240	100-240	100-240	100-240	100-240	100-240	100-240	100-240	100-240	100-240	INPUT (V)	
IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP	
871	871	871	871	871	871	871	871	871	871	871	871	871	PAGE	
350 mA	350 mA	350 mA	500 mA	500 mA	500 mA	700 mA	700 mA	700 mA	1050 mA	1050 mA	1050 mA	1750 mA	CURRENT / SERIE	PRODUCT CODE
max12	max20	max20											SECRET	05-1804
max12	max20	max20											SECRET	05-1808
max12	max20	max20	max12 (8)	max20	max20	max9 (5)	max18	max18					SIGN	05-2900
max12	max20	max20											SECRET	05-2904
max12	max20	max20	max12 (8)	max20	max20	max9 (5)	max18	max18					BIT	05-3307
max12	max20	max20	max12 (8)	max20	max20	max9 (5)	max18	max18					BIT	05-3308
max12	max20	max20	max12 (8)	max20	max20	max9 (5)	max18	max18					DOT	05-3314
max4	max6	max6	max4 (2)	max6	max6	max3 (1)	max6	max6					MIDI	05-3358
									max1	max1	max1(0)		FIT	15-4721
									max1	max1	max1(0)		FIT	15-4722
			max1 (0)	max1	max1								FIT	15-4723
			max1 (0)	max1	max1								FIT	15-4724
									max3	max3	max3(2)		FIT	15-4725
									max3	max3	max3(2)		FIT	15-4726
													GEA	55-9257
max12	max20	max20	max12 (8)	max20	max20	max9 (5)	max18	max18					GEA	55-9621
max12	max20	max20	max12 (8)	max20	max20	max9 (5)	max18	max18					GEA	55-9622
						max3 (2)	max6	max6					PLAY	71-3225
												max2 (1)	EQUAL	90-0713
												max1	EQUAL	90-0714
												max2 (1)	EQUAL	90-0723
												max1	EQUAL	90-0724
												max2 (1)	EQUAL	90-0861
												max2 (1)	EQUAL	90-0907
												max1	EQUAL	90-0908
												max1	EQUAL	90-0931

		ON/OFF																
	CODE	ACT-0803	ACT-0804	ACT-0808	71-4704	71-3477	71-3309	71-3542	71-3305	71-3307	71-3308	71-3478	71-3542	71-4725	71-0744	71-3542	71-0613	71-0612
	INPUT (V)	100-240	100-240	100-240	100-240	100-240	220-240	100-240	100-240	100-240	220-240	100-240	100-240	220-240	220-240	100-240	100-240	100-240
	IP	IP20	IP20	IP20	IP20	IP68	IP20	IP20	IP20	IP20	IP20	IP68	IP20	IP20	IP20	IP20	IP20	IP20
	PAGE	870	870	870	870	870	870	870	870	870	870	870	870	870	870	870	870	870
PRODUCT CODE	CURRENT / SERIE	350 mA	350 mA	350 mA	350 mA	350 mA	500 mA	500 mA	700 mA	700 mA	700 mA	700 mA	700 mA	1050 mA	1050 mA	1050 mA	1900 mA	2000 mA
90-1884	DELTA3	max1	max1	max3 (2)	max4 (2)	max2	max3	max6		max1	max2	max2 (1)	max6 (4)					
90-1888	DELTA6			max1	max2 (1)	max1	max1	max3			max1	max1 (0)	max3 (2)					
90-1893	DELTA9			max1 (0)	max1 (0)		max1	max2					max2 (1)					
90-1895	DELTA3	max1	max1	max3 (2)	max4 (2)	max2	max3	max6		max1	max2	max2(1)	max6 (4)					
90-1898	DELTA6			max1	max2 (1)	max1	max1	max3			max1	max1 (0)	max3 (2)					
90-1902	DELTA9			max1 (0)	max1 (0)		max1	max2					max2 (1)					
90-1914	DELTA3	max1	max1	max3 (2)	max4 (2)	max2	max3	max6		max1	max2	max2 (1)	max6 (4)					
90-1921	DELTA6			max1	max2 (1)	max1	max1	max3			max1	max1 (0)	max3 (2)					
90-1922	DELTA9			max1 (0)	max1 (0)		max1	max2					max2 (1)					
90-1923	DELTA3	max1	max1	max3 (2)	max4 (2)	max2	max3	max6		max1	max2	max2 (1)	max6 (4)					
90-1924	DELTA3	max1	max1	max3 (2)	max4(2)	max2	max3	max6		max1	max2	max2 (1)	max6 (4)					
90-1925	DELTA3	max1	max1	max3 (2)	max4 (2)	max2	max3	max6		max1	max2	max2 (1)	max6 (4)					
90-3475	VISION		max1	max2	max3 (2)	max1	max2	max5		max1	max1	max1	max4 (3)					
90-3476	VISION		max1	max2	max3 (2)	max1	max2	max5		max1	max1	max1	max4 (3)					
90-3477	VISION		max1	max2	max3 (2)	max1	max2	max5		max1	max1	max1	max4 (3)					
90-3478	VISION		max1	max2	max3(2)	max1	max2	max5		max1	max1	max1	max4 (3)					
90-3489	OXY	max3	max4	max11 (8)	max12 (8)	max7	max9		max1	max4	max7	max7 (4)	max18 (14)					
90-3490	OXY	max1	max2	max5 (4)	max6 (4)	max3	max4	max10		max2	max3	max3 (2)	max9 (7)					
DN-0289	LEO	max3	max4	max11 (8)	max12 (8)	max7	max9		max1	max4	max7	max7 (4)	max18 (14)					
DN-0290	LEO	max3	max4	max11 (8)	max12 (8)	max7	max9		max1	max4	max7	max7 (4)	max18 (14)					
DN-0472	LEO	max3	max4	max11 (8)	max12 (8)	max7	max9		max1	max4	max7	max7 (4)	max18 (14)					
DN-0511	LEO	max3	max4	max11 (8)	max12 (8)	max7	max9		max1	max4	max7	max7 (4)	max18 (14)					
DN-0512	LEO	max1	max1	max3 (2)	max4 (2)	max2		max6					max6 (4)					
EP-0356	SIGN	max3	max4	max11 (8)	max12 (8)	max7	max9		max1	max4	max7	max7 (4)	max18 (14)					
EP-0360	SIGN	max3	max4	max11 (8)	max12 (8)	max7	max9		max1	max4	max7	max7 (4)	max18 (14)					
EP-1665	SIGN	max3	max4	max11 (8)	max12 (8)	max7	max9		max1	max4	max7	max7 (4)	max18 (14)					

ON/OFF + DIMMABLE														
1-10V PUSH	**DALI 1-10V PUSH**	**1-10V PUSH**	**1-10V PUSH**	**DALI 1-10V PUSH**	**1-10V PUSH**	**1-10V PUSH**	**DALI 1-10V PUSH**	**1-10V PUSH**	**DALI 1-10V PUSH**	**1-10V PUSH**	**DALI 1-10V PUSH**	**DALI 1-10V PUSH**		
71-3475	**71-4706**	**71-4708**	**71-3475**	**71-4706**	**71-4708**	**71-3475**	**71-4706**	**71-4708**	**71-4706**	**71-4708**	**71-2413**	**71-2413**	**CODE**	
100-240	**100-240**	**100-240**	**100-240**	**100-240**	**100-240**	**100-240**	**100-240**	**100-240**	**100-240**	**100-240**	**100-240**	**100-240**	**INPUT (V)**	
IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20	**IP**	
871	**871**	**871**	**871**	**871**	**871**	**871**	**871**	**871**	**871**	**871**	**871**	**871**	**PAGE**	
350 mA	350 mA	350 mA	500 mA	500 mA	500 mA	700 mA	700 mA	700 mA	1050 mA	1050 mA	1050 mA	1750 mA	CURRENT / SERIE	**PRODUCT CODE**
max4	max6	max6	max4 (2)	max6	max6	max3 (1)	max6	max6					**DELTA3**	**90-3426**
max2	max3	max3	max2 (1)	max3	max3	max1 (0)	max3	max3					**DELTA6**	**90-3427**
max1	max2	max2	max1 (0)	max2	max2	max1 (0)	max2	max2					**DELTA9**	**90-3428**
max4	max6	max6	max4(2)	max6	max6	max3 (1)	max6	max6					**DELTA3**	**90-3481**
max2	max3	max3	max2 (1)	max3	max3	max1 (0)	max3	max3					**DELTA6**	**90-3482**
max1	max2	max2	max1 (0)	max2	max2	max1 0)	max2	max2					**DELTA9**	**90-3483**
max4	max6	max6	max4 (2)	max6	max6	max3 (1)	max6	max6					**DELTA3**	**90-3486**
max2	max3	max3	max2 (1)	max3	max3	max1 (0)	max3	max3					**DELTA6**	**90-3487**
max1	max2	max2	max1 (0)	max2	max2	max1 (0)	max2	max2					**DELTA9**	**90-3488**
max4	max6	max6	max4 (2)	max6	max6	max3 (1)	max6	max6					**DELTA3**	**90-3425**
max4	max6	max6	max4 (2)	max6	max6	max3 (1)	max6	max6					**DELTA3**	**90-3480**
max4	max6	max6	max4 (2)	max6	max6	max3 (1)	max6	max6					**DELTA3**	**90-3485**
max3	max5	max5	max3 (2)	max5	max5	max2 (1)	max4	max4					**VISION**	**90-3475**
max3	max5	max5	max3 (2)	max5	max5	max2 (1)	max4	max4					**VISION**	**90-3476**
max3	max5	max5	max3 (2)	max5	max5	max2 (1)	max4	max4					**VISION**	**90-3477**
max3	max5	max5	max3 (2)	max5	max5	max2 (1)	max4	max4					**VISION**	**90-3478**
max12	max20	max20	max12 (8)	max20	max20	max9 (5)	max18	max18					**OXY**	**90-3489**
max6	max10	max10	max6 (4)	max10	max10	max4 (2)	max9	max9					**OXY**	**90-3490**
max12	max20	max20	max12 (8)	max20	max20	max9 (5)	max18	max18					**LEO**	**DN-0289**
max12	max20	max20	max12 (8)	max20	max20	max9 (5)	max18	max18					**LEO**	**DN-0290**
max12	max20	max20	max12 (8)	max20	max20	max9 (5)	max18	max18					**LEO**	**DN-0472**
max12	max20	max20	max12 (8)	max20	max20	max9 (5)	max18	max18					**LEO**	**DN-0511**
max4	max6	max6											**LEO**	**DN-0512**
max12	max20	max20	max12 (8)	max20	max20	max9 (5)	max18	max18					**SIGN**	**EP-0356**
max12	max20	max20	max12 (8)	max20	max20	max9 (5)	max18	max18					**SIGN**	**EP-0360**
max12	max20	max20	max12 (8)	max20	max20	max9 (5)	max18	max18					**SIGN**	**EP-1665**

Tabla para la selección de fuentes de alimentación y/o controladores
Power supply and controller selection table
Tableau de sélection des sources d'alimentation et des contrôleurs
Tabelle zur Auswahl der Netzgeräte und Controller
Tabella per la selezione delle fonti di alimentazione e controller
Tabela para a selecção de fonte de alimentação e controladores
Таблица для выбора источников питания и контроллеров
Tabela doboru zasilaczy i kontrolerów

		POWER SUPPLY								
	CODE	71-0035-00-00	71-0036-00-00	71-0059-00-00	71-0060-00-00	71-3479-00-00	71-0061-00-00	71-0062-00-00	71-0038-00-00	71-0039-00-00
										
	VOLTAGE	12	12	12	12	12	12	12	24	24
	WATTAGE	25	50	72	150	100	240	300	26,4	52,8
	IP	20	20	20	20	67	20	20	20	20
	PAGE	872	872	872	872	872	872	872	872	872

PRODUCT CODE	SERIE	VERSION	VOLT.	W	L(m)	W/M	MAX METERS IN SERIE	MAX METER VS POWER SUPPLY								
91-2343-00-00	RAND HP	CW	12	72	5	14,4	5	1,7mts	3,4mts	5mts	10mts	6,9mts	16mts	10mts		
91-2353-00-00	RAND HP	WW	12	72	5	14,4	5	1,7mts	3,4mts	5mts	10mts	6,9mts	16mts	10mts		
91-3419-00-00	RAND IP	CW	12	24	5	4,8	10	5,2mts	10mts	15mts	31mts	20mts	50mts	62mts		
91-3420-00-00	RAND IP	WW	12	24	5	4,8	10	5,2mts	10mts	15mts	31mts	20mts	50mts	62mts		
91-3473-00-00	SIGMA	WW	12	24	5	4,8	10	5,2mts	10mts	15mts	31mts	20mts	50mts	62mts		
91-0150-00-00	ON ECO	WW	24	24	5	4,8	20								5,5mts	11mts
91-0171-00-00	ON IP ECO	CW	24	24	5	4,8	20								5,5mts	11mts
91-0175-00-00	ON IP ECO	WW	24	24	5	4,8	20								5,5mts	11mts
91-2361-00-00	ON HP	WW	24	72	5	14,4	10								1,8mts	3,6mts
91-2365-00-00	ON HP	CW	24	72	5	14,4	10								1,8mts	3,6mts
91-2379-00-00	ON HP	RGB	24	72	5	14,4	5								1,8mts	3,6mts
91-2488-00-00	ON ECO	RGB	24	36	5	7,2	10								3,6mts	7,3mts
91-2491-00-00	ON IP ECO	RGB	24	36	5	7,2	10								3,6mts	7,3mts
91-2492-00-00	ZENIT	White	24	48	5	9,6	10								2,7mts	5,5mts
91-3227-00-00	FACADE	WW	24	54	15	3,6	15								7,3mts	14mts
91-3228-00-00	FACADE	RGB	24	87	15	5,8	15								4,5mts	9,1mts
91-3244-00-00	FACADE	WW	24	54	15	3,6	15								7,3mts	14mts
91-3245-00-00	FACADE	RGB	24	87	15	5,8	15								4,5mts	9,1mts
91-3282-00-00	ON HP	WW	24	72	5	14,4	10								1,8mts	3,6mts
91-4671-00-00	ON	WW	24	24	5	4,8	20								5,5mts	11mts

						CONTROLLERS												
						WHITE							RGB					
	71-0063-00-00	71-0064-00-00	71-4727-00-00	71-0065-00-00	71-0066-00-00	71-0017-00-00	71-0727-00-00	71-3473-00-00	71-1553-00-00	71-3467-00-00	71-3468-00-00	71-0019-00-00	71-4662-00-00	71-4663-00-00	71-3493-00-00	71-1553-00-00	71-4664-00-00	71-4665-00-00
						Controller with remote control	1-10V Controller	DALI Controller	Amplifier	Zenit controller with remote control	Zenit Amplifier	Controller with remote control	Controller (remote control optional)	Controller (remote control optional)	DMX Controller	Amplifier	Facade controller with remote control	Facade Amplifier
	24	24	24	24	24	12(144W)	12(156W)	12(60W)	12(48W)	12(120W)	12(120W)	12(216W)	12(216W)	12(216W)	12(72W)	12(144W)		
	76,8	156	150	240	312	24(288W)	24(312W)	24(120W)	24(96W)	24(240W)	24(240W)	24(432W)	24(432W)	24(432W)	24(144W)	24(288W)	24(210W)	24(360W)
	20	20	67	20	20	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP65	IP20	IP20	IP20	IP20
	872	**872**	**872**	**872**	**872**	**879**	**879**	**879**	**879**	**213**	**213**	**876**	**876**	**876**	**877**	**879**	**221**	**221**
MAX METER VS POWER SUPPLY						**MAX METER VS CONTROLLER**												
						10mts	10mts	4,1mts	3,3mts									
						10mts	10mts	4,1mts	3,3mts									
						20mts	20mts	12mts	20mts									
						20mts	20mts	12mts	20mts									
						20mts	20mts	12mts	20mts									
	16mts	32mts	31mts	50mts	65mts	60mts	65mts	25mts	20mts									
	16mts	32mts	31mts	50mts	65mts	60mts	65mts	25mts	20mts									
	16mts	32mts	31mts	50mts	65mts	60mts	65mts	25mts	20mts									
	5,3mts	10mts	10mts	16mts	21mts	20mts	21mts	8,3mts	6,6mts									
	5,3mts	10mts	10mts	16mts	21mts	20mts	21mts	8,3mts	6,6mts									
	5,3mts	10mts	10mts	16mts	21mts							30mts	30mts	30mts	10mts	20mts		
	10mts	21mts	20mts	33mts	43mts							60mts	60mts	60mts	20mts	40mts		
	10mts	21mts	20mts	33mts	43mts							60mts	60mts	60mts	20mts	40mts		
	8mts	16mts	15mts	25mts	32mts					25mts	25mts							
	21mts	43mts	41mts	66mts	86mts	80mts	86mts	33mts	26mts									
	13mts	26mts	25mts	41mts	53mts												36mts	62mts
	21mts	43mts	41mts	66mts	86mts	80mts	86mts	33mts	26mts									
	13mts	26mts	25mts	41mts	53mts												36mts	62mts
	5,3mts	10mts	10mts	16mts	21mts	20mts	21mts	8,3mts	6,6mts									
	16mts	32mts	31mts	50mts	65mts	60mts	65mts	25mts	20mts									

							POWER SUPPLY								
						CODE	71-0035-00-00	71-0036-00-00	71-0059-00-00	71-0060-00-00	71-3479-00-00	71-0061-00-00	71-0062-00-00	71-0038-00-00	71-0039-00-00
															
						VOLTAGE	12	12	12	12	12	12	12	24	
						WATTAGE	25	50	72	150	100	240	300	26,4	52,8
						IP	20	20	20	20	67	20	20	20	20
						PAGE	872	872	872	872	872	872	872	872	872
PRODUCT CODE	SERIE	VERSION	VOLT.	W	L(m)	MAX PCS IN SERIES	MAX PCS VS POWER SUPPLY								
05-1544-54-H6	TRON	RGB	24	30	0,5	4									max1
05-1546-54-H6	TRON	NW	24	24	0,5	4								max1	max2
05-1547-54-H6	TRON	WW	24	24	0,5	4								max1	max2
05-1548-54-H6	TRON	RGB	24	60	1	2									
05-1549-54-H6	TRON	NW	24	48	1	2									max1
05-1552-54-H6	TRON	WW	24	48	1	2									max1
05-2494-54-H6	RAY	NW	24	48	0,378	2									max1
05-2498-54-H6	RAY	RGB	24	60	0,378	2									
05-2499-54-H6	RAY	WW	24	48	0,378	2									max1
91-3408-54-M2	ION	WW	12	14,4	1	3	max1	max3	max5	max10	max6	max16	max20		
91-3411-54-M2	ION	WW	12	7,2	0,5	6	max3	max6	max10	max20	max13	max33	max41		

	CONTROLLERS																	
	WHITE											RGB						
	71-0063-00-00	71-0064-00-00	71-4727-00-00	71-0065-00-00	71-0066-00-00	71-0017-00-00	71-0727-00-00	71-3473-00-00	71-1553-00-00	71-3467-00-00	71-3468-00-00	71-0019-00-00	71-4662-00-00	71-4663-00-00	71-3493-00-00	71-1553-00-00	71-4664-00-00	71-4665-00-00
						Controller with remote control	1-10V Controller	DALI Controller	Amplifier	Zenit controller with remote control	Zenit Amplifier	Controller with remote control	Controller (remote control optional)	Controller (remote control optional)	DMX Controller	Amplifier	Facade controller with remote control	Facade Amplifier
	24	24	24	24	24	12(144W)	12(156W)	12(60W)	12(48W)	12(120W)	12(120W)	12(216W)	12(216W)	12(216W)	12(72W)	12(144W)		
	76,8	156	150	240	312	24(288W)	24(312W)	24(120W)	24(96W)	24(240W)	24(240W)	24(432W)	24(432W)	24(432W)	24(144W)	24(288W)	24(210W)	24(360W)
	20	20	67	20	20	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP65	IP20	IP20	IP20	IP20
	872	**872**	**872**	**872**	**872**	**879**	**879**	**879**	**879**	**213**	**213**	**876**	**876**	**876**	**871**	**879**	**221**	**221**
MAX PCS VS POWER SUPPLY						**MAX PCS VS CONTROLER**												
	max2	max5	max3	max8	max10							max14	max14	max14	max4	max9		
	max3	max6	max6	max10	max13	max12	max13	max5	max4									
	max3	max6	max6	max10	max13	max12	max13	max5	max4									
	max1	max2	max2	max4	max5							max7	max7	max7	max2	max4		
	max1	max3	max3	max5	max6	max6	max6	max2	max2									
	max1	max3	max3	max5	max6	max6	max6	max2	max2									
	max1	max3	max3	max5	max6	max6	max6	max2	max2									
	max1	max2	max2	max4	max5							max7	max7	max7	max2	max4		
	max1	max3	max3	max5	max6	max6	max6	max2	max2									
						max6	max6	max4	max3									
						max12	max12	max8	max6									

Driver / LED-Betriebsgerät / Sterownik /драйвер

ON-OFF / ВКЛ/ВЫКЛ / WŁĄCZ/WYŁĄCZ



ACT-0803-00-00

IP 20 | 50-60 HZ

21,5 x 35 x 68 mm



ACT-0804-00-00

IP 20 | 50-60 HZ

21,5 x 35 x 78 mm



ACT-0808-00-00

IP 20 | 50-60 HZ

19 x 34 x 115 mm



71-4704-00-00

IP 20 | 50-60 HZ

28 x 38 x 125 mm



71-3477-00-00

IP 68 | 50-60 HZ

97 x 97 x 72 mm

500mA



71-3309-00-00

IP 20 | 50-60 HZ

28 x 37 x 128 mm

700mA



71-3305-00-00

IP 20 | 50-60 HZ

20 x 39 x 55 mm



71-3307-00-00

IP 20 | 50-60 HZ

19 x 34 x 115 mm



71-3308-00-00

IP 20 | 50-60 HZ

28 x 38 x 127 mm



71-3478-00-00

IP 68 | 50-60 HZ

97 x 97 x 72 mm

XXXmA



71-0744-00-00

IP 20 | 50-60 HZ

35 x 54 x 128 mm

1 A



71-4725-00-00

IP 20 | 50-60 HZ

28 x 38 x 125 mm

1,05 A



71-0613-00-00

IP 20 | 50-60 HZ

35 x 61,5 x 181 mm

1,9 A



71-0612-00-00

IP 20 | 50-60 HZ

30 x 47 x 145 mm

2 A



71-3542-00-00

IP 20 | 50-60 HZ

22 x 79 x 124,5 mm

Regulable / Dimmable / Régulable / Dimmbar / Regolabile / Regulável / Регулируемый / Ściemniany

1..10V PUSH



71-3475-00-00

IP 20 | 50-60 HZ

22 x 67 x 103 mm

DALI 1..10V PUSH



71-4706-00-00

IP 20 | 50-60 HZ

21 x 79 x 123,5 mm



71-2413-00-00

IP 20 | 50-60 HZ

35 x 83 x 163 mm

1..10V PUSH



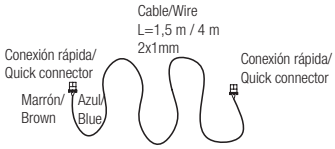
71-4708-00-00

IP 20 | 50-60 HZ

21 x 79 x 123,5 mm

CABLE PARA SINCRONIZACIÓN, SERVIDO SEPARADAMENTE
CABLE FOR SYNCHRONISING SLAVE REGULATORS
CÂBLE DE SYNCHRONISATIONFOURNI SÉPARÉMENT
KABEL FÜR DIE SYNCHRONISIERUNG VON SLAVE-REGLERN
CAVO PER SINCRONIZZAZIONE, FORNITO SEPARATAMENTE
CABO PARA SINCRONIZAÇÃO, FORNECIDO EM SEPARADO
СИНХРОНИЗИРУЮЩИЙ КАБЕЛЬ, ПОСТАВЛЯЕТСЯ ОТДЕЛЬНО
PRZEWÓD DLA SYNCHRONIZOWANIA, DOSTARCZANY ODDZIELNIE





71-3476-00-00	1,5m cable
71-4707-00-00	4m cable

12 VDC

Fuentes de alimentación / Power supply / Sources d'alimentation / Netzgeräte / Fonti di alimentazione / Fontes de alimentação/ Источники питания / Zasilacze



71-0035-00-00	100-240V	2,1 A	25W	⏚	IP 20	-	28 x 51 x 92 mm
71-0036-00-00	100-240V	4,2 A	50W				36 x 97 x 99 mm
71-0059-00-00	100-240V	6 A	72W				38 x 98 x 129 mm
71-0060-00-00	100-120V; 200-240V	12,5 A	150W				38 x 98 x 199 mm



71-0061-00-00	100-240V	12 A	240W	⏚	IP 20		50 x 93 x 204 mm
71-0062-00-00	100-240V	25 A	300W				50 x 115 x 229 mm



71-3479-00-00	110-264V	8,3 A	100W	□	IP 67	-	34 x 60 x 240 mm



71-9198-05-05	230V	1,6 A	20W	□	IP 68	1m	-	149 x 115 x 115 mm

24 VDC

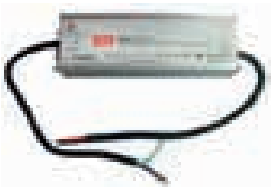
Fuentes de alimentación / Power supply / Sources d'alimentation / Netzgeräte / Fonti di alimentazione / Fontes de alimentação/ Источники питания / Zasilacze



71-0038-00-00	100-240VAC	1,1 A	26,4W	⏚	IP 20	-	28 x 51 x 92 mm
71-0039-00-00	100-240VAC	2,2 A	52,8W				36 x 97 x 99 mm
71-0063-00-00	100-240VAC	3,2 A	76,8W				38 x 98 x 129 mm
71-0064-00-00	100-120VAC; 200-240VAC	6,5 A	156W				38 x 98 x 199 mm

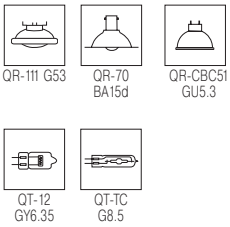


71-0065-00-00	100-240VAC	10 A	240W	⏚	IP 20		50 x 93 x 204 mm
71-0066-00-00	100-240VAC	13 A	312W				50 x 115 x 229 mm



71-4727-00-00	90-264VAC	6,3 A	150W	⏚	IP 67	-	38,8 x 68 x 228 mm

12 VAC Transformador / Transformer / Transformateur / Transformator / Trasformatore / Transformador / трансформатор / Transformator





ACT-TRA-001	20-60W	IP 20	37 x 28 x1 28 mm
ACT-TRA-002	20-70W		37 x 28 x 128 mm
71-2477-00-00	20-105W		35 x 21 x 107 mm
ACT-TRA-003	35-105W	Dimming	50 x 19,5 x 146 mm
ACT-TRA-004	50-150W		37 x 33 x 185 mm

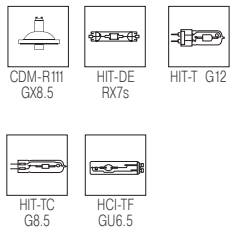


71-9197-05-05	0- 100W	IP 68 / 1m	149 x 115 x 115 mm

Equipo para lámparas de descarga / Equipment for discharge lamps / Appareillages pour lampes à décharge / Vorschaltgeräte für Gasentladungslampen / Apparecchiature per lampade a scarica / Equipamentos para lâmpadas de descarga / Наборы для газоразрядных ламп / Osprzęt dla lamp wyładowczych.

100-240V 50-60Hz

IP 20

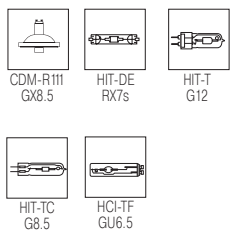


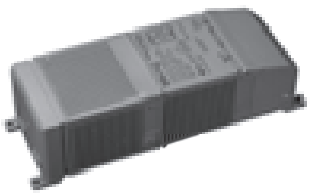


ACT-BAL-008	20W	43 x 30 x 190 mm
ACT-BAL-003	35W	67 x 31 x 140 mm
ACT-BAL-004	2x35W	89 x 37 x 224 mm
ACT-BAL-005	70W	83 x 32 x 170 mm
ACT-BAL-006	2x70W	89 x 37 x 224 mm
ACT-BAL-007	150W	89 x 37 x 186 mm

230V 50Hz

IP 40





ACT-BAL-009	35W	73 x 61 x 222 mm
ACT-BAL-010	70W	73 x 61 x 222 mm
ACT-BAL-011	150W	73 x 61 x 250 mm

CONTROLADORES DMX / DMX CONTROLLERS / CONTRÔLEURS DMX / DMX-CONTROLLER / REGOLATORI DMX / CONTROLADORES DMX / КОНТРОЛЛЕРЫ DMX / STEROWNIK DMX

- Para configuraciones a medida, consulte con nuestro Equipo Comercial
- For bespoke combinations please contact our Sales department
- Pour des configurations sur mesure, merci de consulter notre Équipe Commerciale
- Für Konfigurationen nach Maß, sprechen Sie uns bitte an
- Per configurazioni su misura rivolgersi al ns. ufficio commerciale.
- Para configurações à medida, consulte a n/ Equipa Comercial
- Для модификаций по индивидуальным параметрам свяжитесь с нашими коммерческими сотрудниками.
- Dla wspomnianych zestawień prosimy o kontakt z naszym działem sprzedaży

71-2469-00-00

86 x 86 x 10 mm



- Controladores DMX512 que no requiere de sistema operativo para ejecutarse.
- Ajuste en tiempo real de la intensidad y el color de una escena.
- Programable mediante el software de control y el cable USB incluidos.
- Fuente de alimentación incluida.

- DMX512 Stand Alone Controller.
- Live setting of the intensity and colour of a scene.
- Programmable with the included USB cable and control software.
- Power supply included.

- Contrôleurs DMX512 dont l'exécution n'exige pas de système d'exploitation.
- Réglage en temps réel de l'intensité et de la couleur d'une scène.
- Programmable à l'aide du logiciel de commande et du câble USB fournis.
- Source d'alimentation fournie.

- DMX512-Controller, die kein Betriebssystem erfordern.
- Einstellung der Lichtsärke und Farbe in Echtzeit.
- Programmierbar mittels Steuersoftware, USB-Kabel mitgeliefert.
- Netzteil mitgeliefert.

- Regolatori DMX512 che non necessitano di sistema operativo per funzionare.
- Regolazione in tempo reale dell'intensità e del colore di una scena.
- Programmabile tramite il software di controllo e il cavo USB inclusi.
- Fonte di alimentazione inclusa.

- Controladores DMX512 que não necessitam de sistema operativo para funcionar.
- Ajuste em tempo real da intensidade e da cor de uma cena.
- Programável através do software de controlo e do cabo USB incluídos.
- Fonte de alimentação incluída.

- Контроллеры DMX512, не требующие для работы оперативной системы.
- Регулировка в реальном времени интенсивности и цвета сцены.
- Программируемые с помощью входящих в комплект контрольной программы и кабеля USB.
- В комплект входит источник питания.

- Sterownik DMX512, który nie wymaga systemu operacyjnego dla jego obsługi.
- Ustawienie w czasie rzeczywistym natężenia i koloru sceny.
- Programowany za pomocą załączonego oprogramowania sterującego i przewodu USB.
- Zawarte źródło zasilania.

71-2471-00-00

130 x 170 x 11 mm



- Controlador DMX de instalación en pared, que no requiere de sistema operativo para ejecutarse.
- Panel táctil con 25 páginas de 8 escenas.
- Cable USB, CDROM para instalación y manual de usuario incluidos.
- Fuente de alimentación y control remoto Infrared incluidos.

- Stand alone wall mounted DMX controller.
- Touch-sensitive panel with 25 pages of 8 scenes.
- Delivered with a USB cable and installation CDROM including user manual.
- Power supply and Infra red remote control included.

- Contrôleur DMX à installation murale, dont l'exécution n'exige pas de système d'exploitation.
- Tableau tactile avec 25 pages de 8 scènes.
- Câble USB, CD-ROM d'installation et manuel de l'utilisateur fournis.
- Source d'alimentation et télécommande Infrarouge fournies.

- DMX-Controller zum Wandeinbau, kein Betriebssystem erforderlich.
- Touchscreen mit 25 Seiten á 8 Szenen.
- USB-Kabel, CDROM zur Installation und Bedienungsanleitung mitgeliefert.
- Netzteil und Infrarot-Fernbedienung mitgeliefert.

- Regolatore DMX da installare parete, che non necessita di un sistema operativo per funzionare.
- Pannello tattile con 25 pagine di 8 scene.
- Cavo USB, CDROM per l'installazione e manuale per l'utente inclusi.
- Fonte di alimentazione e controllo remoto Infrarossi inclusi.

- Controlador DMX de instalação em parede, que não necessita de sistema operativo para funcionar.
- Painel tátil com 25 páginas de 8 cenas.
- Cabo USB, CD-ROM para instalação e manual de utilizador incluídos.
- Fonte de alimentação e controlo remoto por infravermelhos incluídos.

- Настенный контроллер DMX, не требующий оперативной системы.
- Сенсорная панель с 25 страницами из 8 сцен.
- В комплект включены USB-кабель, CD-ROM для установки и руководство пользователя.
- Источник питания и инфракрасный дистационный пульт управления включены в комплект.

- Sterownik DMX instalacji na ścianie, który nie wymaga systemu operacyjnego dla jego obsługi.
- Panel dotykowy o 25 stronach 8 scen.
- Zawarte: przewód USB, CDROM dla zainstalowania i instrukcja użytkownika.
- Zawarte źródło zasilania i zdalne sterowanie na podczerwień.

71-2472-00-00

90 x 80 x 42 mm



- Interfaz Mini USB-DMX interface.
- Memoria de 64K con reloj/calendario.
- Cable USB, CDROM para instalación y manual de usuario incluidos.
- Fuente de alimentación incluida.

- Mini USB-DMX interface.
- 64K memory with clock/calendar.
- Delivered with a USB cable and installation CDROM including user manual.
- Power supply included.

- Interface Mini USB-DMX.
- Mémoire de 64 K avec horloge/calendrier.
- Câble USB, CD-ROM d'installation et manuel de l'utilisateur fournis.
- Source d'alimentation fournie.

