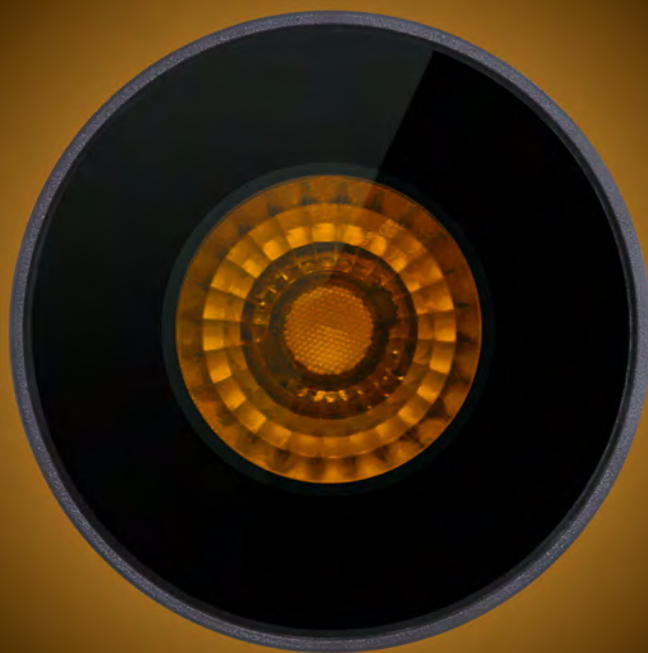






CAT 2018



1991



TORNAMOS A EXCLUSIVIDADE ACESSÍVEL

A marca LUMITEK foi fundada em 1991 por uma equipa apaixonada, dedicada e com um claro entendimento da iluminação e da qualidade.

A LUMITEK tem o poder de transformar projetos, fornecendo soluções de iluminação de acordo com as últimas tendências. Cobrimos todos os aspetos da iluminação comercial, residencial e exterior.

A LUMITEK oferece uma seleção verdadeiramente diversificada de designs minimalistas e elegantes, oferecendo soluções de iluminação completas ao mesmo tempo que mantém a competitividade.

O nosso compromisso é oferecer soluções inovadoras e os produtos de consumo mais adequados que marquem realmente a diferença para os nossos parceiros em todo o mundo. Acreditamos que a melhor forma de o fazer é através de uma compreensão profunda das necessidades e desejos das pessoas.

Todos os produtos LUMITEK cumprem os regulamentos vigentes na UE, incluindo as certificações LVD, EMC, RoHS e CE, o que permite que todos os nossos clientes se sintam confiantes sabendo que estão a adquirir produtos seguros e fiáveis.



MAKING UNIQUENESS AFFORDABLE

The LUMITEK brand was founded in 1991 by a passionate and dedicated team with a clear understanding of lighting and quality.

LUMITEK has the power to transform projects by providing lighting solutions that are in line with the latest trends. We cover all aspects of commercial, hospitality and outdoor lighting.

LUMITEK offers a truly diverse choice of minimalist and elegant designs, providing complete lighting solutions while maintaining competitiveness.

We are committed to delivering innovative solutions and the most appropriate consumer products which will make a real difference to our partners across the globe. We believe the best way to do this is through in-depth understanding of people's needs and desires.

All LUMITEK products comply with current EU regulations including LVD, EMC, RoHS and CE certification, enabling all our customers to feel secure in the knowledge that they are purchasing safe and reliable products.



2018

RENDRE L'EXCLUSIVITÉ ACCESSIBLE

La marque LUMITEK a été fondée en 1991 par une équipe passionnée et dédiée ayant une compréhension limpide sur l'éclairage et la qualité.

LUMITEK a le pouvoir de transformer des projets en fournissant des solutions d'éclairage qui sont en phase avec les dernières tendances. Nous couvrons tous les secteurs de la publicité, hôtellerie et éclairage extérieur. LUMITEK offre un choix réellement diversifié de designs minimalistes et élégants, fournissant des solutions complètes pour l'éclairage tout en maintenant sa compétitivité.

Notre engagement est de fournir des solutions innovantes et des produits de consommations les plus adaptés possibles pour réaliser une réelle différence chez nos partenaires à travers le monde. Nous croyons que le meilleur moyen de le faire est à travers une profonde compréhension des besoins et des désirs des personnes.

Tous les produits LUMITEK sont conformes aux réglementations actuelles de l'Union Européenne y compris LVD, EMC, RoHS et la certification CE, permettant à tous nos clients de se sentir en sécurité en sachant qu'ils achètent des produits sûrs et fiables.

HACEMOS ASEQUIBLE LA EXCLUSIVIDAD

La marca LUMITEK fue fundada en 1991 por un equipo apasionado y dedicado con una clara comprensión de la iluminación y la calidad.

LUMITEK tiene el poder de transformar proyectos suministrando soluciones de iluminación que están en línea con las últimas tendencias. Cubrimos todos los aspectos de iluminación comercial, de hostelería y en exteriores.

LUMITEK ofrece una selección realmente amplia de diseños minimalistas y elegantes que brindan soluciones de iluminación completas mientras mantienen la competitividad. Nuestro compromiso es ofrecer soluciones innovadoras y los productos de consumo más adecuados que marquen realmente la diferencia para nuestros socios de todo el mundo. Creemos que la mejor forma de hacerlo es mediante la comprensión profunda de las necesidades y deseos de la gente.

Todos los productos LUMITEK cumplen con la normativa actual de la UE, incluyendo las certificaciones LVD, EMC, RoHS y CE, para que nuestros clientes se sientan seguros sabiendo que están comprando productos seguros y fiables.





INTRODUÇÃO

INTRODUCTION | INTRODUCTION | INTRODUCCIÓN

SOBRE NÓS | ABOUT US | À PROPOS DE NOUS | SOBRE NOSOTROS

PAG. 2-3

QUALIDADE E GARANTIA | QUALITY AND WARRANTY | QUALITÉ ET GARANTIE | CALIDAD Y GARANTIA

PAG. 6-7

VERSATIS

PAG. 8-9

ÍNDICE FIGURATIVO | IMAGE INDEX | INDEX FIGURATIVE | ÍNDICE FIGURATIVO

PAG. 10-13

GUIA DE CONSULTA | CONSULT GUIDE | GUIDE DE CONSULTATION | GUÍA DE CONSULTA

PAG. 14-15

ILUMINAÇÃO INTERIOR

INDOOR LIGHTING | ÉCLAIRAGE INTÉRIEUR | ILUMINACIÓN INTERIOR

PAG. 16-141

ILUMINAÇÃO EXTERIOR

OUTDOOR LIGHTING | ÉCLAIRAGE EXTÉRIEUR | ILUMINACIÓN EXTÉRIEUR

PAG. 142-191

ÍNDICE ICONOGRÁFICO & INFORMAÇÕES TÉCNICAS

ICONOGRAPHIC INDEX | INDICE ICONOGRAPHIQUE | ÍNDICE ICONOGRÁFICO

PAG. 192-203

TECHNICAL INFORMATION | INFORMATION TECHNIQUE | INFORMACIONES TÉCNICAS

PAG. 204-209

ÍNDICE ALFABÉTICO

ALPHABETICAL INDEX | INDICE ALPHABÉTIQUE | ÍNDICE ALFABÉTICO

PAG. 212-215



Qualidade

Os produtos Lumitek apresentados neste catálogo estão fabricados mediante a Norma Europeia 60598-1. Submetidos aos mais rigorosos ensaios técnicos e controle de qualidade, garantimos aos nossos clientes produtos de excelente qualidade. A política de aperfeiçoamento contínuo dos nossos produtos, reserva-nos o direito de modificar, suprimir ou ampliar a nossa gama de artigos sem aviso prévio, sem que isso seja motivo de qualquer tipo de reclamação.

Garantia

Todos os aparelhos de iluminação Lumitek, possuem uma garantia de 2 anos a serem contabilizados após data de emissão da factura. Durante este período de garantia serão substituídos sem qualquer encargo, todas as luminárias que apresentem sinais de defeito inerentes ao seu fabrico. Ficam excluídos deste período de garantia os defeitos e deteriorações causadas pelo desgaste ou utilização, assim como manutenção defeituosa e aplicação indevida. A Lumitek, declina todas as responsabilidades pelos problemas causados pelo não cumprimento das normas de instalação recomendadas. A Lumitek não poderá ser responsabilizada por problemas que possam advir de uma má utilização e/ou aplicação, resultado do desconhecimento técnico do instalador.

Quality

The lumitek products comply the European Standard 60598-1. They are subject to the most rigorous technical tests and quality control, thus guarantying to our clients products of excellent quality.

The policy of continuous improvement of our products, reserves us the right to modify, eliminate or expand our range of products without previous notice, and without this being any cause for complaint.

Guarantee

All luminaries from Lumitek are warranted for two (2) years starting after the invoice date. During this warranty period all the luminaries presenting signs of defects inherent to their manufactures will be replaced at no charge. Excluded from this warranty period are all defects and damages caused by wear or use, and defective and/or misapplication maintenances.

Lumitek will not be liable for problems which may arise from misuse and/or wrong application, resulting from wrong use or installation work from the installer.

The images and technical drawings in this catalogue have only illustration purposes.



Qualité

Les produits Lumitek sont conformes avec la Norme Européenne 60598-1, et sont soumis à des tests plus rigoureux de contrôle et de qualité technique, pour qu'on puisse garantir à nos clients des produits d'excellente qualité. La politique d'amélioration continue de nos produits, nous réserve le droit de modifier, supprimer ou élargir notre gamme de produits sans préavis, et sans que cela soit soumise à toute sorte de réclamation.

Garantie

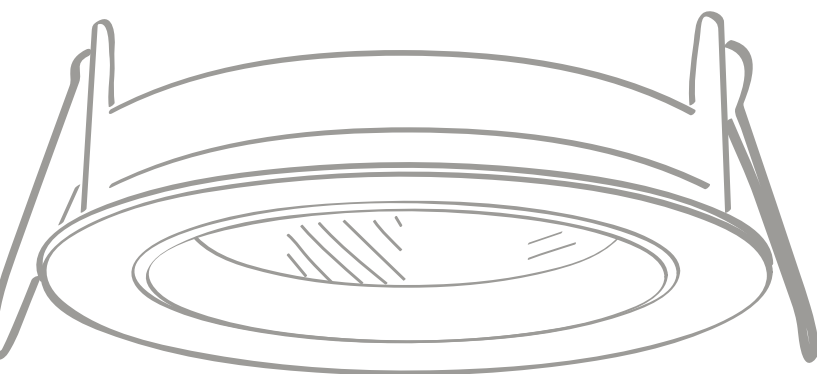
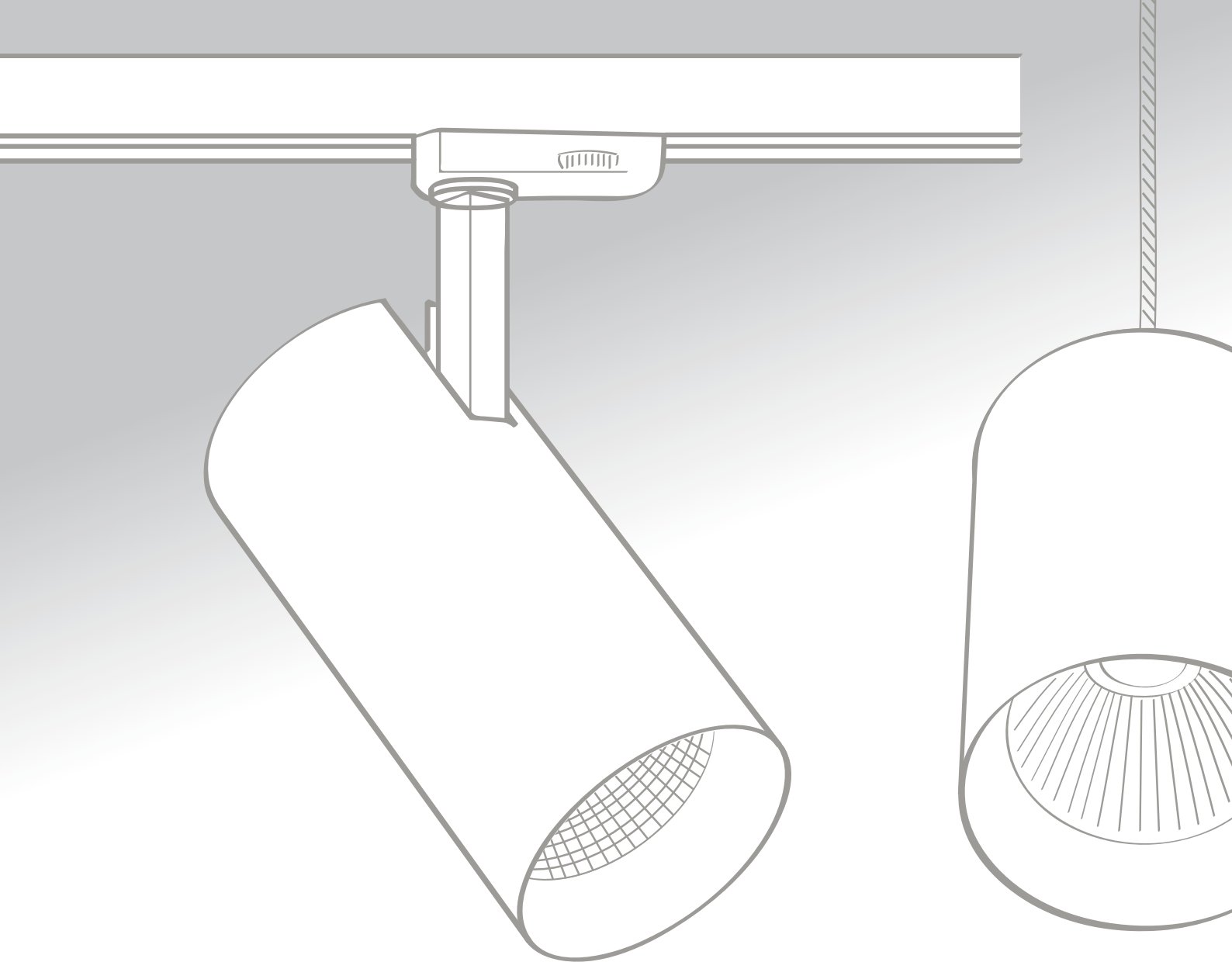
Tous les luminaires Lumitek, sont garantis pendant 2 (deux) ans, après la date d'émission de la facture. Pendant la période de garantie seront remplacés sans frais, tous les luminaires présentant des signes de défaut inhérent à sa fabrication. Sont exclus de cette période de garantie tous les défauts et dommages résultant de l'usure ou utilisation, et aussi d'entretien défectueux et/ou d'une mauvaise utilisation. Lumitek ne sera pas responsable des problèmes qui peuvent résulter d'une utilisation abusive et/ou application, résultant d'une mauvaise application des techniques d'installation.