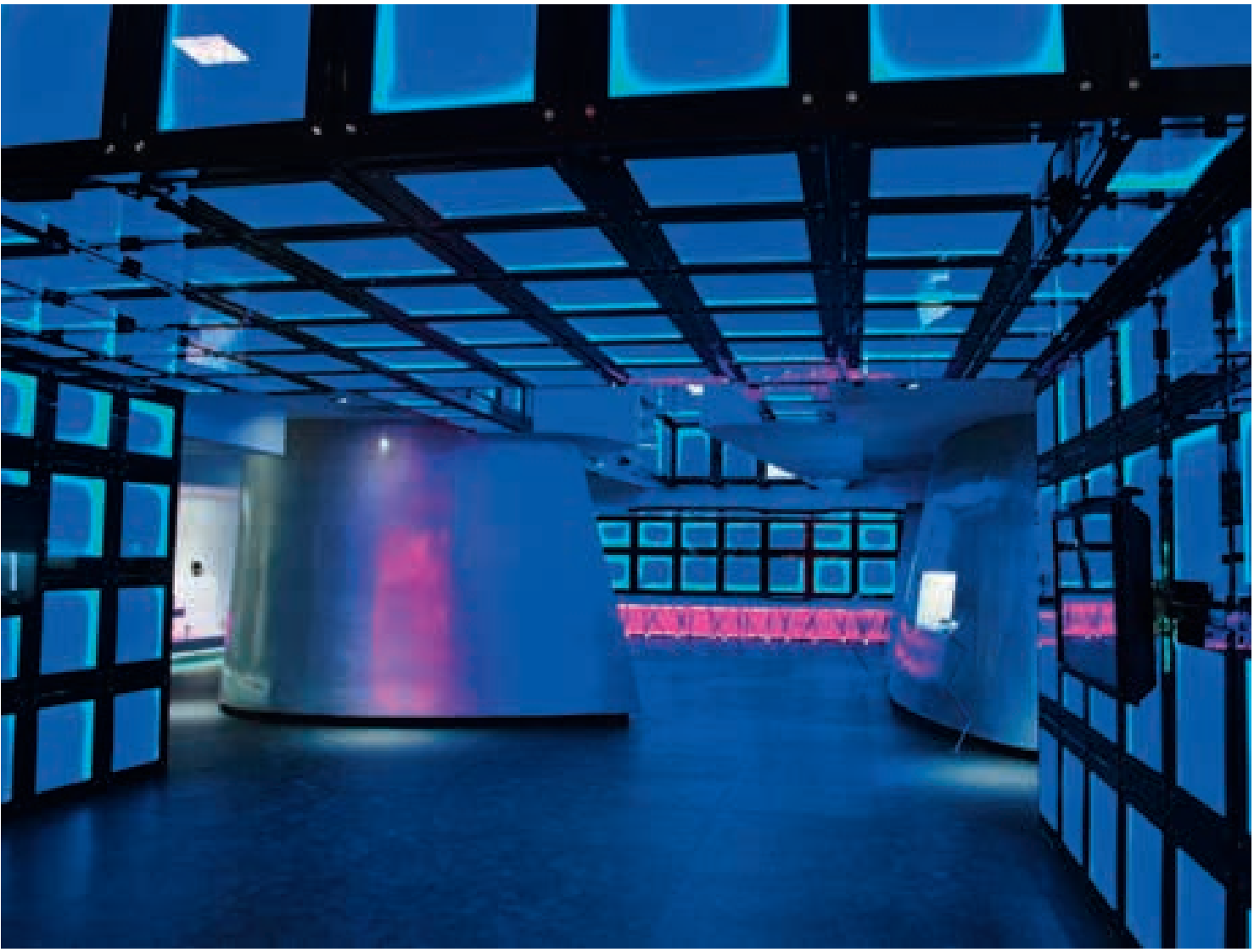
- Schnittstelle Mini USB-DMX
- 64-K-Speicher mit Uhr/Kalender
- USB-Kabel, CDROM zur Installation und Bedienungsanleitung mitgeliefert.
- Netzteil mitgeliefert.

- Interfaccia Mini USB-DMX.
- Memoria di 64K con orologio/calendario.
- Cavo USB, CDROM per l'installazione e manuale per l'utente inclusi.
- Fonte di alimentazione inclusa.

- Interface Mini USB-DMX.
- Memória de 64 K com relógio/calendário.
- Cabo USB, CD-ROM para instalação e manual de utilizador incluídos.
- Fonte de alimentação incluída.

- Интерфейс мини USB-DMX.
- Память 64K с часами/календарем.
- В комплект включены USB-кабель, CD-ROM для установки и руководство пользователя.
- В комплект входит источник питания.

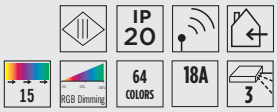
- Interfejs Mini USB-DMX.
- Pamięć 64K z zegarem/kalendarzem.
- Zawarte: przewód USB, CDROM dla zainstalowania i instrukcja użytkownika.
- Zawarte źródło zasilania.



CENTRO CULTURAL DE LAS TELECOMUNICACIONES. SANTO DOMINGO, REP. DOMINICANA.

RGB

Controladores RGB con mando a distancia / RGB controllers with remote control / Contrôleurs RGB avec télécommande / RGB-Controller mit Fernbedienung / Regolatori RGB con telecomando / Controladores RGB com comando à distância / Контроллеры RGB с пультом дистанционного управления / Kontrolery RGB z pilotem zdalnego sterowania



71-0019-00-00

12 VDC	216W	24 x 84 x 65 mm
24 VDC	432W	

•Controlador de tiras led con 15 programas RGB predefinidos, anillo de control independiente de 64 colores, cambio de velocidad en programas con secuencia de colores y cambio de intensidad lumínica en programas monocolor. Incorpora un mando a distancia por radiofrecuencia.

•LED stripe controller with 15 pre-set RGB programmes, 64-colour independent control ring, change of speed for programmes with colour sequence and change of light intensity for monochrome programmes. It incorporates a radio-frequency remote control.

•Contrôleur de bandeaux à LED offrant 15 niveaux RGB prédéfinis, un anneau de contrôle indépendant à 64 couleurs, un changement de vitesse pour les programmes à séquence de couleurs, ainsi qu'un changement d'intensité pour les programmes monocolores. Muni d'une télécommande par radiofréquence.

• Reglung von LED-Streifen mit 15 vordefinierten RGB-Programmen, unabhängiger Ring zur Regulierung von 64 Farben, Änderung der Geschwindigkeit bei Programmen mit Farbabfolgen und Änderung der Lichtintensität bei einfarbigen Programmen. Mit Fernbedienung über Funk.

•Regolatori di strisce led con 15 programmi RGB predefiniti, anello di controllo indipendente di 64 colori, cambio di velocità nei programmi con sequenza di colori e cambio di intensità luminosa nei programmi monocolore. Contiene un telecomando a radiofrequenza.

•Controlador de fitas LED com 15 programas RGB predefinidos, anel de controlo independente de 64 cores, mudança de velocidade em programas com sequência de cores e mudança de intensidade luminosa em programas monocolor. Incorpora um comando à distância por radiofrequência.

• Контроллер для светодиодных линеек RGB с 15 стандартными программами, кольцом независимого контроля для 64 цветов, смена скорости для многоцветных программ и изменения яркости для одноцветных программ. Включен пульт дистанционного радиоуправления.

• Kontroler taśm LED z 15 wcześniej określonymi programami RGB, obręcz niezależnego sterowania 64 kolorów, zmiana szybkości w programach z sekwencjami kolorów oraz zmiana natężenia oświetlenia w jednobarwnych programach. Zawiera pilot zdalnego sterowania z częstotliwością radiową.

1 Auto colour changing
2
3
4
5
6 Intermitente / Intermittent
7 Intermitente / Intermittent
8 Intermitente / Intermittent
9 Intermitente / Intermittent
10 Intermitente / Intermittent
11 Intermitente / Intermittent
12 White Intermitente / Intermittent white
13
14
15





Controladores RGB con o sin mando a distancia / RGB controllers with or without remote control / Contrôleurs RGB avec ou sans télécommande / RBG-Controller mit oder ohne Fernbedienung / Regolatori RGB con o senza telecomando / Controladores RGB com ou sem comando à distância / Контроллеры RGB с пультом дистанционного управления или без такового / Kontroleryi RGB z lub bez pilota zdalnego sterowania



71-4662-00-00

12 VDC	216W		IP 20	29 x 45 x 226 mm
24 VDC	432W			

1
2
3
4
5
6
7 White
8 White

9
10
11
12
13
14
15
16



71-4663-00-00

12 VDC	216W		IP 65	46,5 x 55,5 x 191 mm
24 VDC	432W			

RGB

Mando a distancia para / Remote control for / Télécommande pour / Fernbedienung für / Telecomando per / Comando à distância para / Пульт дистанционного управления для / Pilot zdalnego sterowania dla 71-4662, 71-4663



• Mando a distancia con señal de radiofrecuencia que permite gestionar los controladores RGB 71-4662-00-00 y 71-4663-00-00.
• Radio frequency remote control for managing the RGB 71-4662-00-00 and 71-4663-00-00 controllers.
• Télécommande à signal de radiofréquence qui permet de gérer les contrôleurs RGB 71-4662-00-00 et 71-4663-00-00.
• Fernbedienung mit Radiofrequenzsignal zur Steuerung der RGB-Controller 71-4662-00-00 und 71-4663-00-00.

• Telecomando a radiofrequenza che consente di gestire i regolatori RGB 71-4662-00-00 e 71-4663-00-00.
• Comando à distância com sinal de radiofrequência que permite gerir os controladores RGB 71-4662-00-00 e 71-4663-00-00.
• Пульт дистанционного радиоуправления для контроля RGB 71-4662-00-00 и 71-4663-00-00.
• Pilot zdalnego sterowania na sygnał częstotliwości radiowej, który pozwala na zarządzanie kontrolerami RGB 71-4662-00-00 i 71-4663-00-00.



71-4666-00-00

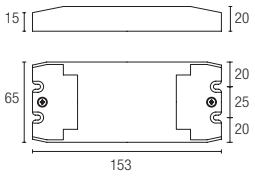
17 x 58 x 147,5 mm

Equipos de control / Device controllers / Contrôleur gradation / Controller / Dispositivi di controllo / Equipamentos de controlo / Контрольные устройства / Osprzęt sterujący



71-3493-00-00

12 VDC 24W
24 VDC 48W
X 4



EASY RGB



71-9630-34-34

IP 54 | 100V 240V | 60W | MEANWELL

Controlador MASTER RGB 100-240V hasta 60W. / MASTER RGB controller 100-240V up to 60W. / Contrôleur MASTER RGB 100-240 V à 60 W. / Steuerung MASTER RGB 100-240V bis 60W. / Regolatore MASTER RGB 100-240V fino a 60W. / Controlador PRINCIPAL RGB 100-240 V até 60 W. / Контроллер MASTER RGB 100-240В до 60 Вт. / Kontroler MASTER RGB 100-240V do 60W.

275 x 63 x 80 mm

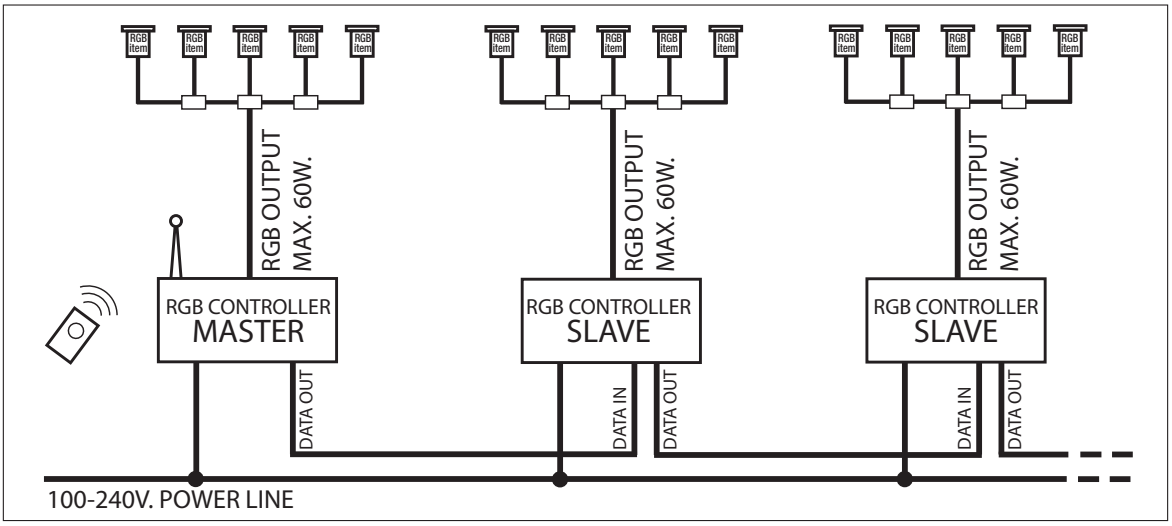


71-9632-34-34

IP 54 | 100V 240V | 60W | MEANWELL

Controlador ESCLAVO RGB 100-240V hasta 60W. / SLAVE RGB controller 100-240V up to 60W. / Contrôleur ESCLAVE RGB 100-240 V jusqu'à 60 W. / Steuerung SLAVE RGB 100-240V bis 60W. / Regolatore SLAVE RGB 100-240V fino a 60W. / Controlador SECUNDÁRIO RGB 100-240 V até 60 W. / Контроллер ESCLAVO RGB 100-240В до 60 Вт. / Kontroler ESCLAVO RGB 100-240V do 60W.

265 x 63 x 80 mm



¿POR QUÉ LO LLAMAMOS EASY RGB?
WHY DO WE CALL IT EASY RGB?
POURQUOI L'APPELLATION EASY RGB ?
WARUM HEISST ES EASY RGB?

PERCHÉ LO CHIAMIAMO EASY RGB?
PORQUÊ O NOME EASY RGB?
ПОЧЕМУ МЫ НАЗЫВАЕМ ЕГО EASY RGB?
DLACZEGO TO NAZYWAMY EASY RGB?



- Toda la instalación se hace mediante cables estándar de 3 polos.
- The entire installation is carried out using standard 3-core cables.
- Toute l'installation s'effectue à l'aide de câbles standard à 3 pôles.
- Die Installation erfolgt mittels 3-poligen Standardkabeln.
- L'intera installazione viene eseguita tramite cavi standard di 3 poli.
- Toda a instalação se faz através de cabos standard de 3 pólos.
- Вся установка осуществляется с помощью стандартного 3-х фазного кабеля.
- Całą instalację wykonuje się za pomocą standardowych przewodów 3 biegunowych.



- Toda la instalación se realiza con conectores estándar.
- The entire installation is carried out using standard connectors.
- Toute l'installation s'effectue à l'aide de connecteurs standard.
- Die Installation erfolgt mit Standardsteckern.
- L'intera installazione viene eseguita con connettori standard.
- Toda a instalação se realiza com conectores standard.
- Все работы по установке выполняются со стандартными соединителями.
- Całą instalację wykonuje się za pomocą standardowych łączników.

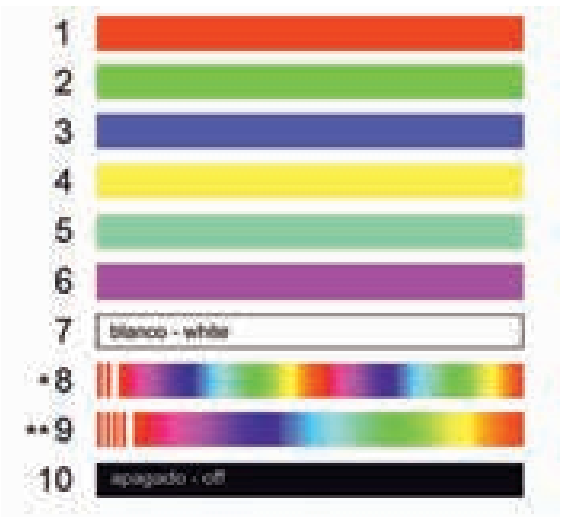


- Podemos usar el pulsador situado en el lateral de la caja del controlador para cambiar el programa en caso de pérdida o falta de bateria del mando a distancia.
- We can use the push-button located on the side of the controller box to change the programme in the event of loss or lack of battery power in the remote control.
- On peut utiliser le bouton situé sur le côté du boîtier du contrôleur pour changer de programme en cas de perte ou d'absence de batterie de la télécommande.
- Die Taste kann seitlich an dem Controllergehäuse sitzen, um auch bei Verlust der Fernbedienung oder leerer Batterie der Fernbedienung umschalten zu können.
- Possiamo utilizzare il pulsante che si trova sul lato della scatola del regolatore per cambiare il programma in caso di perdita o mancanza di batteria del telecomando.
- Podemos usar o botão situado na lateral da caixa do controlador para mudar o programa, se não soubermos onde está o comando à distância ou este tiver a bateria descarregada.
- Мы можем использовать кнопку на боковой стороне корпуса контроллера, чтобы вносить изменения в программу в случае потери или отсутствия батареи пульта ДУ.
- Możemy użyć przycisku położonego z boku skrzynki kontrolera w celu zmienienia programu w przypadku utraty lub braku baterii pilota zdalnego sterowania.



- Un pequeño LED rojo situado en el lateral de la caja del controlador nos indica que hay un cruce en alguna parte de la instalación.
- A small red LED located on the side of the controller box indicates that there is interference somewhere in the installation.
- Un petit voyant LED rouge situé sur le côté du boîtier du contrôleur indique la présence d'un croisement dans l'installation.
- Eine kleine rote LED an der Seite des Controllergehäuses zeigt an, wenn an einer Stelle der Installation eine Leitungskreuzung besteht.
- Un piccolo LED rosso che si trova nel lato della scatola del regolatore ci indica che c'è un incrocio in qualche parte dell'installazione.
- Um pequeno LED vermelho situado na lateral da caixa do controlador indica-nos que há uma interferência nalguma parte da instalação.
- Небольшой красный светодиод на боковой стороне коробки контроллера указывает на то, что где-то в установке существует пересечение.
- Mała czerwona LED położona z boku skrzynki kontrolera wskazuje nam, że doszło do zwarcia się w jakieś części instalacji.

EASY RGB POSICIONES DEL PROGRAMA. / PROGRAMME POSITIONS. / POSITIONS DU PROGRAMME / PROGRAMMPOSITIONEN
POSIZIONI DEL PROGRAMMA. / POSIÇÕES DO PROGRAMA. / ПОЗИЦИИ ПРОГРАММЫ. / POŁOŻENIA PROGRAMU.



* 2 flash, cambia todos los colores uno a uno durante 90 segundos y vuelve a empezar.
2 flash, changes all colours one by one for 90 seconds and then starts again.
2 flashs : change toutes les couleurs une à une pendant 90 secondes et recommence.
2 Flash, wechselt alle Farben nacheinander während 90 Sekunden und startet dann neu.
2 flash, cambia tutti i colori uno a uno per 90 secondi e ricomincia.
2 flashes, muda todas as cores uma a uma durante 90 segundos e volta a começar.
2 вспышки, изменяет все цвета один за другим в течение 90 секунд и начинает все заново.
2 błyski, zmienia wszystkie kolory jeden po drugim przez 90 sekund i zaczyna ponownie od początku.

** 4 flash, cambia todos los colores uno a uno durante 330 segundos y vuelve a empezar.
4 flash, changes all colours one by one for 330 seconds and then starts again.
4 flashs : change toutes les couleurs une à une pendant 330 secondes et recommence.
4 Flash, wechselt alle Farben nacheinander während 330 Sekunden und startet dann neu.
4 flash, cambia tutti i colori uno a uno per 330 secondi e ricomincia.
4 flashes, muda todas as cores uma a uma durante 330 segundos e volta a começar.
4 вспышки, изменяет все цвета один за другим в течение 330 секунд и начинает все заново.
4 błyski, zmienia wszystkie kolory jeden po drugim przez 330 sekund i zaczyna ponownie od początku.

BLANCO / WHITE

Controladores con mando a distancia / Controllers with remote control / Regolatori con telecomando / Controladores com comando à distância / Controller mit Fernbedienung / Контроллеры с пультом дистанционного управления / Kontrolery RGB z pilotem zdalnego sterowania





71-0017-00-00		
12 VDC	144W	24 x 84 x 65 mm
24 VDC	288W	

•Controlador de tiras led blancas con tres niveles de regulación de intensidad lumínica preprogramados (30%, 60%, 100%) y anillo de control independiente de intensidad lumínica. Incorpora un mando a distancia por radiofrecuencia.

•White LED strip controller with three pre-set levels for light intensity regulation (30%, 60% and 100%) and light intensity independent control ring. It incorporates a radio-frequency remote control.

•Contrôleur de bandeaux à LED blancs offrant trois niveaux préprogrammés de réglage d'intensité lumineuse (30 %, 60 %, 100 %) et un anneau de contrôle indépendant de l'intensité lumineuse. Muni d'une télécommande par radiofréquence.

• Regler für weiße LED-Streifen mit drei voreingestellten Intensitätsstufen (30 %, 60 %, 100 %) und unabhängigem Ring zur Justierung der Lichtstärke. Mit Fernbedienung über Funk.

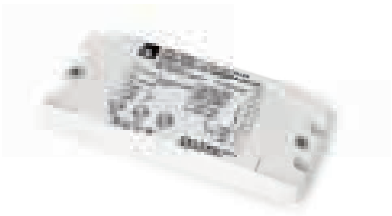
•Controlador de fitas LED brancas com três níveis de regulação de intensidade luminosa pré-programados (30%, 60%, 100%) e anel de controlo independente da intensidade luminosa. Incorpora um comando à distância por radiofrequência.

•Regolatore di strisce led bianche con tre livelli di regolazione di intensitá luminosa preprogrammati (30%, 60%, 100%) e anello di controllo indipendente dell'intensitá luminosa. Contiene un telecomando a radiofrequenza.

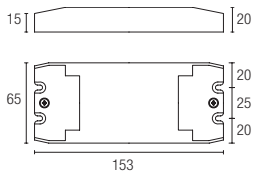
• Контроллер для светодиодных линеек белого света с тремя запрограммированными уровнями яркости (30%, 60%, 100%) и независимое кольцо для контроля яркости освещения. Включен пульт дистанционного радиоуправления.

• Kontroler białych taśm LED o trzech wcześniej programowanych poziomach regulacji natężenia oświetlenia (30%, 60%, 100%) i obręcz niezależnego sterowania natężeniem oświetlenia. Zawiera pilot zdalnego sterowania częstotliwością radiową.

Equipos de control / Device controllers / Contrôleur gradation / Controller / Dispositivi di controllo / Equipamentos de controlo / Контрольные устройства / Osprzęt sterujący



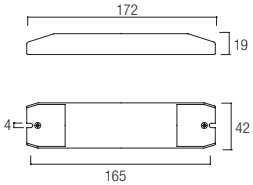
71-0727-00-00	
12 VDC	2X 78W
24 VDC	2X 156W



Equipos de control / Device controllers / Contrôleur gradation / Controller / Dispositivi di controllo / Equipamentos de controlo / Контрольные устройства / Osprzęt sterujący



71-3473-00-00	
12 VDC	60W
12 VDC	120W

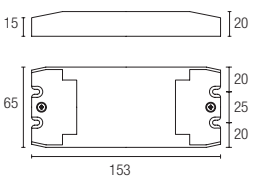


Amplificador / Amplifier / Amplificateur / Verstärker / Amplificatore / Amplificador / Усилитель / Wzmacniacz

RGB / White



71-1553-00-00									
	12 VDC	4X4 A		IP 20		192W	48W	CHANNEL 4
	24 VDC					384W	96W CHANNEL	





71-9507-05-05 (S) ■ 6

Caja de empotrar válida para las referencias: / Flush-mounted box for references: / Boîtier à encastrer valable pour les références : / Gehäuse zum Einbau, geeignet für Art.-Nr. / Scatola per incasso valida per i riferimenti: / Caixa de encastrar válida para as referências: / Монтажная коробка пригодна для артикулов: / Skrzynka do wbudowania stosowna dla nr referencyjnych: **55-9323 / 55-9187 / 55-9433.**



71-9273-05-05 ■ 18

Caja de empotrar válida para las referencias: / Flush-mounted box for references: / Boîtier à encastrer valable pour les références: / Gehäuse zum Einbau, geeignet für Art.-Nr. / Scatola per incasso valida per i riferimenti: / Caixa de encastrar válida para as referências: / Монтажная коробка пригодна для артикулов: / Skrzynka do wbudowania stosowna dla nr referencyjnych: **05-8961 / 05-9211 / 05-9212**.



71-9744-05-05 ■ 20 NEW

Caja de empotrar específica para techos de homigón. Válido para / Flush-mounted box for concrete ceilings. Valid for / Boîtier à encastrer spécial plafonds en béton. Valable pour. / Spezifisches Einbaugehäuse für Betondecken. Geeignet für. / Scatola per incasso specifica per soffitti in calcestruzzo. Adatto per / Caixa de encastrar específica para tectos de betão. Válida para / Специальная монтажная коробка для бетонных потолков. Подходит для / Specjalna skrzynka do wbudowania dla betonowych sufitów. Stosowna dla: **15-9665 / 55-9665 / 55-9666 / 55-9667**.



71-9745-05-05 ■ 20 NEW

Caja de empotrar específica para techos de homigón. Válido para / Flush-mounted box for concrete ceilings. Valid for / Boîtier à encastrer spécial plafonds en béton. Valable pour / Spezifisches Einbaugehäuse für Betondecken. Geeignet für / Scatola per incasso specifica per soffitti in calcestruzzo. / Adatto per / Caixa de encastrar específica para tectos de betão. Válida para / Специальная монтажная коробка для бетонных потолков. Подходит для. / Specjalna skrzynka do wbudowania dla betonowych sufitów. Stosowna dla: **15-9659 / 15-9391 / 15-9392**.



71-9405-M3-M3 □ IP 65 24

Accesorio para aumento hasta IP65. Máx. 15W. / Accessory to increase up to IP65. Max 15W. / Accessoire pour augmentation jusqu'à IP65. 15 W maxi. / Zubehör für Erhöhung auf IP65. Max. 15 W / Accessorio per aumentare a IP65. Max 15W. / Acessório para aumento até IP65. Máx. 15 W. 7 Принадлежность для увеличения до IP65. Макс. 15 Вт. / Akcesorium dla powiększenia do IP65. Maks. 15W.



71-9406-M3-M3 □ IP 65 24

Accesorio para aumento hasta IP65. Máx. 20W. / Accessory to increase up to IP65. Max 20W. / Accessoire pour augmentation jusqu'à IP65. 20W maxi. / Zubehör für Erhöhung auf IP65. Max. 20W / Accessorio per aumentare a IP65. Max 20W. / Acessório para aumento até IP65. Máx. 20W / Принадлежность для увеличения до IP65. Макс. 20 Вт. / Akcesorium dla powiększenia do IP65. Maks. 20W.



71-9199-05-05 ■ IP 68 1m 40

Caja de conexiones estanca / Water proof connection box / Boîtier de raccordement étanche / Hermetischer Anschlusskasten / Scatola di connessioni a tenuta stagna / Caixa de ligações estanque / Герметичная монтажная коробка / Wodoszczelna skrzynka połączeniowa



71-9397-05-05 ■ IP 68 1m 1

Conector IP 68 2 vías 3 polos completo / IP 68 connection 2 ways 3 wires complete / Connecteur IP68 2 voies 3 pôles complet / IP-Stecker 68 2-Wege 3-polig, komplett / Connettore IP 68 2 vie 3 poli completo / Conector IP 68 2 vias 3 polos completo / Соединитель IP 68 трехполюсный на два входа полный / Pełna złączka IP 68 2-u jezdna 3-y biegunowa



71-9396-05-05 ■ IP 68 1m 1

Conector IP68 de 3 vías con forma "T" y 3 polos. Para cables de diámetro 5mm a 13mm. / IP68 3-line 3-pole "T" connector. For cables of 5mm to 13mm diameter. / Connecteur IP68 à 3 voies en forme de T, 3 pôles. Pour câbles de 5 à 13 mm de diamètre. / 3-Wege-Stecker IP68 in T-Form, 3-polig. Für Kabeldurchmesser von 5 mm bis 13 mm. / Connettore IP68 di 3 vie a forma "T" e 3 poli. Per cavi di diametro da 5mm a 13 mm. / Conector IP68 de 3 vias com forma "T" e 3 pólos. Para cabos com diâmetro de 5 mm a 13 mm. / Трехполосный трехфазный соединитель IP68 Т-образной формы. Для кабелей диаметром от 5 мм до 13 мм. / Łącznik IP68 3 drogowy w kształcie litery T i 3 biegunowy. Dla przewodów o średnicy od 5mm do 13mm.



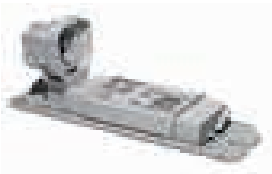
71-9262-05-05 ■ IP 67 48

Caja de conexiones estanca. Ø8,5 máx. IP 67 / Water proof connection box. Ø8,5 max. IP 67 / Boîtier de raccordement étanche / Hermetischer Anschlusskasten / Scatola di connessione a tenuta stagna, Ø8,5 max. IP 67 / Caixa de ligações estanque. Ø8,5 máx. IP 67 / Соединитель IP 67 3 трехполюсный на три входа / Złączka IP 67 3-y jezdna w kształcie T 3-y biegunowa



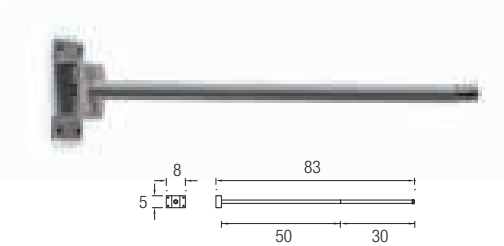
71-9311-05-05(S) ■ IP 67 6

Caja de conexiones estanca de medidas / Sealed junction box measuring. / Boîtier de raccordement étanche . / Hermetischer Anschlusskasten der Maße. / Scatola di connessioni impermeabile. / Caixa de ligações estanque. / Водонепроницаемая коробка. / Szczelna skrzynka połączeniowa. 300 x 190 x 120 mm.



71-8969-00-00 □ 6

Reactancia para / Ballast for / Ballast pour / Vorschaltgerät für / Reattanza per / Reactância para / Реактивное сопротивление для / Reaktancja dla:
PL G24d-1 13W 230V



71-9487-34-34 ■
71-9487-Z5-Z5 ■ 10

Brazo prolongador con opción a 3 medidas. / Extension arm with 3 measurements. / Bras de prolongement avec option en 3 dimensions / Verlängerungsarm mit 3 möglichen Abmessungen / Braccio prolunga con possibilità di 3 misure. / Braço de prolongamento com 3 medidas opcionais. / Удлиняющий кронштейн; имеется три размера / Wydłużalne ramię z opcję 3 rozmiarów.



71-9746-05-05 ■ 100 NEW

Adecuado para estructuras y columnas cilíndricas de hasta 60 mm de diámetro. / Suitable for cylindrical structures and columns of up to 60 mm in diameter. / Adapté aux structures et colonnes cylindriques de 60 mm de diamètre maximum. / Geeignet für zylinderförmige Strukturen und Säulen bis 60 mm Durchmesser. / Adatto per strutture e colonne cilindriche di fino a 60 mm di diametro. / Adequado para estruturas e colunas cilíndricas com até 60 mm de diâmetro. / Подходит для цилиндрических структур и колонн диаметром до 60 мм. / Odpowiedni dla struktur i słupów cylindrycznych o średnicy do 60 mm.



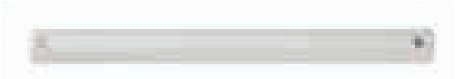
71-4399-14-14 □ 40

Mando a distancia / Remote control / Télécommande / Fernbedienung / Telecomando / Comando à distância / Пульт дистанционного радиоуправления / Pilot zdalnego sterowania



71-1843-81-81 ■
71-1843-CF-CF □ 10

Barras / Bars / Barres / Stangen für / Barre / Barras / балка / poprzeczki 304 mm.



71-1844-81-81 ■
71-1844-CF-CF □ 10

Barras / Bars / Barres / Stangen für / Barre / Barras / балка / poprzeczki 460 mm.



71-2232-14-14 □
71-2232-60-60 ■ 100

Conector de carril / Track connector / Connecteur de rail / Schienenstecker / Collegamento binari / Conector de calha / Соединитель шины/ Łącznik szyny



71-2241-00-00 INCLUDED 1

Controlador con mando a distancia / Controller with remote control / Contrôleur avec télécommande / Controller mit Fernbedienung / Regolatore con telecomando / Controlador com comando à distância / Контроллер с дистанционным управлением / Nastawnik z pilotem zdalnego sterowania

INFORMACIÓN TÉCNICA / TECHNICAL INFORMATION / INFORMATIONS TECHNIQUES / TECHNISCHE ANGABEN / INFORMAZIONI TECNICHE / INFORMAÇÃO TÉCNICA / ТЕХНИЧЕСКАЯ ИНФОРМАЦИЯ / INFORMACJA TECHNICZNA

• Para mayor información técnica de las piezas incluidas en este catálogo (instrucciones de montaje, diagramas de instalación, etc.), por favor consulte nuestra página web corporativa
• For further technical information about the parts included in this catalogue (assembly instructions, installation diagrams, etc.), please see our corporate website.
• Pour de plus amples informations techniques concernant les pièces de ce catalogue (consignes de montage, schémas d'installation, etc.), veuillez consulter le site Web de notre entreprise.
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• Per ulteriori informazioni tecniche sui prodotti contenuti in questo catalogo (istruzioni di montaggio, diagrammi di installazione, ecc.) si prega di consultare il nostro sito internet.
• Para informações técnicas mais detalhadas sobre as peças incluídas neste catálogo (instruções de montagem, diagramas de instalação, etc.), consulte a nossa página Web empresarial.
•Чтобы подробнее ознакомиться с технической информацией по поводу товаров, включенных в настоящий каталог (инструкции по монтажу, схемы установки и т.п.) посетите наш корпоративный сайт.
•W celu uzyskania szerszej informacji technicznej odnośnie elementów zawartych w niniejszym katalogu (instrukcji montażu, diagramów instalacyjnych, itp.) proszę skonsultować się z naszą korporacyjną stroną internetową

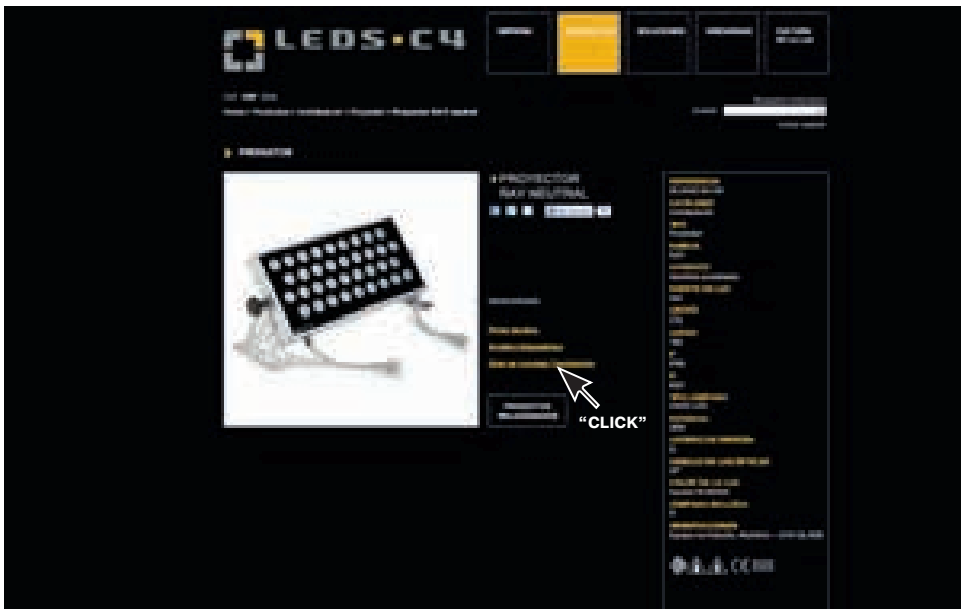
Paso
Step
Étape
Schritt
Step
Passo
Шаг
Krok
1



Paso
Step
Étape
Schritt
Step
Passo
Шаг
Krok
2



Paso
Step
Étape
Schritt
Step
Passo
Шаг
Krok
3



Paso
Step
Étape
Schritt
Step
Passo
Шаг
Krok

4

LEDS·C4

GUIA INSTALACIÓN SERIE RAY
INSTALLATION GUIDE RAY SERIES
INSTALLATIONSANLEITUNG SERIE RAY
GUIDE D'INSTALLATION SÉRIE RAY
GUIDA DI INSTALLAZIONE SERIE RAY

05-3442-54-H6 - NEUTRAL WHITE
05-4669-54-H6 - WARM WHITE
05-3443-54-H6 - RGB

LEDS-C4 S.A.
CIF A-59410910

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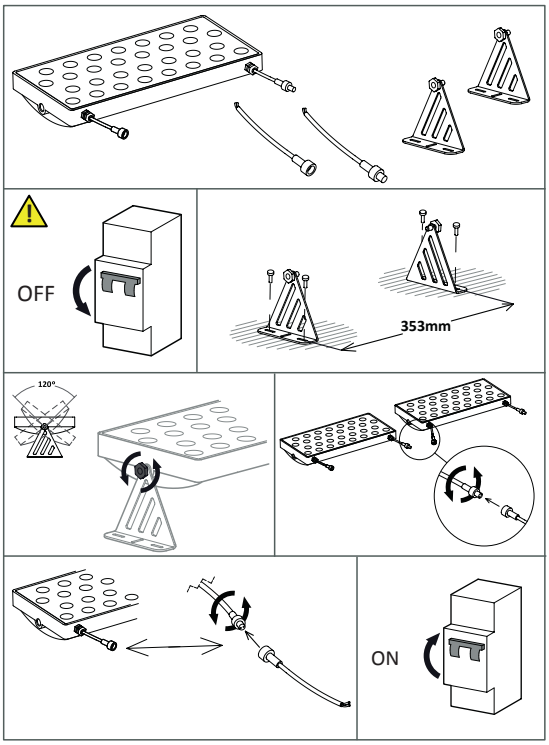
F +34 973 46 81 06
e-mail: leds-c4@leds-c4.com

WWW.LEDS-C4.COM

v 1.0



PS 24vcc
71-0038-00-00 - 26,4 W
71-0039-00-00 - 52,8 W
71-0063-00-00 - 76,8 W
71-0064-00-00 - 156 W
71-0065-00-00 - 240 W
71-0066-00-00 - 312 W
71-4727-00-00 - 150 W (IP67)

C DALI
71-3473-00-00 - 120 W

C WHITE
71-0017-00-00 - 288 W

C DMX
71-3493-00-00 - 192 W

C RGB
71-0019-00-00 - 432 W

A
71-3433-00-00 - 288 W
71-1553-00-00 - 288 W

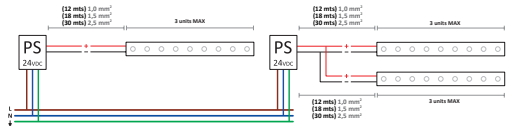
C 1-10V
71-0727-00-00 - 312 W

C RGB
71-4662-00-00 - 432 W
71-4663-00-00 - 432 W (IP65)
71-4666-00-00 - REMOTE (OPTIONAL)

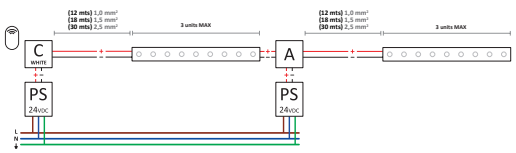
WHITE

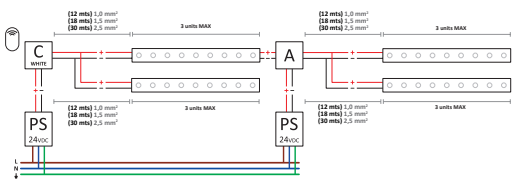
05-3442-54-H6 / 05-4669-54-H6 (36W)

ON / OFF

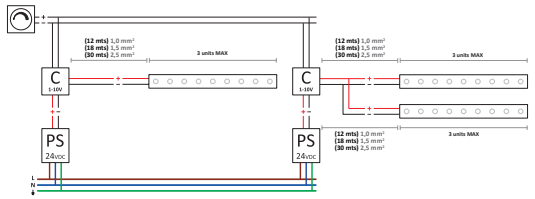


DIMMING WITH REMOTE CONTROL

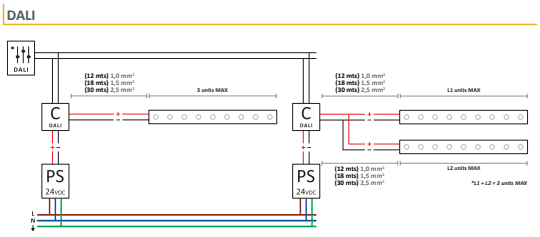




1-10V



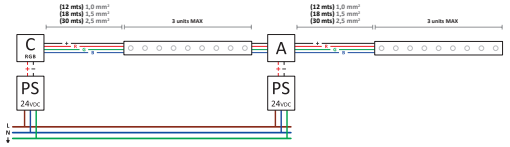
DALI



RGB

05-3443-54-H6 (36W)

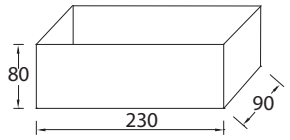
RGB CONTROL WITH / WITHOUT REMOTE CONTROL



(...)

05-8961
05-9211
05-9212

1



10-9774

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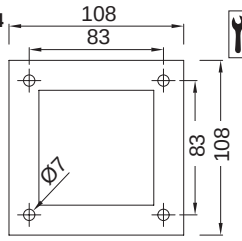

05-9159

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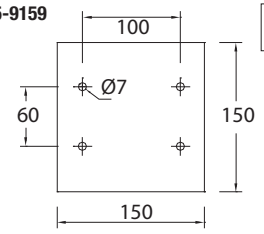
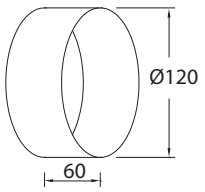


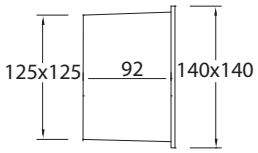
05-9771

4



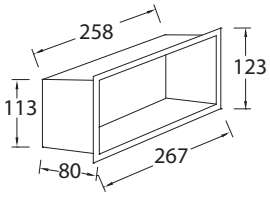
05-9770

5



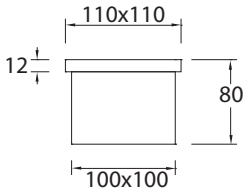
05-9179

6



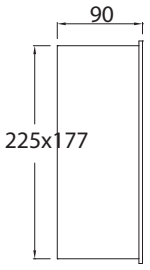
05-9182

7



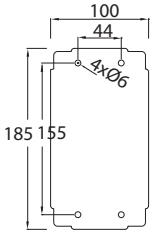
05-9772

8



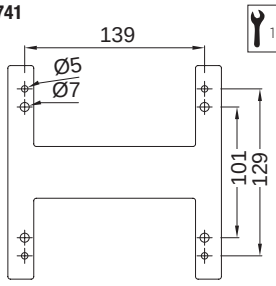
05-9344

9



55-9741

10



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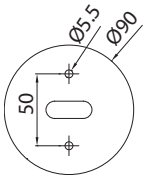

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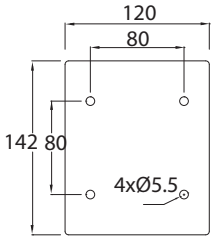

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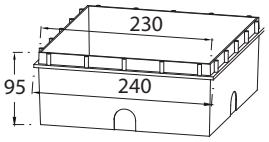

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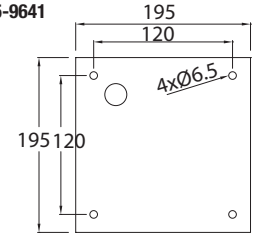

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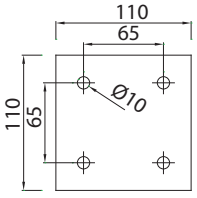

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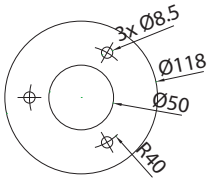

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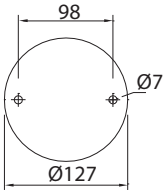

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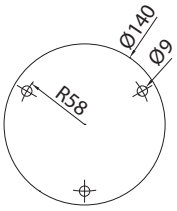

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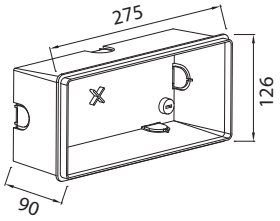

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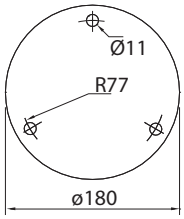

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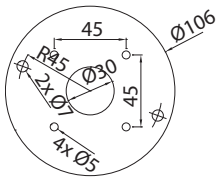

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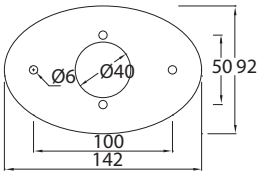

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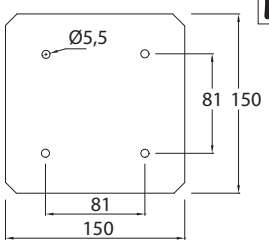

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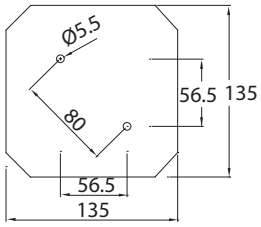

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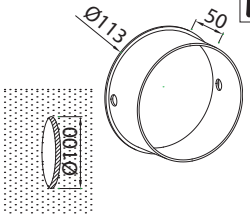

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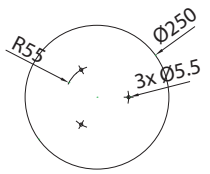

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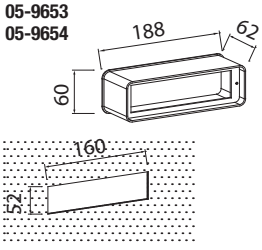

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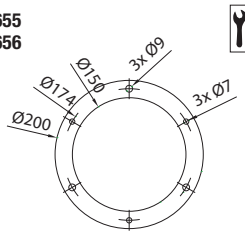

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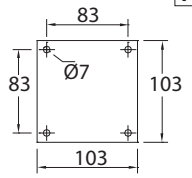

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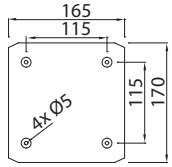

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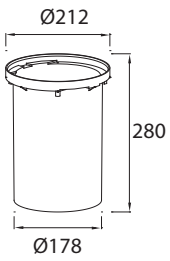

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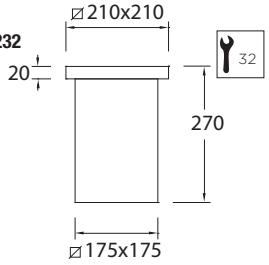

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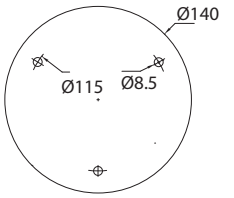

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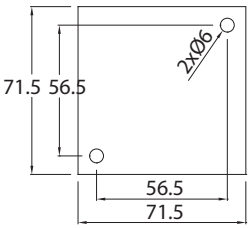

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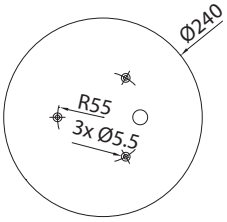

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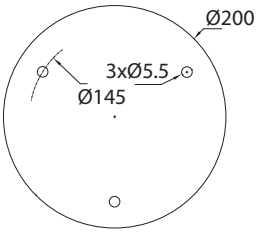

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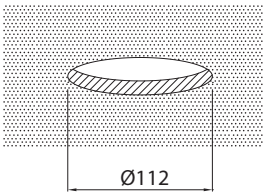

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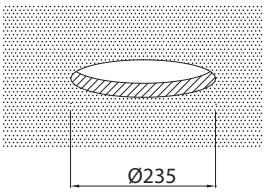

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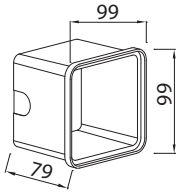

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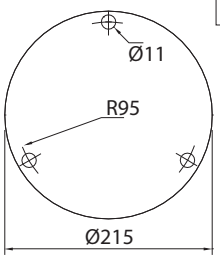

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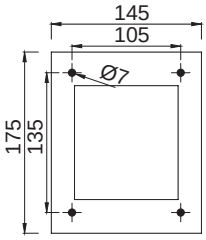

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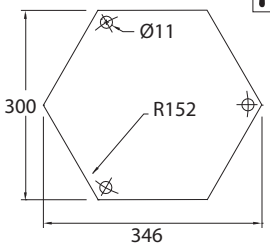

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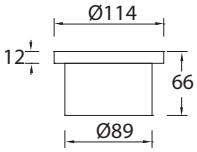

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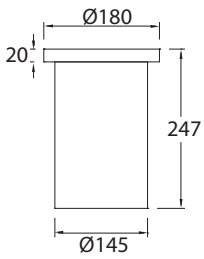

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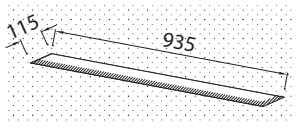

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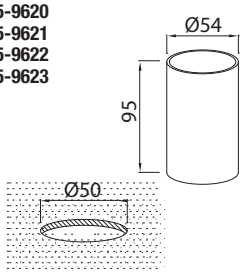

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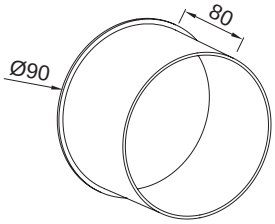

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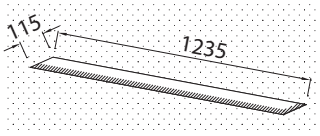

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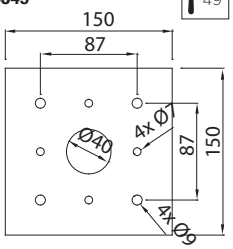

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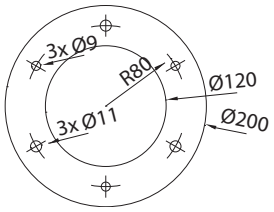

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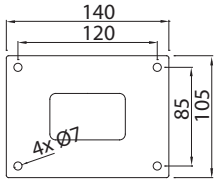

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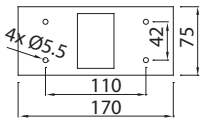

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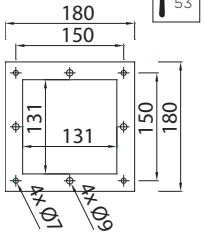

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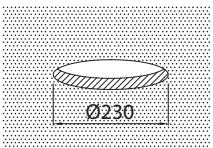

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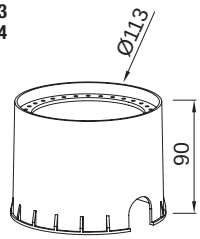

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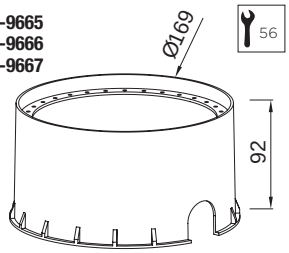

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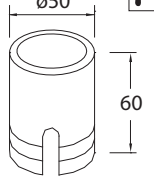

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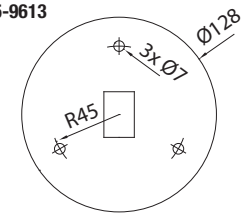

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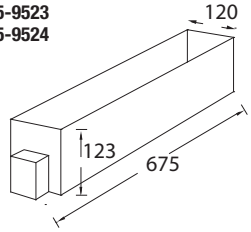

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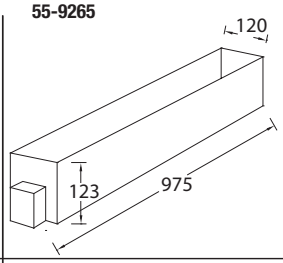

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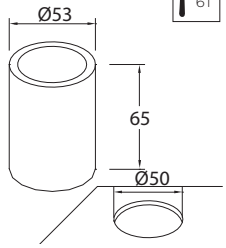

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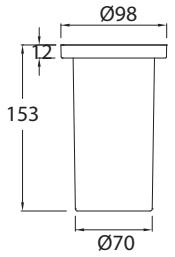

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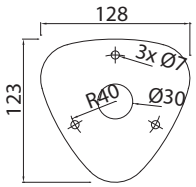

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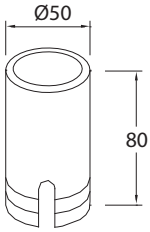

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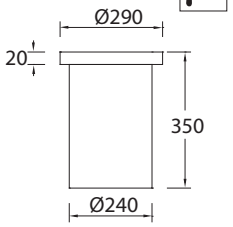

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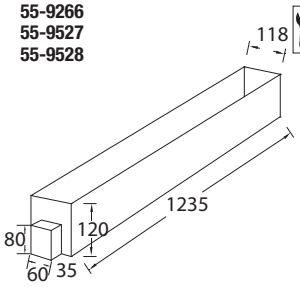

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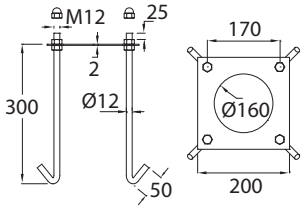

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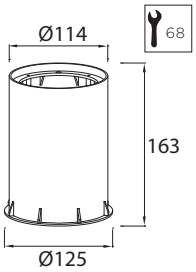

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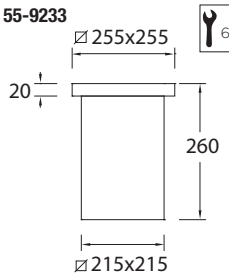

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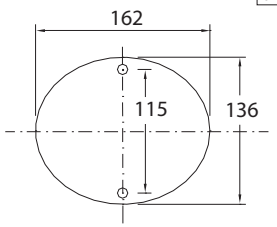

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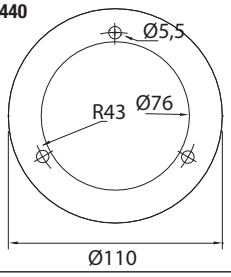

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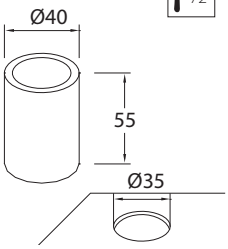

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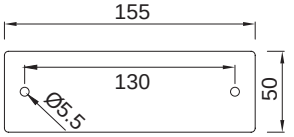

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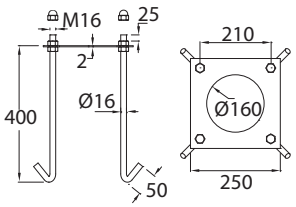

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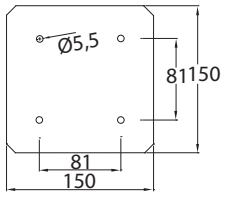

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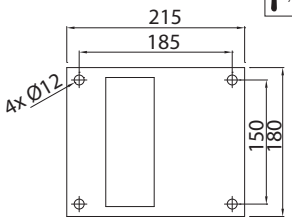

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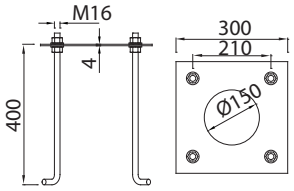

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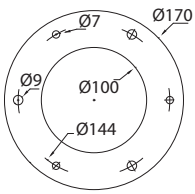

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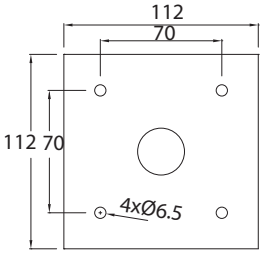

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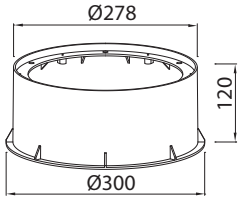

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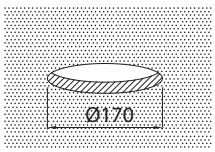

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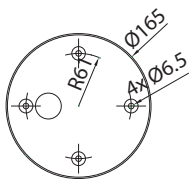

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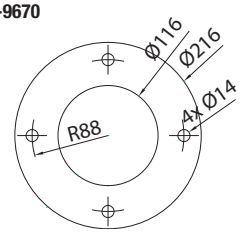

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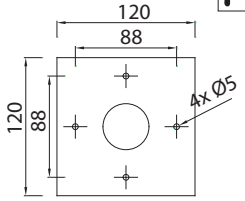

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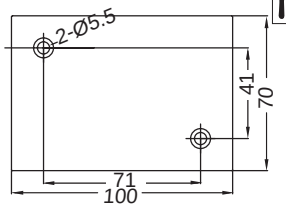

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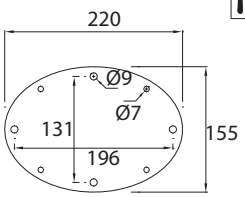

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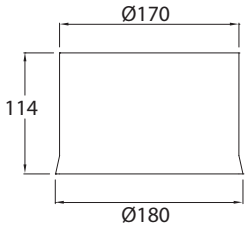

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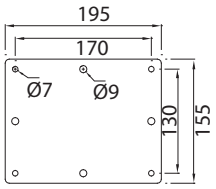

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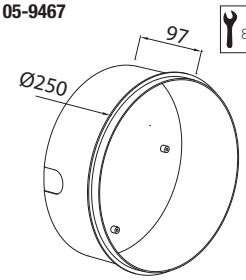

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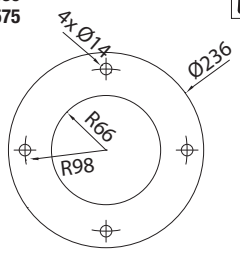

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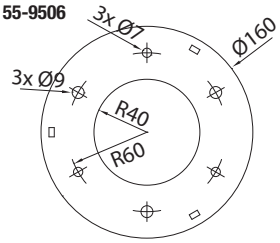

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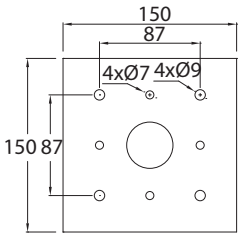

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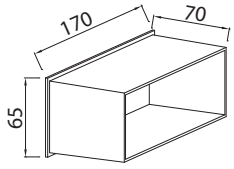

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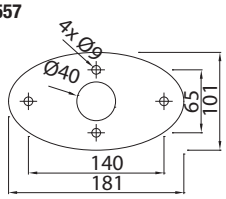

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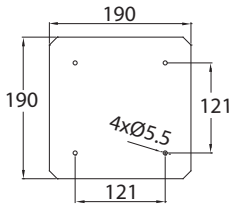

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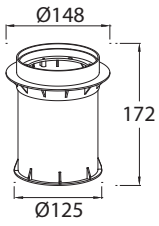

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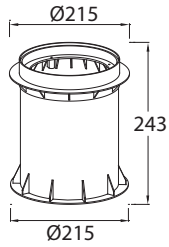

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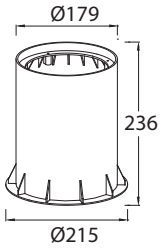

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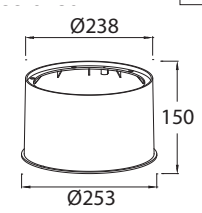

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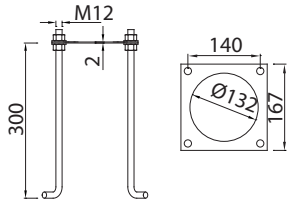

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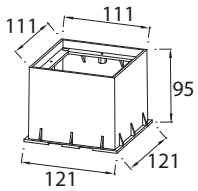

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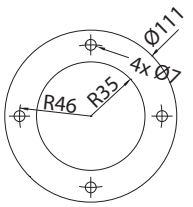


EMPOTRABLES DE TIERRA – DRENAJE

Es imprescindible seguir las instrucciones de montaje y la guía de instalación de los empotrables para lograr el mejor funcionamiento posible de la luminaria.

1. Evitar colocar las luminarias en zonas de depresión del terreno.
2. Evitar colocar las luminarias en zonas donde se pueda acumular agua y en ubicaciones permanentemente húmedas, como jardines o césped.
3. Evitar el uso de productos químicos utilizados para el abono de jardines ya que pueden deteriorar algunos componentes.
4. Nivelar la luminaria con el pavimento.
5.Prever un recubrimiento de dilatación en el caso de empotrables colocados en superficies como el cemento o el hormigón para evitar la posible dilatación o compresión.
6. Colocar un drenaje eficaz para evitar el estancamiento de agua, como mínimo de 25 centímetros de grava por debajo de la carcasa de instalación. Un drenaje correcto debe absorber hasta 10 litros de agua en 15 minutos.
7. Hacer funcionar la luminaria durante 20 minutos sin el cristal para evitar condensaciones de agua dentro.

BUILT-IN FLOOR LUMINAIRES - DRAINAGE

It is essential to follow the assembling instructions and the installation guide of the built-in luminaires in order to achieve the best performance.

1. Avoid installing the luminaires in terrain depressions.
2. Avoid installing the luminaires in areas where water can accumulate and in places that are permanently damp, such as gardens or lawns.
3. Avoid the use of chemical products used to fertilise gardens because they could damage some of the components.
4. Level the luminaire with the surface.
5. Anticipate a dilation coating for built-in luminaires installed on surfaces like cement or concrete, to avoid possible dilation or compression.
6. Install an effective drainage system to avoid the accumulation of water, at least 25 cm of gravel under the installation casing. A correct drainage must absorb up to 10 litres of water in 15 minutes.
7. Put the light on for 20 minutes without the glass to avoid condensation inside.

ENCASTRABLES AU SOL – DRAINAGE

Il est indispensable de suivre les instructions et le guide d'installation des encastrables afin de garantir un éclairage optimum.

1. Eviter l'installation de luminaires dans des zones de dépression de terrain.
2. Eviter l'installation de luminaires dans des espaces où s' accumule de l'eau ou des zones humides telles que jardins ou pelouses.
3. Eviter l'utilisation de produits chimiques utilisés pour le compostage des jardins car ils peuvent détériorer certains composants.
4. Niveler le terrain en vue de l'installation des luminaires.
5. Prévoir un recouvrement pour la dilatation dans le cas de luminaires encastrables installés en surface tel que le ciment ou le béton, afin d'éviter une possible dilatation ou compression.
6. Poser un drain efficace afin d'éviter toute stagnation de l'eau, avec un minimum de 25 centimètres de gravier en dessous de l'installation. Un drain efficace doit permettre d'absorber jusqu'à 10 litres d'eau en 15 minutes.
7. Faire fonctionner le luminaire pendant 20 minutes, sans le verre, afin d' éviter toute condensation d'eau à l'intérieur.

BODENEINBAULEUCHTEN – DRAINAGE

Die Montageanweisungen und Anleitungen des Handbuchs für die Installation der Bodeneinbauleuchten sind unbedingt zu befolgen, um den bestmöglichen Betrieb der Beleuchtungskörper gewährleisten zu können.

1. Vermeiden Sie die Monatge der Beleuchtungskörper in abschüssigem Gelände.
2. Vermeiden Sie die Montage der Beleuchtungskörper in Bereichen der Wasseransammlung und in Feuchtzonen, wie Gärten und Rasenflächen.
3.Vermeiden Sie die Verwendung von chemischen Gartendüngemitteln, da diese einen schädlichen Einfluss auf einige der Komponenten ausüben können.
4. Bringen Sie den Beleuchtungskörper und den Bodenbelag auf eine Höhe.
5. Sorgen Sie beim Einbau der Beleuchtungskörper in Zement- oder Betonflächen für eine geeignete Ummantelung, um eine eventuelle Ausdehnung oder ein Zusammenpressen zu verhindern.
6. Bauen Sie ein wirksames Drainagesystem ein, um das Anstauen von Wasser zu vermeiden, wobei ein Kiesbett von midestens 25 cm unter dem Einbaugehäuse vorhanden sein muss. Bei einer korrekten Drainage müssen bis zu 10 Liter Wasser in 15 Minuten absorbiert werden.
7. Nehmen Sie den Beleuchtungskörper 20 Minuten lang ohne Deckglas in Betrieb, um eine Kondensierung des Wassers im Inneren der Leuchte zu vermeiden.

ELEMENTI DA INCASSARE AL SUOLO - DRENAGGIO

È indispensabile seguire le istruzioni di montaggio e la guida di installazione degli elementi ad incasso per garantire il migliore funzionamento possibile.

1. Evitare di collocare i faretti in zone depresse del terreno.
2. Evitare di collocare i faretti in zone in cui possa accumularsi acqua e in ubicazioni permanentemente umide, come giardini o prati.
3. Evitare l'uso dei prodotti chimici usati per la concimazione di giardini, dal momento che potrebbero deteriorare alcuni componenti del faretto.
4. Collocare il faretto a livello del suolo.
5. Prevedere una giunta di dilatazione nel caso di elementi ad incasso collocati in superfici come cemento e calcestruzzo, per evitare la possibile dilatazione o compressione.
6. Disporre un drenaggio efficace per evitare il ristagno dell'acqua, come minimo di 25 centimetri di ghiaia al di sotto della carcassa di installazione. Un drenaggio corretto deve assorbire fino a 10 litri di acqua in 15 minuti.
7. Far funzionare il faretto per 20 minuti senza il vetro per evitare che al suo interno di formi condensazione.

ENCASTRÁVEIS DE TERRA – DRENAGEM

É imprescindível que siga as instruções de montagem e o guia de instalação dos encastráveis para obter o melhor funcionamento possível do aparelho de iluminação.

1. Evite colocar os aparelhos de iluminação em zonas de depressão do terreno.
2. Evite Coloque os aparelhos de iluminação em zonas onde se possa acumular água e em localizações permanentemente húmidas, como jardins ou relva.
3. Evite o uso de produtos químicos utilizados para o adubamento de jardins, dado que eles podem deteriorar alguns componentes.
4. Nivele o aparelho de iluminação pelo pavimento.
5. Preveja um revestimento de dilatação no caso de encastráveis colocados em superfícies como o cimento ou o betão para evitar a eventual dilatação ou compressão.
6. Coloque uma drenagem eficaz para evitar a estagnação da água, no mínimo de 25 centímetros de gravilha abaixo da carcaça de instalação. Uma drenagem correcta deve absorver até 10 litros de água em 15 minutos.
7. Faça funcionar o aparelho de iluminação durante 20 minutos sem o vidro para evitar condensações de água dentro dele.

ВСТРОЕННЫЕ НАПОЛЬНЫЕ ОСВЕТИТЕЛЬНЫЕ ПРИБОРЫ – ДРЕНАЖ

Для обеспечения оптимальной работы осветительного прибора необходимо в точности следовать инструкциям и пособию по установке для встроенных приборов.

1. Не устанавливать осветительные приборы во впадинах.
2. Не устанавливать осветительные приборы на участках, предрасположенных к скоплению воды и в местах с повышенным содержанием влаги, таких, как, например, сады или газоны.
3. Попадание химических удобрений, используемых для садовых растений, может повредить поверхность лампы.
4. Устанавливать осветительные приборы на уровне поверхности.
5. Предусмотреть нанесение покрытия в случае установки осветительных приборов на таких поверхностях как цемент или бетон, для предотвращения возможного расширения или сжатия.
6. Установить эффектный дренаж для задержки воды, как минимум в 25 см гравия расположенного под структурой осветительного прибора. Адекватная дренажная система должна абсорбировать до 10 литров воды в течении 15 минут
7. Включить осветительный прибор за 20 минут до установки стекла для предотвращения водной конденсации.

WBUDOWYWANE OPRAWY PODŁOGOWE – DRENAŻ

Aby osiągnąć najlepszą wydajność należy bezwzględnie stosować się do instrukcji montażu lamp wbudowywanych.

1.Unikać montowania opraw w zagłębieniach terenu.
2.Unikać stosowania opraw w miejscach gdzie często zbiera się woda lub miejscach wilgotnych takich jak ogrody i trawniki.
3.Unikać kontaktu opraw z nawozami, ponieważ mogą one zniszczyć części opraw.
4.Wypoziomować oprawę.
5.Zastosować przerwy dylatacyjne przy montażu opraw w betonie, aby zapobiec ściskaniu i rozszerzaniu.
6.Zastosować system drenażowy pod oprawą – co najmniej 25cm żwiru pod dnem oprawy. Właściwy drenaż powinien przepuszczać 10 litrów wody w 15 min.
7.Uruchom lampę na 20 minut bez przykrycia celem odparowania wilgoci.