Calidad

Los productos Lumitek que presentamos en este catálogo son fabricados de acuerdo con la Norma Europea 60598. Sometidos a los más rigurosos ensayos técnicos y control de calidad, garantizamos a nuestros clientes productos de excelente calidad. La política de mejora continua de nuestros productos, nos reserva el derecho de modificar, eliminar o ampliar nuestra gama de productos sin aviso previo, sin que eso sea motivo de cualquier tipo de reclamación.

Garantía

Todos los aparatos de iluminación Lumitek, tienen una garantía de 2 años, que son contabilizados a partir de la fecha de emisión de la factura. Durante este período de garantía serán substituidos sin cualquier costo, todas las luminarias que presenten señales de defecto inherentes a su fabricación. Están excluidos de este período de garantía los defectos y deterioros causados por el desgaste o utilización, así como el mantenimiento defectuoso o su aplicación indebida. La marca Lumitek no podrá ser responsabilizada por problemas que puedan resultar de una utilización y/o aplicación inadecuada, resultante del desconocimiento técnico del instalador.



Le monde du design d'intérieur est fait d'extrêmes. Exclusif d'un côté, pour les masses d'un autre. VERSATIS est assez original car elle se place entre ces deux-là. VERSATIS est une gamme de la marque LUMITEK qui rend le 'être unique' accessible. Car nous savons que c'est à travers des petits détails que le design d'intérieur rend les ambiances uniques. Et cela est différent pour tous. Sommes-nous différents? Un peu.

El mundo del diseño de interiores es de extremos. Exclusivo por un lado y para las masas por otro. VERSATIS es bastante original porque se posiciona entre ambos. VERSATIS es una gama de la marca LUMITEK que hace accesible el "ser único". Porque sabemos que, con los pequeños detalles, el diseño de interiores crea ambientes únicos. Y eso es diferente para todos. ¿Somos diferentes? Un poco.

VER

VERSATIS-T
p. 55



VERSATIS-RS
P. 101



VERSATIS-SP
P. 125



VERSATIS-S
P. 121



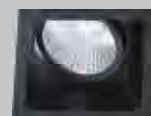
VERSATIS-P
P. 123



VERSATIS-RD
P. 99

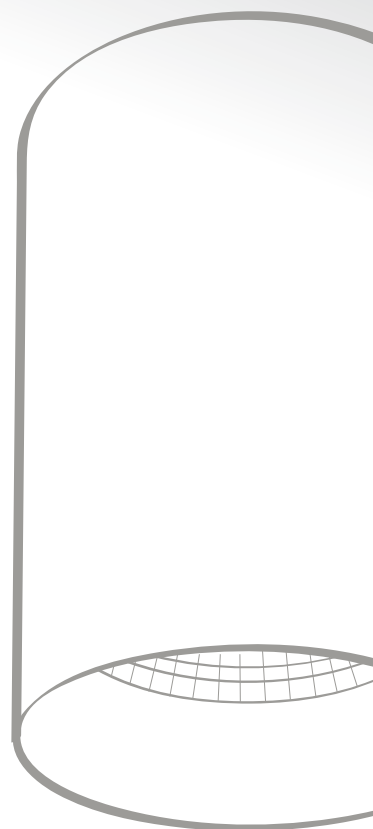
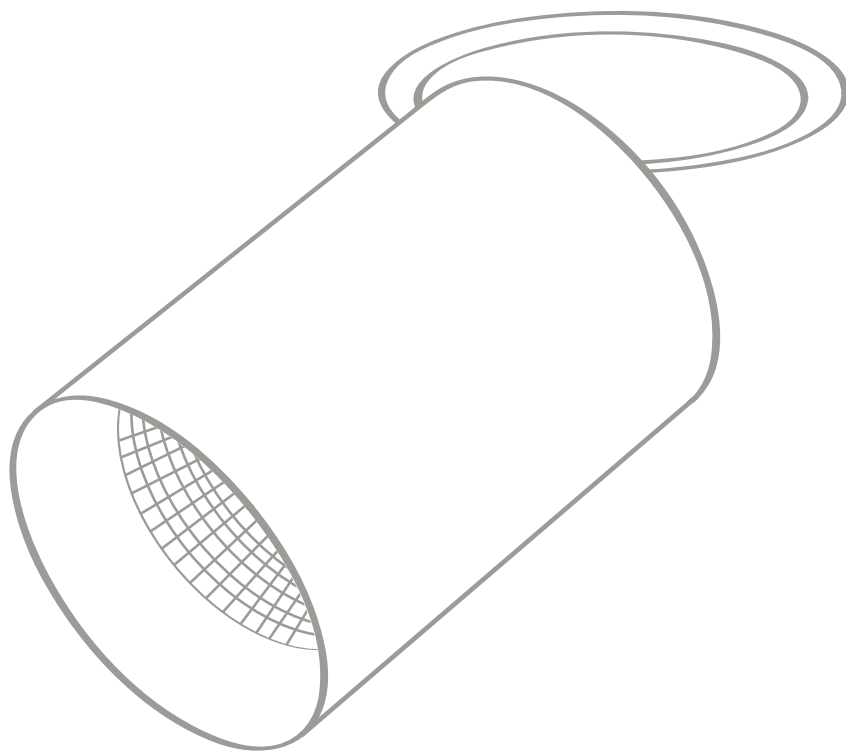


VERSATIS-SQ
P. 109



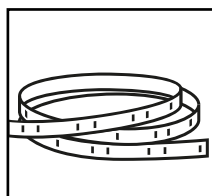
O mundo do design de interiores é de extremos. Exclusivo por um lado, para as massas por outro. VERSATIS é bastante original porque se posiciona entre esses dois. VERSATIS é uma gama da marca LUMITEK que torna 'ser único' acessível. Porque sabemos que é através dos pequenos detalhes que o design de interiores torna únicos os ambientes. E isso é diferente para todos. Somos diferentes? Um pouco.

The world of interior design is one of extremes. Exclusive on the one hand, and for the masses on the other. VERSATIS is original because it is positioned between these two. VERSATIS is a range of the LUMITEK brand that makes uniqueness affordable. Because we know that it is with small details that interior design creates unique ambiances. And that is different for everyone. We are different? A little.

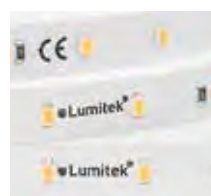


SATIS

FITA LED E PERFÍS DE ALUMÍNIO
LED STRIP AND ALUMINIUM PROFILE
RUBAN LED ET PROFIL D'ALUMINIUM
FITA LED Y PERFIL DE ALUMINIO



FLEXISTRIP 23W 21



FLEXISTRIP 14,4W 23



FLEXISTRIP 9,6W 25



FLEXISTRIP 4,8W 27



CONFORSTRIP 14,4W 29



FLEXIPROOF 14,4W IP65 31



FLEXIPROOF 9,6W IP65 33



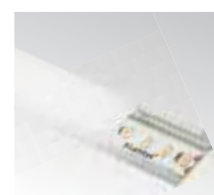
COLORSTRIP 14,4W 35



COLORSTRIP 14,4W IP65 37



COLORSTRIP+W 14,4W 39



ALUPRO 40



BLUETOOTH CONTROL 41

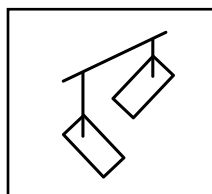


RF CONTROL 43



POWER 45

SISTEMA CARRIL
TRACK SYSTEM
SYSTÈME DE RAILS
SISTEMAS DE CARRIL



VERSATIS-T 55



NOVUN-T 57



HAGO 111 61



HAGO LED 59



MIRA 63



MOSS 65



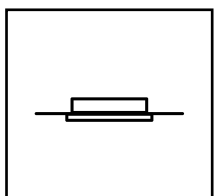
CARRIL C3 49



CARRIL C3-RCS 51



CARRIL C1 53



ARY 69



BEAM 71



D-LIGHT 73



TETO SPOTS E DOWNLIGHTS
SPOTS AND DOWNLIGHTS (RECESSED)
SPOTS AND DOWNLIGHTS (ENCASTRÉ)
LUMINARIAS (EMPOTRADAS)



DEEP 75



ZITRA 77



250/260/530/540 79



ZEN 81



FIXLED/OSCILED 83



CANUZAPU 85



ZEN IP65 87



ZEN XL IP65 89



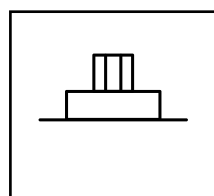
DEEP-S 91



PROTON 92



RONDO 93



CIRCUSPOT 95



TECHNO LED 97



VERSATIS-RD 99



VERSATIS-RS 101



EFFICIENT 103



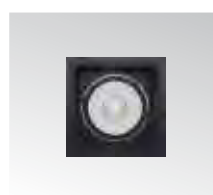
EFFICIENT-D 105



ROUND LED 107



SQUARE LED 117



VERSATIS-SQ 109

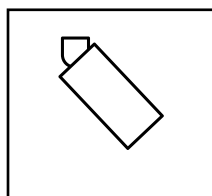


PARALED 111-113



PARADOX COMBI 115

TETO SALIENTE E SUSPENSÃO
PLAFONNIERS AND PENDANT
PLAFONNIERS ET SUSPENSIONS
PLAFONES Y COLGANTES



VERSATIS-S

121



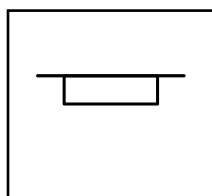
NOVUN-S

127



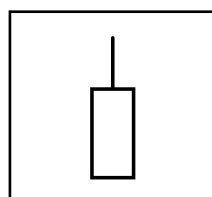
VERSATIS-SP

125



SURFACE

133



VERSATIS-P

123



NOVUN-P

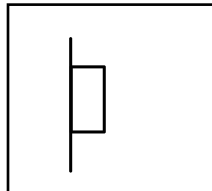
129



TOLSH-T

131

PAREDE SALIENTE E ENCASTRAR
WALL SURFACE AND RECESSED
MUR SAILLIE ET ENCASTRÉ
PARED SALIENTE Y EMPOTRADA



NOVUN-W

137



LUCKY

139



BEEP

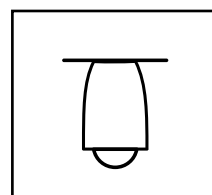
141



VALSIGO

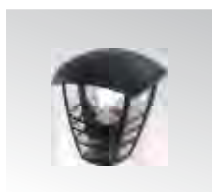
138

TETO SALIENTE
CEILING SURFACE
PLAFOND SAILLIE
TECHO SALIENTE



SHUT

171



LUCY

165



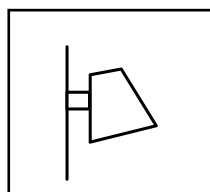
DUEL XL

159



STROND

157



PAREDE E POSTE
WALL AND BOLLARD
MUR ET BORNE
PARED Y POSTES



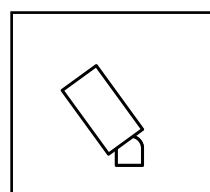
ARCH

161



CHAMALEON

163



VISIOLED

147



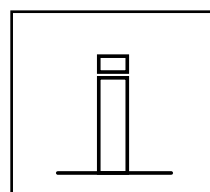
STEELO

149



DUCK

151



CHAPEAU

153



WALLY

155



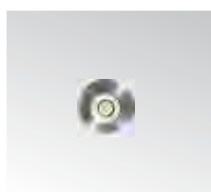
MIROM

167



TOBA XL

175



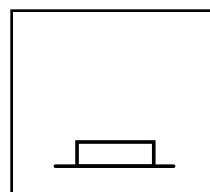
JAVA

177



STRATUS

179



PAVIMENTO
PAVEMENT
ENCASTRÉ DE SOL
PAVIMENTO



THERA

181



NAFT

183



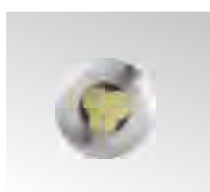
GAZUDIO

185



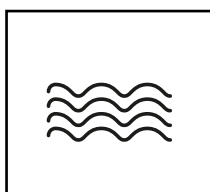
AQUS

189



OCEAN

191



SUBMERSÃO
SUBMERSION
SUBMERSION
INMERSION

Sugestão de aplicação.
Suggestion of application.
Suggestion d'application.
Sugerencia de aplicación.

1. Iconografia associada ao tipo de instalação e montagem.

Icons associated with the type of installation and assembly.
Iconographie associée au type d'installation et de montage.
Iconografía asociada al tipo de instalación y montaje.

2. Iconografia associada a aspectos elétricos.

Icons associated with electrical aspects.
Iconographie associée à des aspects électriques.
Iconografía asociada a aspectos eléctricos.

3. Informação relativa a dados fotométricos e luminosos.

Information on photometric and light data.
Information relative aux données photométriques et lumineuses.
Información sobre datos fotométricos y luminosos.

4. Elementos que definem a sua construção e robustez.

Elements that define its construction and robustness.
Éléments qui définissent sa construction et sa robustesse.
Elementos que definen su construcción y solidez.

5. Informação adicional onde se descreve o produto de uma forma mais abrangente.

Additional information where the product is described more comprehensively.
Information additionnelle où le produit est décrit de manière plus complète.
Información adicional donde se describe el producto de forma más amplia.

Informação complementar sobre as características do LED engine quando aplicável.

Additional information on the characteristics of the LED engine, when applicable.
Information complémentaire sur les caractéristiques du moteur LED si applicable.
Información complementaria sobre las características del motor LED cuando sea aplicable.

Apresentação de modelos disponíveis na mesma família para diferentes tipos de aplicação.

Presentation of models available in the same family for different types of applications.
Présentation de modèles disponibles de la même famille pour différents types d'application.
Presentación de modelos disponibles en la misma familia para diferentes tipos de aplicación.



Informação sobre a família do produto.

Product family Information.
Informations sur la famille de produits.
Información sobre la familia de productos.

GUIA DE CONSULTA

REFERENCE GUIDE | GUIDE DE RÉFÉRENCE | GUÍA DE CONSULTA

Informação sobre o fabricante e o tipo de LED que equipa a luminária.
Information on the manufacturer and the type of LED in the luminaire.
Information sur le fabricant et le type de LED qui équipe le luminaire.
Información sobre el fabricante y el tipo de LED que lleva la luminaria.

Característica de destaque.
Featured feature.
Caractéristique en vedette.
Característica destacada.

Nome do produto.
Product name.
Nom du produit.
Nombre del producto.

Potência luminosa (watts e lúmens).
Light energy (watts and lumens).
Puissance lumineuse (watts et lumens).
Potencia luminosa (vatios y lúmenes).

Fotografia do produto.
Product photo.
Photographie du produit.
Fotografía del producto.

Guia de encomenda (lista de códigos, potências, temp. de cor, ângulos de abertura e Lumens).
Ordering guide (list of codes, energy options, colour temperatures, beam angles and Lumens).
Guide de commande (liste de codes, puissances, températures de couleurs, angles d'ouverture et Lumens).
Guía de pedido (lista de códigos, potencias, temperaturas de color, ángulos de apertura y Lumens).

Informação detalhada sobre pormenores relacionados com a sua construção.
Detailed information on how it is constructed.
Information détaillée sur les particularités relatives à sa construction.
Información detallada sobre los datos relacionados con su construcción.

Acessórios disponíveis.
Available accessories.
Accessoires disponibles.
Accesorios disponibles.

Apresentação dos diferentes tipos de lâmpada com que a luminária é compatível.
Presentation of the different types of lamps compatible with the luminaire.
Présentation des différents types de lampe avec lesquels le luminaire est compatible.
Presentación de los diferentes tipos de lámpara con los que es compatible la luminaria.

Indicação da marca e modelo do driver que equipa a luminária na versão standard.
Indication of the make and model of the driver of the luminaire in the standard version.
Indication de la marque et du modèle du conducteur électrique qui équipe le luminaire dans sa version standard.
Indicación de la marca y modelo del driver incluido en la luminaria en la versión estándar.

Produto fabricado em conformidade com as normas indicadas.
Product manufactured in compliance with the standards indicated.
Produit fabriqué en conformité avec les normes indiquées.
Producto fabricado de acuerdo con las normas indicadas.

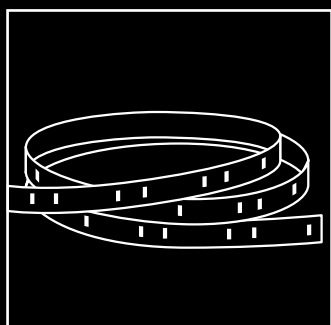
Dimensão do produto, incluindo informação referente à medida do corte para encastramento.
Product dimensions, including cutting measurements for recessed products.
Dimension du produit, comprenant l'information relative à la mesure de la coupure pour l'encastrement.
Dimensiones del producto, incluyendo información relativa a la medida del corte para el empotramiento.

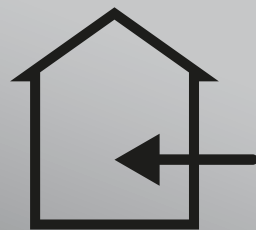
Outras versões também disponíveis em produto não considerado standard.
Other versions also available in products not considered standard.
Autres versions également disponibles pour un produit non considéré comme standard.
Otras versiones también disponibles en un producto no considerado estándar.

int



erion

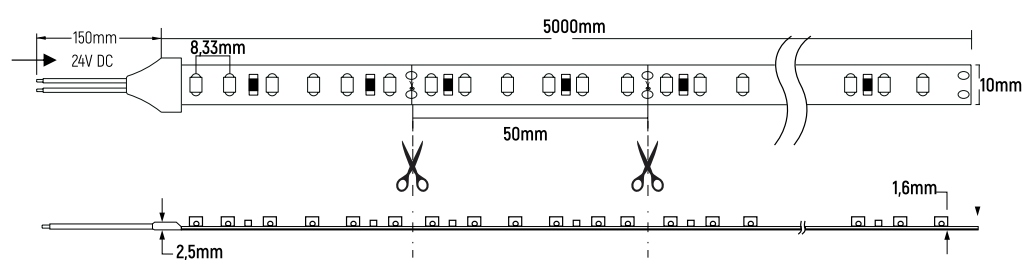


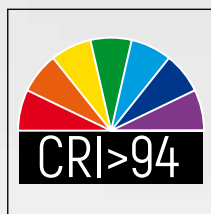
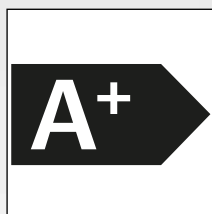


fita led
perfis
alumínio



Dimensões | Dimensions | Dimensiones | Dimensiones





FLEXISTRIP

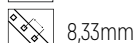
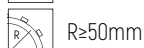
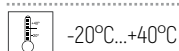
23W WW 1625Lm/mt
23W NW 1735Lm/mt



WW : Branco Quente | Warm White
NW : Branco Neutro | Neutral White

2835 LED

Especificações | Specifications | Spécifications | Especificaciones



Standards

EN 55015 : 2013
EN 61547 : 2009
2014/30/UE
2011/65/UE



CE RoHS

1431000010
1431000011

FLEXISTRIP (23W 3000K WW 120LED = 1625Lm/mt)
FLEXISTRIP (23W 4000K NW 120LED = 1735Lm/mt)



Acessórios | Accessories

Controladores | Controllers



1430560001
Controlador Dimmer (Comando Remoto + Receptor)
Dimmer Controller (Remote Control + Receiver)

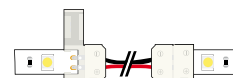
Conectores | Connectors (120Led/Mt)



1430490007
União linear
Linear Connector
2 Contactos (10mm)



1431240007
Conector c/cabo ligação
Supply Connector
2 Contactos (10mm)



1430810007
Extensão 15cm
Cable Connector
2 Contactos (10mm)

Fontes de Alimentação | Power Supply



24V DC (LRS)
35/75/100/150W



24V DC (RSP)
200/320W



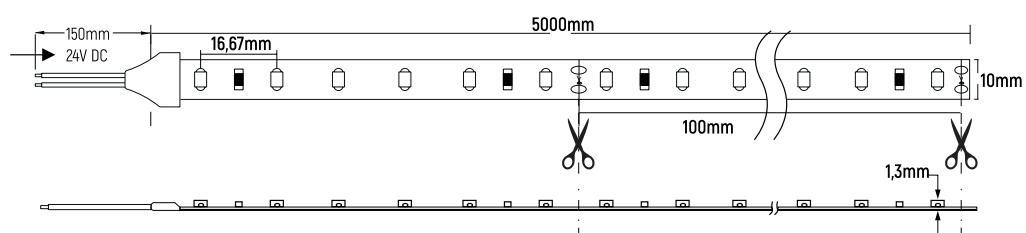
24V DC (DR)
30/60/100W

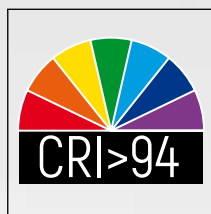
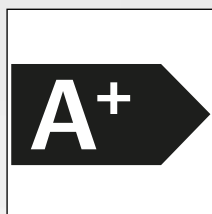


24V DC (NDR)
240W



Dimensões | Dimensions | Dimensiones | Dimensiones





FLEXISTRIP

14,4W WW 990Lm/mt

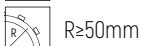
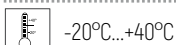
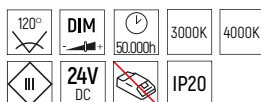
14,4W NW 1050Lm/mt



WW : Branco Quente | Warm White
NW : Branco Neutro | Neutral White

2835 LED

Especificações | Specifications | Spécifications | Especificaciones



Fita Adesiva Dupla Face | Adhesive Double Sided Tape

Standards

EN 55015 : 2013
EN 61547 : 2009
2014/30/UE
2011/65/UE



Ver página | See page | Voir page | Ver página 40

CE RoHS

1431000006
1431000007

FLEXISTRIP (14,4W 3000K 60LED = 990L/mt)
FLEXISTRIP (14,4W 4000K 60LED = 1050L/mt)



Acessórios | Accessories

Controladores | Controllers



1430560001
Controlador Dimmer (Comando Remoto + Receptor)
Dimmer Controller (Remote Control + Receiver)

Conectores | Connectors (60Leds/Mt)



1430490002
União linear
Linear Connector
2 Contactos (10mm)



1431240002
Conector c/cabo ligação
Supply Connector
2 Contactos (10mm)



1430810004
Extensão 15cm
Cable Connector
2 Contactos (10mm)

Fontes de Alimentação | Power Supply



24V DC (LRS)
35/75/100/150W



24V DC (RSP)
200/320W



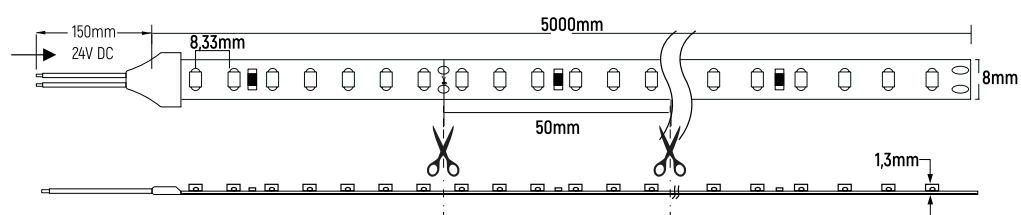
24V DC (DR)
30/60/100W

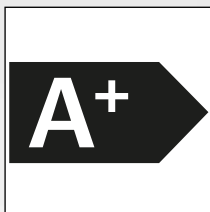


24V DC (NDR)
240W



Dimensões | Dimensions | Dimensiones | Dimensiones

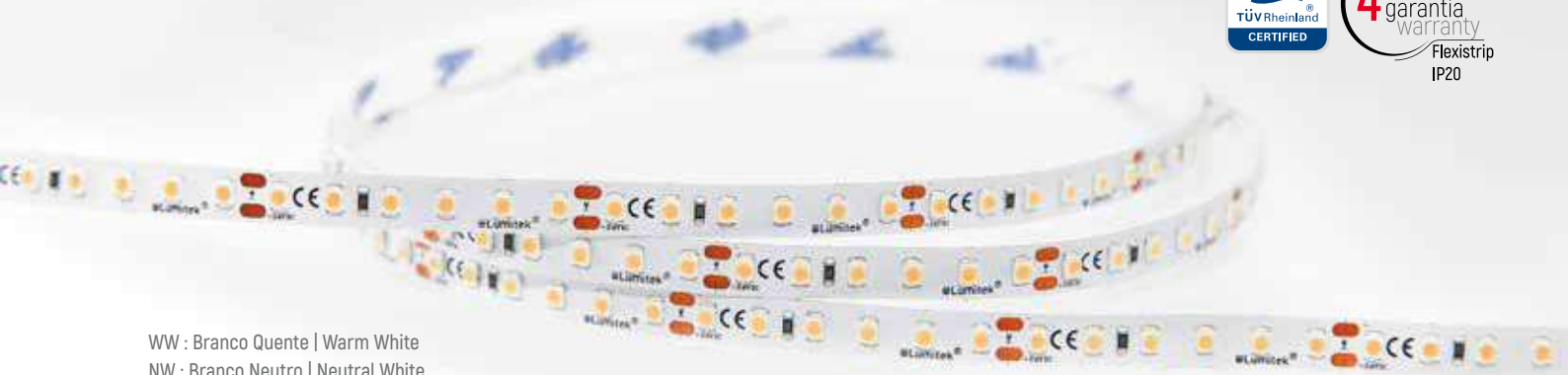




FLEXISTRIP

9,6W WW 740Lm/mt

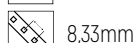
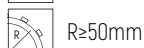
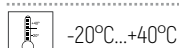
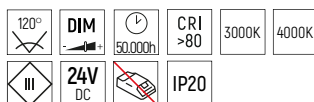
9,6W CW 768Lm/mt



WW : Branco Quente | Warm White
NW : Branco Neutro | Neutral White

3528 LED

Especificações | Specifications | Spécifications | Especificaciones



Standards

EN 55015 : 2013
EN 61547 : 2009
2014/30/UE
2011/65/UE



CE RoHS

1431000008
1431000009

FLEXISTRIP (9,6W 3000K 120LED = 740Lm/mt)
FLEXISTRIP (9,6W 4000K 120LED = 768Lm/mt)



Acessórios | Accessories

Controladores | Controllers



1430560001
Controlador Dimmer (Comando Remoto + Receptor)
Dimmer Controller (Remote Control + Receiver)

Conectores | Connectors (120Leds/Mt)