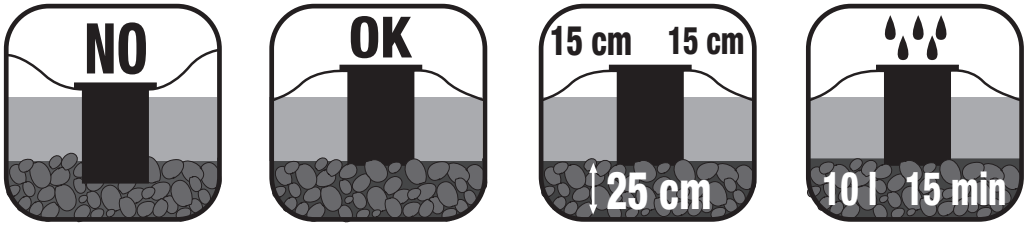


Tabla de resistencia a la corrosión Acero inoxidable / Corrosion resistance table of Stainless steel / Tableau de résistance à la corrosion de l'acier inoxydable / Korrosionsfeste Platte aus rostfreiem Stahl / Tabola di resistenza alla corrosione dell'acciaio / Tabela de resistência à corrosão do aço inoxidável / Таблица о ржавоустойчивости нержавеющей стали / TABELA OCHRONY ANTYKOROZYJNEJ STALI NIERDZEWNEJ

	AISI 202	AISI 304	AISI 316
Agua doméstica / Domestic water / Eau ménagère / Haushalswasser / Acqua domestica / Água doméstica /Хозяйственно-бытовая вода / Woda domowa	OK	OK	OK
Agua doméstica conteniendo cloro Domestic water containing chloride Eau ménagère contenant du chlore Chlorenhaltendes Haushaltswasser Acqua domestica contenente di cloro Água doméstica contendo cloro Хозяйственно-бытовая вода с хлором Woda domowa z chlorem	X	X	OK
Agua de mar / Sea water / Eau de mer / Meerwasser / Acqua di mare / Água do mar / Морская вода / Woda morska	X	X	OK
Aire / Air / Air / Luft / Aria / Ar / Воздух / Powietrze	OK	OK	OK
Atmósfera marina / Marine atmosphere /Atmosphère marine / Meeresatmosphäre / Atmosfera marina / Atmosfera marinha /Приморская атмосфера / Powietrze nadmorskie	X	X	OK

	AISI 202	AISI 304	AISI 316
Vapor de agua / Water vapor / Vapeur d'eau / Wasserdampf / Vapore di acqua / Vapor de água / Пар / Para wodna	OK	OK	OK
Limpiadores químicos quita cemento / Chemical cleaning for use on cement / Nettoyeurs chimiques lève ciment /Chemische Reiniger zur Zemententfernung / Prodotti chimici di pulizzia per il cemento / Limpadores químicos para a remoção de cimento / Химические чистящие средства для цемента / Środki czyszczące do betonu	X	X	X
Suelos con un PH alto o alcalinos / Floors with high PH or alqualine values / Terres avec un pH haut ou alcalins / Böden mit hohem PH-Wert oder alkalische Böden / Pavimenti con alto PH ed alcalini / Terrenos com um PH alto ou alcalinos / Поверхности с высоким водородным показателем или щелочные / Podłogi o wysokim ph i odczynie kwasowym	X	X	OK
Fertilizantes y abonos químicos / Fertilizers and chemical fertilizers / Fertilisants et engrais chimiques / Düngemittel und chemische Dünger / Fertilizzantese e prodotti chimici / Fertilizantes e adubos químicos / Удобрения и химические удобрения / Nawozy i nawozy sztuczne	X	X	X

LIMPIEZA Y MANTENIMIENTO DEL ACERO INOXIDABLE

Por su excelente resistencia y belleza, el acero inoxidable es un material de fácil conservación, tendiéndose a veces a tener la errónea idea de que no requiere mantenimiento. Pero es necesario seguir unas recomendaciones mínimas durante su almacenamiento manipulación y uso. Una limpieza adecuada permiten mantener inalteradas sus características originales, preservando su resistencia a la corrosión y apariencia.
Durante las tareas de limpieza, asegurar que se eliminan las acumulaciones de contaminantes llevados por el aire. Esto es muy importante en lugares industriales o marítimos ya que pueden provocar corrosión localizada si no se eliminan eficazmente.
Para eliminar la suciedad sobre la superficie, se debe utilizar un paño húmedo o una gamuza. En caso de suciedad más difícil, utilizar detergentes suaves de uso doméstico con estropajos o cepillos suaves de nylon (no usar estropajos de acero). Después de limpiar, elimine los residuos con agua desionizada y seque la superficie.
La frecuencia para una limpieza regular es de 6-12 meses para una suciedad moderada y de 3-6 meses cuando es más abundante, o para ambientes en que se den las siguientes condiciones:
- atmósferas marinas - ambientes repletos de contaminantes industriales - sal pulverizada proveniente de la sal utilizada en carreteras - suciedad atmosférica y del tráfico.
No deben usarse limpiadores que contengan cloruros ni lejías.
Encontrará información más detallada en: www.leds-c4.com

CLEANING AND MAINTENANCE OF STAINLESS STEEL

Stainless steel is a highly resistant beautiful material being easy to conserve. However, it does require maintenance. For this reason, it is necessary to follow some minimum recommendations during its storage, manipulation and use. Correct cleaning preserves its original characteristics, especially its resistance to corrosion.
During cleaning it is important to clean the contaminating agents which are present in the atmosphere. This is particularly the case in industrial places or close to a marine environment, as these areas can cause localized corrosion if they are not efficiently eliminated.
A damp cloth or chamois leather cloth should be used to eliminate the dirt on the surface. In case of extra dirt, gentle detergents suitable for domestic use should be used with non abrasive scrubbers or nylon brushes (no metal scrubbers). After cleaning wipe away the residue with water and dry surface.
The recommended frequency is every 6-12 months for moderate dirt and 3-6 months for heavy dirt or for the following situation:
- Marine atmosphere - Industrial contanimated areas - Salt from road gritting - Dirt from traffic.
No cleaning agents that contain chloride or bleach should be used
You can find further information at: www.leds-c4.com

NETTOYAGE ET ENTRETIEN DE L'ACIER INOXYDABLE

Du fait de son excellente résistance et de sa beauté, l'acier inoxydable est un matériau facile à conserver. Il exige toutefois plus d'entretien qu'on ne le pense. Il convient de respecter des consignes élémentaires pendant le stockage, la manipulation et l'utilisation de ce matériau. Un nettoyage adéquat permet d'en maintenir les caractéristiques initiales inchangées et d'en préserver la résistance à la corrosion ainsi que l'apparence.
Pendant le nettoyage, veillez à éliminer les accumulations de contaminants présents dans l'air. Cela est très important en milieu industriel ou marin car ces particules risquent de provoquer une corrosion localisée si elles ne sont pas éliminées efficacement.
Pour éliminer les salissures de la surface, il convient d'utiliser un chiffon humide ou une peau de chamois. En cas d'impuretés plus tenaces, utilisez des détergents doux à usage ménager combinés à des éponges ou brosses douces en nylon (pas d'éponge métallique). Après le nettoyage, éliminez les résidus avec de l'eau déionisée et séchez la surface.
Il est conseillé de nettoyer tous les 6-12 mois en cas de salissures modérées et tous les 3-6 mois en cas de salissures plus incrustées ainsi que dans les circonstances suivantes : milieu marin, milieu riche en contaminants industriels, projections de sel d'épandage, impuretés atmosphériques et dues à la circulation routière.
N'utilisez pas de produits nettoyants contenant des chlorures ou de l'eau de javel.
Vous trouverez de plus amples informations sur le site : www.leds-c4.com

REINIGUNG UND INSTANDHALTUNG VON ROSTFREIEM STAHL

Aufgrund seiner hohen Beständigkeit und seines attraktiven Erscheinungsbildes ist rostfreier Stahl ein einfach instand zu haltendes Material. Viele neigen daher zur irrtümlichen Annahme, dass rostfreier Stahl keine Wartung benötigt. Nichtsdestoweniger sollte man sich bei seiner Lagerung, Handhabung und seinem Gebrauch an gewisse Mindestanweisungen halten. Eine angemessene Reinigung trägt dazu bei, seine Eigenschaften im ursprünglichen Zustand zu erhalten, seine Korrosionsbeständigkeit zu erhöhen und sein attraktives Aussehen zu bewahren.
Während der Reinigung sollte man darauf achten, dass alle verunreinigenden Stoffe, die durch die Luft auf das Metall übertragen wurden, vollkommen entfernt werden. Dies ist besonders in den Bereichen der Industrie und der Seefahrt wichtig, denn werden diese Stoffe nicht auf wirksame Weise entfernt, so können sie an bestimmten Stellen Korrosionserscheinungen hervorrufen.
Für die Entfernung der Verunreinigungen von der Oberfläche ist ein feuchtes Tuch oder ein Wischlappen zu benutzen. Bei hartnäckigem Schmutz können milde Haushaltsreiniger mit weichen Scheuerlappen oder Nylonbürsten (keine Scheuerschwämme aus Stahl verwenden) eingesetzt werden. Danach müssen die Rückstände des Reinigers mit entionisiertem Wasser abgespült und die Oberfläche abgetrocknet werden.
Eine regelmäßige Reinigung sollte bei mässigem Schmutzbefall alle 6-12 Monate durchgeführt werden, bzw. alle 3-6 Monate bei stärkerem Schmutzbefall oder bei Vorliegen der folgenden Bedingungen:
- im Meerwasserbereich - in Bereichen mit starker industriell bedingter Verschmutzung - bei Einwirkung von Streusalz, das auf den Straßen eingesetzt wird - wetter- oder verkehrsbedingter Schmutzbefall.
Es dürfen keine Reiniger benutzt werden, die Chloride oder Laugen enthalten.
Ausführlichere Information finden Sie in: www.leds-c4.com

PULIZIA E MANTENIMENTO DELL'ACCIAIO INOSSIDABILE

Per sua particolare resistenza e bellezza, l'acciaio inossidabile è un materiale di facile conservazione, è però necessaria un po' di manutenzione.
E' necessario seguire qualche raccomandazione durante l'immagazzinamento, manipolazione ed uso. La pulizia appropriata permette di conservare la sua caratteristica originale, non solo la resistenza alla corrosione ed il suo aspetto.
Durante la pulizia, bisogna assicurarsi che gli accumuli di sostanze contaminanti portate dall'aria siano rimossi. Ciò è particolarmente importante in ambienti marini ed industriali, questi possono dar luogo a corrosione localizzata, se non rimossi accuratamente.
Per rimuovere uno sporco leggero o le impronte, è consigliabile usare un panno umido o di pelle scamosciata. Invece per lo sporco più consistente è consigliabile usare dei prodotti di uso domestico, spugnette oppure spazzole soffici (assolutamente non usare pagliette abrasive o metalliche). Dopo aver effettuato un'appropriata pulizia, rimuovere i residui con acqua preferibilmente deionizzata ed asciugare.
Si consiglia una pulizia ogni 6-12 mesi per uno sporco leggero, ed ogni 3-6 mesi per quello più pesante derivante dagli ambienti sotto citati:
- atmosfere marine - ambienti carichi di prodotti industriali inquinanti - spruzzi di acqua contenenti il sale antighiaccio sparso sulle strade - inquinamento atmosferico e da traffico.
Non devono essere usati dei prodotti contenenti cloruri e neanche candeggine a base di acido ipoclorico.
Troverete informazioni più specifiche sul sito: www.leds-c4.com

LIMPEZA E MANUTENÇÃO DO AÇO INOXIDÁVEL

Dada a sua excelente resistência e beleza, o aço inoxidável é um material de conservação fácil, tendendo-se por vezes a ficar com a ideia de que não necessita de manutenção. No entanto é necessário que se sigam recomendações mínimas durante o seu armazenamento, manuseamento e uso. Uma limpeza adequada permite que se mantenham inalteradas as suas características originais, preservando a sua resistência à corrosão e o seu aspecto.
Durante as tarefas de limpeza, certifique-se de que são eliminadas as acumulações de contaminantes transportados pelo ar. Isto é muito importante em locais industriais ou marítimos, dado que tais contaminantes podem provocar corrosão localizada se não forem eficazmente eliminados.
Para eliminar a sujidade existente à sua superficie, deve-se utilizar um pano húmido ou uma camurça. No caso de sujidade mais difícil, devem ser utilizados detergentes suaves de uso doméstico, com esfregões ou escovas suaves de nylon (não se devem usar esfregões de aço). Depois da limpeza, devem ser eliminados os resíduos com água desionizada e secar a superficie.
Para uma limpeza regular, a frequência é de 6-12 meses para sujidade moderada e de 3-6 meses para sujidade mais abundante, ou para ambientes em que se verifiquem as condições seguintes:
-atmosferas marinhas -ambientes repletos de contaminantes industriais -sal pulverizado proveniente do sal utilizado nas estradas -sujidade atmosférica e do trânsito.
Não se devem usar produtos de limpeza que contenham cloretos ou lixívias.
Pode encontrar informações mais detalhadas em: www.leds-c4.com

ЧИСТКА И УХОД ЗА НЕРЖАВЕЮЩЕЙ СТАЛЬЮ

Благодаря своим эстетическим характеристикам и долгоизнашиваемости, нержавеющая сталь является материалом, способным при ее правильном уходе сохранять свой первоначальный вид очень долгое время. Необходимо придерживаться минимальных рекомендаций распространяющихся на уход, хранение и использование. Адекватная чистка позволит сохранить первозданные качества, а также внешний вид и устойчивость к ржавчине. В процессе чистки обратите внимание на удаление с поверхности всего накопившегося загрязнения.
. Важно следовать этому требованию в индустриальных или приморских районах, так как неправильная чистка может привести к образованию ржавчины.
Используйте влажную тряпку или кусок замши для удаления грязи с поверхности. При особом загрязнении используйте мягкие моющие средства для домашнего пользования, и мягкие скребки или нейлоновые щётки (не допускается использование металлических щёток). После чистки сполосните водой и высушите поверхность.
При среднем загрязнении чистка должна производиться через каждые 6-12 месяцев, и каждые 3-6 месяцев при сильном загрязнении или при наличии следующих условий окружающей среды:
- приморский район - при сильном индустриальном загрязнении - использовании соли на дорогах.
Не использовать чистящие средства, содержащие хлор или отбеливатель
Вы сможете получить дополнительную информацию, зайдя на интернет-страницу www.leds-c4.com

CZYSZCZENIE I KONSERWACJA STALI NIERDZEWNEJ

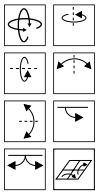
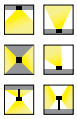
Stal nierdzewna to piękny i wysoce odporny materiał łatwy w konserwacji. Mimo to, należy o niego dbać. Dlatego ważne jest aby przestrzegać kilku zasad przy przechowywaniu, obróbce i używaniu stali nierdzewnej. Właściwe czyszczenie utrzymuje właściwości fizyczne, a w szczególności odporność na korozję.
Czyszcząc ważne jest usuwanie substancji niekorzystnie wpływających na stal, obecnych w atmosferze. Ważne jest to zwłaszcza w otoczeniu przemysłowym lub morskim, gdzie niedokładnie wyczyszczone powierzchnie mogą powodować miejscową korozję. Wilgotna ściereczka, lub ściereczka zzamszowa powinny być używane do czyszczenia stali nierdzewnej. W przypadku mocniejszych zabrudzeń można użyć domowych detergentów i nie metalowej skrobaczki. Po czyszczeniu należy powierzchnię zmyć wodą i wytrzeć do sucha. Zaleca się czyszczenie co 6-12 miesięcy przy niskim zanieczyszczeniu, i co 3-6 miesięcy przy wysokim zanieczyszczeniu lub w następujących warunkach:
-morska atmosfera -miejsca skażone przemysłowo -sól do posypywania dróg -bród z ruchu kołowego -Nie stosować środków zawierających chlor lub wybielacz.
Więcej informacji na www.leds-polska.pl

	ESPAÑOL	ENGLISH	FRANÇAIS	DEUTSCH
	Clase I	Class I	Classe I	Klasse I
	Clase II	Class II	Classe II	Klasse II
	Clase III	Class III	Classe III	Klasse III
	Sistema de codificación para indicar el grado de protección proporcionado por un envolvente contra la entrada de elementos sólidos y líquidos	A coding system that shows the degree of protection that a casing provides against the penetration of solid objects or dust and liquids	Système de codification permettant d'indiquer le degré de protection procuré par une enveloppe contre la pénétration de corps solides, poussières et liquides	Dieses Codierungssystem dient zur Angabe des Schutzgrades, der mit einer besonderen Verkleidung zum Schutz gegen das Eindringen fester Gegenstände, Staub oder Flüssigkeiten erreicht wird
	Sistema de codificación para indicar el grado de protección proporcionado por un envolvente contra los impactos mecánicos nocivos. Energía de impacto (Jules)	It is a coding system that shows the level of protection that a casing provides against damaging mechanical impacts. Energy of impact (Jules)	Système de codification permettant d'indiquer le degré de protection procuré par une enveloppe contre les impacts mécaniques nuisibles. Energie d'impact (en Joules)	Dieses Codierungssystem dient zur Angabe des Schutzgrades, der mit einer besonderen Verkleidung zum Schutz gegen schädliche mechanische Einflüsse erreicht wird. Schlagenergie (Joule)
	Luminarias no adecuadas para cubrirse con material aislante térmico	Luminaires should never be covered with any heat insulating material	Ces luminaires ne doivent pas être recouverts de matériau thermo-isolant	Nicht geeignet für eine Installation in einer isollierten Decke
	Luminarias no adecuadas para el montaje directo en superficies normalmente inflamables	Non suitable for direct installation on normally inflamable surfaces	Luminaires inadéquates pour le montage directe sur des surfaces qui sont normalement inflammables	Montage auf normal entflammbaren Oberflächen nicht zulässig
	Resistente al hilo incandescente a 850°C	Resistance to incandescent wire at 850°C	Tenue au feu 850°C	Glühdrahtbeständig auf 850°C
	Distancia mínima entre el foco de la luminaria y el objeto iluminado	Minimum distance to be left between the focus of the lighting fixture and the lightened object	Distance minimale entre le foyer du luminaire et l'objet éclairé	Mindestabstand zwischen dem Scheinwerfer der Leuchte und dem beleuchteten Gegenstand
	Uso independiente	Independent use	Utilisation indépendante	Unabhängiger Betrieb
	Diámetro de empotramiento	Hole diameter for recessing	Diamètre d'encastrement	Einbaudurchmesser
	Corte de empotramiento.	Hole dimensions for recessing	Coupe d'encastrement	Einbauschnitt
	Producto para empotrar o de superficie	Surface-mount or recessed product	Produit à encastrer ou de surface	Produkt zum Einbau und zur Oberflächenmontage
	Los anclajes permiten su instalación en techos de X mm a X mm	The fixing can be used on X mm - X mm ceilings	Les fixations permettent d'installer le modèle sur des plafonds de X à X mm	Die Federn gestatten eine Installation an Decken von X mm bis X mm
	Equipo no incluido	Gear not included	Équipement non compris	Vorschaltgerät nicht inklusive
	Equipo electrónico	Electronic gear	Equipement electronique	Elektronisches Vorschaltgerät
	Equipo magnético	Magnetic gear	Equipement magnetique	Magnetisches Vorschaltgerät
	Unidades de embalaje	Items per box	Unité d'emballage	Verpackungseinheiten
 p.XXX	Ver página xxx	See page xxx	Voir page XXX	Siehe Seite XXX
	Modelos registrados	Registered models	Modèles enregistrés	Eingetragene Modelle
	Luz cálida	Warm light	Lumière chaude	Warmweißes Licht
	Luz natural	Natural light	Lumière naturelle	Neutralweißes Licht
	Luz fría	Cold light	Lumière froide	Kalt-weisses Licht
	Luz RGB	RGB light	Lumière RGB	RGB Licht
lm(N)	Flujo nominal basado en condiciones reales de trabajo (25ºC<Ts<90ºC). La salida de flujo real de la luminaria dependerá de las condiciones ambientales y la eficacia óptica de la luminaria	Nominal flux based on real working conditions (25ºC<Ts<90ºC). The real output flux of the luminaire will depend on environmental conditions and the optical efficiency of the luminaire	Flux nominal basé sur des conditions de fonctionnement réelles (25ºC<Ts<90ºC). La sortie de flux réel du luminaire dépend des conditions environnementales et de l'efficacité optique du luminaire	Nominal-Lichtfluss basierend auf tatsächlichen Betriebsbedingungen (25ºC<Ts<90ºC). Der tatsächliche Lichtfluss der Leuchte hängt von den Bedingungen am Aufstellort und dem optischen Wirkungsgrad der Leuchte ab

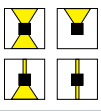
ITALIANO	PORTUGUÊS	РУССКИЙ ЯЗЫК	POLSKI
Classe I	Classe I	Класс I	Klasa I
Classe II	Classe II	Класс II	Klasa II
Classe III	Classe III	Класс III	Klasa III
Sistema di codificazione per indicare il grado di protezione offerto da un involucro contro la penetrazione di oggetti solidi, di polvere, o di liquidi	Sistema de codificação para a indicação do grau de protecção proporcionado por um invólucro contra a penetração de objectos sólidos ou pó e líquidos	Система кодирования для обозначения степени защиты обеспечиваемой корпусом против попадания твердых и жидких элементов	System kodowania wskazujący na stopień ochrony przed wnikaniem ciał obcych, kurzu i wody
Sistema di codificazione per indicare il grado di protezione fornito da un rivestimento contro gli impatti meccanici dannosi. Energia di impatto (Joule)	Sistema de codificação para indicar o grau de proteção proporcionado por um invólucro contra os impactos mecânicos nocivos. Energia de impacto (Jules)	Система кодирования для обозначения степени защиты обеспечиваемой корпусом от механических ударов. Сила удара (в Дж)	System kodowania dla wskazania stopnia ochrony obudowy przed szkodliwym uderzeniom mechanicznym. Energia uderzenia (Dżule)
Apparecchi inappropriati per essere coperti con materiale isolante termico	Estas luminárias não podem ser cobertas com material isolante térmico	Не допускается теплоизоляция данных светильников	Oprawy nigdy nie powinny być przykrywane materiałem izolującym ciepło
Apparecchi inappropriati per montaggio su superfici infiammabili	Estas luminárias não podem ser montadas diretamente sobre superfícies normalmente inflamáveis	Не допускается установка данных светильников на легковоспламеняющихся поверхностях	Nie instalować bezpośrednio na powierzchniach łatwopalnych.
Resistente a filo incandescente 850°C	Resistente ao fio incandescente a 850°C	Прошло испытание спиралью накаливания 850°C	Odpornośćna drut żarowy o temperaturze 850°C
Distanza minima tra la lampada e l'oggetto illuminato	Distância mínima entre o foco da luminaria e o objecto iluminado	Минимальное расстояние между световым фокусом и освещаемым объектом	Minimalna odległość do zachowania pomiędzy czołem lampy a oświetlanym obiektem
Uso indipendente	Utilização independente	Независимое использование	Niezależne zastosowanie
Diametro di incasso	Diâmetro de encastramento	Диаметр отверстия для встроенного монтажа	Średnica wbudowania
Foro di incasso	Corte de encastramento	Размер отверстия для встроенного монтажа	Przekrój wbudowania
Prodotto da incasso o di superficie	Produto para encastrar ou de superfície	Встраемый продукт или продукт для монтажа на поверхности	Produkt do wbudowania lub na powierzchnię
I fissaggi consentono l'installazione dell'articolo su soffitti da X mm a X mm	As fixações permitem a sua instalação em tectos de X mm a X mm	Зажимы обеспечивают монтаж на потолках толщиной от X мм до X мм	Kotwienia pozwalają na jego zainstalowanie na sufitach wynoszących od X mm do X mm
Trasformatore non incluso	Equipamento nao incluído	Оборудование не включено	Zasilacz nie dołączony
Dispositivo elettronico	Aparelho electrônico	Электронный балласт	Osprzęt elektroniczny
Dispositivo magnetico	Equipamento magnético	Магнитный балласт	Osprzęt magnetyczny
Unità d'imballaggio	Uds. de embalagem	Количество единиц в коробке	Sztuk w pudełku
Consultare pagina XXX	Ver página XXX	См. стр. XXX	Zobacz stronę XXX
Modelli registrati	Modelos registados	Зарегистрированные модели	Modele zastrzeżone
Luce calda	Luz quente	Телый белый свет	Ciepłe światło
Luce naturale	Luz naturale	Światło naturalne	Натуральный белый свет
Luce fredda	Luz fredda	Холодный белый свет	Zimne światło
Luce RGB	Luz RGB	Свет RGB	Światło RGB
Flusso nominale basato su condizioni reali di funzionamento (25ºC<Ts<90ºC). L'uscita del flusso reale dalla lampada dipenderà dalle condizioni ambientali e dall'efficienza ottica della lampada	Fluxo nominal baseado em condições reais de trabalho (25ºC<Ts<90 ºC). A saída de fluxo real da luminária dependerá das condições ambientais e da eficácia ótica da luminária	Номинальный поток на основе фактических условий работы (25ºC<Ts<90ºC). Фактический выход светового потока зависит от условий окружающей среды и оптической эффективности светильника	Znamionowy strumień oparty na rzeczywistych warunkach pracy (25ºC<Ts<90ºC). Wylot rzeczywistego strumienia z oprawy oświetleniowej będzie zależał od warunków środowiskowych i wydajności optycznej oprawy oświetleniowej.

	ESPAÑOL	ENGLISH	FRANÇAIS	DEUTSCH
lm(R)	Flujo real de la luminaria teniendo en cuenta la eficacia óptica de la luminaria y las condiciones reales de trabajo (60ºC <Ts<90ºC)	Real flux of the luminaire taking into account the optical efficiency of the luminaire and the real working conditions (60ºC<Ts<90ºC)	Flux réel du luminaire compte tenu de l'efficacité optique du luminaire et des conditions de fonctionnement réelles (60ºC<Ts<90ºC)	Tatsächlicher Lichtfluss der Leuchte unter Berücksichtigung des optischen Wirkungsgrads der Leuchte und den tatsächlichen Betriebsbedingungen (60ºC<Ts<90ºC)
Dimming 1..10V DALI DMX C L,C	Regulador de intensidad	Dimmer	Régulateur d'intensité	Mit dimmer
0º-Xº	Grados de inclinación	Inclination degress	Degrés d'inclinaison	Neigungsgrad
(S)	Consultar disponibilidad	Check availability	Vérifiez la disponibilité	Bitte nach Verfügbarkeit fragen
η η HIGH	Eficiencia	Efficiency	Efficience	Effizienz
100-240V 50-60Hz	Tensión de entrada	Supply voltage	Tension d'entrée	Eingangsspannung
max. xxxmA	Intensidad de corriente máxima	Maximum current intensity	Intensité de courant maximale	Maximale Stromstärke
XA	Amperios	Amperes	Ampères	Ampere
X VDC	Corriente continua	Direct current	Courant continu	Gleichstrom
X VAC	Corriente alterna	Altern current	Courant alternatif	Altern Strom
	Exterior	Outdoor	Extérieur	Außen
	Interior	Indoor	Intérieur	Innen
X	Años de garantía sujetos a condicionantes de instalación y uso	Years of guarantee subject to correct use and installation	Années de garantie soumises aux conditions d'installation et d'utilisation	Garantiejahren gemäss Ausstattungs- und Gebrauchsbeschränkungen
3	Extensión de garantía de urban 3 años	Warranty extension up to 3 years	Extension de garantie de jusqu'à 3 ans	Verlängerung der Garantie auf bis 3 Jahre
5	Extensión de garantía de urban 5 años	Warranty extension up to 5 years	Extension de garantie de jusqu'à 5 ans	Verlängerung der Garantie auf bis 5 Jahre
10	Años de garantía del motor, sujetos a condicionantes de instalación y uso	Years guarantee for the motor, subject to conditions of use and installation	Années de garantie du moteur soumises aux conditions d'installation et d'utilisation	Jahre Garantie auf den Motor bei sachgemäßer Installation und Nutzung
>30.000 h	Vida útil	Lamp life	Durée de vie utile	Nutzungsdauer
100.000 h	Vida del LED	LED lifetime	Durée de vie de la LED	Lebensdauer der LED
	Interruptor de encendido	On•off switch	Interrupteur simple allumage	Schalter
2x	Doble interruptor de encendido	Double on•off switch	Interrupteur double allumage	Doppel Schalter
	Interruptor de encendido en el cable	Cable on•off switch	Interrupteur d'allumage sur le câble	Schalter am Kabel
	Interruptor de cuerda	Pull cord switch	Interrupteur a ficelle	Strickschalter
	Regulador de intensidad	Dimmer	Régulateur d'intensité	Mit dimmer
	Apto para posición vertical y horizontal	Suitable for vertical and horizontal mounting	Installation en position verticale et horizontale	Schenkreckt und waagrecht geeignet
USB	Conexión USB integrada	USB port	Connexion usb integrée	Integriertes USB Verbindung

ITALIANO	PORTUGUÊS	РУССКИЙ ЯЗЫК	POLSKI
Flusso reale della lampada tenendo in considerazione l'efficienza ottica della lampada e le condizioni reali di funzionamento (60ºC<Ts<90ºC)	Fluxo real da luminária tendo em conta a eficácia ótica da luminária e as condições reais de trabalho (60ºC<Ts<90ºC)	Фактический выход светового потока с учетом оптической эффективности светильника и фактических условий работы (60ºC<Ts<90ºC)	Rzeczywisty strumień z oprawy oświetleniowej biorąc pod uwagę wydajność optyczną oprawy oświetleniowej i rzeczywiste warunki pracy (60ºC<Ts<90ºC)
Regolatore d'intensità	Com regulador de intensidade	Регулятор яркости	Ściemniacz
Gradi di inclinazione	Graus de inclinação	Угол регулировки	Stopnie uchyłu
Verificare la disponibilità	Consultar disponibilidade	Проверить наличие	Dostępność
Efficienza	Eficiência	Эффективность	Skuteczność
Tensione d'entrata	Tensão de entrada	Напряжение на входе	Napięcie zasilania
Intensità di corrente massima	Intensidade de corrente máxima	Максимальный ток	Maksymalne natężenie prądu
Ampere	Amperes	Амперы	Amperów
Corrente continua	Corrente contínua	Постоянный ток	Prąd stały
Corrente alternata	Corrente alternada	Переменный ток	Prąd przemienny
Esterno	Exterior	Для внешнего освещения	Zewnętrzny
Interno	Interior	Для внутреннего освещения	Wewnętrzny
La garanzia è subordinata alla corretta installazione ed al corretto uso	Anos de garantia sujeitos a condicionantes de instalação e utilização	Лет гарантии при условии правильного монтажа и эксплуатации	Lat gwarancji pod warunkami poprawnej instalacji i użytkowania
Prolungamento della garanzia fino a 3 anni	Extensão de garantia até 3 anos	Продление гарантии до 3 лет	Przedłużenie gwarancji do 3 lat
Prolungamento della garanzia fino a 5 anni	Extensão de garantia até 5 anos	Продление гарантии до 5 лет	Przedłużenie gwarancji do 5 lat
Anni di garanzia del motore, soggetta a condizioni di installazione ed utilizzo	Anos de garantia do motor, sujeitos a condicionantes de instalação e uso	год(лет) гарантии на мотор в зависимости от условий содержания и использования	lat gwarancji na silnik, przy właściwych warunkach użytkowania i instalacji
Vita utile	Vida útil	Срок службы	Okres eksploatacji
Vita del LED	Vida do LED	Срок службы светодиода	Okres eksploatacji LED
Interruttore di accensione	Interruptor on•off	Клавишный выключатель	Włącznik
Doppio interruttore di accensione	Duplo interruptor on•off	Два клавишных выключателя	Włącznik podwójny
Interruttore d'accensione nel cavo	Cabo com interruptor on-off	Выключатель на проводе	Wyłącznik w przewodzie
Interruttore di corda	Interruptor de cordão	Веревочный выключатель	Włącznik sznurowy
Con regolatore d'intensità	Com regulador de intensidade	Регулятор яркости	Ciemniacz
Adatto in verticale ed in orizzontale	Apto para posição vertical e horizontal	Вертикально-•горизонтальное расположение	Montaż poziomy i pionowy
Connessione usb integrata	Ligação usb integrada	Встроенный USB	Zintegrowane złącze USB

	ESPAÑOL	ENGLISH	FRANÇAIS	DEUTSCH
	Orientable	Adjustable	Orientable	Verstellbar
	No orientable	Non adjustable	Non orientable	Nicht verstellbar
	Espejo de aumento x3	Magnifying mirror x3	Miroir grossissant x3	3-fach Vergrösserungsspiegel
	Dirección del halo de luz	Halo light direction	Direction du faisceau lumineux	Halo Lichtrichtung
	Mando a distancia	Remote control	Télécommande	Fernbedienung
	Mando a distancia no incluido	Remote control not included	Télécommande non compris	Fernbedienung nicht inklusive
	Controlador con mando a distancia	Controller with remote control	Contrôleur avec télécommande	Controller mit Fernbedienung
	Mando a distancia por radiofrecuencia	Remote control	Commande à distance par radiofréquence	Hochfrequenz-Fernbedienung
	Toma de corriente	Socket	Prise de courant	Stromanschluss
	3 Velocidades	3 Speeds	3 Vitesses	3 Geschwindigkeiten
	Revoluciones por minuto	Revolutions per minute	Révolutions par minute	Umdrehungen pro Minute
	Silencioso	Quiet	Silencieux	Ruhig
	Función inversa	Reverse function	Fonction inverse	Winter-und Sommerbetrieb
	Palas reversibles	Reversible blades	Lames réversibles	Zweifarbige umkehrbare Flügel
	Barras	Downrods	Barres	Stangen
	Ahorro	Savings	Économies	Einsparung
	Ahorro energético del X%	Up to X% energy saving	Économie d'énergie de X %	Energieersparnis von X %
	Fotometría	Photometric Data	Données photométriques	Fotometrie
	Equivalente a	Brighter as	Eclaire comme	Heller wie
	Metros cuadrados iluminados con una unidad del producto	Square meters illuminated by each product unit	Mètres carrés éclairés avec une unité du produit	Mit einer Mengeneinheit beleuchtete Quadratmeter
	Ángulo de detacción	Detection angle	Angle de détection	Ortungswinkel
	Distancia de detección	Detection distance	Distance de détection	Ortungsabstand
	Permite regular el tiempo de encendido	Allows you to regulate the time for the “on” switch	Permet de régler la durée d'allumage	Regulierung der Einschaltzeit möglich
	Permite regular la sensibilidad del sensor	Allows you to regulate the senor sensitivity	Permet de régler la sensibilité du capteur	Regulierung der Sensorempfindli-chkeit möglich
	Duración máxima de encendido continuado	Maximum duration of continual usage	Durée maximale d'allumage continu	Maximale durchgängige Einschaltzeit
	Tiempo necesario para una carga completa de la batería	Time necessary to fully charge the battery	Délai nécessaire pour une charge complète de la batterie	Akkuladedauer

ITALIANO	PORTUGUÊS	РУССКИЙ ЯЗЫК	POLSKI
Orientabile	Ajustável	Регулируемый	Regulowane
Non orientabile	Não orientável	Нерегулируемый	Nieregulowane
Lente d'ingrandimento x3	Espelho de aumento x3	Зеркало с увеличением x3	Lustro powiększające x3
Direzzione del fascio	Direcção do feixe de luz	Направление света	Kierunek łuny światła
Telecomando	Comando à distância	Пульт управления	Pilot zdalnego sterowania
Telecomando non incluso	Comando à distância nao incluído	Пульт управления не включен	Pilot zdalnego sterowania nie dołączony
Regolatore con telecomando	Controlador com comando à distância	Контроллер с дистанционным управлением	Nastawnik z pilotem zdalnego sterowania
Telecomando a radiofrequenza	Comando à distância por radiofrequência	Пульт дистанционного радиоуправления	Pilot zdalnego sterowania częstotliwością radiową
Presa di corrente	Tomada de corrente	С выходом для проводного подключения	Gniazdo
3 velocità	3 velocidades	3 скорости	3 prędkości
Evoluzioni al minuto	Rotações por minuto	Вращений в минуту	Obroty na minutę
Silenzioso	Silencioso	Бесшумно	Cichy
Funzione inversa	Função inversa	функция обратного движения	Funkcja odwrotna
Lame reversibili	Lâminas revogáveis	Двухсторонние сменные лопасти	Obracalne śmigła
Barre	Barras	балка	poprzeczki
Risparmio	Poupança	сбережение	Oszczędności
Risparmio energetico del X%	Poupança energètica de X%	Экономия электроэнергии в %	Oszczędność energetyczna wynosząca X%
Fotometria	Fotometria	Фотометрия	Fotometria
Pari a	Equivalente a	Равняется	Odpowiada
Metri quadrati illuminati con un'unità del prodotto	Metros quadrados iluminados com uma unidade do produto	Площадь, освещаемая одним прибором (м кв.)	Metrów kwadratowych oświetlonych jedną jednostką produktu
Angolo di rilevamento	Ângulo de deteção	Угол обнаружения	Kąt wykrywania
Distanza di rilevamento	Distância de deteção	Дистанция обнаружения	Odległość wykrywania
Consente di regolare il tempo di accensione	Permite regular o tempo de acendimento	Позволяет регулировать продолжительность свечения	Pozwala na regulowanie czasu palenia się
Consente di regolare la sensibilità del sensore	Permite regular a sensibilidade do sensor	Позволяет регулировать чувствительность датчика	Pozwala na regulowanie czułości czujnika
Durata massima di accensione continuata	Duração máxima de acendimento contínuo	Максимальная продолжительность непрерывного свечения	Maksymalny czas ciągłego palenia się
Tempo necessario per una ricarica completa della batteria	Tempo necessário para a carga completa da bateria	Время, необходимое для полного заряда батареи	Czas potrzebny do pełnego naładowania baterii

	ESPAÑOL	ENGLISH	FRANÇAIS	DEUTSCH
	Pilas incluidas	Batteries included	Piles fournies	Batterien inklusive
	Ángulo de la ópticas	Lents angle	Angle des lentilles	Ausstrahlwinkel der Linsen
	Canales	Channels	Canales	Kanäle
	xx cambios de color	xx changing colorus	xx changements de couleur	xx Farben
	Nº de metros máx. de conexión en serie	Max. no. of metres in serial connection	Longueur max. (en mètres) de raccordement en série	Max. Länge in Metern bei Reihenanschluss
	Posibilidad de cortar cada x leds	Option to cut every x leds	Mètres de connexion continue	Möglichkeit zu schneiden je x LED
	x metros de cable	x meters of cable	x mètre de câble	x Meter langes Kabel
	Cabezales con rotación de XX°	X° rotatable end caps	Têtes à rotation de X°	Köpfe mit XGrad-Drehung
	Reflector direccional	Directional reflector	Réflecteur directionnel	Eibaustrahler
	Excelente disipación del calor	Excellent heat conduction	Excellente dissipation de la chaleur	Ausgezeichnete Wärmedissipation
	Disipación activa	Active dissipation	Dissipateur de chaleur intégré	Aktive Wärmeableitung
	Panal de abeja	Honeycomb	Rayon de miel	Honigwabe
	Filtro	Filter	Filtre	Filter
	Aletas antideslumbrantes	Anti-glare directional flaps	Ailettes anti-éblouissement	Blendschutzflügel
	Grosor del cromo	Chrome thickness	Épaisseur du chrome	Chromdicke
	Rango de temperatura de trabajo	Range of operating temperature	Plage de température de travail	Bereich der Betriebstemperatur
	Caja para empotrar incluida	Recessed box included	Bôite à encastrer incluse	Einbaubox inklusive
	Doble salida de cable	Double cable output	Double sortie de câble	Zwei Kabelausgänge
	Empotrable para zona peatonal	Downlight for pedestrian crossing	Encastré pour zone pietonnière	Einbauleuchte für Fussgängerübergang
	ATENCIÓN - Esta luminaria puede soportar una carga estática limitada. ES APTA para zonas donde eventualmente circulan vehículos a baja velocidad. NO ES APTA para zonas de paso habitual de vehículos	ATTENTION - This light fixture can withstand a limited static load. SUITABLE for areas with low-speed vehicles. NON SUITABLE for high traffic areas	ATTENTION - Ce luminaire peut supporter une charge statique limitée. IL EST ADAPTÉ aux zones de circulation occasionnelle de véhicules à basse vitesse. IL N'EST PAS ADAPTÉ aux zones de circulation habituelle de véhicules	ACHTUNG - Diese Leuchte kann eine statische Belastung halten. Die Leuchte ist GEEIGNET für eventuell Kriechverkehr-Bereiche. Die Leuchte ist NICHT GEEIGNET für Fahrzeug-Verkehrsbereiche
	Drenaje	Drainage	Drainage	Dränage
	Estaca de plástico incluida	Plastic spike included	Piquet en plastique inclus	Erdspiess inklusive
	Accesorio reflector incluido	Reflector accessory included	Accessoire reflecteur compris	Zubehör, Reflektor inklusive
	Guía de instalación	Installation guide	Guide d'installation	Einbauanleitung
	Mantenimiento sin herramientas	Maintenance without tools	Entretien sans outils	Instandhaltung ohne Werkzeuge
	Cristal de recambio de cortesía	Courtesy spare glass included	Verre rechange comprís	Zusätzliche Ersatzteile aus Glas zum Auswechsein
	Temperatura en la superficie menor de 40ºC	Temperature on the surface under 40ºC	Température de surface inférieure à 40ºC	Oberflächentemperatur unter 40ºC

ITALIANO	PORTUGUÊS	РУССКИЙ ЯЗЫК	POLSKI
Pile incluse	Pilhas incluidas	Батарейки в комплекте	Łącznie z bateriami
Angolo delle lenti	Ângulo das lentes	Угол отражения оптической части	Kąt układu optycznego
Canali	Canais	Каналы	Kanałów
xx cambiamenti di colori	xx mudaça de cor	xx вариантов цвета	xx zmiennych kolorów
Nº massimo di metri di connessione in serie	Nº de metros máximo de ligação em série	Максимальное кол-во метров для подключения в серии	Maksymalna długość w m przy połączeniu szeregowym
Possibilità di tagliari ogni x led	Nº de metros máximo de ligação em série	Воможность среза через каждые x светодиодов	Możliwość cięcia co x LEDów
x metri di cavo	x metros de cabo	x метров провода	x metrów przewodu
Testine con rotazione di X°	Cabeças com rotação de X°	Шарниры с углом поворота в X°	Głowice o obrocie wynoszącym X°
Riflettore direzionale	Reflector direccional	Рефлектор направленности света	Reflektor regulowany
Eccellente dissipazione del calore	Excelente dissipação do calor	Отличное рассеивание света	Doskonałe rozpraszanie ciepła
Dissipazione attiva	Dissipação activa	Система охлаждения	Aktywne odprowadzanie ciepła
Struttura a nido di vespe	Estrutura tipo “favo de mel”	Płyta o strukturze plastra miodu	Соты
Filtro	Filtro	Filtr	Фильтр
Alette rompiflusso	Alhetas anti-encandeamento	Klapy przeciwolśnieniowe	Противослепящие заслонки
Spessore del cromo	Espessura do cromado	Толщина хромирования	Grubość chromu
Livello di temperatura di esercizio	Intervalo de temperatura de funcionamento	Разброс рабочей температуры	Zakres temperatury pracy
Involucro per l’incasso incluso	Caixa para embutir incluída	Корпус-коробка из технополимера для встраивания прилагается	Корпус-коробка прилагается
Cavo a doppia uscita	Dupla saída de cabos	Двойной выход для кабеля	Podwójne gniazdo kabla
Carrabile per zona pedonale	Embutido para zona de pedestres	Локальный светильник для пешеходного перехода	Downlight na przejścia dla pieszych
ATTENZIONE - Questa lampada en grado di sopportare un carico statico limitato. È VALIDO in zone stradale con traffico a bassa velocità. NON È VALIDO per zone stradali con traffico a velocita media	ATENÇÃO - Esta luminária pode suportar uma carga estática limitada. É ADEQUADA para zonas onde, eventualmente, circulem veículos a baixa velocidade. INADEQUADA para zonas de passagem habitual de veículos	ВНИМАНИЕ - Данный светильник выдерживает статическую ограниченное статическое напряжение. ПРИГОДЕН на участках периодического передвижения транспорта на низкой скорости. НЕ ПРИГОДЕН на участках постоянного движения транспортного потока	UWAGA – Ta oprawa może wytrzymać ograniczone natężenie statyczne. Właściwa dla mało uczęszczanych miejsc. Niewłaściwa dla miejsc o wysokim ruchu kołowym
Drenaggio	Drenagem	Дренаж	Drenaż
Palo in plastica incluso	Vara de plástico incluída	Пластиковый шип прилагается	Plastikowy szpikulec w komplecie
Accesori riflettore incluso	Accessório reflctor incluído	Прилагается отражающий аксессуар	Części reflektorowe w komplecie
Guida di installazione	Guia de instalação	Пособие по установке	Instrukcja instalacji
Manutenzione senza attrezzi	Manutenção sem ferramentas	Техническое обслуживание без инструментов	Obsługa beznarzędziowa
Vetro di ricambio omaggio	Vidro de reposto incluído	Бесплатно прилагается запасное стекло	Zapasowe szkło w komplecie
Temperatura alla superficie minore di 40 °C	Temperatura na superfície inferior a 40ºC	Температура поверхности менее 40ºC	Temperatura powierzchni poniżej 40 ºC

	ESPAÑOL	ENGLISH	FRANÇAIS	DEUTSCH
40-80ºC	Temperatura en la superficie entre 40 y 80ºC	Temperature on the surface between 40 and 80ºC	Température de surface comprise entre 40 et 80ºC	Oberflächentemperatur zwischen 40 und 80ºC
>80ºC	Temperatura en la superficie superior a 80ºC	Temperature on the surface over 80ºC	Température de surface supérieure à 80ºC	Oberflächentemperatur über 80ºC
<70ºC	Temperatura máxima en la superficie de la luminaria	Highest temperature on the surface	Température maximale à la superficie du luminaire	Leuchtenoberfläche max. Temperatur
DIFFUSER FILTER	Filtro Difusor	Difuser Filter	Filtre diffuseur	Filter Diffusor
FILTER 3000K	Filtro 3000K	3000K Filter	Filtre 3000ºK	Filter 3.000º Kelvin
ASYMMETRICAL	Fotometría asimétrica	Asymmetrical photometry	Photométrie asymétrique	Asymmetrische Fotometrie
SYMMETRICAL	Fotometría simétrica	Symmetrical photometry	Photométrie symétrique	Symmetrische Fotometrie
	Cumplimiento con las normativas vigentes anticontaminación lumínica	According to regulations in force about luminic pollution	Conforme à la réglementation en vigueur contre la pollution lumineuse	Erfüllung der geltenden Vorschriften über Grenzwerte der Lichtverschmutzung
CUT-OFF	Protección térmica	Thermal cut-off	Protection thermique.	Thermischer Schutz
IP 64	Luminaria	Luminaire	Luminaire	Leuchte
IP 66	Bloque óptico	Optical Assembly	Bloc optique	Optikgehäuse
2N	2N = Luminaria con doble nivel de potencia por línea de mando. Incluye conmutador instalado en el interior de la luminaria para permitir un 40% de reducción del consumo. Requiere una señal adicional (por cable) desde el cuadro de conexionado general hasta la luminaria para activar o desactivar la reducción	2N=Luminaire with a double power level per line of command. It includes a switch installed inside the luminaire to allow a 40% reduction in consumption. It requires an additional signal (by cable) from the general junction box to the luminaire in order to activate or deactivate the reduction	2N (bi-puissance) = luminaire à double niveau de puissance par ligne de commande. Comprend un commutateur installé à l'intérieur du luminaire pour pemettre une réduction de consommation de 40 %. Exige un signal supplémentaire (par câble) depuis le boîtier de raccordement général jusqu'au luminaire pour activer ou désactiver la réduction	2N = Leuchte mit doppeltem Leistungsniveau pro Befehlszeile. Einschließlich Schalter im Inneren der Leuchte zur Senkung des Verbrauchs um 40 %. Benötigt ein zusätzliches Signal (per Kabel von der allgemeinen Schalttafel an die Leuchte), um den Stromverbrauch herunterzufahren
2N TEMP	2N TEMP = Luminaria con doble nivel de potencia temporizado. No requiere ningún cable adicional desde el cuadro de conexionado general. La luminaria ya incluye un conmutador temporizado para permitir una reducción del 40% del consumo durante unas horas.	2N TEMP = Luminaire with a double timed power level. It does not require an additional cable from the general junction box. The luminaire already includes a timer switch to allow a 40% reduction in consumption for several hours.	2N (bi-puissance) = luminaire à double niveau de puissance temporisé. N'exige aucun câble supplémentaire depuis le boîtier de raccordement général. Le luminaire est déjà muni d'un commutateur temporisé pour permettre de réduire la consommation de 40 % pendant quelques heures.	2N TEMP = Leuchte mit mit doppeltem Leistungsniveau per Zeitschaltung. Keine zusätzliches Verkabelung notwendig. Die Leuchte enthält einen Zeitschalter, um während bestimmter Perioden den Verbrauch um 40 % zu reduzieren.
Øxx mm	Permite instalación LATERAL de ØXmm	LATERAL installation for ØXmm	Permet une installation LATÉRALE de ØX mm	Geeignet zur SEITLICHEN Installation mit Ø X mm
Øxx mm	Permite instalación TOP de ØXmm	TOP installation for ØXmm	Permet une installation SUPÉRIEURE de ØX mm	Geeignet zur Installation OBEN mit Ø X mm
	Luminaria certificada por el Instituto de Astrofísica de Canarias	Luminaire certified by the Institute of Astrophysics of Canary Islands	Luminaire certifié par l'Institut d'astrophysique des Îles Canaries	Leuchte vom Instituto de Astrofísica de Canárias zertifiziert
ULOR	Flujo Hemisferio Superior (FHS)	Upper hemisferic luminous flux (light pollution percentage)	Flux lumineux vers l'hémisphère supérieur (FHS)	Upper hemisferic luminous flux (Lichtverschmutzung)
HPS	Vapor de sodio a alta presión (VSAP)	High pressure sodium	Vapeur de sodium à haute pression (SHP)	Hochdruck-Natriumdamp
MH	Halogenuros metálicos (HM)	Metal halide	Iodures métalliques (IM)	Metallhalogenid
	Columna	Column	Mât	Mast
	Pernos	Bolts	Boulons	Bolzen
	Plantilla	Plate	Gabarit	Schablone
	Cruz simple	Single bracket	Croix simple	Einfaches Kreuz
	Cruz doble	Double bracket	Croix double	Doppelkreuz

ITALIANO	PORTUGUÊS	РУССКИЙ ЯЗЫК	POLSKI
Temperatura alla superficie tra 40 e 80 °C	Temperatura na superfície entre 40 e 80ºC	Температура поверхности между 40 и 80ºC	Temperatura powierzchni pomiędzy 40 a 80 ºC
Temperatura alla superficie superiore di 80 °C	Temperatura na superfície superior a 80ºC	Температура поверхности выше 80ºC	Temperatura powierzchni powyżej 80 ºC
Temperatura massima alla superficie dell'apparecchio	Temperatura máxima da superfície da luminaria	Максимальная температура поверхности осветительного прибора	Najwyższa temperatura powierzchni
Filtro Diffusore	Filtro Difusor	Фильтр Диффузор	Filtr Rozpraszający
Filtro 3.000K	Filtro 3.000K	Фильтр 3.000K	Filtr 3000K
Fotometria asimmetrica	Fotometria assimétrica	Асимметричная фотометрия	Fotometria asymetryczna
Fotometria simmetrica	Fotometria simétrica	Fotometria symetryczna	Fotometria symetryczna
In linea con le normative vigenti anti-inquinamento luminoso	Cumprimento da legislação em vigor sobre medidas contra a poluição luminosa	Соответствует действующим нормам по борьбе со световым загрязнением	W zgodzie z przepisami dotyczącymi zanieczyszczenia światłem
Protezione termica	Proteção térmica	Тепловая защита	Zabezpieczenie termiczne
Luce	Luminária	Светильник	Oprawa oświetleniowa
Blocco ottico	Bloco ótico	Оптический блок	Blok optyczny
2N = Luce con doppio livello di potenza per linea di comando. Include commutatore installato all'interno della lampada per consentire un 40% di riduzione del consumo. Necessita di un segnale aggiuntivo (via cavo) dal quadro di connessione generale alla luce per attivare o disattivare la riduzione	2N = Luminária com duplo nível de potência por linha de comando. Inclui comutador instalado no interior da luminária para permitir 40% de redução do consumo. Requer um sinal adicional (por cabo) a partir do quadro de ligação geral até à luminária para ativar ou desativar a redução	2N = Светильник с двумя уровнями мощности на контрольную линию. В комплект входит переключатель, смонтированный внутри светильника, чтобы обеспечить 40% сокращения потребления. Требует дополнительного сигнала (кабель) от коробки подключения к светильнику, чтобы включить или отключить сокращение потребления	2N = Oprawa oświetleniowa z podwójnym poziomem mocy za pomocą linii sterowniczej. Zawiera przełącznik zainstalowany wewnątrz oprawy oświetleniowej pozwalający na 40% obniżenie poboru. Wymaga dodatkowego sygnału (przewodem) od tablicy podłączenia ogólnego do oprawy oświetleniowej w celu aktywowania i deaktywowania tej obniżki
2N TEMP = Luce con doppio livello di potenza con timer. Non necessita di nessun cavo aggiuntivo dal quadro di connessione generale. La luce include già un commutatore con timer per consentire una riduzione del 40% del consumo per ora.	2N TEMP = Luminária com duplo nível de potência temporizado. Não requer nenhum cabo adicional a partir do quadro de ligação geral. A luminária já inclui um comutador temporizado para permitir uma redução de 40% do consumo durante algumas horas.	2N TEMP = Светильник с двумя уровнями мощности с таймером. Не требует проводки дополнительного кабеля от коробки подключения. Светильник имеет переключатель с таймером, который позволяет уменьшить потребление на 40% в течение нескольких часов.	2N TEMP = Oprawa oświetleniowa z podwójnym poziomem mocy dawkującym czas. Nie wymaga żadnego dodatkowego przewodu od tablicy podłączenia ogólnego. Oprawa oświetleniowa już zawiera przełącznik dawkujący czas pozwalający na 40% obniżenie poboru przez kilka godzin.
Consente installazione LATERALE di ØXmm	Permite instalação LATERAL com Ø de X mm	Позволяет БОКОВУЮ установку ØX мм	Umożliwia montaż poziomy
Consente installazione SUPERIORE di ØXmm	Permite instalação TOP com Ø de X mm	Позволяет ВЕРХНЮЮ установку ØX мм	Umożliwia montaż poziomy
Luce certificata dall'Istituto di Astrofisica delle Canarie	Luminária certificada pelo Instituto de Astrofísica de Canárias	Светильники, сертифицированные Институтом астрофизики Канарских островов	Oprawa certyfikowana przez instytut astrofizyki wysp kanaryjskich
Flusso emisfero superiore	Fluxo luminoso emitido acima do plano horizontal (FHS)	Световой поток верхнего полушария	Strumień półprzestrzenny górny (SPG)
Sodio ad alta pressione	Vapor de sódio de alta pressão (VSAP)	Натриевая газоразрядная лампа (VSAP)	Wysokociśnieniowy sód (WCS)
Alogenuri metallici (AM)	Halogenetos metálicos (HM)	Металлогалогенные лампы (МГЛ)	Halogenki metali (HM)
Colonna	Coluna	Колонка	Słup
Bulloni	Parafusos	Болты	Śruby
Placca	Placa	Панель	Szablon
Piastrina semplice	Cruz simples	Одноместный кронштейн	Krzyżak
Piastrina doppia	Cruz dupla	Двухместный кронштейн	Krzyżak

	ESPAÑOL	ENGLISH	FRANÇAIS	DEUTSCH
	Llave	Key	Clé	Schlüssel
	Kit solar	Solar kit	Kit solaire	Solar-kit
Bit	Bit	Bit	Bit	Bit
CE	CE	CE	CE	CE
IN	Interior	Indoor	Intérieur	Interno
	Interactivo	Interactive	Interactif	Interattivo
n° Led	Nº leds / punto	No. LEDs / point	Nbr de LED / point lumineux	Nº leds / punto
OUT	Exterior	Outdoor	Extérieur	Esterno
Leds/m²	Nº Leds / m²	No. of LEDs / m²	Nbr de LED / m²	Nº di Leds / m²
DIP RGB	Composición pixel	Pixel composition	Composition du pixel	Composizione pixel
mm	Distancia entre pixeles	Distance between pixels (in mm)	Distance entre pixels en mm	Distanza tra pixel mm
SMD 3 in 1	Composición pixel	Pixel composition	Composition du pixel	Composizione pixel
W	Potencia consumo máxima / m²	Maximum input power / m²	Puissance de consommation maximale / m²	Potenza consumo massima / m²
M	Distancia de visión recomendada	Recommended viewing distance	Distance de vision conseillée	Distanza di visione consigliata
horizontal	Ángulo de visión horizontal	Horizontal viewing angle	Angle de vue horizontal	Angolo di visione orizzontale
vertical	Ángulo de visión vertical	Vertical viewing angle	Angle de vue vertical	Angolo di visione verticale
Kg 50 nodes	Peso / 50 puntos led	Weight / 50 LED points	Poids / 50 points LED	Peso / 50 punti led
Kg	Peso	Weight	Poids	Peso
Kg/m²	Peso estático máximo	Maximum static weight	Poids statique maximum	Peso statico massimo
Front IPXX	IP frontal	Front IP	IP frontal	IP anteriore
Back IPXX	IP posterior	Back IP	IP postérieur	IP Posteriore
Color	Brillo	Brightness	Brillant	Lucentezza
GREY SCALE	Escala de grises	Grey scale	Niveaux de gris	Scala di grigi
Mhz	Megahercios de la pantalla	Screen megahertz	Mégahertz de l'abat-jour	Megahertz dello schermo
24 Bit	Colores	Colours	Couleurs	Colori
C°	Temperatura de trabajo	Working temperature	Température de fonctionnement	Temperatura di funzionamento
	Humedad de trabajo	Working humidity	Humidité de fonctionnement	Umidità di funzionamento
LIFE	Horas de vida	Life (in hours)	Durée de vie en heures	Ore di vita
VAC VDC	Alimentación	Power supply	Alimentation	Alimentazione
Hz	Frecuencia alimentación	Supply frequency	Fréquence d'alimentation	Frequenza alimentazione

ITALIANO	PORTUGUÊS	РУССКИЙ ЯЗЫК	POLSKI
Chiave	Chave	Ключ	Klucz
Kit solare	Kit solar	комплект солнечных элементов	Zestaw solar
Bit	Bit	Bit	Bit
CE	CE	CE	CE
Interno	Interior	Для внутреннего освещения	Wewnętrzny
Interattivo	Interativo	интерактивный	podłoga interaktywna
Nº leds / punto	Nº de leds/ponto	Количество светодиодов на пиксель	Ilość LED/punkt
Esterno	Exterior	Для внешнего освещения	Zewnętrzny
Nº di Leds / m2	Nº de Leds / m^2	Количество светодиодов на м2	Liczba diod LED na m2
Composizione pixel	Composição do pixel	Состав пикселя	Skład pikseli
Distanza tra pixel mm	Distância entre pixels mm	Расстояние между пикселями, мм	Odległość pomiędzy pikselami (w mm)
Composizione pixel	Composição do pixel	Состав пикселя	Skład pikseli
Potenza consumo massima / m2	Potência de consumo máxima / m^2	Максимальная потребительская мощность / м2	Maksymalna moc wejściowa na m2
Distanza di visione consigliata	Distância de visão recomendada	Рекомендуемое расстояние зрительного восприятия	Rekomendowana odległość oglądania
Angolo di visione orizzontale	Ângulo de visão horizontal	Горизонтальный угол изображения	Kąt patrzenia poziomy
Angolo di visione verticale	Ângulo de visão vertical	Вертикальный угол изображения	Kąt patrzenia pionowy
Peso / 50 punti led	Peso/50 pontos de LED	Вес	Waga na 50 punktów LED
Peso	Peso	Максимальный статический вес	Waga
Peso statico massimo	Peso estático máximo	Вес 50 светодиодов	Maksymalna waga statyczna
IP anteriore	IP frontal	IP спереди	Przednie IP
IP Posteriore	IP posterior	IP сзади	Tylne IP
Lucentezza	Brilho	Яркость	Jasność
Scala dei grigi	Escala de cinza	Шкала серого	Skala szarości
Megahertz dello schermo	Megahertz da tela	Мегагерцы экрана	Częstotliwość odświerzania ekranu
Colori	Cores	Цвета	Kolory
Temperatura di funzionamento	Temperatura de trabalho	Рабочая температура	Temperatura pracy
Umidità di funzionamento	Umidade de trabalho	Рабоча влажность	Wilgotność pracy
Ore di vita	Horas de vida	Срок службы в часах	Żywotność (w godzinach)
Alimentazione	Alimentação	Питание	Zasilanie
Frequenza alimentazione	Frequência de alimentação	Частота питания	Częstotliwość wejściow

	ESPAÑOL	ENGLISH	FRANÇAIS	DEUTSCH
ABS	PLÁSTICO ABS	ABS PLASTIC	PLASTIQUE ABS	SPRITZKUNSTSTOFF ABS
ACR	ACRÍLICO	ACRYLIC	ACRYLIQUE	ACRYL
AL	ALUMINIO	ALUMINIUM	ALUMINIUM	ALUMINIUM
AL ANOD	ALUMINIO ANODIZADO	ANODIZED ALUMINIUM	ALUMINIUM ANODISÉ	ELOXIERTES ALUMINIUM
AL EXTR	ALUMINIO EXTRUSIONADO	EXTRUDED ALUMINIUM	EXTRUDÉ D'ALUMINIUM	EXTRUDIERTES ALUMINIUM
AL INJ	ALUMINIO INYECTADO	INJECTED ALUMINIUM	ALUMINIUM INJECTÉ	SPRITZALUMINIUM
AL PUR	ALUMINIO DE ALTA PUREZA	HIGH PURITY ALUMINUM	ALUMINIUM HAUTE PURETÉ	ALUMINIUM MIT HOHEM REINHEITSGRAD
BR	LATÓN PULIDO	POLISH BRASS	LAITON POLI	MESSING POLIERT
COT	ALGODÓN	COTTON	COTON	BAUMWOLLE
FRO	MATIZADO	MATTE	MAT	MATTIERT
GLA	CRISTAL	GLASS	VERRE	GLAS
GLA BIS/ SAT	CRISTAL BISELADO Y SATINADO	BEVELED AND SATIN GLASS	VERRE BISEAUTÉ ET SATINÉ	GESCHLIFFENER UND SANTINIERTER GLAS
GLA BEV	CRISTAL BISELADO	BEVELED GLASS	VERRE BISEAUTÉ	GESCHLIFFENER GLAS
GLA BU	CRISTAL BURBUJA	BUBBLED GLASS	VERRE À BULLES	BLÄSCHEN IM GLAS
GLA DEC	CRISTAL DECORADO	DECORATED GLASS	VERRE DÉCORÉ	DEKORIERTES GLAS
GLA FRO	CRISTAL GLASEADO	FROSTED GLASS	VERRE GIVRÉ	SATINIERTES GLAS
GLA HARD	CRISTAL TEMPLADO	HARDENED GLASS	VERRE TREMPÉ	GEHÄRTETES DURCHSICHTIGES GLAS
GLA SAT	CRISTAL SATINADO	SATIN GLASS	VERRE SATINÉ	GLAS SATINIERT
GLA MAGN	CRISTAL LUPA	MAGNIFYNG GLASS	VERRE DE LOUPE	LUPENGLAS
GLA MAT	CRISTAL MATE	MATT GLASS	VERRE MAT	MATTER GLAS
GLA OPAL	CRISTAL OPAL	OPAL GLASS	VERRE OPAL	OPTISCHES GLAS
GLA RUST	CRISTAL RÚSTICO	RUSTIC GLASS	VERRE RUSTIQUE	RUSTIKALER MIT BLÄSCHEN IM GLAS
GLA TRAN	CRISTAL TRANSPARENTE	TRANSPARENT GLASS	VERRE TRANSPARENT	TRANSPARENTER GLAS
GLA EXTRA WHITE	CRISTAL EXTRA BLANCO	EXTRA WHITE GLASS	VERRE EXTRA BLANC	GLAS EXTRA WEISS
HD PE	POLIETILENO DE ALTA DENSIDAD	HIGH DENSITY POLYTHYLENE	POLYÉTHYLÈNE HAUTE DENSITÉ	HOCHDICHTER POLYETHEN
INOX AISI 202	ACERO INOXIDABLE AISI 202	STAINLESS STEEL AISI 202	ACIER INOXYDABLE AISI 202	ROSTFREIER STAHL AISI 202
INOX AISI 304	ACERO INOXIDABLE AISI 304	STAINLESS STEEL AISI 304	ACIER INOXYDABLE AISI 304	ROSTFREIER STAHL AISI 304

ITALIANO	PORTUGUÊS	РУССКИЙ ЯЗЫК	POLSKI
PLASTICA ABS	PLÁSTICO ABS	ABS ПЛАСТИК	PLASTIK ABS
ACRILICO	ACRILICO	АКРИЛОВЫЙ	AKRYLOWY
ALLUMINIO	ALUMINIO	АЛЮМИНИЙ	ALUMINIUM
ALLUMINIO ANODIZZATO	ALUMINIO ANODIZADO	АНОДИРОВАННЫЙ АЛЮМИНИЙ	ALUMINIUM ANODOWANE
ESTRUSO DI ALUMINIO	ALUMÍNIO EXTRUDIDO	ПРЕССОВАННЫЙ АЛЮМИНИЙ	WYCISKANE ALUMINIUM
ALLUMINIO PRESSOFUSO	ALUMÍNIO INJECTADO	ИНЖЕКТИРОВАННЫЙ АЛЮМИНИЙ	WTRYSKIWANE ALUMINIUM
ALLUMINIO DI ALTA PUREZZA	ALUMÍNIO DE ELEVADA PUREZA	АЛЮМИНИЙ ВЫСОКОЙ ЧИСТОТЫ	ALUMINIUM WYSOKIEJ CZYSTOŚCI
OTTONE LEVIGATO	LATÃO POLIDO	ПОЛИРОВАННАЯ ЛАТУНЬ	MOSIADZ POLEROWANY
COTONE	ALGODÃO	ХЛОПОК	BAWEŁNA
SFUMATO	MATIZADO	ПОЛЯРИЗОВАННЫЙ	MAT
VETRO	VIDRO	СТЕКЛО	SZKŁO
VETRO MOLATO SATINADO	VIDRO SATINADO COM MOLDURA FACETADA	ФАЦЕТИРОВАННОЕ И САТИНИРОВАННОЕ СТЕКЛО	SZKŁO FAZOWANE SATYNOWE
VETRO BISELATTO	VIDRO COM MOLDURA FACETADA	ФАЦЕТИРОВАННОЕ СТЕКЛО	SZKŁO FAZOWANE
VETRO BOLICOSO	VIDRO COM BOLHAS	ПУЗЫРЯЩЕЕСЯ СЕКЛО	SZKŁO Z PĘCHERZYKAMI
CRISTALLO DECORATO	VIDRIO DECORADO	ДЕКОРАТИВНОЕ СТЕКЛО	SZKŁO DEKOROWANE
VETRO SATINATO	VIDRO POLIDO	МАТОВОЕ	SZKŁO SZRONIONE
VETRO INDURITO	VIDRO ENDURECIDO	ЗАКАЛЁННОЕ СТЕКЛО	SZKŁO HARTOWANE
VETRO SATINATO	VIDRO ACETINADO	СТЕКЛО САТИНОВОЕ	SZKŁO SATYNOWE
VETRO CON LENTE EFFETTO DIFFONDENTE	VIDRO TIPO LUPA	УВЕЛИЧИТЕЛЬНОЕ СТЕКЛО	SZKŁO POWIĘKSZAJĄCE
VETRO MATTIZZATO	VIDRO MATE	МАТОВОЕ СЕКЛО	MATOWE SZKŁO
VETRO OTTICO	VIDRO OPALINO	МАТОВОЕ СТЕКЛО	SZKŁO MLECZNE
VETRO RUSTICO	VIDRO RÚSTICO	ГРУБОЕ СТЕКЛО	SZKŁO RUSTYKALNE
VETRO TRANSPARENTE	VIDRIO TRANSPARENTE	ПРОЗРАЧНОЕ СТЕКЛО	PRZEZROCZYSTE SZKŁO
VETRO EXTRA BIANCO	VIDRO EXTRA BRANCO	ДОПОЛНИТЕЛЬНЫХ БЕЛОГО СТЕКЛА	EXTRA BIAŁE SZKŁO
POLIETILENO AD ALTA DENISTA	POLIETILENO DE ALTA DENSIDADE	ПОЛИЭТИЛЕН ВЫСОКОЙ ПЛОТНОСТИ	POLIETYLEN WYSOKIEJ GĘSTOŚCI
ACCIAIO INOSSIDABILE AISI 202	AÇO INOXIDÁVEL AISI 202	НЕРЖАВЕЮЩАЯ СТАЛЬ AISI 202	STAL NIERDZEWNA AISI 202
ACCIAIO INOSSIDABILE AISI 304	AÇO INOXIDÁVEL AISI 304	НЕРЖАВЕЮЩАЯ СТАЛЬ AISI 304	STAL NIERDZEWNA AISI 304

	ESPAÑOL	ENGLISH	FRANÇAIS	DEUTSCH
INOX AISI 316	ACERO INOXIDABLE AISI 316	STAINLESS STEEL AISI 316	ACIER INOXYDABLE AISI 316	ROSTFREIER STAHL AISI 316
MIR	ESPEJO	MIRROR	MIROIR	SPIEGEL
PC	POLICARBONATO	POLYCARBONATE	POLYCARBONATE	POLYKARBONAT
PC MAT	POLICARBONATO MATE	MATT POLYCARBONATE	POLYCARBONATE MAT	MATTER POLYKARBONAT
PC OPAL	POLICARBONATO OPAL	OPAL POLYCARBONATE	POLYCARBONATE OPALE	OPALER POLYKARBONAT
PC PRISM	POLICARBONATO PRISMATIZADO	PRISMATIC POLYCARBONATE	POLYCARBONATE PRISMATIQUE	PRISMATISIERTER POLYKARBONAT
PC TRAN	POLICARBONATO TRANSPARENTE	TRANSPARENT POLYCARBONATE	POLYCARBONATE TRANSPARENT	TRANSPARENTER POLYKARBONAT
PE	POLIETILENO	POLYTHYLENE	POLYÉTHYLÈNE	POLYÄTHYLEN
PMMA	PMMA	PMMA	PMMA	PMMA
PMMA MAT	PMMA MATE	MATT PMMA	PMMA MAT	MATTER PMMA
PMMA TRANS	PMMA TRANSPARENTE	TRANSPARENT PMMA	PMMA TRANSPARENT	TRANSPARENTER PMMA
PMMA OPAL	PMMA OPAL MATE	SATIN OPAL PMMA	PMMA OPALE SATINÉ	OPAL MATTER PMMA
PMMA PRISM	PMMA PRISMATIZADO	PRISMATIC PMMA	PMMA PRISMATIQUE	PRISMATISIERTER PMMA
PLA COT	ALGODÓN PLASTIFICADO	PLASTICIZED COTTON	COTON PLASTIFIÉ	BAUMWOLLE
PLY	CONTRACHAPADO	PLYWOOD	CONTREPLAQUÉ	SPERRHOLZ
PLAS TER	YESO	PLASTER	GYPSE	VERPUTZ
PP	POLIPROPILENO	POLYPROPYLENE	POLYPROPYLÈNE	POLYPROPYLEN
PLA MAT	PLÁSTICO MATE	MATT PLASTIC	PLASTIQUE MAT	KUNSTSTOFF SCHATTIERT
PUR	POLIURETANO	POLYURETHANE	POLYURÉTHANE	POLYURETHAN
PVC	PVC	PVC	PVC	PVC
RES	RESINA	RESIN	RÉSINE	HARZ
SIL	SILICONA	SILICONE	SILICONE	SILIKON
SILK	SEDA	SILK	SOIE	SEIDE
SMOKED	CRISTAL AHUMADO	SMOKED GLASS	VERRE FUMÉ	RAUCHGLAS
ST	ACERO	STEEL	ACIER	STAHL
ST CAST	ACERO FUNDIDO	CAST STEEL	ACIER COULÉ	GUSSSTAHL
ST EPOXI	ACERO ACABADO EPOXY	EPOXY FINISH STEEL	ACIER FINITION EXPOSI	STAHL, FERTIGVERARBEITUNG MIT EPOXY-LACKIERUNG