1430490006
União linear
Linear Connector
2 Contactos (8mm)



1431240006
Conector c/cabo ligação
Supply Connector
2 Contactos (8mm)



1430810006
Extensão 15cm
Cable Connector
2 Contactos (8mm)

Fontes de Alimentação | Power Supply



24V DC (LRS)
35/75/100/150W



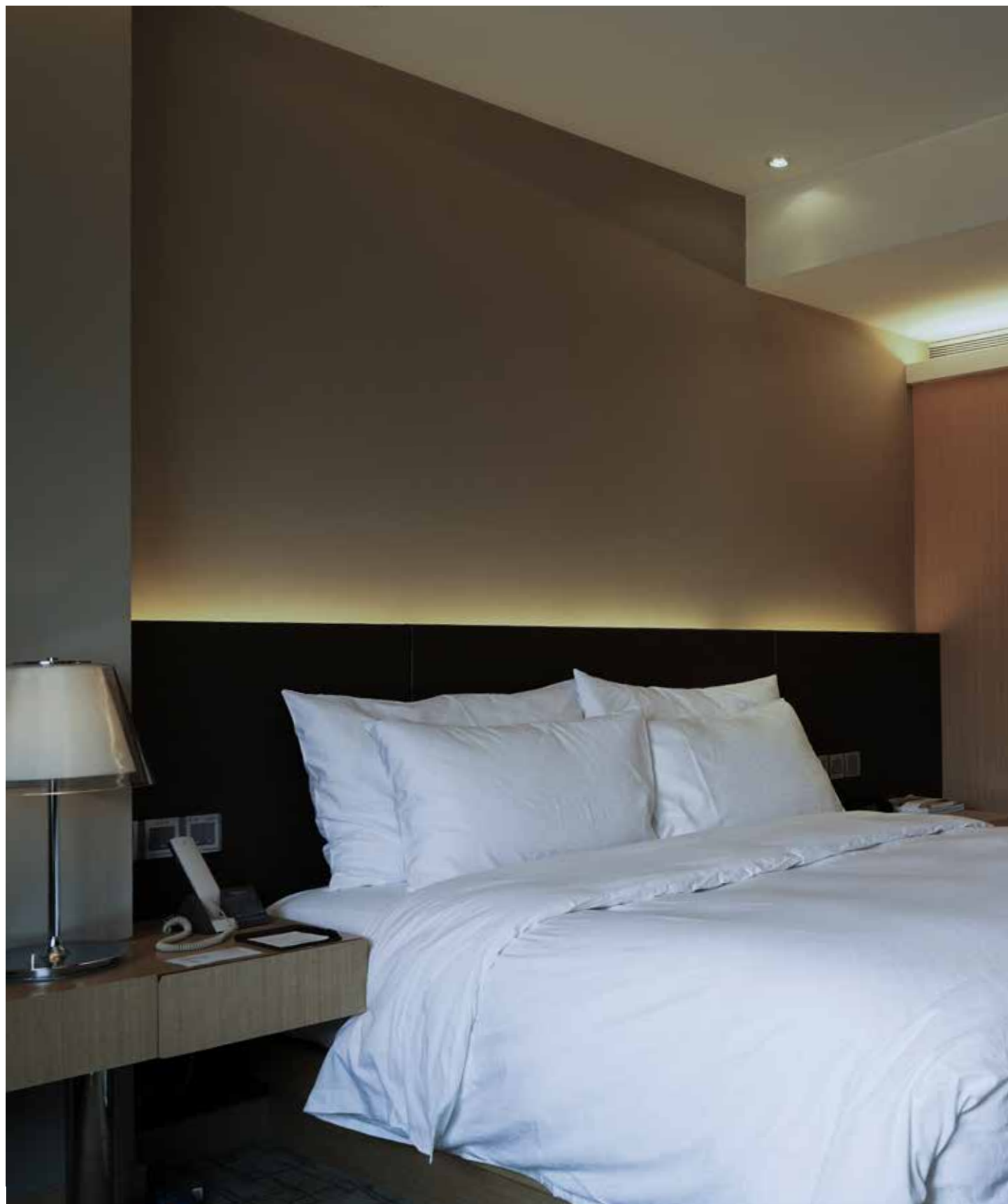
24V DC (RSP)
200/320W



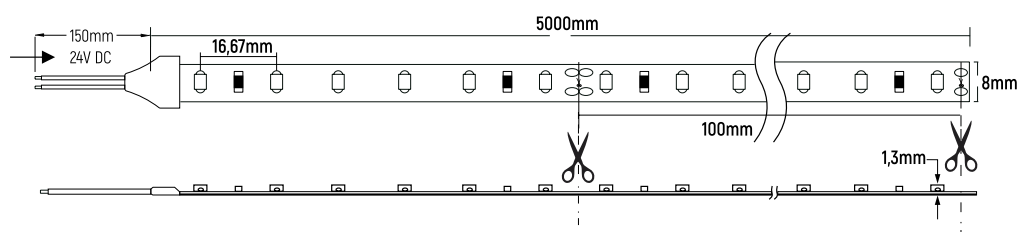
24V DC (DR)
30/60/100W

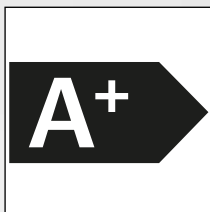


24V DC (NDR)
240W



Dimensões | Dimensions | Dimensiones | Dimensiones





FLEXISTRIP

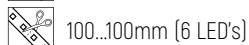
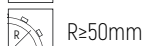
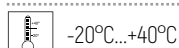
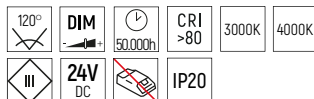
4,8W WW 360Lm/mt
4,8W CW 390Lm/mt



WW : Branco Quente | Warm White
NW : Branco Neutro | Neutral White

825C LED

Especificações | Specifications | Spécifications | Especificaciones



Fita Adesiva Dupla Face | Adhesive Double Sided Tape

Standards

EN 55015 : 2013
EN 61547 : 2009
2014/30/UE
2011/65/UE



Ver página | See page | Voir page | Ver página 40

CE RoHS

1431000004
1431000005

FLEXISTRIP (4,8W 3000K 60LED = 360Lm/mt)
FLEXISTRIP (4,8W 4000K 60LED = 390Lm/mt)



Acessórios | Accessories

Controladores | Controllers



1430560001
Controlador Dimmer (Comando Remoto + Receptor)
Dimmer Controller (Remote Control + Receiver)

Conectores | Connectors [60Leds/Mt]



1430490001
União linear
Linear Connector
2 Contactos (8mm)



1431240001
Conector c/cabo ligação
Supply Connector
2 Contactos (8mm)



1430810003
Extensão 15cm
Cable Connector
2 Contactos (8mm)

Fontes de Alimentação | Power Supply



24V DC (LRS)
35/75/100/150W



24V DC (RSP)
200/320W



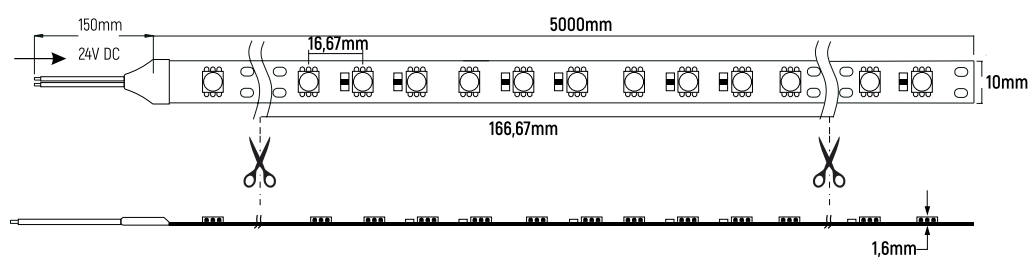
24V DC (DR)
30/60/100W

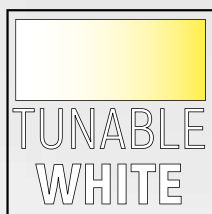
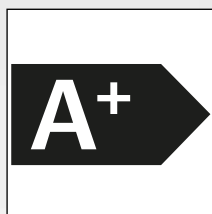


24V DC (NDR)
240W



Dimensões | Dimensions | Dimensiones | Dimensiones





CONFORSTRIP

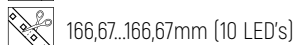
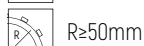
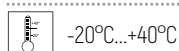
14,4W 1200Lm/mt

2700K 4000K 5000K 6500K



SOS LED

Especificações | Specifications | Spécifications | Especificaciones



Standards

EN 55015 : 2013

EN 61547 : 2009

2014/30/UE

2011/65/UE



Ver página | See page | Voir page | Ver página 40

CE RoHS

1431000012

CONFORSTRIP [14,4W 2700K - 6500K 60LED = 1200Lm/mt]



Acessórios | Accessories

Controladores | Controllers



1430560004

Controlador Variação Cor (WW+W) (Comando Remoto + Receptor)

LED Controller (WW+W) (Remote Control + Receiver)

Conectores | Connectors [60Led/Mt]



1430490005

União linear

Linear Connector

3 Contactos (10mm)



1431240005

Conector c/cabo ligação

Supply Connector

3 Contactos (10mm)



1430810005

Extensão 15cm

Cable Connector

3 Contactos (10mm)

Fontes de Alimentação | Power Supply



24V DC (LRS)
35/75/100/150W



24V DC (RSP)
200/320W



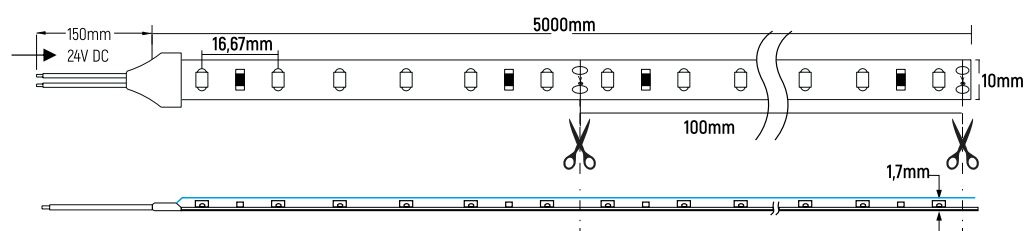
24V DC (DR)
30/60/100W

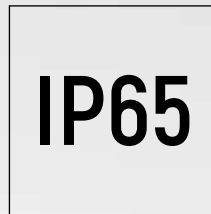
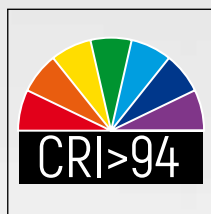
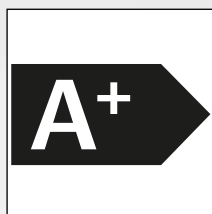


24V DC (NDR)
240W



Dimensões | Dimensions | Dimensiones





FLEXIPROOF

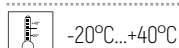
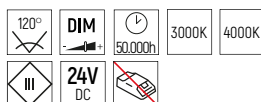
14,4W WW 990Lm/mt
14,4W CW 1050Lm/mt



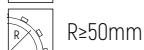
WW : Branco Quente | Warm White
NW : Branco Neutro | Neutral White

2835 LED

Especificações | Specifications | Spécifications | Especificaciones



-20°C...+40°C



R≥50mm



0,58A



OZ = 3



16,67mm



100...100mm [6 LED's]



Fita Adesiva Dupla Face | Adhesive Double Sided Tape



Revestimento em Silicone | LED Protection in Silicone

Standards

EN 55015 : 2013

EN 61547 : 2009

2014/30/UE

2011/65/UE



Ver página | See page | Voir page | Ver página 40

CE RoHS

1431000013
1431000014

FLEXIPROOF (14,4W 3000K 60LED = 990Lm/mt)
FLEXIPROOF (14,4W 4000K 60LED = 1050Lm/mt)



Acessórios | Accessories

Controladores | Controllers



1430560004

Controlador Variação Cor (WW+W) [Comando Remoto + Receptor]
LED Controller (WW+W) [Remote Control + Receiver]

Conectores | Connectors [60Leds/Mt]



1430490002

União linear
Linear Connector
2 Contactos (10mm)



1431240002

Conector c/cabo ligação
Supply Connector
2 Contactos (10mm)



1430810004

Extensão 15cm
Cable Connector
2 Contactos (10)

Fontes de Alimentação | Power Supply



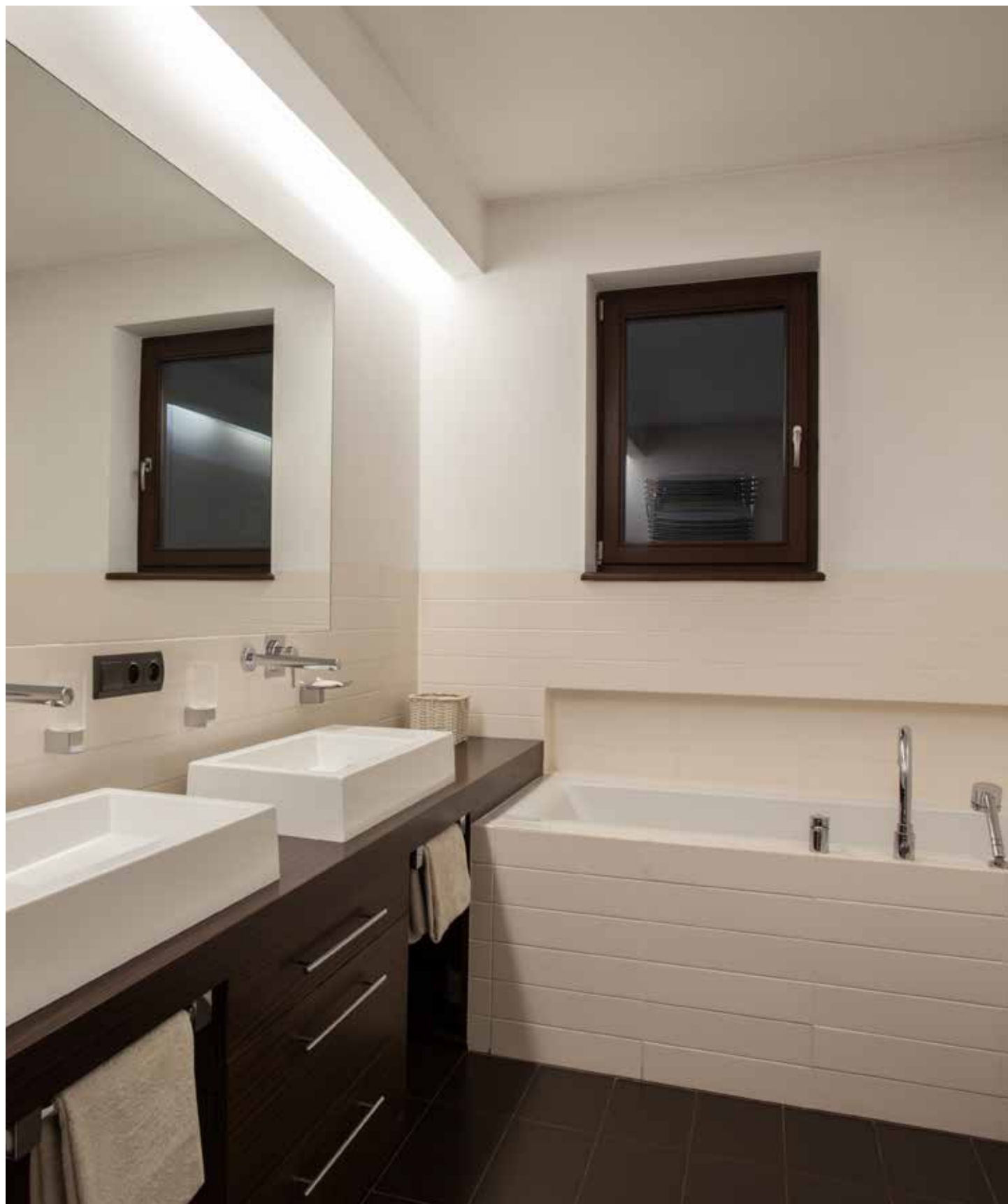
24V DC (LPV)
60/100/150W



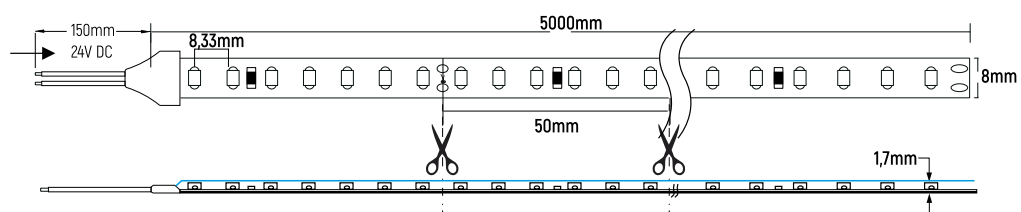
24V DC (ELG)
200W

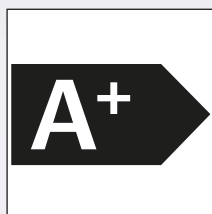


24V DC (HLG)
320W



Dimensões | Dimensions | Dimensiones





FLEXIPROOF

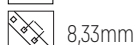
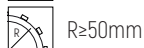
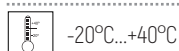
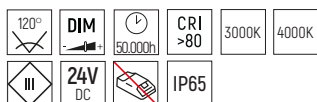
9,6W WW 740Lm/mt
9,6W CW 768Lm/mt