ITALIANO	PORTUGUÊS	РУССКИЙ ЯЗЫК	POLSKI
ACCIAIO INOSSIDABILE AISI 316	AÇO INOXIDÁVEL AISI 316	НЕРЖАВЕЮЩАЯ СТАЛЬ	STAL NIERDZEWNA AISI 316
SPECCHIO	ESPELHO	ЗЕРКАЛО	LUSTRO
POLICARBONATO	POLICARBONATO	ПОЛИКАРБОНАТ	POLIWEGLANOWY
POLICARBONATO MATTIZZATO	POLICARBONATO MATE	МАТОВЫЙ ПОЛИКАРБОНАТ	MATOWY POLIWĘGLAN
POLICARBONATO OPALE	POLICARBONATO OPALINO	ОПАЛЬНЫЙ ПОЛИКАРБОНАТ	OPALIZOWANY POLIWĘGLAN
POLICARBONATO PRISMATICO	POLICARBONATO PRISMÁTICO	ПРИЗМАТИЧЕСКИЙ ПОЛИКАРБОНАТ	PRYZMATYCZNY POLIWĘGLAN
POLICARBONATO TRASPARENTE	POLICARBONATO TRANSPARENTE	ПРОЗРАЧНЫЙ ПОЛИКАРБОНАТ	PRZEZROCZYSTY POLIWĘGLAN
POLIETILENE	POLIETILENO	ПОЛИЭТИЛЕН	POLIETYLEN
PMMA	PMMA	PMMA	PMMA
PMMA MATTIZZATO	PMMA MATE	МАТОВЫЙ PMMA	MATOWY PMMA
PMMA TRANSPARENTE	PMMA TRANSPARENTE	ПРОЗРАЧНЫЙ ПММА	PRZEZROCZYSTY PMMA
PMMA OPALE MATIZZATO	PMMA OPALINO SATINADO	РАССЕИВАЮЩЕЕ ПММА ОПАЛОВОЕ	SATYNOWY OPALIZOWANY PMMA
PMMA PRISMATICO	PMMA PRISMÁTICO	ПРИЗМАТИЧЕСКОЕ СТЕКЛО	PRYZMATYCZNY PMMA
COTONE PLASTIFICATO	ALGODAO PLASTIFICADO	УПЛОТНЕННЫЙ ХЛОПОК	POWLEKANA BAWEŁNA
COMPENSATO	CONTRAPLACADO	ФАНЕРА	SKLEJKA
GESSO	GESSO	ГИПС	GIPS
POLIPROPILENE	POLIPROPILENO	ПОЛИПРОПИЛЕН	POLIPROPYLEN
PLASTICA SFUMATA	PLÁSTICO FOSCO	МАТОВЫЙ ПЛАСТИК	MATOWE TWORZYWO SZTUCZNE
POLIURETANO	POLIURETANO	ПОУЛИРИТАН	POLIURETAN
PVC	PVC	PVC	PVC
RESINA	RESINA SINTÉTICA	РЕЗИНА	ŻYWICA
SILICONE	SILICONE	СИЛИКОН	SILIKON
SETA	SEDA	ШЕЛК	JEDWAB
VETRO FUMÉ	VIDRO FUMÊ	ДЫМЧАТОЕ СТЕКЛО	SZKŁO DYMIONE
ACCIAIO	AÇO	СТАЛЬ	STALOWY
ACCIAIO FUSO	AÇO FUNDIDO	ЛИТАЯ СТАЛЬ	STAL PRASOWANA
ACCIAIO ALLUMINIO PRESSOFUSO	AÇO COM ACABAMENTO EPOXY	ЭПОКСИДНОЕ ПОКРЫТИЕ СТАЛИ	STAL WYKOŃCZONA EPOKSYDOWO

MATERIALES | MATERIALS | MATÉRIAUX | MATERIALIEN | MATERIALI | MATERIAIS | МАТЕРИАЛЫ | MATERIAŁY

	ESPAÑOL	ENGLISH	FRANÇAIS	DEUTSCH
TEC POLI	TECNOPOLÍMERO	TECHNOPOLYMER	TECHNOPOLYMÈRE	TECHNOPOLYMER
TERMO PLAST	TERMOPLÁSTICO	THERMOPLASTIC	THERMOPLASTIQUE	THERMOPLASTIK
UVA PROTEC TION	PROTECCIÓN UVA	UVA PROTECTION	PROTECTION UVA	AL:UV-SCHUTZ
UVA GLA	CRISTAL UVA	UVA GLASS	VERRE U.V.	UVA GLAS
WOOD	MADERA	WOOD	BOIS	HOLZ
ZAM	ZAMAK	ZAMAK	ZAMAK	ZAMAK
XXX DIF	MATERIAL DIFUSOR	DIFFUSER MATERIAL	MATÉRIAU DIFFUSEUR	MATERIAL DIFFR
XXX SHADE	MATERIAL PANTALLA	SHADE MATERIAL	MATÉRIAU ABAT-JOUR	MATERIAL DES SCHIRMES
XXX	MATERIAL PALAS	BLADES MATERIAL	MATÉRIAU PALE	MATERIAL DES FLÜGELS

ACABADOS | FINISHING | FINITIONS | AUSFÜHRUNGEN | FINITURE | ACABAMENTOS | ОТДЕЛКА | WYKONCZENIA

	ESPAÑOL	ENGLISH	FRANÇAIS	DEUTSCH
05 | 60	NEGRO	BLACK	NOIR	SCHWARZ
10	NARANJA	ORANGE	ORANGE	ORANGE
11	AZUL	BLUE	BLEU	BLAU
14 | BL	BLANCO	WHITE	BLANC	WEISS
16	BLANCO ANTIGUO	OLD WHITE	BLANC ANCIEN	ALT WEISS
18 | Z6	MARRÓN ÓXIDO	RUSTY BROWN	MARRON ROUILLÉ	BRAUNROST
20	BEIGE	BEIGE	BEIGE	BEIGE
21 | CR	CROMO	CHROME	CHROME	CHROM
22	LATÓN PULIDO	POLISH BRASS	LAITON POLI	MESSING POLIERT
25	ROJO	RED	ROUGE	ROT
34 | GR | N3	GRIS	GREY	GRIS	GRAU
37	TRANSPARENTE	TRANSPARENT	TRANSPARENT	DURCHSICHTIG
48	ACERO CINCADO	ZINC PLATED STEEL	ACIER ZINGUÉ	VERZINKTER STAHL

ITALIANO	PORTUGUÊS	РУССКИЙ ЯЗЫК	POLSKI
TECNOPOLIMERO	TECNOPOLÍMERO	ТЕХНОПОЛИМЕР	TECHNOPOLIMER
TERMOPLASTICA	THERMOPLÁSTICO	ТЕРМОПЛАСТИК	TERMOPLASTYCZNY
PROTEZIONE RAGGI UVA	PROTEÇÃO UVA	ЗАЩИТА ОТ УФЛ	OCHRONA UVA
VETRO UVA	VIDRO UVA	СТЕКЛО С ЗАЩИТОЙ ОТ УЛЬТРАФИОЛЕТОВЫХ ЛУЧЕЙ	SZKŁO UVA
LEGNO	MADEIRA	ДЕРЕВО	DREWNO
ZAMAK	ZAMAK	ZAMAK	ZAMAK
MATERIALE DEL DIFFUSORE	MATERIAL DIFUSOR	МАТЕРИАЛ РАССЕИВАТЕЛЯ	MATERIAŁ ROZPRASZAJĄCY
MATERIALE DEL PARALUME	MATERIAL ABAJUR	МАТЕРИАЛ АБАЖУРА	MATERIAŁ ABAŻURU
MATERIALE DELLE PALE	MATERIAL PÁS	МАТЕРИАЛ ЛОПАСТИ	MATERIAL ŚMIGŁA

ITALIANO	PORTUGUÊS	РУССКИЙ ЯЗЫК	POLSKI
NERO	PRETO	ЧЕРНЫЙ	CZARNY
ARANCIONE	LARANJA	ОРАНЖЕВЫЙ	POMARANCZOWY
BLU	AZUL	СИНИЙ	NIEBIESKI
BIANCO	BRANCO	БЕЛИЛА	BIAŁY
BIANCO ANTICHIZZATO	BRANCO VELHO	СТАРИННЫЙ БЕЛЫЙ	STARY BIAŁY
MARRONE OSSIDATO	MARROM ÓXIDO	РЖАВО-КОРИЧНЕВЫЙ	RDZAWY BRAZ
BEIGE	BEGE	БЕЖЕВЫЙ	BEZ
CROMO	CROMO	ХРОМ	CHROMOWANY
OTTONE LEVIGAPO	LATÃO POLIDO	ПОЛИРОВАННАЯ ЛАТУНЬ	MOSIADZ POLEROWANY
ROSSO	VERMELHO	КРАСНЫЙ	CZERWONY
GRIGIO	CINZENTO	СЕРЫЙ	SZARY
TRASPARENTE	TRANSPARENTE	ПРОЗРАЧНЫЙ	PRZEZROCZYSTE
ACCIAIO ZINCATO	AÇO ZINCADO	ОЦИНКОВАННАЯ СТАЛЬ	OCYNKOWANA STAL

	ESPAÑOL	ENGLISH	FRANÇAIS	DEUTSCH
54	ALUMINIO ANODIZADO	ANODIZED ALUMINIUM	ALUMINIUM ANODISÉ	ALUMINIUM ELOXIERT
81 | NS	NÍQUEL SATINADO	SATIN NICKEL	NICKEL SATINÉ	NICKEL SATINIERT
AJ	GRIS ÓPERA	OPERA GREY	GRIS OPÉRA	OPERA GRAU
AL | AW	ALUMINIO	ALUMINIUM	ALUMINIUM	ALUMINIUM
AT	GRIS RAL 7035	GREY RAL 7035	GRIS RAL 7035	GRAU RAL 7035
AU	GRIS RAL 9006	GREY RAL 9006	GRIS RAL 9006	GRAU RAL 9006
AV	ACERO GALVANIZADO	GALVANISED STEEL	ACIER GALVANISÉ	GALVANISIERTES STAHL
AS	NEGRO BRILLANTE / BLANCO BRILLANTE / CROMO	SHINY BLACK / SHINY WHITE / CHROME	NOIR BRILLANT / BLANC BRILLANT / CHROME	SCHWARZ GLÄNZEND / WEISS GLÄNZEND / CHROM
BB	CABEZAL EN GRIS (AU) + COLUMNA EN NEGRO (BP)	HEAD IN GREY (AU) + COLUMN IN BLACK (BP)	TÊTE EN GRIS (AU) + MÂT EN NOIR (BP)	KOPFSTÜCK IN GRAU (AU) + SÄULE IN SCHWARZ (BP)
BK	ANODIZADO	ANODIZED	ANODISÉ	ELOXIERT
BP	NEGRO (PINTURA EN POLVO)	BLACK (POWDER PAINT)	NOIR (PEINTURE EN POUDRE)	SCHWARZ (PULVERLACK)
BQ	GRIS URBANO	URBAN GREY	GRIS URBAIN	ANTHRAZIT
BS	GRIS RAL 9007	GREY RAL 9007	GRIS RAL 9007	GRAU RAL 9007
BX	ALUMINIO CEPILLADO	BRUSHED ALUMINIUM	ALUMINIUM BROSSÉ	ALUMINIUM GEBÜRSTET
BY	ARENA	BEIGE FABRIC	BEIGE	SANDFARBE
CA	ACERO INOXIDABLE AISI 316	STAINLESS STEEL AISI 316	ACIER INOXYDABLE AISI 316	ROSTFREIER STAHL AISI 316
CC	GRIS ENVEJECIDO	OLD GREY	GRIS VIEILLI	ALT GRAU
CF	BLANCO BRILLANTE	BRIGHT WHITE	BLANC BRILLANT	WEISS GLÄNZEND
D8	PAN DE ORO	GOLDEN LEAF	FEUILLE D'OR	BLATTGOLD
D9	PAN DE PLATA	SILVER LEAF	FEUILLE D'ARGENT	BLATTSILBER
E2	ORO VIEJO	OLD GOLD	OR VIEILLI	ALTGOLD
E4	PATINÉ	ANTIQUE BRASS	PATINÉ	ALTMESSING
J2	ANODIZADO PLATA	ANODIZED SILVER	ARGENT ANODISÉ	SILBER ELOXIERT
J6	MARRÓN	BROWN	MARRON	BRAUN
J7	MARRÓN COBRIZO	COPPER BROWN	MARRON CUIVRÉ	KUPFERROT BRAUN
K7	GRIS PIEDRA	STONE GREY	GRIS PIERRE	STEINGRAU
S2	ALUMINIO SATINADO	SATIN ALUMINIUM	ALUMINIUM SATINÉ	ALUMINIUM MATT

ITALIANO	PORTUGUÊS	РУССКИЙ ЯЗЫК	POLSKI
ALLUMINIO ANODIZZATO	ALUMINIO ANODIZADO	АНОДИРОВАННЫЙ АЛЮМИНИЙ	ALUMINIUM ANODOWANE
NÍCHEL SATINATO	NÍQUEL ACETINADO	САТИНОВЫЙ НИКЕЛЬ	SZCZOTKOWANY NIKIEL
GRIGIO	GRIS OPERA	АБАЖУР СЕРЕБРЯНЫЙ ШЕЛК	OPERA SZARY
ALLUMINIO	ALUMINIO	АЛЮМИНИЙ	ALUMINIUM
GRIGIO RAL 7035	CINZENTO RAL 7035	СЕРЫЙ RAL 7035	SZARY RAL 7035
GRIGIO RAL 9006	CINZENTO RAL 9006	СЕРЫЙ RAL 9006	SZARY RAL 9006
ACCIAIO GALVANIZZAT	AÇO GALVANIZADO	ОЦИНКОВАННАЯ СТАЛЬ	STAL GALWANIZOWANA
NERO BRILLANTE / BIANCO BRILLANTE / CROMO	PRETO BRILHANTE / BRANCO BRILHANTE / CROMO	ЧЕРНЫЙ БЛЕСТЯЩИЙ / БЕЛЫЙ БЛЕСТЯЩИЙ / ХРОМ	LSNIACY CZARNY/LSNIACY BIAŁY/ CHROMOWANY
TESTATA IN GRIGIO (AU) + COLONNA IN NERO	CABEÇA EM CINZENTO (AU) + COLUNA EM PRETO (BP)	ГОЛОВКА СЕРОГО ЦВЕТА (AU) + КОЛОННА ЧЕРНОГО ЦВЕТА (BP)	GŁOWICA W SZAROŚCI (AU) + SŁUP W CZERNI (BP)
ANODIZZATO	ANODIZADO	АНОДИРОВАННЫЙ	ANODOWANY
NERO (VERNICE IN POLVERE)	PRETO (PINTURA EM PÓ)	ЧЕРНЫЙ (ПОРОШОК)	CZARNY (FARBA PROSZKOWA)
GRIGIO URBANO	CINZENTO URBANO	ГОРОДСКОЙ СЕРЫЙ	MIEJSKI SZARY
GRIGIO RAL 9007	CINZENTO RAL 9007	СЕРЫЙ RAL 9007	SZARY RAL 9007
ALLUMINIO SPAZZOLATO	ALUMÍNIO ESCOVADO	МАТОВЫЙ АЛЮМИНИЙ	SZCZOTKOWANE ALUMINIUM
SABBIA	AREIA	ПЕСОЧНЫЙ	BEZ
ACCIAIO INOSSIDABILE AISI 316	AÇO INOXIDÁVEL AISI 316	НЕРЖАВЕЮЩАЯ СТАЛЬ	STAL NIERDZEWNA AISI 316
GRIGIO ANTICO	CINZA ENVELHECIDO	СЕРЫЙ АНТИЧНЫЙ	STARY SZARY
BIANCO LUCIDO	BRANCO BRILLANTE	БЕЛЫЙ БЛЕСТЯЩИЙ	JASNY BIAŁY
FOGLIA DI ORO	CAPA DE OURO	СУСАЛЬНОЕ ЗОЛОТО	ZŁOTO PŁATKOWE
FOGLIA ARGENTO	CAPA DE PRATA	СУСАЛЬНОЕ СЕРЕБРО	SREBRO PŁATKOWE
ORO ANTICO	VELHO	СТАРОЕ ЗОЛОТО	STARE ZŁOTO
PATINATO	PATINADO	ПАТИНЕ	MOSIADZ ANTYCZNY
ARGENTO ANODIZZATO	ANODIZADO PRATA	АНОДИРОВАННЫЙ СЕРЕБРИСТЫЙ	ANODOWANY SREBRNY
MARRONE	MARROM	КОРИЧНЕВЫЙ	BRAZOWY
MARRONE COLOR RAME	MARROM ACOBREADO	КОРИЧНЕВАЯ МЕДЬ	MIEDZIOWY BRĄZ
GRIGIO PIETRA	CINZENTO PEDRA	СЕРЫЙ КАМЕНЬ	SZARY KAMIEŃ
ALLUMINIO SATINATO	ALUMÍNIO ACETINADO	САТИНОВЫЙ АЛЮМИНИЙ	ALUMINIUM SATYNOWE

	ESPAÑOL	ENGLISH	FRANÇAIS	DEUTSCH
 **S2**	ALUMINIO CEPILLADO	BRUSHED ALUMINIUM	ALUMINIUM BROSSÉ	ALUMINIUM GEBÜRSTET
 **S4**	ÁMBAR DORADO	GOLDEN AMBER	AMBRÉ DORÉ	BERNSTEINFARBIGES GOLD
 **T001**	TRAMADO BEIGE	PERFORATED BEIGE	PERFORÉ BEIGE	GEWIRKT BEIGE
 **T4**	PLATA RÚSTICA	RUSTIC SILVER	ARGENT RUSTIQUE	RUSTIKALES SILBER
 **V7**	COBRE VIEJO	OLD COPPER	CUIVRE VIEUX	ALTES KUPFER
 **Y2**	MARRÓN ENVEJECIDO	OLD BROWN	MARRON VIEILLI	ALTBRAUN
 **Y4**	ACERO INOXIDABLE AISI 202/304	STAINLESS STEEL AISI 202/304	ACIER INOXYDABLE AISI 202/304	ROSTFREIER STAHL AISI 202/304
 **Z5**	GRIS URBANO	URBAN GREY	GRIS URBAIN	ANTHRAZIT

ITALIANO	PORTUGUÊS	РУССКИЙ ЯЗЫК	POLSKI
ALLUMINIO SPAZZOLATO	ALUMÍNIO ESCOVADO	МАТОВЫЙ АЛЮМ ИНИЙ	SZCZOTKOWANE ALUMINIUM
AMBRA DORATO	ÂMBAR DOURADO	ПОЗОЛОЧЕННЫЙ ЯНТАРЬ	ZŁOTY BURSZTYN
TRAMATURA BEIGE	PERFURADO BEGE	БЕЖЕВЫЙ СЕТИ	BEŻOWY PERFOROWANY
ARGENTO RUSTICO	PRATA RÚSTICA	НЕОБРАБОТАННОЕ СЕРЕБРО	RUSTYKALNE SREBRO
RAME ANTICATO	COBRE VELHO	СТАРАЯ МЕДЬ	STARA MIEDZ
MARRONE ANTICHIZZATO	CASTANHO ENVELHECIDO	БРАУН АНТИК	STARY BRAZOWY
ACCIAIO INOSSIDABILE AISI 202/304	AÇO INOXIDÁVEL AISI 202/304	НЕРЖАВЕЮЩАЯ СТАЛЬ AISI 202/304	STAL NIERDZEWNA AISI 202/304
GRIGIO URBANO	CINZENTO URBANO	ГОРОДСКОЙ СЕРЫЙ	SZARY MIEJSKI

Reference	Page
00-0073-14-05	236
00-0240-21-16	247
00-0240-21-Z5	247
00-0253-21-16	246
00-0253-S4-CC	246
00-0264-21-82	256
00-0268-21-82	256
00-1509-14-21	237
00-1640-81-F9	239
00-1799-21-16	244
00-1799-S4-CG	244
00-2011-21-16	245
00-2011-S4-CG	245
00-2017-14-14	226
00-2018-14-F9	238
00-2018-21-F9	238
00-2287-14-14	226
00-2689-S2-00	185
00-2708-16-11	240
00-2708-CG-16	240
00-2709-16-11	240
00-2709-CG-16	240
00-2710-16-11	240
00-2710-CG-16	240
00-2713-81-AJ	263
00-2749-E2-16	242
00-2749-T4-11	242
00-2785-21-AS	254
00-2908-E2-16	242
00-2908-T4-11	242
00-3219-S2-M2	232
00-3251-14-M1	228
00-3272-S2-37	230
00-3279-05-05	234
00-3279-16-16	234
00-3280-05-05	235
00-3280-05-16	235
00-3280-16-16	235
00-4339-21-05	260
00-4341-Z6-20	267
00-4343-05-05	250
00-4343-14-14	250
00-4426-14-14	250
00-9151-18-E7	613
00-9295-18-M3	611
00-9298-14-M1	609
00-9298-Z5-M3	609
00-9350-18-AA	611
00-9522-18-M3	611
00-9669-14-M1	609
00-9742-Z5-M1	609
00-9785-18-AA	613
05-0026-21-F9	422
05-0027-21-F9	422
05-0028-21-F9	422
05-0069-14-14	359
05-0070-14-14	360
05-0070-S2-14	360
05-0071-14-14	359
05-0072-34-34	344
05-0392-21-14	397
05-0392-21-25	397
05-0486-14-M1	346
05-0487-05-54	362
05-0487-14-54	362
05-0517-21-E9	370
05-0518-21-E9	370
05-0519-21-E9	370
05-0530-21-E9	370
05-0533-14-14	359
05-0534-14-14	360
05-0575-Y2-E7	271
05-0576-Y2-E7	271
05-0848-16-21	376
05-0849-16-21	376
05-0850-16-21	376
05-1136-16-82	320
05-1380-21-F9	425
05-1383-21-F9	425
05-1389-21-F9	425
05-1410-21-F9	425
05-1411-21-F9	424
05-1507-21-M1	418
05-1508-21-M1	418
05-1513-21-21	378
05-1514-21-21	378
05-1530-21-05	394
05-1530-21-14	394
05-1531-21-05	394
05-1531-21-14	394
05-1544-54-H6	497
05-1546-54-H6	497
05-1547-54-H6	497
05-1548-54-H6	497
05-1549-54-H6	497
05-1552-54-H6	497
05-1555-34-34	343
05-1566-81-82	328
05-1567-81-82	314
05-1577-21-M2	352
05-1577-81-M2	352
05-1577-E4-M2	352
05-1611-21-M2	352
05-1611-81-M2	352
05-1611-E4-M2	352
05-1613-14-00	199
05-1613-N3-00	199
05-1618-14-00	199
05-1618-N3-00	199
05-1709-14-00	199
05-1709-N3-00	199
05-1719-14-00	199
05-1719-N3-00	199
05-1793-14-14	364
05-1794-14-14	363
05-1795-14-14	364
05-1796-14-14	364
05-1798-14-14	363
05-1798-D8-D8	363
05-1798-D9-D9	363
05-1804-14-00	203
05-1808-14-00	203
05-2015-14-14	342
05-2015-34-34	342
05-2017-14-14	226
05-2019-14-14	360
05-2019-S2-14	360
05-2233-14-14	356
05-2304-S4-15	270
05-2325-21-M1	416
05-2326-21-M1	416
05-2327-21-M1	418
05-2328-21-M1	418
05-2494-54-H6	503
05-2498-54-H6	503
05-2499-54-H6	503
05-2510-Z6-82	332
05-2703-14-14	354
05-2703-21-21	354
05-2703-81-81	354
05-2704-14-14	354
05-2704-21-21	354
05-2704-81-81	354
05-2705-14-14	354
05-2705-21-21	354
05-2705-81-81	354
05-2706-21-21	345
05-2706-81-81	345
05-2706-E4-E4	345
05-2707-81-21	255
05-2753-14-M2	350
05-2755-81-21	277
05-2756-81-21	278
05-2757-14-82	308
05-2758-14-82	308
05-2759-14-05	236
05-2775-21-14	341
05-2785-21-AS	254
05-2814-81-05	340
05-2814-81-14	340
05-2814-81-20	340
05-2815-81-81	282
05-2817-81-14	262
05-2820-21-21	281
05-2820-81-81	281
05-2825-21-82	305
05-2830-34-34	347
05-2831-34-34	347
05-2835-54-54	348
05-2837-21-21	348
05-2838-21-21	348
05-2840-21-82	296
05-2845-21-21	348
05-2897-21-M2	352
05-2897-81-M2	352
05-2897-E4-M2	352
05-2900-N3-XY	205
05-2904-14-00	203
05-3213-21-B4	430
05-3217-21-82	276
05-3217-81-82	276
05-3217-E4-82	276
05-3218-21-82	274
05-3218-81-82	274
05-3218-E4-82	274
05-3220-14-14	358
05-3220-25-25	358
05-3220-34-34	358
05-3251-14-M1	228
05-3307-S2-00	195
05-3308-S2-00	195
05-3314-N3-B9	195
05-3358-N3-37	513
05-4339-21-05	261
05-4341-Z6-20	268
05-4343-05-05	252
05-4343-14-14	252
05-4351-21-37	377
05-4352-21-37	377
05-4357-21-M1	415
05-4358-21-M1	415
05-4361-21-05	413
05-4362-21-05	413
05-4363-81-20	341
05-4373-21-F9	428
05-4374-21-M1	416
05-4375-21-M1	416
05-4376-21-M1	416
05-4377-21-M1	418
05-4378-21-M1	418
05-4379-81-F9	424
05-4385-21-M1	420
05-4386-21-M1	420
05-4387-21-M1	420
05-4401-14-B8	366
05-4401-BX-B8	366
05-4402-BX-B8	367
05-4427-S2-M1	359
05-4695-81-82	286
05-4695-Y2-82	286
05-4696-81-82	284
05-4696-Y2-82	284
05-4697-81-82	283
05-4697-Y2-82	283
05-4698-21-M1	412
05-4699-21-M1	412
05-4700-21-M1	412
05-4713-N3-M3	209
05-4714-N3-M3	209
05-4715-N3-M3	209
05-8729-05-M3	569
05-8729-34-M3	569
05-8751-05-M3	569
05-8751-34-M3	569
05-8762-18-37	583
05-8790-Y4-M1	573
05-8796-Y4-M1	575
05-8959-05-37	591
05-8961-05-B8	619
05-8961-14-B8	619
05-8961-34-B8	619
05-9104-18-M2	591
05-9107-34-37	517
05-9107-Z5-37	517
05-9122-Y4-37	517
05-9123-34-B8	547
05-9123-Z5-B8	547
05-9124-18-37	589
05-9126-18-AA	587
05-9129-34-37	529
05-9129-Z5-37	529
05-9131-14-M3	547
05-9131-34-M3	547
05-9131-Z5-M3	547
05-9132-18-AA	591
05-9146-34-T2	549

Reference	Page
05-9149-18-AA	587
05-9151-18-E7	593
05-9152-18-E7	593
05-9158-18-AA	583
05-9159-Z5-37	529
05-9175-18-AA	593
05-9177-14-B8	367, 537
05-9177-34-B8	537
05-9177-J6-B8	537
05-9177-Z5-B8	537
05-9179-14-B8	619
05-9179-34-B8	619
05-9179-Z5-B8	619
05-9182-34-B8	627
05-9190-34-37	559
05-9191-34-37	559
05-9202-18-AA	589
05-9204-34-B8	549
05-9207-J6-M1	577
05-9207-Y4-M1	577
05-9211-CA-T2	621
05-9211-Y4-T2	621
05-9212-CA-T2	621
05-9212-Y4-T2	621
05-9227-34-37	533
05-9227-Z5-37	533
05-9228-14-37	533
05-9228-34-37	533
05-9228-Z5-37	533
05-9229-14-37	535
05-9229-34-37	535
05-9229-J6-37	535
05-9229-Z5-37	535
05-9230-14-37	535
05-9230-34-37	535
05-9230-J6-37	535
05-9230-Z5-37	535
05-9234-18-37	551
05-9234-34-37	551
05-9238-34-M3	571
05-9239-CA-M2	573
05-9245-CA-37	657
05-9251-34-37	501
05-9254-34-37	501
05-9264-Z5-37	499
05-9265-Z5-37	499
05-9266-Z5-37	499
05-9295-18-M3	591
05-9296-34-37	517
05-9296-Z5-37	517
05-9298-14-M1	581
05-9298-Z5-M3	581
05-9299-Z5-M3	581
05-9300-34-M3	567
05-9300-Z5-M3	567
05-9309-34-37	551
05-9310-CA-37	519
05-9315-34-B8	563
05-9315-Z5-B8	563
05-9327-34-37	517
05-9327-Z5-37	517
05-9330-05-B8	585
05-9331-05-B8	585

Reference	Page
05-9333-J6-M1	573
05-9344-34-T2	561
05-9344-J6-T2	561
05-9350-18-AA	589
05-9351-18-AA	583
05-9356-05-B8	585
05-9368-14-37	541
05-9368-34-37	541
05-9368-Z5-37	541
05-9369-34-37	541
05-9369-Z5-37	541
05-9373-J6-M3	583
05-9390-Z5-M3	581
05-9408-34-M3	525
05-9408-Z5-M3	525
05-9409-34-M3	547
05-9410-Z5-B8	567
05-9416-34-37	509
05-9416-Z5-37	509
05-9434-34-T2	619
05-9438-34-37	533
05-9438-Z5-37	533
05-9439-Z5-37	499
05-9444-Z5-CD	567
05-9447-18-M3	587
05-9456-14-M3	553
05-9456-Z5-M3	553
05-9457-34-M3	525
05-9457-Z5-M3	525
05-9458-34-T2	535
05-9458-J6-T2	535
05-9458-Z5-T2	535
05-9467-34-B8	627
05-9469-34-T2	543
05-9470-34-T2	543
05-9470-Z5-T2	543
05-9471-Z5-T2	553
05-9472-34-M3	541
05-9474-34-37	507
05-9483-34-37	561
05-9484-34-37	561
05-9501-34-37	507
05-9502-34-37	507
05-9509-Z5-37	579
05-9510-Z5-37	579
05-9522-18-M3	587
05-9531-34-T2	533
05-9531-Z5-T2	533
05-9537-34-37	501
05-9538-34-37	501
05-9539-34-37	501
05-9544-Z5-M3	569
05-9553-34-37	509
05-9553-Z5-37	509
05-9555-34-M3	553
05-9559-34-B8	527
05-9565-Z5-B8	555
05-9566-Z5-B8	555
05-9573-34-T2	545
05-9573-Z5-T2	545
05-9574-34-37	545
05-9574-Z5-37	545
05-9577-34-37	529
05-9577-Z5-37	529

Reference	Page
05-9580-34-37	515
05-9583-05-M3	623
05-9589-Z5-T2	619
05-9591-Z5-B8	559
05-9592-34-37	555
05-9593-34-37	557
05-9594-14-37	557
05-9594-34-37	557
05-9595-34-M3	565
05-9596-34-37	627
05-9598-34-M2	515
05-9600-CA-B8	577
05-9601-34-M1	551
05-9602-34-M1	565
05-9605-Z5-M1	571
05-9613-CA-B8	575
05-9626-34-37	505
05-9627-34-37	505
05-9628-34-37	505
05-9629-CA-B8	539
05-9636-34-B8	537
05-9636-Z5-B8	537
05-9637-CA-B8	539
05-9640-05-37	519
05-9640-14-37	519
05-9640-34-37	519
05-9641-34-37	529
05-9641-Z5-37	529
05-9647-34-37	509
05-9647-Z5-37	509
05-9648-34-B8	563
05-9649-14-T2	537
05-9649-34-T2	537
05-9649-Z5-T2	537
05-9650-34-T2	543
05-9652-34-M2	515
05-9653-CA-M2	621
05-9654-CA-M2	621
05-9662-34-CD	525
05-9675-CA-B8	539
05-9677-14-M1	569
05-9679-34-B8	557
05-9679-Z5-B8	557
05-9681-Z5-B8	563
05-9683-14-T2	531
05-9683-34-T2	531
05-9683-Z5-T2	531
05-9684-Z5-T2	531
05-9685-Z5-T2	559
05-9686-Z5-M1	581
05-9687-14-M1	565
05-9705-34-37	625
05-9707-Z5-M2	523
05-9715-Z5-M1	571
05-9717-34-M1	571
05-9718-J6-M3	583
05-9719-34-37	549
05-9722-05-37	509
05-9725-34-T2	555
05-9726-Z5-37	553
05-9727-05-M2	657
05-9728-05-M2	657
05-9731-34-37	515
05-9732-34-37	531

Reference	Page
05-9732-Z5-37	531
05-9734-34-M1	527
05-9735-34-M1	547
05-9739-05-37	513
05-9749-54-37	495
05-9750-54-37	495
05-9751-34-37	501
05-9752-34-CD	557
05-9753-CA-CD	551
05-9757-Y4-37	621
05-9758-34-37	627
05-9762-05-M2	523
05-9763-05-M2	523
05-9770-34-M2	625
05-9771-34-M2	625
05-9772-34-M2	625
05-9773-34-37	541
05-9774-CC-M1	579
05-9776-CA-G5	539
05-9777-CA-G5	577
05-9779-34-M2	563
05-9780-34-M1	575
05-9783-34-M1	527
05-9785-18-AA	593
10-0231-34-05	397
10-0392-21-14	396
10-0392-21-25	396
10-1523-21-21	400
10-1530-21-05	394
10-1530-21-14	394
10-1531-21-05	395
10-1531-21-14	395
10-1566-81-82	330
10-1567-81-82	316
10-1568-81-82	326
10-1788-81-81	349
10-2757-14-82	310
10-2817-81-14	262
10-2825-21-82	306
10-3273-21-05	398
10-3273-E4-Y2	398
10-4339-21-05	260
10-4341-Z6-20	268
10-4343-14-14	251
10-4367-16-82	324
10-4368-16-82	322
10-4369-Z6-82	333
10-4695-21-82	290
10-4695-81-82	290
10-4695-Y2-82	290
10-4696-81-82	288
10-4696-Y2-82	288
10-8790-Y4-M1	717
10-9151-18-E7	683
10-9183-18-B8	719
10-9295-18-M3	681
10-9298-Z5-M3	679
10-9299-14-M1	679
10-9299-Z5-M3	679
10-9329-18-B8	715
10-9329-34-B8	715
10-9333-J6-M1	717
10-9350-18-AA	681
10-9386-34-M3	677

Reference	Page
10-9386-K7-M3	677
10-9386-Z5-M3	677
10-9387-34-M3	677
10-9387-K7-M3	677
10-9387-Z5-M3	677
10-9390-Z5-M3	679
10-9447-18-M3	681
10-9475-Z5-M2	675
10-9555-34-M3	705
10-9556-Z5-M3	703
10-9557-Z5-M3	703
10-9607-34-M1	707
10-9613-CA-B8	715
10-9645-Z5-M2	675
10-9755-M1-M1	671
10-9774-CC-M1	677
10-9784-14-M2	663
10-9785-18-AA	683
127-NS	407
15-0073-14-05	236
15-0074-14-05	236
15-1521-21-E9	390
15-1522-21-E9	390
15-1733-81-F9	433
15-2020-14-14	356
15-2021-14-14	356
15-2300-S4-15	270
15-2456-54-M1	157
15-2459-54-M1	157
15-2462-54-M1	157
15-2463-54-M1	157
15-2464-N3-M1	141
15-2465-N3-M1	141
15-2514-21-F9	434
15-2905-34-M1	388
15-2906-S2-M1	382
15-2907-S2-M1	382
15-2920-52-M1	159
15-2921-52-M1	159
15-2936-S2-M1	383
15-2937-S2-M1	383
15-2938-S2-M1	382
15-2939-S2-M1	382
15-2940-S2-M1	383
15-3213-21-B4	430
15-3214-21-B4	430
15-4336-14-M1	392
15-4341-Z6-20	268
15-4370-21-F9	432
15-4426-14-14	251
15-4682-21-E9	390
15-4684-21-E9	390
15-4685-14-M1	386
15-4685-S2-M1	386
15-4686-14-M1	386
15-4686-S2-M1	386
15-4687-14-M1	387
15-4687-S2-M1	387
15-4688-14-M1	387
15-4688-S2-M1	387
15-4689-14-B4	384
15-4689-S2-B4	384
15-4690-14-B4	384
15-4690-S2-B4	384
15-4691-14-B4	385
15-4691-S2-B4	385
15-4692-14-M1	385
15-4692-S2-M1	385
15-4695-20-M1	264
15-4695-J6-M1	264
15-4696-20-M1	264
15-4696-J6-M1	264
15-4721-54-M1	157
15-4722-54-M1	157
15-4723-54-M1	157
15-4724-54-M1	157
15-4725-N3-M1	141
15-4726-N3-M1	141
15-9234-34-37	601
15-9298-Z5-M3	607
15-9300-34-M3	607
15-9328-34-B8	599
15-9328-Z5-B8	599
15-9350-18-AA	607
15-9362-34-37	601
15-9362-Z5-37	601
15-9363-34-37	601
15-9363-Z5-37	601
15-9365-34-T2	601
15-9365-Z5-T2	601
15-9391-Y4-B8	617
15-9392-Y4-B8	617
15-9480-34-37	599
15-9480-Z5-37	599
15-9491-34-M3	605
15-9493-34-M3	605
15-9540-34-M3	597
15-9542-34-M3	605
15-9558-CA-B8	599
15-9560-34-37	595
15-9561-34-37	595
15-9562-34-37	615
15-9563-34-37	615
15-9619-34-M1	597
15-9659-M3-CD	617
15-9665-CA-37	617
15-9676-34-M3	605
15-9677-14-M1	603
15-9678-14-M1	603
15-9680-34-37	599
15-9688-34-M1	597
15-9696-34-CD	597
15-9708-Y4-37	615
15-9717-34-M1	607
15-9778-34-CD	597
170-NS	300
171-NS	298
172-NS	297
174-NS	302
176-NS	304
20-0544-Y2-20	266
20-0576-Y2-E7	271
20-2012-Z6-82	338
20-2013-Z6-82	336
20-2510-Z6-82	334
20-2787-21-J6	265
20-4341-Z6-20	267
247-NS	408
248-NS	408
25-0240-21-16	248
25-0240-21-Z5	248
25-0264-21-82	258
25-0264-21-82	258
25-0392-21-14	396
25-0392-21-25	396
25-0467-21-82	259
25-1523-21-21	400
25-1566-81-82	329
25-1567-81-82	318
25-1568-81-82	327
25-2510-Z6-82	339
25-2757-14-82	312
25-2817-81-14	262
25-2825-21-82	307
25-2860-Y2-05	405
25-2860-Y2-14	405
25-3215-14-M1	406
25-3216-14-M3	402
25-3273-21-05	398
25-3273-E4-Y2	398
25-4339-21-05	260
25-4341-Z6-20	268
25-4343-14-14	251
25-4367-16-82	325
25-4695-21-82	295
25-4695-81-82	295
25-4695-Y2-82	295
25-4696-81-82	293
25-4696-Y2-82	293
25-9503-14-M1	671
25-9503-Z5-M1	671
25-9614-14-M1	673
25-9642-14-M1	673
25-9733-05-M1	669
25-9742-Z5-M1	669
271-NS	393
274-NS	371
280-NS	353
284-CR	368
30-0009-N3-B8	489
30-0013-14-M1	468
30-0067-14-14	490
30-0067-81-81	490
30-0068-14-F9	464
30-0068-81-F9	464
30-1854-CF-F9	486
30-1961-81-81	454
30-1961-CF-CF	454
30-1964-CF-CF	456
30-1964-N3-N3	456
30-1965-81-E9	458
30-1966-N3-M1	460
30-1971-81-82	476
30-1975-CF-F9	470
30-1976-J7-M1	472
30-1978-N3-M1	488
30-2009-14-M1	468
30-2854-81-F9	462
30-3248-16-E9	450
30-3248-CG-E9	450
30-3249-CF-M1	448
30-3250-CF-M1	452
30-4354-81-M1	474
30-4355-81-M1	466
30-4355-CF-M1	466
30-4356-CF-CF	480
30-4357-81-82	476
30-4392-N3-M1	488
30-4393-CF-M1	460
30-4393-N3-M1	460
30-4394-CF-F9	470
30-4395-J7-M1	472
30-4398-J7-J7	478
30-4399-14-F9	482
30-4399-81-F9	482
30-4399-E4-F9	482
30-4399-J7-F9	483
30-4404-81-F9	491
30-4404-CF-F9	491
30-4405-J7-E7	484
320-BL	105, 440
320-CR	105, 440
320-NS	105, 440
331-GR	389
332-GR	388
337-AL	404
35-1557-14-00	73
35-1557-60-00	73
35-1558-14-00	73
35-1558-60-00	73
35-1559-14-00	73
35-1559-60-00	73
35-1565-14-00	73
35-1565-60-00	73
35-2200-14-37	69
35-2200-60-37	69
35-2202-14-37	69
35-2202-60-37	69
35-2204-14-37	69
35-2204-60-37	69
35-2205-14-37	69
35-2205-60-37	69
35-2210-14-37	69
35-2210-60-37	69
35-2215-14-37	69
35-2215-60-37	69
35-2512-14-37	69
35-2512-60-37	69
35-2513-14-37	69
35-2513-60-37	69
35-2515-14-37	69
35-2515-60-37	69
35-2517-14-37	69
35-2517-60-37	69
35-2898-14-00	73
35-2898-60-00	73
35-3510-14-37	69
35-3510-60-37	69
35-3511-14-37	69
35-3511-60-37	69
35-3551-14-00	50
35-3552-14-00	50
35-3553-14-00	50
35-3554-14-00	50

Reference	Page
35-3555-14-37	50
35-3556-14-37	50
35-3557-14-37	50
35-3558-14-37	50
35-3559-14-37	50
35-3560-14-37	50
35-3561-14-37	50
35-3562-14-37	50
35-3563-14-37	50
35-3564-14-37	50
35-3565-14-37	50
35-3566-14-37	50
35-3567-14-37	50
35-3568-14-37	50
35-3569-14-37	50
35-3570-14-37	50
35-3571-14-37	50
35-3572-14-37	50
35-3573-14-37	50
35-3574-14-37	50
35-3575-14-37	50
35-3576-14-37	50
35-3577-14-37	50
35-3578-14-37	50
35-3579-14-00	53
35-3580-14-00	53
35-3581-14-00	53
35-3582-14-00	53
35-3583-14-37	53
35-3584-14-37	53
35-3585-14-37	53
35-3586-14-37	53
35-3587-14-37	53
35-3588-14-37	53
35-3589-14-37	53
35-3590-14-37	53
35-3591-14-37	53
35-3592-14-37	53
35-3593-14-37	53
35-3594-14-37	53
35-3595-14-37	53
35-3596-14-37	53
35-3597-14-37	53
35-3598-14-37	53
35-3599-14-37	53
35-3600-14-37	53
35-3601-14-37	53
35-3602-14-37	53
35-3603-14-37	53
35-3604-14-37	53
35-3605-14-37	53
35-3606-14-37	53
35-3607-14-00	51
35-3608-14-00	51
35-3611-14-00	51
35-3612-14-00	51
35-3613-14-37	51
35-3614-14-37	51
35-3616-14-37	51
35-3617-14-37	51
35-3618-14-37	51
35-3619-14-37	51
35-3621-14-37	51
35-3622-14-37	51

Reference	Page
35-3623-14-37	51
35-3624-14-37	51
35-3625-14-37	51
35-3626-14-37	51
35-3628-14-37	51
35-3629-14-37	51
35-3630-14-37	51
35-3631-14-37	51
35-3632-14-37	51
35-3633-14-37	51
35-3634-14-37	51
35-3635-14-37	51
35-3636-14-37	51
35-3637-14-37	51
35-3638-14-37	51
35-3639-14-37	51
366-NS	433
410-CR	380
411-CR	381
415-CR	380
416-CR	381
425-ES	444
426-ES	444
427-ES	444
434-AL	382
443-AL	375
444-BL	373
445-BL	373
446-NS	349
456-AL	375
457-CR	416
476-CR	444
479-CR	372
482-CR	372
486-BL	426
487-BL	426
488-AL	414
489-AL	414
492-CR	369
493-CR	369
505-NS	371
506-CR	371
510-CR	374
514-GR	391
55-1573-14-00	201
55-1573-N3-00	201
55-1574-14-00	201
55-1574-N3-00	201
55-1699-14-00	201
55-1699-N3-00	201
55-1701-14-00	201
55-1701-N3-00	201
55-8784-05-05	521
55-8790-Y4-M1	717
55-8791-Y4-Y4	573, 717
55-8956-05-M1	709
55-8956-34-M1	709
55-9151-18-18	728, 729
55-9155-M1-M1	663
55-9156-M1-M1	663
55-9172-34-37	521
55-9184-Y4-37	647
55-9186-CA-37	647

Reference	Page
55-9186-Y4-37	647
55-9187-CA-37	639
55-9187-Y4-37	639
55-9190-34-37	701
55-9191-34-37	521
55-9232-Y4-37	637
55-9233-Y4-37	637
55-9238-34-M3	699
55-9239-CA-M2	713
55-9245-CA-37	661
55-9255-54-37	647
55-9257-54-M2	649
55-9264-Y4-37	629
55-9265-Y4-37	629
55-9266-Y4-37	629
55-9268-34-M2	723
55-9269-34-M2	723
55-9280-CA-37	643
55-9280-Y4-37	643
55-9281-Y4-37	645
55-9282-Y4-T2	645
55-9283-Y4-T2	645
55-9293-34-34	721
55-9295-18-M3	719
55-9298-Z5-M3	709
55-9305-48-48	725, 727
55-9317-Y4-M2	713
55-9318-34-M3	675
55-9318-Z5-M3	675
55-9319-34-M3	697
55-9319-Z5-M3	697
55-9320-34-M3	697
55-9320-Z5-M3	697
55-9323-Y4-37	639
55-9329-18-B8	715
55-9329-34-B8	715
55-9333-J6-M1	717
55-9334-Z5-M3	675
55-9335-Z5-M3	695
55-9336-Z5-M3	695
55-9337-Y4-37	647
55-9342-34-M3	697
55-9342-Z5-M3	697
55-9343-34-M3	697
55-9343-Z5-M3	697
55-9349-Z5-M3	521
55-9350-18-AA	719
55-9357-34-M3	695
55-9357-Z5-M3	695
55-9358-34-M3	695
55-9358-Z5-M3	695
55-9374-34-T2	689
55-9380-CA-37	643
55-9380-Y4-37	643
55-9390-14-M1	709
55-9390-Z5-M3	709
55-9421-M3-M3	655
55-9422-34-M3	651
55-9422-Z5-M3	651
55-9423-34-T2	651
55-9423-Z5-T2	651
55-9424-34-T2	651
55-9424-Z5-T2	651

Reference	Page
55-9425-M3-M3	655
55-9426-34-M3	653
55-9426-Z5-M3	653
55-9427-34-T2	653
55-9427-Z5-T2	653
55-9428-34-T2	653
55-9428-Z5-T2	653
55-9430-Y4-T2	641
55-9431-34-M2	723
55-9433-Y4-37	637
55-9440-CA-M2	713
55-9459-Z5-M3	691
55-9479-34-M2	691
55-9481-M1-M1	663
55-9486-Y4-37	641
55-9488-34-M3	699
55-9488-Z5-M3	699
55-9504-34-M2	687
55-9504-Z5-M2	687
55-9505-34-M2	687
55-9505-Z5-M2	687
55-9506-34-M2	687
55-9506-Z5-M2	687
55-9520-M1-M1	665
55-9523-Y4-37	631
55-9524-Y4-37	631
55-9527-Y4-37	631
55-9528-Y4-37	631
55-9530-34-M2	691
55-9549-34-M3	699
55-9549-Z5-M3	699
55-9550-34-M2	685
55-9550-Z5-M2	685
55-9551-34-M2	685
55-9551-Z5-M2	685
55-9552-34-M2	685
55-9552-Z5-M2	685
55-9555-34-M3	705
55-9556-Z5-M3	703
55-9557-Z5-M3	703
55-9564-Y4-37	641
55-9567-Z5-37	643
55-9575-34-M2	691
55-9581-34-M3	701
55-9582-34-M3	701
55-9595-34-M3	705
55-9602-34-M1	705
55-9605-Z5-M1	711
55-9606-Z5-M1	711
55-9607-34-M1	707
55-9613-CA-B8	715
55-9620-54-T2	649
55-9621-54-T2	649
55-9622-14-T2	661
55-9623-14-T2	661
55-9624-18-M3	719
55-9625-CA-37	639
55-9625-Y4-37	639
55-9635-CA-37	643
55-9655-05-CD	693
55-9656-05-CD	693
55-9657-05-CD	693
55-9658-05-CD	693
55-9663-CA-37	635

Reference	Page
55-9664-CA-37	635
55-9665-CA-37	633
55-9666-CA-37	633
55-9667-CA-37	633
55-9669-14-M1	667
55-9670-34-M1	721
55-9682-Z5-37	701
55-9690-34-M2	699
55-9697-14-M3	659
55-9698-14-M3	659
55-9699-14-M3	659
55-9700-14-M3	659
55-9701-Z5-M3	521
55-9706-Z5-CD	689
55-9715-Z5-M1	711
55-9716-Z5-M1	711
55-9717-34-M1	709
55-9720-Z5-M1	707
55-9721-Z5-M1	707
55-9723-CA-37	635
55-9724-CA-37	635
55-9733-05-M1	669
55-9737-CA-37	645
55-9741-Z5-37	655
55-9754-M1-M1	665
55-9756-M1-M1	663
55-9759-Z5-T2	701
55-9760-Z5-37	707
55-9768-54-T2	649
55-9769-54-T2	649
55-9775-Z5-CD	689
60-9151-18-E7	728
60-9152-18-E7	728
60-9294-34-M2	721
60-9307-Z5-M3	727
60-9376-Z5-M3	727
60-9482-Z5-M2	725
60-9785-18-AA	729
60-9786-18-AA	729
71-0017-00-00	879
71-0019-00-00	876
71-0035-00-00	872
71-0036-00-00	872
71-0038-00-00	872
71-0039-00-00	872
71-0059-00-00	872
71-0060-00-00	872
71-0061-00-00	872
71-0062-00-00	872
71-0063-00-00	872
71-0064-00-00	872
71-0065-00-00	872
71-0066-00-00	872
71-0289-54-00	223
71-0299-54-00	223
71-0331-54-00	223
71-0388-54-00	223
71-0537-54-00	157
71-0558-54-00	157, 159
71-0566-54-M2	223
71-0566-54-M3	223
71-0580-54-M2	223
71-0580-54-M3	223
71-0593-54-M2	223
71-0593-54-M3	223
71-0594-54-M2	223
71-0594-54-M3	223
71-0612-00-00	870
71-0613-00-00	870
71-0727-00-00	879
71-0744-00-00	870
71-1539-14-37	58
71-1553-00-00	879
71-1554-54-00	223
71-1843-81-81	881
71-1843-CF-CF	881
71-1844-81-81	881
71-1844-CF-CF	881
71-1849-14-00	58
71-1881-00-00	83, 85
71-1928-14-00	58
71-1929-14-00	58
71-1930-14-37	58
71-1931-14-37	58
71-1932-14-37	58
71-1933-14-37	58
71-1934-14-37	58
71-1938-05-M2	797
71-1939-05-M2	797
71-1964-CF-CF	456
71-1964-N3-N3	456
71-2232-14-14	77, 881
71-2232-60-60	77, 881
71-2241-00-00	881
71-2337-14-00	59
71-2338-14-00	59
71-2339-14-00	59
71-2340-14-00	59
71-2342-14-00	59
71-2413-00-00	871
71-2467-00-00	799
71-2468-00-00	799
71-2469-00-00	874
71-2471-00-00	874
71-2472-00-00	875
71-2473-05-M2	797
71-2474-05-M2	797
71-2476-00-00	57, 117, 124, 143, 146, 147
71-2477-00-00	873
71-2508-00-00	799
71-2509-00-00	799
71-2625-05-M2	797
71-2654-05-M2	797
71-2675-60-00	69
71-2909-14-37	100
71-2910-14-00	101
71-2910-N3-00	101
71-2911-14-00	101
71-2911-N3-00	101
71-2912-14-00	101
71-2912-N3-00	101
71-2913-14-00	101
71-2914-14-00	101
71-2914-N3-00	101
71-2915-14-00	101
71-2915-N3-00	101
71-2918-00-00	112, 113
71-2942-14-00	127
71-2942-60-00	127
71-2942-N3-00	127
71-2943-14-00	127
71-2943-60-00	127
71-2943-N3-00	127
71-2944-14-00	127
71-2944-60-00	127
71-2944-N3-00	127
71-2945-14-00	127
71-2945-60-00	127
71-2946-14-00	127
71-2946-60-00	127
71-2947-14-00	127
71-2947-60-00	127
71-2948-14-00	125
71-2948-60-00	125
71-2948-N3-00	125
71-2949-14-00	125
71-2949-60-00	125
71-2949-N3-00	125
71-2950-14-00	125
71-2950-60-00	125
71-2950-N3-00	125
71-2951-14-00	125
71-2951-60-00	125
71-2952-14-00	125
71-2952-60-00	125
71-2953-14-00	125
71-2953-60-00	125
71-2954-00-00	124, 126
71-2955-00-00	124
71-2956-00-00	124
71-2963-00-37	124
71-2964-00-37	124
71-2965-00-37	124
71-2966-00-37	124
71-2967-00-37	124
71-2968-00-37	124
71-2969-00-37	124
71-2970-00-37	124
71-2971-00-37	124
71-2972-00-37	124
71-2973-00-37	124
71-2974-00-37	124
71-2975-00-37	124
71-2976-00-37	124
71-3044-AV-AV	807
71-3128-48-48	802, 804
71-3148-48-48	805
71-3212-00-00	126
71-3223-14-00	139
71-3223-60-00	139
71-3224-00-37	124
71-3225-14-37	100
71-3226-14-37	100
71-3229-00-00	221
71-3232-00-00	221
71-3255-00-00	798
71-3256-00-00	798
71-3257-00-00	798
71-3281-00-00	852, 857
71-3283-00-00	100
71-3284-00-00	100
71-3285-14-00	76
71-3285-60-00	76
71-3285-N3-00	76
71-3305-00-00	870
71-3307-00-00	870
71-3308-00-00	870
71-3309-00-00	870
71-3411-56-56	212
71-3454-54-M2	223
71-3454-54-M3	223
71-3467-00-00	213
71-3468-00-00	213
71-3473-00-00	879
71-3475-00-00	871
71-3476-00-00	871
71-3477-00-00	870
71-3478-00-00	870
71-3479-00-00	872
71-3493-00-00	877
71-3515-00-37	124
71-3516-00-37	124
71-3517-00-37	124
71-3518-00-37	124
71-3519-00-37	124
71-3520-00-37	124
71-3531-60-00	139
71-3542-00-00	870
71-4393-CF-CF	460
71-4393-N3-N3	460
71-4396-00-00	104, 105
71-4398-J7-F9	478
71-4399-14-14	881
71-4470-BP-BP	789, 800, 804, 805, 807
71-4520-48-48	801, 804, 806
71-4521-48-48	800, 805
71-4522-48-48	802
71-4524-48-48	800, 801, 802, 803, 804, 805, 806
71-4525-48-48	800, 801, 802, 803
71-4526-48-48	767, 769, 771

Reference	Page
71-4531-48-48	800, 801, 802, 803, 806
71-4539-48-48	800, 801, 802, 803, 806
71-4540-48-48	801, 803
71-4541-48-48	801
71-4553-AV-AV	765
71-4554-AV-AV	807
71-4555-AV-AV	807
71-4556-48-48	765
71-4655-N3-00	209
71-4661-N3-N3	195
71-4662-00-00	876
71-4663-00-00	876
71-4664-00-00	221
71-4665-00-00	221
71-4666-00-00	877
71-4695-81-81	264
71-4704-00-00	870
71-4706-00-00	871
71-4707-00-00	871
71-4708-00-00	871
71-4722-N3-00	157, 159
71-4723-N3-00	157, 159
71-4724-N3-00	157
71-4725-00-00	870
71-4727-00-00	872
71-4768-00-00	799
71-4769-00-00	799
71-8969-00-00	537, 619, 621, 881
71-9187-Y4-37	639
71-9197-05-05	873
71-9198-05-05	872
71-9199-05-05	880
71-9262-05-05	881
71-9273-05-05	880
71-9291-34-34	725
71-9292-34-34	725
71-9311-05-05	881
71-9396-05-05	880
71-9397-05-05	880
71-9398-05-05	727
71-9399-05-05	727
71-9405-M3-M3	880
71-9406-M3-M3	880
71-9442-00-00	727
71-9445-Z5-Z5	567
71-9448-CA-CA	615, 645
71-9449-CA-CA	645
71-9450-CA-CA	647
71-9452-CA-CA	647
71-9453-CA-CA	637, 639
71-9454-CA-CA	641
71-9476-08-08	651
71-9476-11-11	651
71-9476-24-24	651
71-9476-25-25	651
71-9477-08-08	653
71-9477-11-11	653
71-9477-24-24	653
71-9477-25-25	653
71-9487-34-34	509, 515, 519, 881
71-9487-Z5-Z5	509, 519, 521, 881
71-9507-05-05	880
71-9508-00-00	725
71-9512-CA-CA	641
71-9514-52-52	723
71-9515-52-52	723
71-9520-00-00	665
71-9574-05-37	545
71-9577-05-37	529
71-9583-Z5-Z5	623
71-9584-Z5-Z5	623
71-9585-Z5-Z5	623
71-9586-Z5-Z5	623
71-9587-Z5-Z5	623
71-9588-Z5-Z5	623
71-9630-34-34	877
71-9632-34-34	877
71-9638-CA-CA	637, 639
71-9639-CA-CA	647
71-9709-00-00	623
71-9710-00-00	623
71-9711-00-00	603, 605
71-9712-00-00	603, 605
71-9713-00-00	619, 621
71-9714-00-00	619, 621
71-9729-54-M3	661
71-9744-05-05	880
71-9745-05-05	880
71-9746-05-05	509, 515, 519, 521, 881
71-9747-00-00	537, 539
71-9781-00-00	537. 539
75-4366-21-K3	445
75-4371-K3-M1	442
80-4552-AU-M2	763
80-1413-BK-37	187
80-1414-BK-37	187
80-1423-BP-H6	511
80-1424-BP-H6	511
80-1481-BK-37	187
80-1503-BK-37	187
80-1504-BK-37	187
80-1505-BK-37	187
80-1506-BP-H6	511
80-1767-AT-37	733
80-1769-AT-37	733
80-1780-AT-37	733
80-2417-BP-37	779
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80-2430-AU-M2	791
80-2431-AU-M2	791
80-2432-AU-M2	791
80-2433-AU-M2	791
80-2434-AU-M2	791
80-2435-AU-M2	791
80-2436-AU-M2	791
80-2437-AU-M2	791
80-2438-AT-37	749
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80-2441-AT-37	749
80-2442-AT-37	749
80-2443-AT-37	749
80-2444-AT-37	749
80-2445-AT-37	749
80-2446-AT-37	749
80-2447-AT-37	749
80-2448-AT-37	749
80-2449-AT-37	749
80-2467-BQ-37	743
80-2617-AT-37	731
80-2618-AT-37	731
80-2674-AT-37	751
80-2693-BQ-37	759
80-2694-BQ-37	759
80-2695-BQ-37	759
80-2696-BQ-37	743
80-2926-BP-37	773
80-2927-BP-37	773
80-3001-BP-37	782
80-3002-BP-37	782
80-3003-BP-37	782
80-3004-BP-37	782
80-3005-BP-37	782
80-3006-BP-37	782
80-3007-BP-37	782
80-3008-BP-37	782
80-3009-BP-37	782
80-3010-BP-37	782
80-3011-BP-37	782
80-3012-BP-37	776
80-3013-BP-37	776
80-3014-BP-37	776
80-3015-BP-37	776
80-3016-BP-37	776
80-3017-BP-37	776
80-3018-BP-37	776
80-3019-BP-37	776
80-3020-BP-37	776
80-3021-BP-37	776
80-3022-BP-37	776
80-3023-BQ-37	759
80-3025-BP-37	776
80-3026-BP-37	776
80-3027-BP-37	776
80-3028-BP-37	782
80-3029-BQ-37	745
80-3030-BQ-37	745
80-3031-BQ-37	745
80-3032-BQ-37	745
80-3033-BQ-37	745
80-3034-BQ-37	745
80-3039-BQ-37	745
80-3040-BQ-37	745
80-3041-BQ-37	745
80-3042-BP-37	776
80-3044-BS-37	739
80-3045-BS-37	739
80-3046-BS-37	739
80-3047-BS-37	739
80-3048-BS-37	739
80-3049-BS-37	739
80-3054-BS-37	739
80-3055-BS-37	739
80-3056-BS-37	739
80-3057-BS-37	739
80-3058-BS-37	739
80-3059-BS-37	739
80-3062-BQ-37	745
80-3063-BQ-37	745
80-3064-BQ-37	745
80-3065-BQ-37	745
80-3066-BQ-37	745
80-3067-BQ-37	745
80-3070-BQ-37	745
80-3071-AT-37	751
80-3072-AT-37	751
80-3073-AT-37	751
80-3074-AT-37	751
80-3075-AT-37	751
80-3076-AT-37	751
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80-3085-AT-37	751
80-3086-AT-37	751
80-3087-AT-37	751
80-3088-AT-37	751
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80-3090-AT-37	751
80-3091-AT-37	751
80-3092-AT-37	751
80-3093-AT-37	751
80-3094-AT-37	751
80-3095-AT-37	751
80-3096-AT-37	751
80-3097-AT-37	751
80-3098-AT-37	751
80-3125-AU-M2	793
80-3126-AU-M2	793
80-3127-AU-M2	793

Reference	Page
80-3129-AU-M2	793
80-3130-AU-M2	793
80-3131-AU-M2	793
80-3134-AU-M2	793
80-3135-AU-M2	793
80-3136-AU-M2	793
80-3138-AU-M2	793
80-3139-AU-M2	793
80-3141-AU-M2	793
80-3142-AU-M2	793
80-3143-AU-M2	793
80-3144-AU-M2	793
80-3146-AU-M2	793
80-3147-AU-M2	793
80-3149-AU-M2	793
80-3173-BP-37	782
80-3174-BP-37	782
80-3175-BP-37	782
80-3176-BP-37	782
80-3177-BP-37	782
80-3178-BP-37	782
80-3179-BP-37	776
80-3180-BP-37	776
80-3181-BP-37	776
80-3182-BQ-37	745
80-3183-BQ-37	745
80-3235-AT-37	733
80-3236-AT-37	733
80-3237-AT-37	733
80-3238-BS-37	737
80-3252-AT-37	751
80-3253-AT-37	751
80-3257-BP-37	777
80-3258-BP-37	777
80-3261-BP-37	783
80-3262-BP-37	783
80-3265-BP-37	789
80-3266-BP-37	789
80-3269-AU-M2	795
80-3270-AU-M2	795
80-3274-BQ-37	743
80-3275-BP-37	777
80-3276-BP-37	783
80-3277-BP-37	789
80-3278-AU-M2	795
80-4470-BP-37	788
80-4471-BP-37	788
80-4472-BP-37	788
80-4473-BP-37	788
80-4474-BP-37	788
80-4475-BP-37	788
80-4476-BP-37	788
80-4477-BP-37	788
80-4478-BP-37	788
80-4479-BP-37	788
80-4480-BP-37	788
80-4481-BP-37	788
80-4482-BP-37	788
80-4483-BP-37	788
80-4484-BP-37	788
80-4485-BP-37	788
80-4486-BP-37	788
80-4487-BP-37	788
80-4492-BP-37	788

Reference	Page
80-4494-BQ-37	760
80-4495-BQ-37	760
80-4496-BQ-37	760
80-4497-BQ-37	760
80-4498-BQ-37	760
80-4499-BQ-37	760
80-4500-BQ-37	760
80-4501-BQ-37	760
80-4502-BQ-37	760
80-4503-BQ-37	760
80-4504-BQ-37	760
80-4505-BQ-37	760
80-4506-BQ-37	760
80-4507-BQ-37	760
80-4508-BQ-37	760
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80-4510-BQ-37	760
80-4511-BQ-37	760
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80-4513-BQ-37	760
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80-4515-BQ-37	760
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80-4522-BQ-37	760
80-4523-BP-37	776
80-4524-BP-37	776
80-4525-BP-37	782
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80-4529-BP-37	773
80-4538-BP-37	779
80-4542-BP-37	779
80-4543-BP-37	779
80-4545-BP-37	782
80-4552-AU-M2	763
80-4553-AU-M2	763
80-4562-BP-37	773
80-4566-BP-37	773
80-4567-BP-37	773
80-4569-BP-37	788
80-4570-BP-37	788
80-4571-AU-M2	793
80-4572-AU-M2	793
80-4573-BQ-M2	755
80-4574-BQ-M2	755
80-4575-BQ-M2	755
80-4576-BQ-M2	755
80-4577-BQ-M2	755
80-4578-BQ-M2	755
80-4579-BQ-M2	755
80-4592-BP-37	776
80-4593-BP-37	776
80-4594-BP-37	776
80-4595-BP-37	782
80-4596-BP-37	782
80-4597-BP-37	782
80-4598-AT-37	751
80-4599-AT-37	751
80-4600-AT-37	751
80-4601-AT-37	751

Reference	Page
80-4602-BQ-37	760
80-4603-BQ-37	760
80-4604-BQ-37	760
80-4605-AU-M2	793
80-4606-AU-M2	793
80-4607-AU-M2	793
80-4610-BQ-37	743
80-4614-BQ-37	743
80-4615-BQ-37	743
80-4616-BQ-37	743
80-4618-BQ-37	759
80-4622-BQ-37	759
80-4623-BQ-37	759
80-4624-BQ-37	759
80-4626-BP-37	775
80-4627-BP-37	775
80-4628-BP-37	775
80-4629-BP-37	775
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80-4668-BP-37	781
80-4669-BP-37	781
80-4670-BP-37	781
80-4671-BP-37	781
80-4672-BP-37	787
80-4673-BP-37	787
80-4674-BP-37	787
80-4675-BP-37	787

Reference	Page
80-4676-BP-37	787
80-4677-BP-37	787
80-4678-BP-37	787
80-4679-BP-37	787
80-4680-BP-37	787
80-4681-BP-37	787
80-4682-BP-37	787
80-4683-BP-37	787
80-4684-BP-37	787
80-4685-BP-37	787
80-4686-BP-37	787
80-4687-BP-37	787
80-4688-BP-37	787
80-4689-BP-37	787
80-4690-BP-37	787
80-4691-BP-37	787
80-4692-BP-37	785
80-4697-BP-37	785
80-4698-BP-37	785
80-4700-AU-M2	794
80-4701-AU-M2	794
80-4702-AU-M2	794
80-4703-AU-M2	794
80-4704-AU-M2	794
80-4705-AU-M2	794
80-4706-AU-M2	794
80-4707-AU-M2	794
80-4708-AU-M2	794
80-4709-AU-M2	794
80-4710-AU-M2	794
80-4711-AU-M2	794
80-4712-AU-M2	794
80-4713-AU-M2	794
80-4714-AU-M2	794
80-4715-AU-M2	794
80-4716-AU-M2	794
80-4717-AU-M2	794
80-4718-AU-M2	794
80-4719-AU-M2	794
80-4720-AU-M2	794
80-4721-AU-M2	794
80-4722-AU-M2	794
80-4744-AT-37	731
80-4748-AT-37	731
80-4749-AT-37	731
80-4750-AT-37	731
80-4752-AT-37	731
80-4753-AT-37	731
80-4754-AT-37	731
80-4768-BQ-37	743
80-4769-BP-37	787
80-4771-AT-37	751
80-4772-BP-37	788
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80-4779-BP-37	776
80-4780-BP-37	776
80-4781-BP-37	776
80-4782-BP-37	776
80-4783-BP-37	776

Reference	Page
80-4784-BP-37	776
80-4786-BP-37	775
80-4787-BP-37	775
80-4788-BP-37	775
80-4789-BP-37	775
80-4790-BP-37	775
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80-4813-BP-37	787
80-4814-BP-37	787
80-4815-BP-37	787
80-4816-BP-37	787
80-4817-AU-M2	793
80-4818-AU-M2	793
80-4819-AU-M2	793
80-4820-AU-M2	793
80-4821-AU-M2	793
80-4822-AU-M2	793
80-4823-AU-M2	794
80-4824-AU-M2	794
80-4825-AU-M2	794
80-4826-AU-M2	794
80-4827-AU-M2	794
80-4828-AU-M2	794
80-4829-BS-37	739
80-4830-BS-37	739
80-4831-BS-37	739
80-4832-BS-37	739
80-4833-BS-37	739
80-4834-BS-37	739
80-4835-BQ-M2	755
80-4836-BQ-M2	755
80-4837-BQ-M2	755
80-4838-AT-37	751
80-4839-AT-37	751
80-4840-AT-37	751
80-4841-AT-37	751
80-4842-AT-37	751
80-4843-AT-37	751
80-8928-BP-37	779
80-8929-BP-37	779
80-8930-BP-37	785
80-8931-BP-37	785
80-8932-AU-M2	791
80-8933-AU-M2	791