WW : Branco Quente | Warm White
NW : Branco Neutro | Neutral White

825C LED

Especificações | Specifications | Spécifications | Especificaciones



Standards

EN 55015 : 2013
EN 61547 : 2009
2014/30/UE
2011/65/UE



CE RoHS

1431000015
1431000016

FLEXIPROOF (9,6W 3000K 120LED = 740Lm/mt)
FLEXIPROOF (9,6W 4000K 120LED = 768Lm/mt)



Acessórios | Accessories

Controladores | Controllers



1430560001
Controlador Dimmer (Comando Remoto + Receptor)
Dimmer Controller (Remote Control + Receiver)

Conectores | Connectors (120Leds/Mt)



1430490006
União linear
Linear Connector
2 Contactos (8mm)



1431240006
Conector c/cabo ligação
Supply Connector
2 Contactos (8mm)



1430810006
Extensão 15cm
Cable Connector
2 Contactos (8mm)

Fontes de Alimentação | Power Supply



24V DC (LPV)
60/100/150W



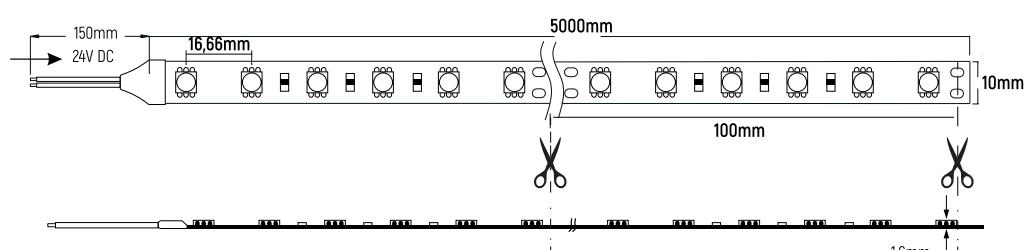
24V DC (ELG)
200W

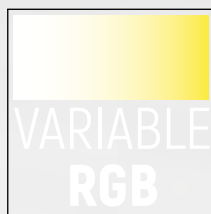
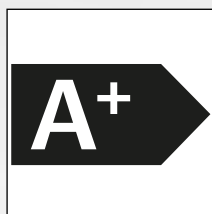


24V DC (HLG)
320W



Dimensões | Dimensions | Dimensiones | Dimensiones





COLORSTRIP

14,4W 420Lm/mt

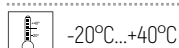


4 anos years
garantia warranty
Colorstrip
RGB
IP20

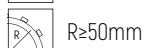


SOS LED

Especificações | Specifications | Spécifications | Especificaciones



-20°C...+40°C



R≥50mm



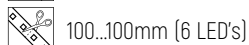
0,58A



OZ = 3



16,66mm



100...100mm (6 LED's)



Fita Adesiva Dupla Face | Adhesive Double Sided Tape

Standards

EN 55015 : 2013

EN 61547 : 2009

2014/30/UE

2011/65/UE



Ver página | See page | Voir page | Ver página 40

CE RoHS

1431000001

COLORSTRIP (14,4W RGB 60LED = 420Lm/mt)



Acessórios | Accessories

Controladores | Controllers



1430560002

Controlador RGB (Comando Remoto + Receptor)
RGB Controller (Remote Control + Receiver)

Conectores | Connectors (60Leds/Mt)



1430490003

União RGB linear
Linear Connector
4 Contactos (10mm)



1431240003

Conector RGB c/cabo ligação
Supply Connector
4 Contactos (10mm)



1430810001

Extensão 15cm RGB
Cable Connector
4 Contactos (10mm)

Fontes de Alimentação | Power Supply



24V DC (LRS)
35/75/100/150W



24V DC (RSP)
200/320W



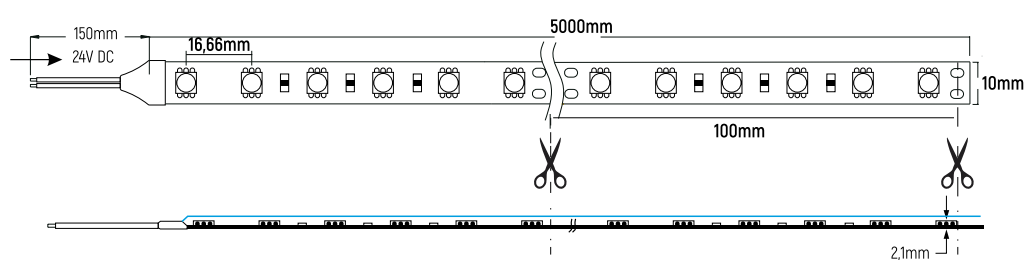
24V DC (DR)
30/60/100W

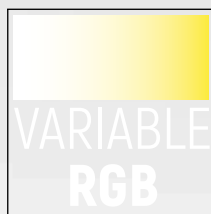
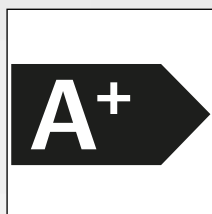


24V DC (NDR)
240W



Dimensões | Dimensions | Dimensiones | Dimensiones





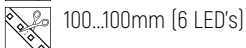
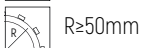
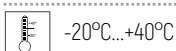
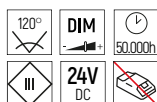
COLORSTRIP

14,4W 420Lm/mt



5050 LED

Especificações | Specifications | Spécifications | Especificaciones



Standards

EN 55015 : 2013

EN 61547 : 2009

2014/30/UE

2011/65/UE



Ver página | See page | Voir page | Ver página 40

CE RoHS

1431000002

COLORSTRIP (14,4W RGB 60LED = 420Lm/mt)



Acessórios | Accessories

Controladores | Controllers



1430560002

Controlador RGB (Comando Remoto + Receptor)
RGB Controller (Remote Control + Receiver)

Conectores | Connectors (60Leds/Mt)



1430490003
União RGB linear
Linear Connector
4 Contactos (10mm)



1431240003
Conector RGB c/cabo ligação
Supply Connector
4 Contactos (10mm)



1430810001
Extensão 15cm RGB
Cable Connector
4 Contactos (10mm)

Fontes de Alimentação | Power Supply



24V DC (LPV)
60/100/150W



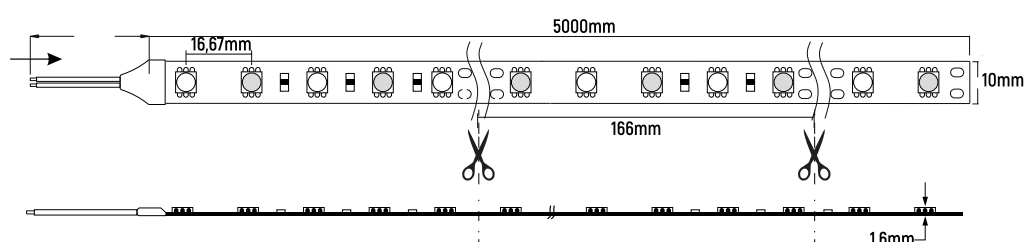
24V DC (ELG)
200W

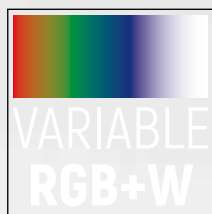
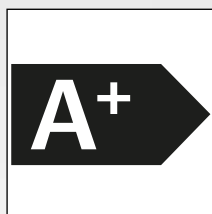


24V DC (HLG)
320W



Dimensões | Dimensions | Dimensiones | Dimensiones





COLORSTRIP+W

14,4W 610Lm/mt

RGB + 6000K



4 anos years
garantia warranty
Colorstrip
RGB+W
IP20



5050 LED

Especificações | Specifications | Spécifications | Especificaciones



-20°C...+40°C

R≥50mm

A/mt 0,58A

OZ = 3

16,67mm

166...166mm (10 LED's)

3M 9448A Fita Adesiva Dupla Face | Adhesive Double Sided Tape

Standards

EN 55015 : 2013

EN 61547 : 2009

2014/30/UE

2011/65/UE

Ver página | See page | Voir page | Ver página 40

CE RoHS

1431000003

COLORSTRIP+W (14,4W RGB+6000K 60LED = 610Lm/mt)



Acessórios | Accessories

Controladores | Controllers



1430560003

Controlador RGB+W (Comando Remoto + Receptor)

RGB+W Controller (Remote Control + Receiver)

Conectores | Connectors (60Leds/Mt)



1430490004

União RGB+W linear

Linear Connector

5 Contactos (10mm)

1431240004

Conector RGB+W c/cabo ligação

Supply Connector

5 Contactos (10mm)

1430810002

Extensão 15cm RGB+W

Cable Connector

5 Contactos (10mm)

Fontes de Alimentação | Power Supply



24V DC (LRS)
35/75/100/150W



24V DC (RSP)
200/320W



24V DC (DR)
30/60/100W



24V DC (NDR)
240W

PERFIS ALUMÍNIO

ALUMINIUM PROFILE



IMPORTANTE

Para o bom funcionamento e condições de garantia das fitas LED, **FLEXISTRIP**, **FLEXIPROOF**, **CONFORSTRIP**, **COLORSTRIP**, é recomendável a instalação em Perfis de Alumínio **AluPRO**.

IMPORTANT

LED Strip: **FLEXISTRIP**, **FLEXIPROOF**, **CONFORSTRIP**, **COLORSTRIP**, installed in right application **AluPRO** is recommendable to aplicate warranty.

1431001001

ALUPRO 90°

Perfil alumínio saliente 90° 2020 x 16,0 x 16,0mm
(difusor policarbonato opalino)
Surface aluminium profile 90°, 2020 x 16,0 x 16,0mm
(included opal polycarbonate diffuser)

1430450001

CLIP 90°

Clip de fixação para perfil alumínio AluPRO 90°
Fixing clip for aluminium profile AluPRO 90°



1432050001

TP90° - F

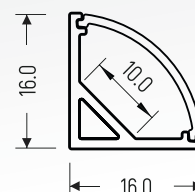
Topo final para perfil alumínio AluPRO 90°
Closed end cap for aluminium profile AluPRO 90°



1432050002

TP90° - E

Topo c/entrada para perfil alumínio AluPRO 90°
Open end cap for aluminium profile AluPRO 90°



(mm)

1431001002

ALUPRO/S

Perfil alumínio saliente 2020 x 17,0 x 9,0mm
(difusor policarbonato opalino)
Surface aluminium profile 2020 x 17,0 x 9,0mm
(included opal polycarbonate diffuser)

1430450002

CLIP - S

Clip de fixação para perfil alumínio AluPRO/S
Fixing clip for aluminium profile AluPRO/S



1432050005

TP/S - F

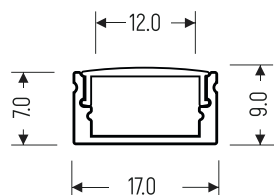
Topo final para perfil alumínio saliente AluPRO/S
Closed end cap for aluminium profile AluPRO/S



1432050004

TP/S - E

Topo c/entrada para perfil alumínio saliente AluPRO/S
Open end cap for aluminium profile AluPRO/S



(mm)

1431001003

ALUPRO/E

Perfil alumínio encastrar com aba 2020 x 23,2 x 9,0mm
(difusor policarbonato opalino)
Recessed aluminium profile with tab 2020 x 23,2 x 9,0mm
(included opal polycarbonate diffuser)

1432050003

TP/E - F

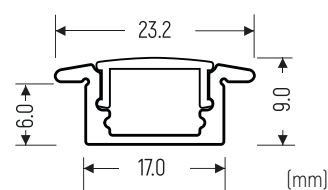
Topo final para perfil alumínio encastrar com aba AluPRO/E
Closed end cap for aluminium profile AluPRO/E



1432050006

TP/E - E

Topo c/entrada para perfil alumínio encastrar com aba AluPRO/E
Open end cap for aluminium profile AluPRO/E



(mm)

CONTROLADOR LED

LED CONTROLLER



DIM

FLEXISTRIP
FLEXIPROOF



CONFORSTRIP
WW+W



COLORSTRIP
RGB



COLORSTRIP+W
RGB+W



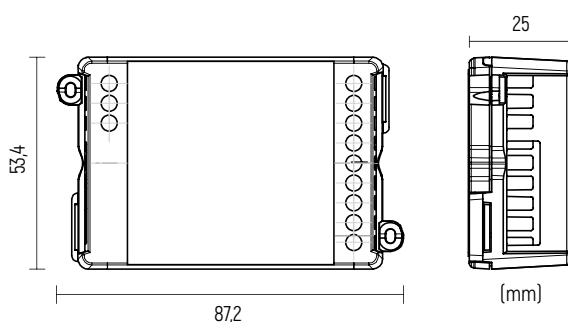
BlueDimmer.com



**BLE
SMART**

CE RoHS

Dimensões | Dimensions | Dimensiones | Dimensiones



1000120134
DLX1224-4CV-BLE Smart Control Mobile

Sistema para controlo de iluminação via Bluetooth

Bluetooth System LED Dimmer

Alimentação | Supply voltage input: 12-24Vdc

Saída | Supply voltage output: 4 Canais 4x2,5A máx. 10A Total

Temp. Funcionamento | Ambient Temp: min.-10 máx.+40°C

Índice Protecção | Protection grade: IP20

Peso | Weight: 125grs

Funcionalidades | Functions:

Regulação Fluxo (DIM) | Dimmer (DIM)

Seleção Tonalidade (WW+W) | Tunable White (WW+W)

Seleção Cor (RGB) | (RGB)

Seleção Cor + Seleção de Branco (RGB+W) | RGBW Color

Acender e Desligar Suave | Soft Start and Soft Stop

CONTROLADORES LED



1430560001
Controlador DIM
DIM Controller
Sistema para controlo
intensidade com comando
para fita LED Flexistrip e
Flexiproof.
Control dimming system with
remote control for Flexistrip
and Flexiproof LED Strip.