Reference	Page
81-3123-BP-BP	805
81-3128-AU-AU	802
81-3132-AU-AU	802
81-3133-AU-AU	802
81-3137-AU-AU	806
81-3140-AU-AU	806
81-3145-BP-BP	804
81-3149-AV-AV	801
81-3151-AV-AV	801
81-3255-AV-AV	800
81-3256-AV-AV	800
81-3257-AV-AV	800
81-4531-BP-AV	803
81-4532-BP-AV	803
81-4533-BP-AV	803
81-4534-AV-AV	801
81-4535-AV-AV	801
81-4536-AV-AV	801
81-4537-AV-AV	801
81-4538-AV-AV	801
81-4552-AV-AV	765
81-4556-AV-AV	765
81-4557-AV-AV	765
81-4558-AV-AV	765
81-4768-AV-AV	800
82-3012-BP-BP	807
82-3029-BQ-BQ	807
82-3030-BQ-BQ	807
82-3124-BP-BP	807
83-3099-BB-M2	771
83-3101-BB-M2	771
83-3102-BB-M2	771
83-3103-BB-M2	771
83-3104-BB-M2	771
83-3105-BB-M2	771
83-3117-BB-M2	771
83-3118-BB-M2	771
83-3119-BB-M2	771
83-3184-BB-M2	771
83-3185-BB-M2	771
83-3186-BB-M2	771
83-3239-BB-M2	767
83-4580-BB-M2	769
83-4581-BB-M2	769
83-4582-BB-M2	769
83-4583-BB-M2	769
83-4584-BB-M2	769
83-4585-BB-M2	769
83-4586-BB-M2	769
83-4587-BB-M2	769
83-4588-BB-M2	769
83-4589-BB-M2	769
83-4590-BB-M2	769
83-4591-BB-M2	769
83-4608-BB-M2	769
83-4609-BB-M2	769
90-0713-14-M3	144
90-0713-N3-M3	144
90-0714-14-M3	144
90-0714-N3-M3	144
90-0723-14-M3	144
90-0723-N3-M3	144
90-0724-14-M3	144
90-0724-N3-M3	144

Reference	Page
90-0861-14-M3	145
90-0861-N3-M3	145
90-0907-14-M3	145
90-0907-N3-M3	145
90-0908-14-M3	145
90-0908-N3-M3	145
90-0931-14-M3	145
90-0931-N3-M3	145
90-1453-14-T2	154
90-1454-14-T2	154
90-1480-14-T2	154
90-1689-21-37	104, 436
90-1690-21-37	104, 436
90-1720-14-00	85
90-1722-14-00	85
90-1782-14-37	97
90-1783-14-M3	153
90-1784-14-M3	153
90-1785-14-M3	153
90-1789-21-37	104, 436
90-1792-21-37	104, 436
90-1809-14-00	85
90-1813-14-00	85
90-1884-S2-N3	114
90-1888-S2-N3	114
90-1893-S2-N3	115
90-1895-S2-N3	114
90-1898-S2-N3	114
90-1902-S2-N3	115
90-1914-S2-N3	114
90-1921-S2-N3	114
90-1922-S2-N3	115
90-1923-S2-N3	114
90-1924-S2-N3	114
90-1925-S2-N3	114
90-2023-14-M3	146
90-2023-N3-M3	146
90-2025-14-M3	146
90-2025-N3-M3	146
90-2027-14-M3	146
90-2027-N3-M3	146
90-2029-14-M3	146
90-2029-N3-M3	146
90-2064-14-M3	147
90-2064-N3-M3	147
90-2069-14-M3	147
90-2069-N3-M3	147
90-2073-14-M3	147
90-2073-N3-M3	147
90-2077-14-M3	147
90-2077-N3-M3	147
90-2501-14-00	162
90-2502-14-00	150
90-2520-14-37	57
90-2521-14-37	57
90-2522-14-37	57
90-2534-14-37	57
90-2556-14-37	57
90-2581-14-37	57
90-2582-14-37	57
90-2594-14-37	57

Reference	Page
90-2599-14-37	57
90-2605-14-37	57
90-2611-14-37	57
90-2613-14-37	57
90-2614-14-37	57
90-2615-14-37	57
90-2616-14-37	57
90-2899-14-M3	155
90-2902-14-00	83
90-2903-14-00	83
90-2977-14-37	143
90-2977-N3-37	143
90-2978-14-37	143
90-2978-N3-37	143
90-2979-14-37	143
90-2979-N3-37	143
90-2980-14-37	143
90-2980-N3-37	143
90-2981-14-00	138
90-2981-60-00	138
90-2982-14-00	138
90-2982-60-00	138
90-2983-14-00	138
90-2983-60-00	138
90-2984-14-00	138
90-2984-60-00	138
90-2985-14-37	139
90-2985-60-37	139
90-2986-14-37	139
90-2986-60-37	139
90-2987-14-37	139
90-2987-60-37	139
90-2988-14-37	139
90-2988-60-37	139
90-2989-14-37	139
90-2989-60-37	139
90-2990-14-37	139
90-2990-60-37	139
90-2991-14-37	138
90-2991-60-37	138
90-2992-14-37	138
90-2992-60-37	138
90-2993-14-37	138
90-2993-60-37	138
90-2994-14-37	138
90-2994-60-37	138
90-2995-14-37	138
90-2995-60-37	138
90-2996-14-37	138
90-2996-60-37	138
90-2997-14-37	138
90-2997-60-37	138
90-2998-14-37	138
90-2998-60-37	138
90-2999-14-37	138
90-2999-60-37	138
90-3000-14-37	138
90-3000-60-37	138
90-3204-14-37	138
90-3204-60-37	138
90-3207-14-37	138
90-3207-60-37	138
90-3208-14-37	139
90-3208-60-37	139

Reference	Page
90-3209-14-37	139
90-3209-60-37	139
90-3210-14-37	139
90-3210-60-37	139
90-3211-14-37	139
90-3211-60-37	139
90-3240-14-37	113
90-3240-N3-37	113
90-3241-14-37	113
90-3241-N3-37	113
90-3242-14-37	112
90-3242-N3-37	112
90-3243-14-37	112
90-3243-N3-37	112
90-3291-14-37	117
90-3291-N3-37	117
90-3292-14-37	117
90-3292-N3-37	117
90-3293-14-37	117
90-3293-N3-37	117
90-3294-14-37	117
90-3294-N3-37	117
90-3295-14-37	117
90-3295-N3-37	117
90-3296-14-37	117
90-3296-N3-37	117
90-3297-14-37	117
90-3297-N3-37	117
90-3298-14-37	117
90-3298-N3-37	117
90-3299-14-37	117
90-3299-N3-37	117
90-3475-14-14	87
90-3476-14-14	87
90-3476-14-N3	87
90-3477-14-14	87
90-3478-14-14	87
90-3478-14-N3	87
90-3489-54-S2	191
90-3490-54-S2	191
90-3501-14-37	117
90-3501-N3-37	117
90-3502-14-37	117
90-3502-N3-37	117
90-3503-14-37	117
90-3503-N3-37	117
90-3504-14-37	117
90-3504-N3-37	117
90-3505-14-37	117
90-3505-N3-37	117
90-3506-14-37	117
90-3506-N3-37	117
90-3507-14-37	117
90-3507-N3-37	117
90-3508-14-37	117
90-3508-N3-37	117
90-3509-14-37	117
90-3509-N3-37	117
90-3512-14-37	57
90-3513-14-37	57
90-3514-14-37	57
90-3521-14-37	143
90-3521-N3-37	143
90-3522-14-37	143

Reference	Page
90-3522-N3-37	143
90-3523-14-37	138
90-3523-60-37	138
90-3524-14-37	138
90-3524-60-37	138
90-3525-14-37	138
90-3525-60-37	138
90-3526-14-37	138
90-3526-60-37	138
90-3527-14-37	138
90-3527-60-37	138
90-3528-14-37	138
90-3528-60-37	138
90-3529-14-37	139
90-3529-60-37	139
90-3530-14-37	139
90-3530-60-37	139
90-3546-14-00	133
90-3546-60-00	133
90-3546-N3-00	133
90-3547-14-00	134
90-3547-60-00	134
90-3547-N3-00	134
90-3548-14-00	134
90-3548-60-00	134
90-3548-N3-00	134
90-3549-14-00	135
90-3549-60-00	135
90-3549-N3-00	135
90-3550-14-00	133
90-3550-60-00	133
90-3550-N3-00	133
90-4349-14-B9	105, 438
90-4350-05-05	105
90-4350-14-14	105
91-0150-00-00	218
91-0171-00-00	220
91-0175-00-00	220
91-2343-00-00	215
91-2353-00-00	215
91-2361-00-00	219
91-2365-00-00	219
91-2379-00-00	219
91-2488-00-00	218
91-2491-00-00	220
91-2492-00-00	213
91-3227-00-00	221
91-3228-00-00	221
91-3244-00-00	221
91-3245-00-00	221
91-3282-00-00	219
91-3408-54-M2	212
91-3411-54-M2	212
91-3419-00-00	216
91-3420-00-00	216
91-3473-00-00	214
91-4671-00-00	217
ACT-0065-14-00	119
ACT-0065-N3-00	119
ACT-0066-14-00	119
ACT-0066-N3-00	119
ACT-0067-14-00	119
ACT-0067-N3-00	119

Reference	Page
ACT-0068-14-00	119
ACT-0068-N3-00	119
ACT-0294-00-00	106
ACT-0364-00-00	205
ACT-0365-00-00	205
ACT-0451-00-00	70, 74, 75, 118, 125
ACT-0452-00-00	70, 74, 75, 118, 125
ACT-0453-00-00	70, 74, 75, 118, 125
ACT-0454-00-00	70, 74, 75, 118, 125
ACT-0455-60-00	74, 75
ACT-0803-00-00	870
ACT-0804-00-00	870
ACT-0808-00-00	870
ACT-9044-14-00	135
ACT-9044-60-00	135
ACT-9044-N3-00	135
ACT-9045-14-00	135
ACT-9045-60-00	135
ACT-9045-N3-00	135
ACT-9083-N3-00	175, 177
ACT-9090-14-00	175, 177
ACT-9090-N3-00	175, 177, 178
ACT-9091-N3-00	175, 177, 178
ACT-9092-00-00	175
ACT-9093-00-00	177, 178
ACT-9096-00-00	175
ACT-9097-00-00	177, 178
ACT-9105-14-00	73
ACT-9105-60-00	73
ACT-9106-14-00	73
ACT-9106-60-00	73
ACT-9110-14-B9	163
ACT-9110-N3-B9	163
ACT-9111-14-B9	163
ACT-9111-N3-B9	163
ACT-9112-14-B9	163
ACT-9112-N3-B9	163
ACT-9113-14-B9	163
ACT-9113-N3-B9	163
ACT-9114-00-00	175
ACT-9115-14-F1	163
ACT-9115-N3-F1	163
ACT-9116-14-F1	163
ACT-9116-N3-F1	163
ACT-9117-14-F1	163

Reference	Page
ACT-9117-N3-F1	163
ACT-9118-14-F1	163
ACT-9118-N3-F1	163
ACT-9119-14-H6	163
ACT-9119-N3-H6	163
ACT-9120-14-H6	163
ACT-9120-N3-H6	163
ACT-9121-14-H6	163
ACT-9121-N3-H6	163
ACT-9122-14-H6	163
ACT-9122-N3-H6	163
ACT-9127-08-00	50, 51, 53, 57, 58, 63, 65
ACT-9127-11-00	50, 51, 53, 57, 58, 63, 65
ACT-9127-24-00	50, 51, 53, 57, 58, 63, 65
ACT-9127-25-00	50, 51, 53, 57, 58, 63, 65
ACT-9131-08-00	50, 51, 53, 58, 63, 65, 70, 73, 74, 75, 89, 108, 118, 125, 128, 130, 135, 183
ACT-9131-11-00	50, 51, 53, 58, 63, 65, 70, 73, 74, 75, 89, 108, 118, 125, 128, 130, 135, 183

Reference	Page
ACT-9131-24-00	50, 51, 53, 58, 63, 65, 70, 73, 74, 75, 89, 108, 118, 125, 128, 130, 135, 183
ACT-9131-25-00	50, 51, 53, 58, 63, 65, 70, 73, 74, 75, 89, 108, 118, 125, 128, 130, 135
ACT-9135-60-00	50, 51, 53, 57, 58, 63, 65
ACT-9138-14-T2	165
ACT-9138-N3-T2	165
ACT-9139-14-T2	165
ACT-9139-N3-T2	165
ACT-9140-14-T2	165
ACT-9140-N3-T2	165
ACT-9141-14-T2	165
ACT-9141-N3-T2	165
ACT-9142-14-T2	165
ACT-9142-N3-T2	165
ACT-9143-14-T2	165
ACT-9143-N3-T2	165
ACT-9144-14-T2	165
ACT-9144-N3-T2	165
ACT-9145-14-T2	165
ACT-9145-N3-T2	165
ACT-9146-14-H6	165
ACT-9146-N3-H6	165
ACT-9147-14-H6	165
ACT-9147-N3-H6	165
ACT-9148-14-H6	165
ACT-9148-N3-H6	165
ACT-9149-14-H6	165
ACT-9149-N3-H6	165
ACT-9150-14-M1	175
ACT-9150-N3-M1	175
ACT-9151-14-M1	177
ACT-9151-N3-M1	177
ACT-9152-14-M1	175
ACT-9153-14-M1	177
ACT-9154-14-M1	175
ACT-9154-N3-M1	175
ACT-9155-14-M1	177
ACT-9155-N3-M1	177
ACT-9165-48-00	76
ACT-9171-14-T2	151
ACT-9171-N3-T2	151
ACT-9172-14-T2	151
ACT-9172-N3-T2	151
ACT-9173-14-H6	151
ACT-9173-N3-H6	151
ACT-9180-60-00	70, 118, 125
ACT-9181-14-00	70
ACT-9181-60-00	70
ACT-BAL-003	873
ACT-BAL-004	873
ACT-BAL-005	873
ACT-BAL-006	873
ACT-BAL-007	873
ACT-BAL-008	873
ACT-BAL-009	873
ACT-BAL-010	873
ACT-BAL-011	873
ACT-FLF-003	855
ACT-FLF-004	855
ACT-FLF-005	855
ACT-FLF-006	855
ACT-FLF-009	855
ACT-FLF-010	855
ACT-FLF-011	855
ACT-FLF-012	855
ACT-FLF-013	855
ACT-FLF-014	855
ACT-FLF-021	855
ACT-FLF-022	855
ACT-FLF-023	855
ACT-FLF-042	856
ACT-FLF-043	856
ACT-FLF-044	856
ACT-FLF-045	856
ACT-FLL-011	852
ACT-FLL-013	852
ACT-FLL-015	852
ACT-FLL-017	852
ACT-FLL-019	857
ACT-FLL-020	857
ACT-FLL-021	857
ACT-FLL-022	857
ACT-FLL-023	857
ACT-FLL-024	857
ACT-FLL-025	857
ACT-FLL-026	857
ACT-FLL-027	857
ACT-FLL-028	857
ACT-FLL-029	857
ACT-FLL-030	852
ACT-FLL-031	852
ACT-FLL-032	852
ACT-FLL-033	852
ACT-FLL-036	853
ACT-FLL-037	853
ACT-FLL-038	853
ACT-FLL-039	853
ACT-FLL-040	853
ACT-FLL-041	853
ACT-FLL-042	853
ACT-FLL-043	853
ACT-FLL-044	853
ACT-FLL-045	853
ACT-FLL-046	853
ACT-FLL-047	853
ACT-FLL-049	857
ACT-FLL-050	857
ACT-FLQ-001	856
ACT-FLQ-002	856
ACT-FLQ-003	856
ACT-FLQ-004	856
ACT-FLQ-005	856
ACT-FLQ-006	856
ACT-TRA-001	873
ACT-TRA-002	873
ACT-TRA-003	873
ACT-TRA-004	873
AD-0654-N3-00	178
AD-0656-N3-00	174
AD-0657-14-00	174
AD-0657-N3-00	174
AD-0658-N3-00	174
AD-0659-N3-00	174
AD-0660-14-00	174
AD-0660-N3-00	174
AD-0661-N3-00	174
AD-0662-N3-00	176
AD-0663-14-00	176
AD-0663-N3-00	176
AD-0664-N3-00	176
AD-0665-N3-00	176
AD-0666-14-00	176
AD-0666-N3-00	176
AD-0680-N3-00	174
AD-0681-14-00	174
AD-0681-N3-00	174
AD-0682-N3-00	174
AD-0683-N3-00	174
AD-0684-14-00	174
AD-0684-N3-00	174
AD-0685-N3-00	174
AD-0686-N3-00	176
AD-0687-14-00	176
AD-0687-N3-00	176
AD-0688-N3-00	176
AD-0689-N3-00	176
AD-0690-14-00	176
AD-0690-N3-00	176
AD-0691-N3-00	174
AD-0692-14-00	174
AD-0692-N3-00	174
AD-0693-N3-00	174
AD-0694-N3-00	174
AD-0695-14-00	174
AD-0695-N3-00	174
AD-0696-N3-00	174
AD-0697-N3-00	176
AD-0698-14-00	176
AD-0698-N3-00	176
AD-0699-N3-00	176
AD-0700-N3-00	176
AD-0701-14-00	176
AD-0701-N3-00	176
CR-0323-14-00	76
CR-0323-60-00	76
CR-0323-N3-00	76
CR-0324-14-00	76
CR-0324-60-00	76
CR-0324-N3-00	76
CR-0325-14-00	77
CR-0325-60-00	77
CR-0326-14-00	77
CR-0326-60-00	77
CR-0327-14-00	77
CR-0327-60-00	77
CR-0328-14-00	77
CR-0328-60-00	77
CR-0329-14-00	77
CR-0329-60-00	77
CR-0331-14-00	77
CR-0331-60-00	77
CR-0332-14-00	77
CR-0332-60-00	77
CR-0333-14-00	77
CR-0333-N3-00	77
CR-0334-14-00	77
CR-0334-N3-00	77
CR-0335-00-00	77
CR-0336-14-00	77
CR-0336-N3-00	77
CR-0337-14-00	76
CR-0337-60-00	76
CR-0337-N3-00	76
CR-0338-14-00	76
CR-0338-60-00	76
CR-0338-N3-00	76
DF-20	846
DF-25	846
DF-50-A	847
DF-50-B	847
DF-50-C	847
DM-0048-N3-00	93
DM-0049-N3-00	93
DM-0050-N3-00	93
DM-0053-14-00	129
DM-0053-N3-00	129
DM-0054-14-00	129
DM-0054-N3-00	129
DM-0055-14-00	129
DM-0055-N3-00	129
DM-0056-14-00	129
DM-0056-N3-00	129
DM-0061-14-00	128
DM-0061-N3-00	128
DM-0062-14-00	128
DM-0062-N3-00	128
DM-0063-14-00	128
DM-0063-N3-00	128
DM-0064-14-00	128
DM-0064-N3-00	128
DM-0081-14-00	130
DM-0081-60-00	130
DM-0082-14-00	130
DM-0082-60-00	130
DM-0083-14-00	130
DM-0083-60-00	130
DM-0084-14-00	130

Reference	Page
DM-0084-60-00	130
DM-0093-14-00	131
DM-0093-60-00	131
DM-0094-14-00	131
DM-0094-60-00	131
DM-0095-14-00	131
DM-0095-60-00	131
DM-0096-14-00	131
DM-0096-60-00	131
DM-1100-14-00	133
DM-1100-60-00	133
DM-1100-N3-00	133
DM-1101-14-00	134
DM-1101-60-00	134
DM-1101-N3-00	134
DM-1102-14-00	134
DM-1102-60-00	134
DM-1102-N3-00	134
DM-1103-14-00	135
DM-1103-60-00	135
DM-1103-N3-00	135
DM-1105-N3-00	93
DM-1106-N3-00	93
DM-1107-14-00	91
DM-1107-N3-00	91
DM-1150-14-00	133
DM-1150-60-00	133
DM-1150-N3-00	133
DM-1151-14-00	133
DM-1151-60-00	133
DM-1151-N3-00	133
DM-1155-14-00	128
DM-1155-N3-00	128
DM-1156-14-00	128
DM-1156-N3-00	128
DM-1157-14-00	128
DM-1157-N3-00	128
DM-1158-14-00	128
DM-1158-N3-00	128
DM-1159-14-00	130
DM-1159-60-00	130
DM-1160-14-00	130
DM-1160-60-00	130
DM-1161-14-00	130
DM-1161-60-00	130
DM-1162-14-00	130
DM-1162-60-00	130
DN-0269-14-00	119
DN-0269-N3-00	119
DN-0270-14-00	118
DN-0270-N3-00	118
DN-0273-14-00	118
DN-0273-N3-00	118
DN-0274-14-00	118
DN-0274-N3-00	118
DN-0275-14-00	118
DN-0275-N3-00	118
DN-0276-N3-B9	167
DN-0289-N3-00	194
DN-0290-N3-00	194
DN-0472-S2-00	193
DN-0511-S2-00	193
DN-0512-N3-00	193
DN-0520-14-00	103
DN-0520-N3-00	103
DN-0520-S2-00	103
DN-0521-14-00	102
DN-0521-N3-00	102
DN-0521-S2-00	102
DN-0522-14-00	102
DN-0522-N3-00	102
DN-0522-S2-00	102
DN-0525-14-00	102
DN-0525-S2-00	102
DN-0526-14-00	102
DN-0526-S2-00	102
DN-0527-14-00	103
DN-0527-S2-00	103
DN-0610-14-00	103
DN-0610-N3-00	103
DN-0750-N3-B9	167
DN-1003-14-B9	106
DN-1003-N3-B9	106
DN-1003-S2-B9	106
DN-1009-14-B9	106
DN-1009-N3-B9	106
DN-1009-S2-B9	106
DN-1012-14-B9	106
DN-1012-S2-B9	106
DN-1016-14-B9	106
DN-1016-S2-B9	106
DN-1301-14-00	108
DN-1301-J2-00	108
DN-1302-14-00	108
DN-1302-J2-00	108
DN-1303-14-00	109
DN-1303-J2-00	109
DN-1304-14-00	109
DN-1304-J2-00	109
DN-1305-14-00	108
DN-1305-J2-00	108
DN-1400-14-00	152
DN-1400-N3-00	152
DN-1401-14-00	152
DN-1401-N3-00	152
DN-1402-14-00	152
DN-1402-N3-00	152
DN-1403-14-00	152
DN-1403-N3-00	152
DN-1405-14-00	152
DN-1405-N3-00	152
DN-1406-14-00	152
DN-1406-N3-00	152
DN-1407-14-00	152
DN-1407-N3-00	152
DN-1408-14-00	152
DN-1408-N3-00	152
DN-1409-14-00	152
DN-1409-N3-00	152
DN-1410-14-00	152
DN-1410-N3-00	152
DN-1600-14-00	89
DN-1601-14-00	89
DN-1602-14-00	89
DN-1603-14-00	89
DN-1620-14-00	162
DN-1640-14-T2	107
DN-1640-60-T2	107
DN-1640-N3-T2	107
DN-1640-S2-T2	107
DN-1641-14-T2	107
DN-1641-60-T2	107
DN-1641-N3-T2	107
DN-1641-S2-T2	107
DN-1643-14-T2	107
DN-1643-60-T2	107
DN-1643-N3-T2	107
DN-1643-S2-T2	107
DN-1644-14-T2	107
DN-1644-60-T2	107
DN-1644-N3-T2	107
DN-1644-S2-T2	107
DN-1650-14-00	108
DN-1650-J2-00	108
DN-1651-14-00	89
DN-1652-14-00	118
DN-1652-N3-00	118
DN-1653-14-00	118
DN-1653-N3-00	118
DN-1662-14-00	164
DN-1663-14-00	164
DN-1666-14-00	164
DN-1667-14-00	164
DN-1680-14-00	150
DN-1695-14-00	94
DN-1695-S2-00	94
DN-1696-14-00	94
DN-1696-S2-00	94
DN-1697-14-00	95
DN-1697-S2-00	95
DN-1698-14-00	95
DN-1698-S2-00	95
EP-0344-N3-XY	207
EP-0345-N3-00	207
EP-0346-N3-XY	207
EP-0347-N3-00	207
EP-0348-14-XY	205
EP-0348-N3-XY	205
EP-0349-14-XY	205
EP-0349-N3-XY	205
EP-0356-14-00	205
EP-0356-N3-00	205
EP-0506-00-B9	194
EP-1615-14-00	178
EP-1617-14-00	174
EP-1618-14-00	174
EP-1619-14-00	174
EP-1620-14-00	174
EP-1621-14-00	174
EP-1622-14-00	174
EP-1623-14-00	176
EP-1624-14-00	176
EP-1625-14-00	176
EP-1626-14-00	176
EP-1627-14-00	176
EP-1640-14-00	174
EP-1641-14-00	174
EP-1642-14-00	174
EP-1643-14-00	174
EP-1644-14-00	174
EP-1645-14-00	174
EP-1646-14-00	176
EP-1647-14-00	176
EP-1648-14-00	176
EP-1649-14-00	176
EP-1650-14-00	176
EP-1651-14-00	174
EP-1652-14-00	174
EP-1653-14-00	174
EP-1654-14-00	174
EP-1655-14-00	174
EP-1656-14-00	174
EP-1657-14-00	176
EP-1658-14-00	176
EP-1659-14-00	176
EP-1660-14-00	176
EP-1661-14-00	176
EP-1665-14-XY	205
ID-4	844
ID-5	844
ID-6	844
ID-10	845
ID-762	845
LT-20	843
NO-1	838
NO-2	838
NO-3	838
NO-4	839
NO-5	839
NO-6	839
NO-7	839
OC-12	840
OC-1875	840
OC-3125-A	841
OC-3125-B	841
OD-10	842
OD-16	842
OD-20	842
PAN-146-20	476
PAN-146-AJ	476
PAN-151-20	324
PAN-153-20	323
PAN-155-20	325
PAN-157-14	272
PAN-157-BY	272
PAN-158-J6	272
PAN-159-14	272
PAN-159-BY	272
PAN-160-J6	272
PAN-161-14	272
PAN-161-BY	272
PAN-162-J6	272
PAN-166-20	321
PAN-169-14	272
PAN-175-14	272
PAN-175-BY	272
PAN-176-14	272
PAN-176-BY	272
PAN-177-14	272
PAN-177-BY	272
PAN-178-14	272
PAN-178-BY	272
PAN-179-14	272
PAN-179-BY	272
PAN-180-14	272
PAN-180-BY	272

Reference	Page
PAN-181-14	272
PAN-181-BY	272
PAN-182-14	272
PAN-182-BY	272
PAN-182-T001	272
PAN-183-14	272
PAN-183-BY	272
PAN-183-T001	272
PAN-184-14	272
PAN-184-BY	272
PAN-185-J6	272
PAN-186-20	272
PAN-187-20	272
PAN-189-20	272
PAN-194-AJ	272
PAN-198-V7	272
PAN-199-V7	272
PAN-219-05	272
PAN-219-14	272
PAN-220-V7	272
PAN-221-V7	272
PR-0019-N3-00	74
PR-0020-N3-00	74
PR-0382-N3-00	75
PR-0383-N3-00	75
PR-0384-N3-00	75
PR-0385-N3-00	75
PR-0915-14-00	63
PR-0915-60-00	63
PR-0915-N3-00	63
PR-0916-14-00	63
PR-0916-60-00	63
PR-0916-N3-00	63
PR-0917-14-00	63
PR-0917-60-00	63
PR-0917-N3-00	63
PR-0918-14-00	63
PR-0918-60-00	63
PR-0918-N3-00	63
PR-0919-14-00	63
PR-0919-60-00	63
PR-0919-N3-00	63
PR-0920-14-00	63
PR-0920-60-00	63
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PR-0921-14-00	63
PR-0921-60-00	63
PR-0921-N3-00	63
PR-0922-14-00	63
PR-0922-60-00	63
PR-0922-N3-00	63
PR-0923-14-00	63
PR-0923-60-00	63
PR-0923-N3-00	63
PR-0924-14-00	65
PR-0924-60-00	65
PR-0924-N3-00	65
PR-0925-14-00	65
PR-0925-60-00	65
PR-0925-N3-00	65
PR-0926-14-00	65
PR-0926-60-00	65
PR-0926-N3-00	65
PR-0927-14-00	65

Reference	Page
PR-0927-60-00	65
PR-0927-N3-00	65
PR-0928-14-00	65
PR-0928-60-00	65
PR-0928-N3-00	65
PR-0929-14-00	65
PR-0929-60-00	65
PR-0929-N3-00	65
PR-0930-14-00	65
PR-0930-60-00	65
PR-0930-N3-00	65
PR-0931-14-00	65
PR-0931-60-00	65
PR-0931-N3-00	65
PR-0932-14-00	65
PR-0932-60-00	65
PR-0932-N3-00	65
PR-0936-N3-00	75
PR-0937-N3-00	75
PR-0940-14-00	63
PR-0940-60-00	63
PR-0940-N3-00	63
PR-0941-14-00	65
PR-0941-60-00	65
PR-0941-N3-00	65
PR-0944-N3-00	74
PR-0945-N3-00	74
PR-0946-14-00	70
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PR-0947-14-00	70
PR-0947-60-00	70
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PR-0960-14-37	71
PR-0960-60-37	71
PR-0961-14-37	71
PR-0961-60-37	71
PR-0975-14-00	64
PR-0975-60-00	64
PR-0975-N3-00	64
PR-0976-14-00	64
PR-0976-60-00	64

Reference	Page
PR-0976-N3-00	64
PR-0977-14-00	64
PR-0977-60-00	64
PR-0977-N3-00	64
PR-0978-14-00	64
PR-0978-60-00	64
PR-0978-N3-00	64
PR-0979-14-00	64
PR-0979-60-00	64
PR-0979-N3-00	64
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PR-0984-14-00	64
PR-0984-60-00	64
PR-0984-N3-00	64
PR-0985-14-00	64
PR-0985-60-00	64
PR-0985-N3-00	64
PR-0986-14-00	64
PR-0986-60-00	64
PR-0986-N3-00	64
PR-0987-14-00	64
PR-0987-60-00	64
PR-0987-N3-00	64
SP-0105-N3-00	183
SP-1810-N3-00	183

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Debido a la constante evolución tecnológica del LED, los productos que incluyen esta fuente de luz pueden experimentar variaciones en sus características técnicas con el objetivo de poder ofrecer siempre las máximas prestaciones en nuestros productos.

Due to the constant evolution of LED technology, those products which contain this light source can vary in their technical characteristics so as to ensure that we can always offer maximum product performance.

En raison de l'évolution constante de la technologie LED, les produits dotés de cette source lumineuse peuvent connaître des variations dans leurs caractéristiques techniques, en vue de toujours en optimiser les prestations.

Aufgrund der kontinuierlichen Fortschritte bei der LED-Technik, mit denen wir sicherstellen, dass wir stets Artikel auf dem neusten Stand der Technik liefern, können sich die Merkmale der Produkte dieser Lichtquelle ändern.

A causa della costante evoluzione tecnologica del LED, i prodotti che contengono questa fonte di luce possono subire variazioni nelle loro caratteristiche tecniche con l'obiettivo di offrire sempre massime prestazioni.

Devido à constante evolução tecnológica do LED, os produtos que incluem esta fonte de luz podem apresentar variações nas suas características técnicas com o objetivo de garantir sempre o máximo desempenho dos nossos produtos.

В силу постоянного технологического прогресса в области производства светодиодов, технические характеристики нашей продукции, в которой используется этот источник света, могут претерпевать изменения, всегда с целью обеспечения наилучших потребительских свойств..

Z uwagi na ciągły rozwój technologiczny LED, produkty które zawierają to źródło światła mogą ulegać zmianom pod względem właściwości technicznych, tak aby móc zawsze oferować maksymalną ilość świadczeń w naszych produktach.

OTHER LEDS-C4 CATALOGUES



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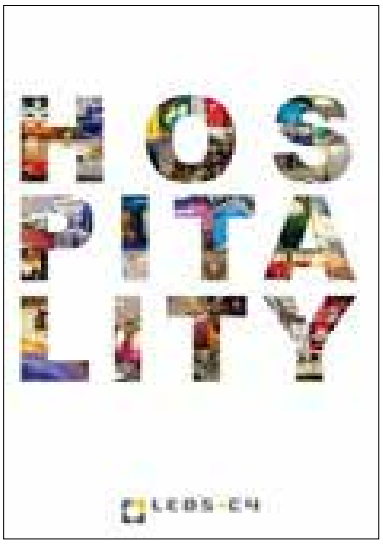

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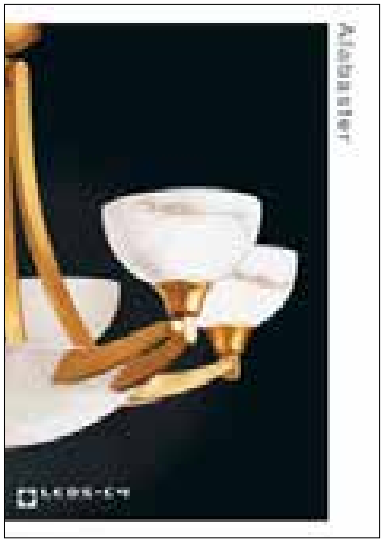

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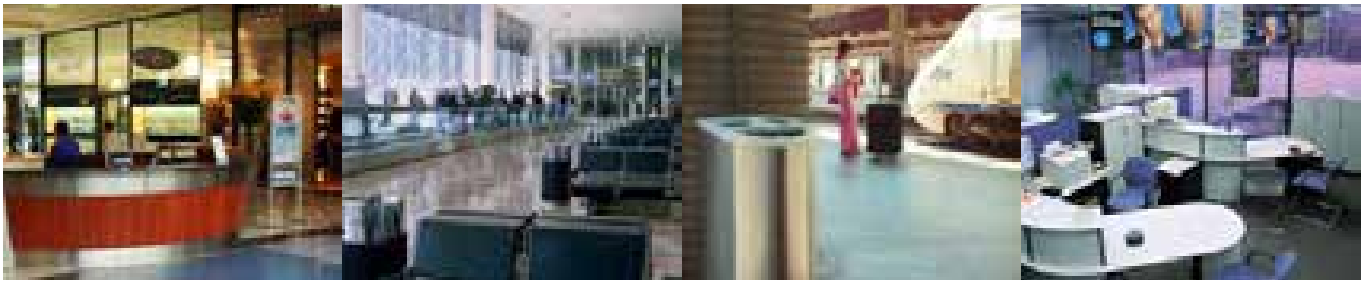

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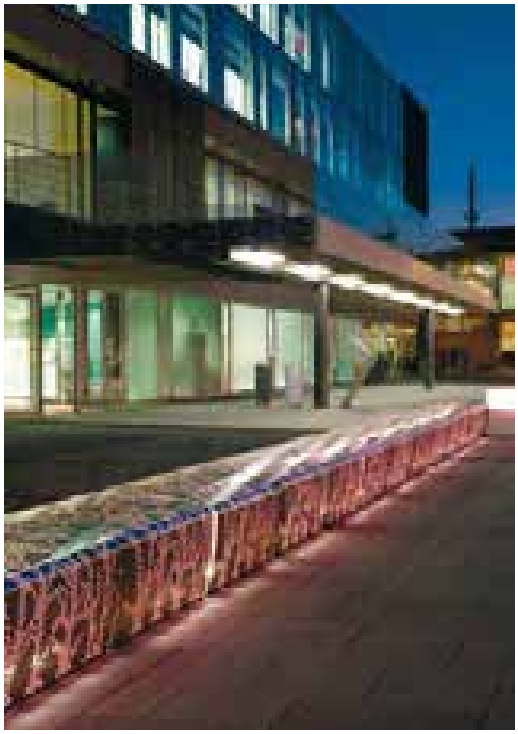

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