1430560004
Controlador WW+W
WW+W Controller
Sistema para controlo
Tonalidade da Cor com
comando para fita LED
Conforstrip WW+W.
Control dimming and
White Tuning system for
Conforstrip WW+W LED Strip.



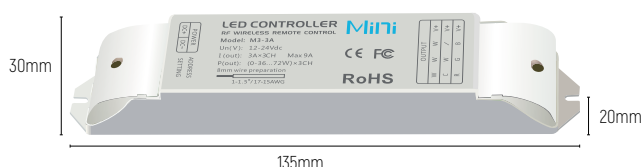
1430560002
Controlador RGB
RGB Controller
Sistema para controlo de Cor
com comando para fita LED
Colorstrip RGB.
Control system for color
selection with remote control
for Colorstrip RGB LED Strip.



CE RoHS

Dimensões | Dimensions

Receptor Mini | Mini Receiver



Receptor RF | RF Receiver

Alimentação | Input voltage: 24Vdc

Saída | Output voltage: 3A x 3 Canais Máx 9A = 216W

Temp. Funcionamento | Working Temp: min.-30 máx.+55°C

Índice Protecção | Protection grade: IP20

Alcance | Range: <50m

Funções | Functions:

Regulação Fluxo (DIM) | Dimmer (DIM)

Seleção Tonalidade (WW+W) | Tunable White (WW+W)

Seleção Cor (RGB) | Selection Color (RGB)

Acender e Desligar Suave | Soft Start and Soft Stop

Peso | Weight: 47grs

**Botão**

Aumentar Intensidade (RGB)
Increase Speed and Brightness

Botão

Diminuir Intensidade (RGB)
Decrease Speed and Brightness

Círculo Selector de Cor
Touch Color Circle

Botão | Mode Key

Selector de Programas (11)
Program Selector (11)
(Efeito Estático, Flash, Suave)
(Static Effect, Flash, Soft)

Programas | Functions

Estático Vermelho | Static Red
Estático Verde | Static Green
Estático Azul | Static Blue
Estático Amarelo | Static Yellow
Estático Violeta | Static Violet
Estático Ciano | Static Cyan
Estático Branco | Static White
Flash RGB | Flash RGB
Flash 7 Cores | Flash 7 Colors
Suave RGB | Soft RGB
Suave 7 Cores | Soft 7 Colors

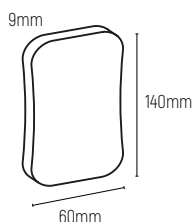
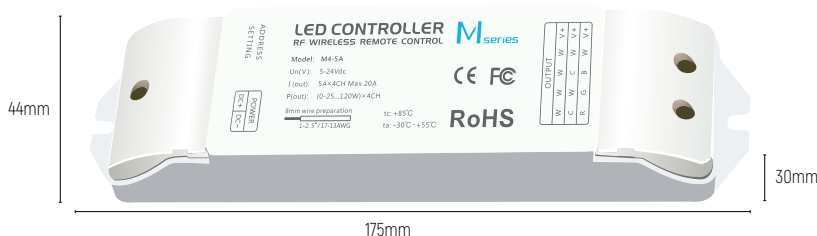
Botão (W) ON/OFF
White Light Switch

Botão (RGB+W)
ON/OFF

1430560003

Controlador RGB+W | RGB+W Controller
Sistema para control de Cor + Branco
com comando para fita LED Colorstrip
RGB+W

Control system for color selection +
white with remote control for Colorstrip
RGB+W LED Strip.

**Dimensões | Dimensions****Receptor M****CE RoHS****Dimensões | Dimensions****Receptor M****Receptor RF | RF Receiver**

Alimentação | Input voltage: 24Vdc

Saída | Output voltage: 5A x 4 Canais Máx 20A = 480W

Temp. Funcionamento | Working Temp: min.-30 máx.+55°C

Índice Protecção | Protection grade: IP20

Alcance | Range: <50m

Funções | Functions:

Regulação Fluxo (DIM) | Dimmer (DIM)

Seleção Cor (RGB) | Selection Color (RGB)

Seleção de Branco (W) | White Selection (W)

Acender e Desligar Suave | Soft Start and Soft Stop

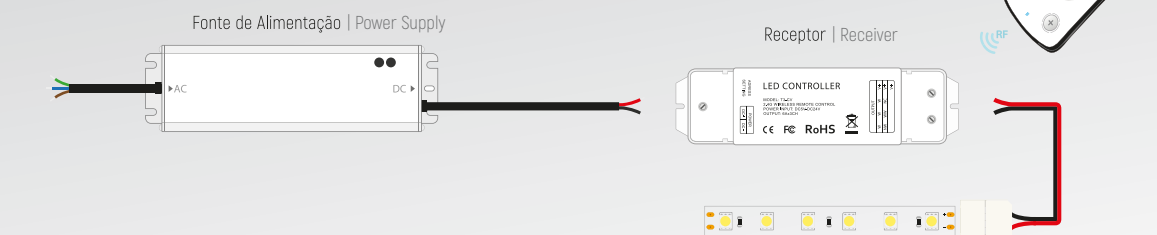
Peso | Weight: 125grs

SISTEMAS DE CONTROLO CONTROL SYSTEMS

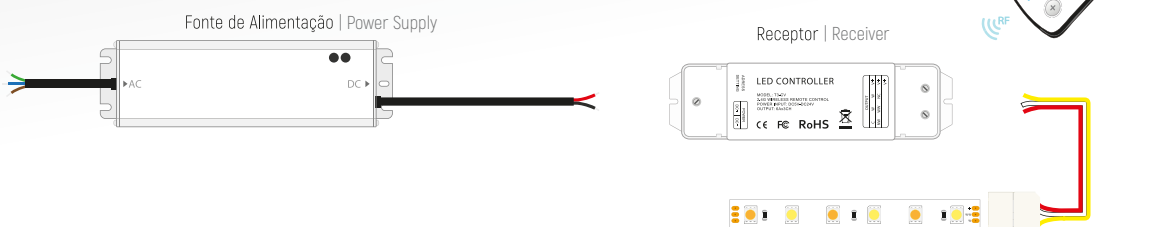
ESQUEMAS DE LIGAÇÃO | WIRING DIAGRAM



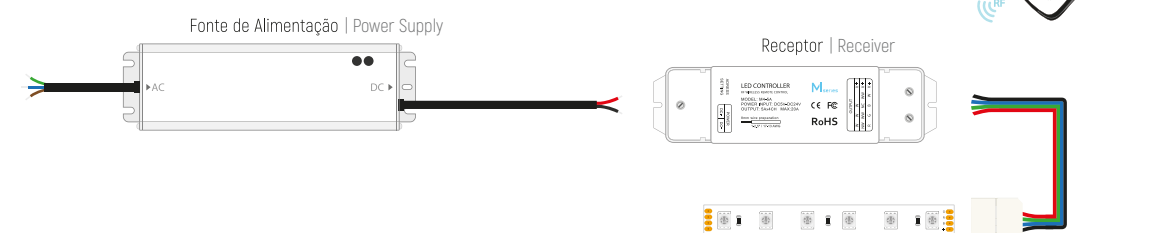
SISTEMA DE CONTROLO INTENSIDADE
1430560001
Intensity Control System



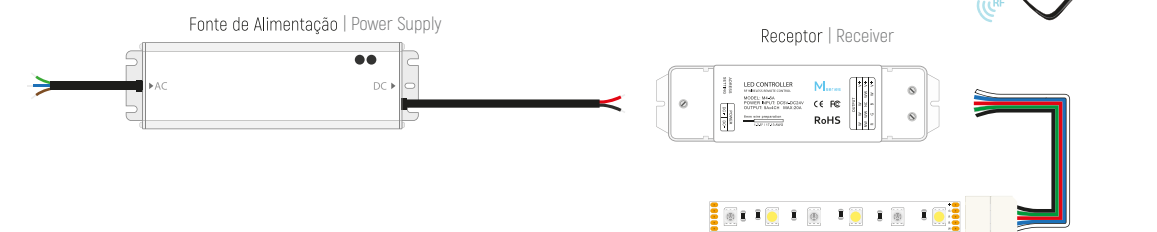
SISTEMA DE CONTROLO WW+W
1430560004
WW+W Control System



SISTEMA DE CONTROLO RGB
1430560002
RGB Control System



SISTEMA DE CONTROLO RGB+W
1430560003
RGB+W Control System



STANDARD



LRS-35-24



LRS-75-24



LRS-100-24



LRS-150-24



RSP-200-24



RSP-320-24

Código Code	Referência Reference	Alimentação Input	Saída Output	Potência Power	Corrente Current	PFC PFC	DIM DIM	IP IP	Class Class	CxLxA CxLxA	Peso Weight
1000120133	LRS-35-24	85~264VAC + 120~373VDC	24V DC	35W	1.5A		NO	20	I	99*82*30 (mm)	0,23Kg
1000120025	LRS-75-24	85~264VAC + 120~373VDC	24V DC	76,8W	3.2A		NO	20	I	99*97*30 (mm)	0,30Kg
1001002029	LRS-100-24	85~264VAC + 120~373VDC	24V DC	108W	4.5A		NO	20	I	129*97*30 (mm)	0,34Kg
1001001109	LRS-150-24	85~132VAC + 240~370VDC	24V DC	156W	6.5A		NO	20	I	159*97*30 (mm)	0,48Kg
1000120121	RSP-200-24	88~264VAC + 124~370VDC	24V DC	200W	8.4A	PF>0.95	NO	20	I	215*115*30 (mm)	0,72Kg
1000120122	RSP-320-24	88~264VAC + 124~370VDC	24V DC	321.6W	13.4A	PF>0.95	NO	20	I	215*115*30 (mm)	0,90Kg

CALHA DIN | DIN RAILS



DR-30-24



DR-60-24



DR-100-24



NDR-240-24

Código Code	Referência Reference	Alimentação Input	Saída Output	Potência Power	Corrente Current	PFC PFC	DIM DIM	IP IP	Class Class	CxLxA CxLxA	Peso Weight
1000120128	DR-30-24	85~264VAC + 120~370VDC	24V DC	30W	1.5A		NO	20	II	78*93*56 (mm)	0,27Kg
1000120131	DR-60-24	88~264VAC + 124~370VDC	24V DC	60W	2.5A		NO	20	II	78*93*56 (mm)	0,30Kg
1000120130	DR-100-24	88~264VAC + 124~370VDC	24V DC	100W	4.2A		NO	20	II	100*93*56 (mm)	0,35Kg
1000120129	NDR-240-24	90~264VAC + 127~370VDC	24V DC	240W	10A	PF>0.95	NO	20	I	63*125,2*113.5 (mm)	1,00Kg

ESTANQUE | WATERPROOF



LPV-60-24



LPV-100-24



LPV-150-24

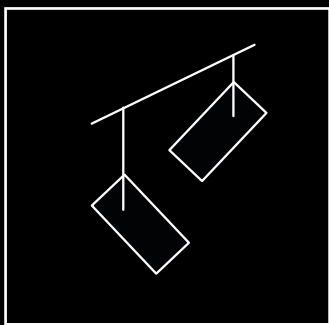


ELG-200-24



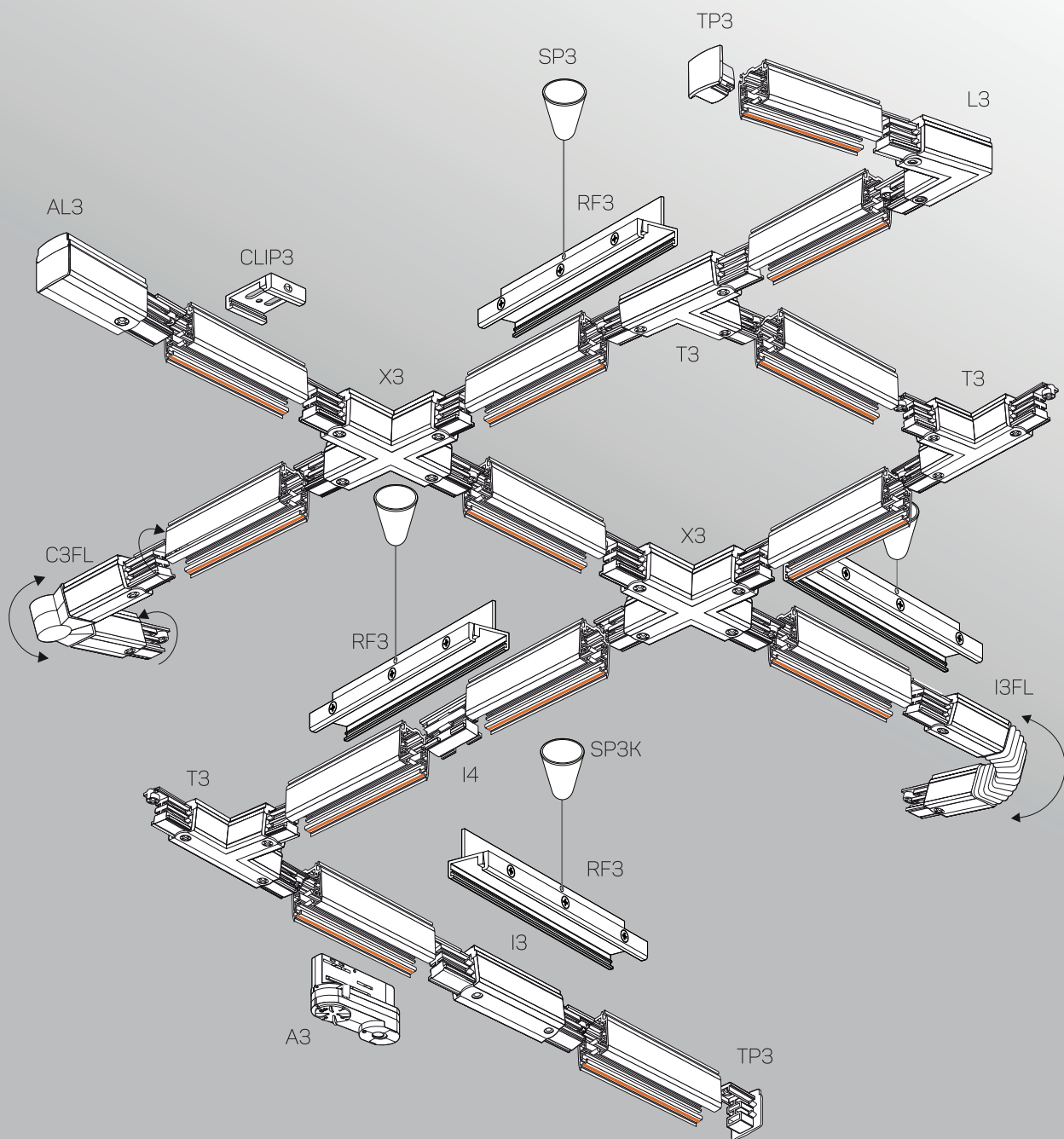
HLG-320H-24

Código Code	Referência Reference	Alimentação Input	Saída Output	Potência Power	Corrente Current	PFC PFC	DIM DIM	IP IP	Class Class	CxLxA CxLxA	Peso Weight
1000120123	LPV-60-24	90~264VAC + 127~370VDC	24V DC	60W	2.5A		NO	67	II	162,5*42,5*32 (mm)	0,40Kg
1000120124	LPV-100-24	90~264VAC + 127~370VDC	24V DC	100.8W	4.2A		NO	67	II	190*52*37 (mm)	0,63Kg
1000120125	LPV-150-24	180 ~ 305VAC + 254 ~ 431VDC	24V DC	151.2W	6.3A		NO	67	II	191*63*37.5 (mm)	0,74Kg
1000120126	ELG-200-24	100 ~ 305VAC + 142 ~ 431VDC	24V DC	201.6W	8.4A	PF>0.95	NO	65	I	244*71*37.5 (mm)	1,22Kg
1000120127	HLG-320H-24	90 ~ 305VAC + 127 ~ 431VDC	24V DC	320.16W	13,34A	PF>0.95	NO	65	I	252*90*43.8 (mm)	1,88Kg

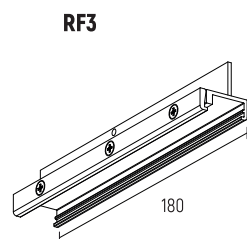




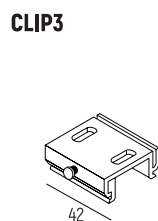
sistema carril



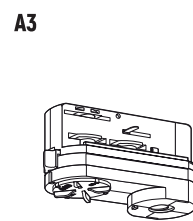
3D | Simulation:



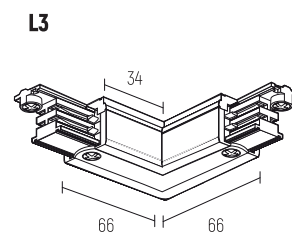
2752050033 W
 2752050034 K



1772050015 W
 1772050017 K



2750160004 W
 2750160005 K

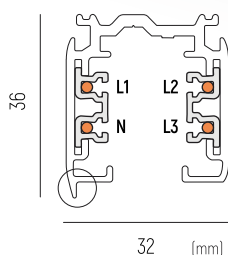
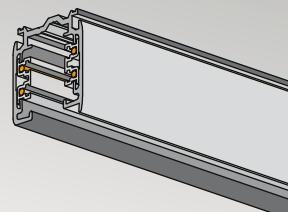
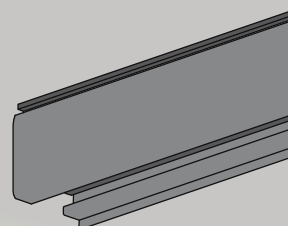
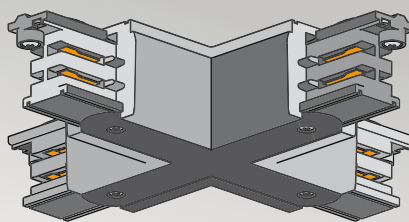
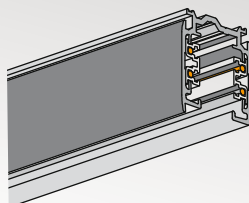
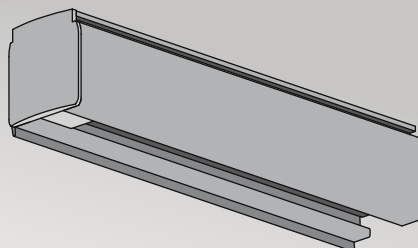


2752050035 W
 2752050036 K

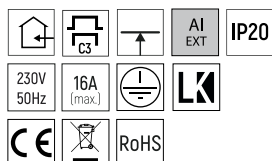
3 CIRCUIT



C3



Especificações | Specifications | Spécifications | Especificaciones

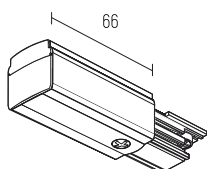


Standards
EN 60570
EN 60598-1

C3

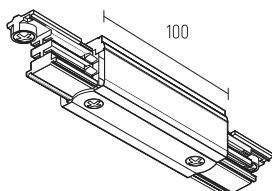
W	2750530005	1000mm
	2750530007	2000mm
K	2750530006	1000mm
	2750530008	2000mm

AL3



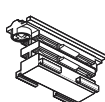
2752050025	W
2752050026	K

i3



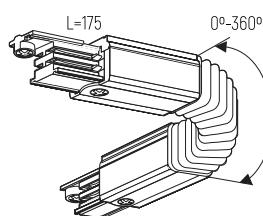
2752050004	W
2752050005	K

i4



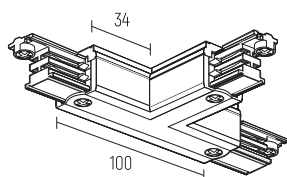
2752050010	W
2752050011	K

i3FL



1772050011	W
2752050008	K

T3



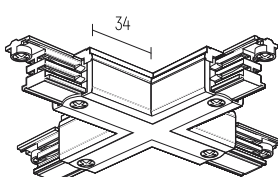
1772050012	W
2752050037	K

TP3



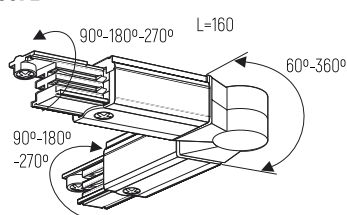
2752050020	W
2752050021	K

X3



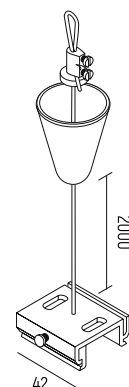
1772050013	W
2752050040	K

C3FL

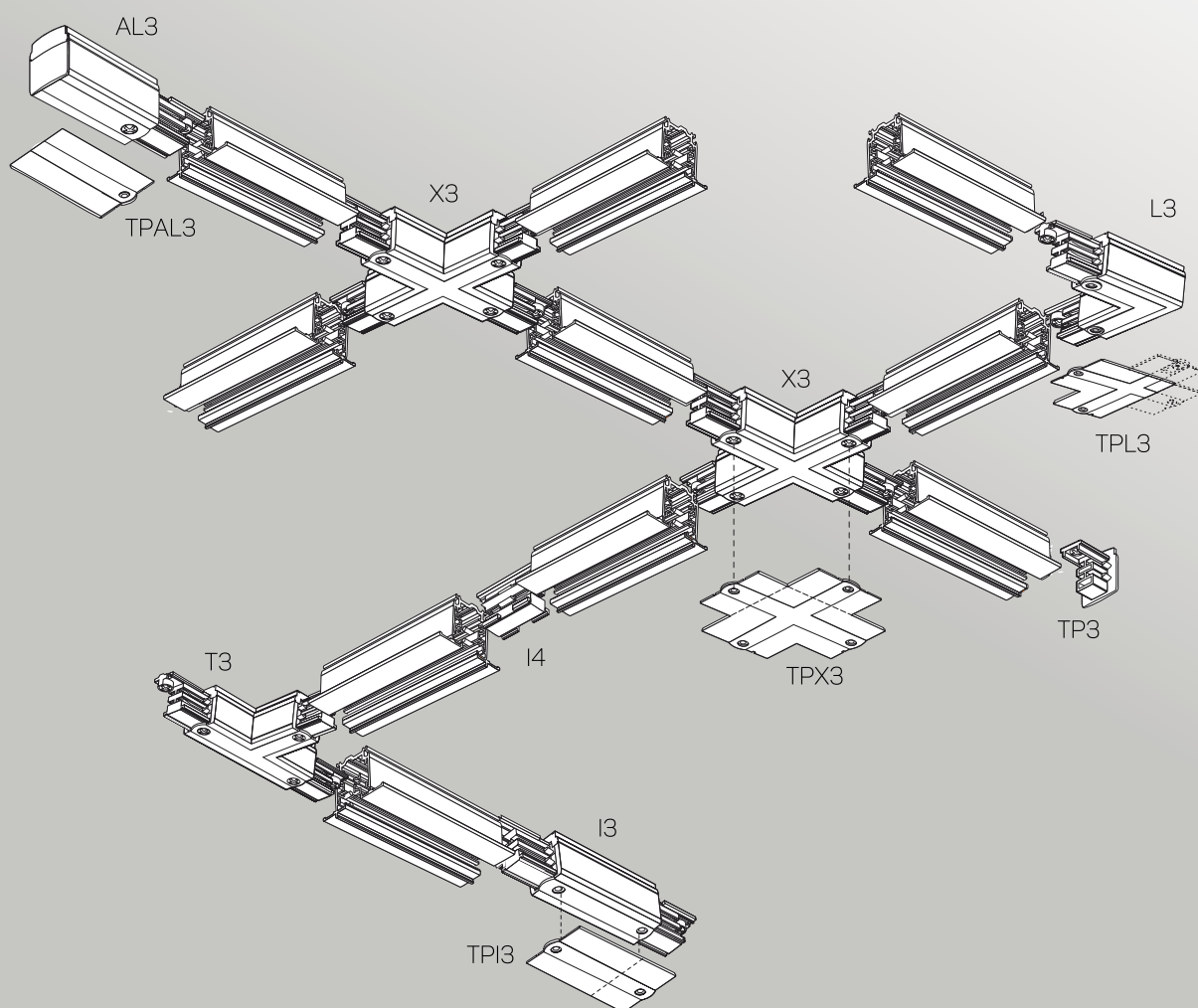


2752050030	W
2752050031	K

SP3

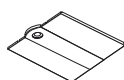


2752050038	W
2752050039	K



3D | Simulation:

TPAL3-RCS



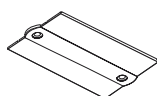
1772050001

W

1772050016

K

TPI3-RCS



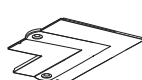
1772050002

W

1772050018

K

TPL3-RCS



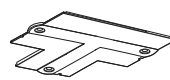
1772050003

W

1772050019

K

TPT3-RCS



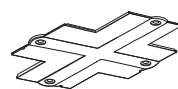
1772050004

W

1772050020

K

TPX3-RCS



1772050005

W

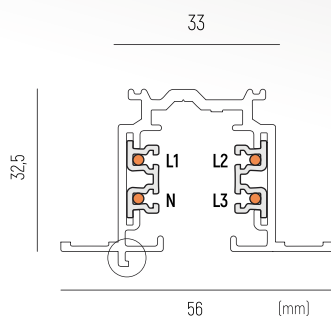
1772050021

K

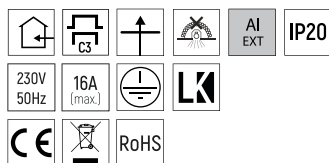
3 CIRCUIT



C3-RCS



Especificações | Specifications | Spécifications | Especificaciones

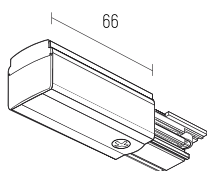


Standards
EN 60570
EN 60598-1

C3-RCS

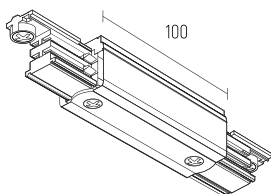
W	2780530001	1000mm
	2780530003	2000mm
K	2780530002	1000mm
	2780530004	2000mm

AL3



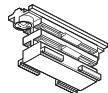
2752050025	W
2752050026	K

i3



2752050004	W
2752050005	K

i4



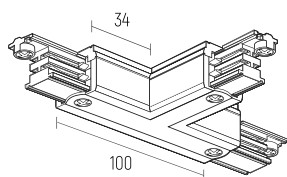
2752050010	W
2752050011	K

A3



2750160004	W
2750160005	K

T3



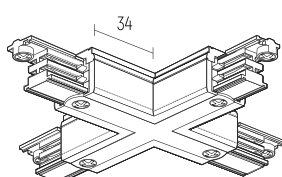
1772050012	W
2752050037	K

TP3



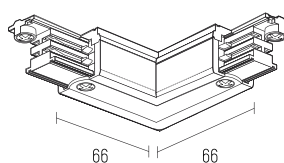
2752050020	W
2752050021	K

X3



1772050013	W
2752050040	K

L3



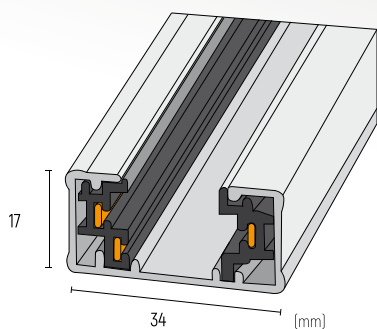
1772050010	W
2752050036	K



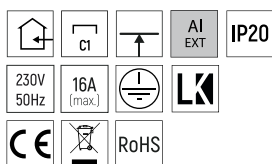
1 CIRCUIT



C1



Especificações | Specifications | Spécifications | Especificaciones



Standards

EN 60570
EN 60598-1

C1

W	2750530015	1000mm
	2750530012	2000mm
K	2750530016	1000mm
	2750530013	2000mm

AL1



1382050070	W
1382050071	K

i1



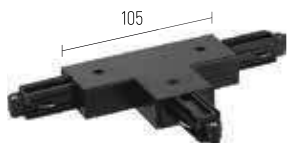
2752050013	W
2752050014	K

A1



2750160001	W
2750160002	K

T1



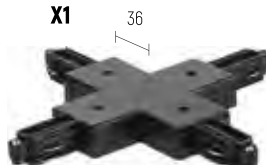
1382050021	W
1382050023	K

TP1



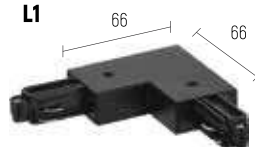
1382050060	W
1382050061	K

X1

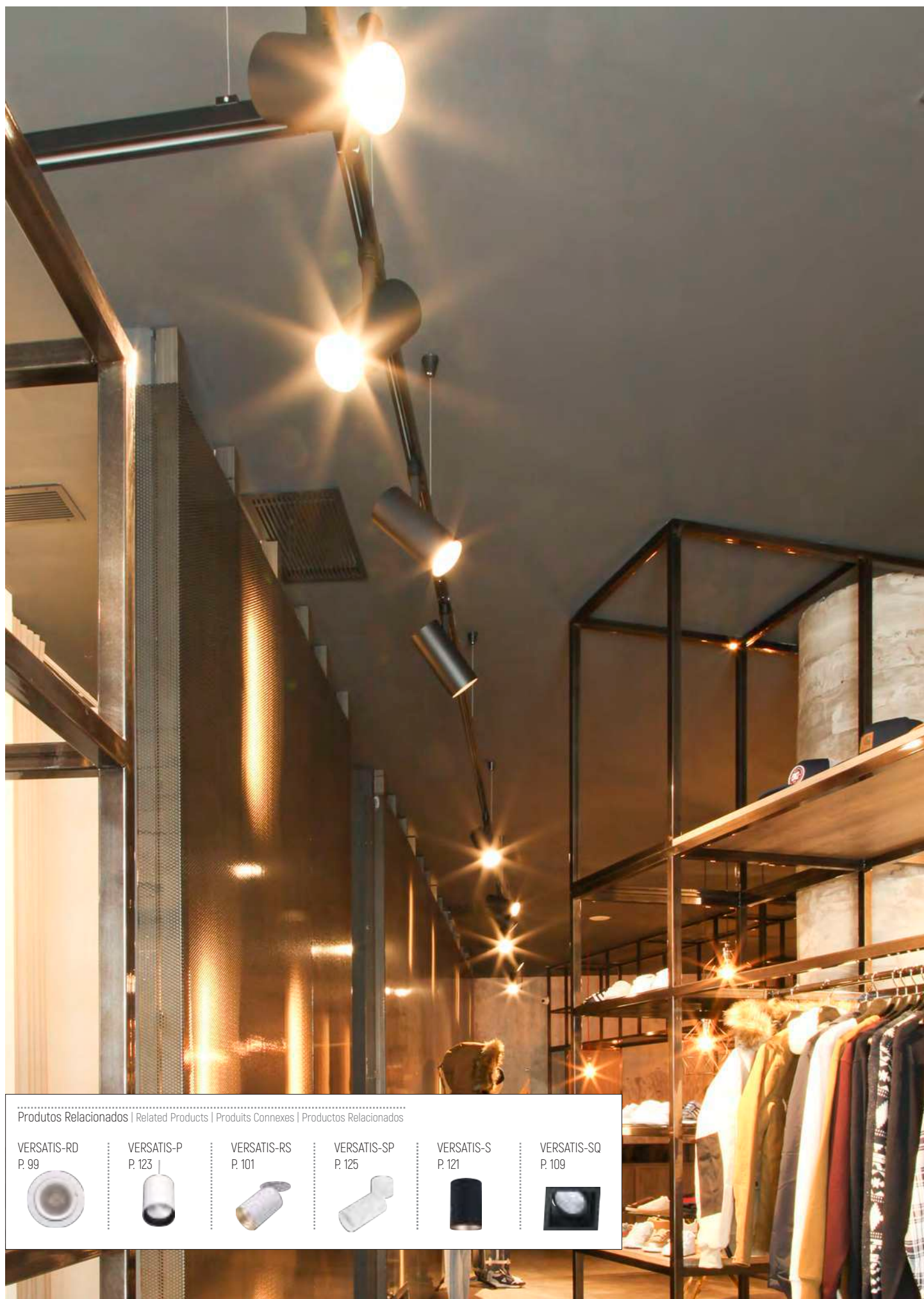


1382050024	W
1382050026	K

L1



1382050018	W
1382050020	K



Produtos Relacionados | Related Products | Produits Connexes | Productos Relacionados

VERSATIS-RD
P. 99



VERSATIS-P
P. 123



VERSATIS-RS
P. 101



VERSATIS-SP
P. 125



VERSATIS-S
P. 121



VERSATIS-SQ
P. 109



VERSATIS-T

20W 1650Lm | 1700Lm



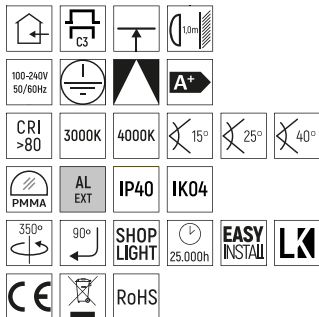
○ 2830570015

● 2830570016



UGR<16

Especificações | Specifications | Spécifications | Especificaciones



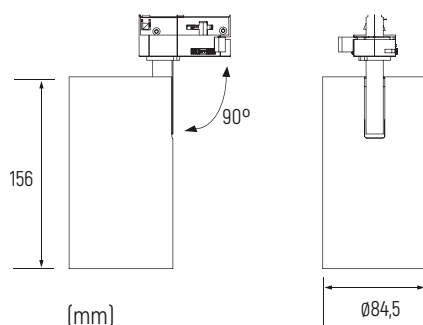
Standards

EN 60598-1
EN 60598-2-1
EN 62471
EN 62493
EN 55015
EN 61547
EN 61000-3-2
EN 61000-3-3

Opcional | Optional | Optionnel | Opcional



Dimensões | Dimensions | Dimensions | Dimensiones



VERSATIS-T



W	W		
28307502966	LED 20W 3000K 15°	1650Lm	
28307503011	LED 20W 4000K 15°	1700Lm	
28307503066	LED 20W 3000K 25°	1650Lm	
28307503111	LED 20W 4000K 25°	1700Lm	
28307503166	LED 20W 3000K 40°	1650Lm	
2830750005-002	LED 20W 4000K 40°	1700Lm	

W	K		
28307502977	LED 20W 3000K 15°	1650Lm	
28307503022	LED 20W 4000K 15°	1700Lm	
28307503077	LED 20W 3000K 25°	1650Lm	
28307503122	LED 20W 4000K 25°	1700Lm	
2830750005-001	LED 20W 3000K 40°	1650Lm	
28307503199	LED 20W 4000K 40°	1700Lm	

W	GD		
28307502988	LED 20W 3000K 15°	1650Lm	
28307503033	LED 20W 4000K 15°	1700Lm	
28307503088	LED 20W 3000K 25°	1650Lm	
28307503133	LED 20W 4000K 25°	1700Lm	
28307503177	LED 20W 3000K 40°	1650Lm	
28307503200	LED 20W 4000K 40°	1700Lm	



K	K		
28307502999	LED 20W 3000K 15°	1650Lm	
28307503044	LED 20W 4000K 15°	1700Lm	
28307503099	LED 20W 3000K 25°	1650Lm	
28307503144	LED 20W 4000K 25°	1700Lm	
2830750006-001	LED 20W 3000K 40°	1650Lm	
2830750006-002	LED 20W 4000K 40°	1700Lm	

K	GD		
28307503000	LED 20W 3000K 15°	1650Lm	
28307503055	LED 20W 4000K 15°	1700Lm	
28307503100	LED 20W 3000K 25°	1650Lm	
28307503155	LED 20W 4000K 25°	1700Lm	
28307503188	LED 20W 3000K 40°	1650Lm	
28307503211	LED 20W 4000K 40°	1700Lm	



Produtos Relacionados

Related Products | Produits Connexes | Productos Relacionados

NOVUN-W
P. 137



NOVUN-S
P. 127



NOVUN-P
P. 129

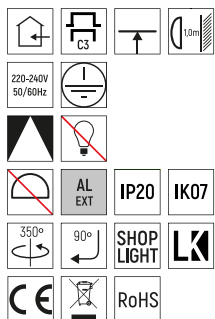


NOVUN-T



UGR<19

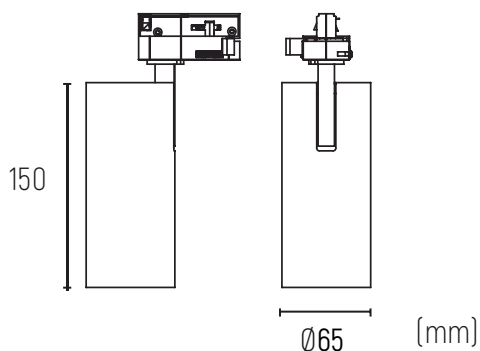
Especificações | Specifications | Spécifications | Especificaciones



Standards

EN 60598-1
EN 60598-2-1

Dimensões | Dimensions | Dimensiones | Dimensiones



NOVUN-T

W	W	1760750075	PAR16 GU10 9W
W	K	1760750096	
W	GD	1760750097	



K	K	1760750076	PAR16 GU10 9W
K	GD	1760750098	



Outras Informações | Other Informations | Autres renseignements | Otras informaciones



Acessórios | Accessories | Accessoires | Accesorios



Monopoint
2750240001



Monopoint
2750240002

Compatível com | Compatible with | Compatible avec | Compatible con



PAR16 GU10 LED DIM
220-240V 50/60Hz



PAR16 GU10 LED
220-240V 50/60Hz



HAGO LED

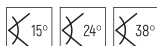
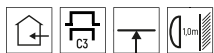
30W 3000Lm



UGR<19



Especificações | Specifications | Spécifications | Especificaciones



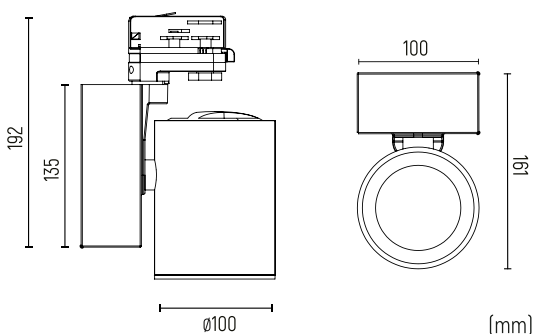
Standards

EN 60598-1
EN 60598-2-1
EN 62471
EN 62493
EN 55015
EN 61547
EN 61000-3-2
EN 61000-3-3

Opcional | Optional | Optionnel | Opcional

DALI

Dimensões | Dimensions | Dimensions | Dimensiones



HAGO LED

W	
2780750028	LED 30W 3000K 15° 3000Lm
2780750034	LED 30W 4000K 15° 3000Lm
2780750012	LED 30W 3000K 24° 3000Lm
2780750005	LED 30W 4000K 24° 3000Lm
2780750019	LED 30W 3000K 38° 3000Lm
2780750003	LED 30W 4000K 38° 3000Lm

HAGO LED

K	
2780750014	LED 30W 3000K 15° 3000Lm
2780750035	LED 30W 4000K 15° 3000Lm
2780750013	LED 30W 3000K 24° 3000Lm
2780750006	LED 30W 4000K 24° 3000Lm
2780750018	LED 30W 3000K 38° 3000Lm
2780750036	LED 30W 4000K 38° 3000Lm

Outras Informações | Other Informations | Autres renseignements | Otras informaciones



Acessórios | Accessories | Accessoires | Accesorios



Monopoint
2750240001



Monopoint
2750240002





HAGO 111

20W 2000Lm
30W 3000Lm

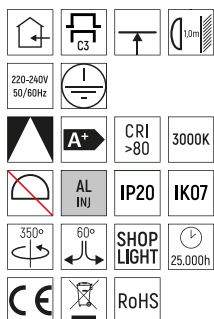


LED
ENGINE



UGR<19

Especificações | Specifications | Spécifications | Especificaciones



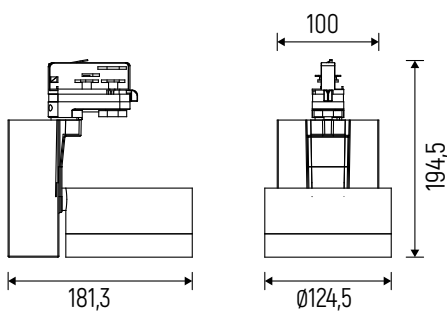
Standards

EN 60598-1
EN 60598-2-1
EN 62471
EN 62493
EN 55015
EN 61547
EN 61000-3-2
EN 61000-3-3

Opcional | Optional | Optionnel | Opcional



Dimensões | Dimensions | Dimensions | Dimensiones



(mm)

HAGO 111



W	2780750026-851	LED 30W 3000K 38° 3000Lm
	2780750026-850	LED 30W 4000K 38° 3000Lm
	2780750026-853	LED 20W 3000K 38° 2000Lm
	2780750026-852	LED 20W 4000K 38° 2000Lm
	2780750026	AR111 SCOB / AR111 G53 15W



K	2780750027-851	LED 30W 3000K 38° 3000Lm
	2780750027-850	LED 30W 4000K 38° 3000Lm
	2780750027-853	LED 20W 3000K 38° 2000Lm
	2780750027-852	LED 20W 4000K 38° 2000Lm
	2780750027	AR111 SCOB / AR111 G53 15W

Acessórios | Accessories | Accessoires | Accesorios



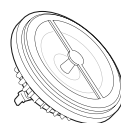
Monopoint
2750240001



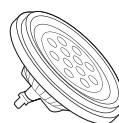
Monopoint
2750240002

LED
COMPATIBLE

Compatível com | Compatible with | Compatible avec | Compatible con



AR 111 SCOB G53 LED | 12V



AR 111 G53 LED | 12V

Driver | Driver | Convertisseur | Driver



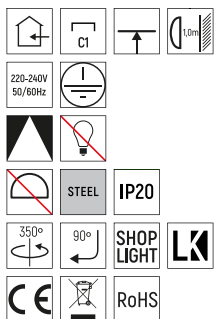
PHILIPS CertaDrive 20W 0,5A | 34W 0,8A
INPUT: 220-240V 50/60Hz



MIRA



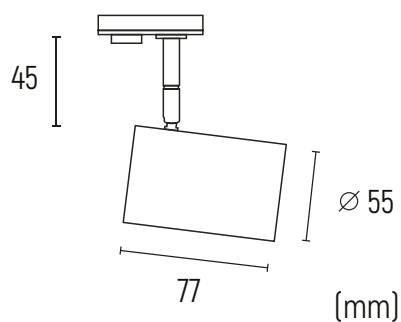
Especificações | Specifications | Spécifications | Especificaciones



Standards

EN 60598-1
EN 60598-2-1

Dimensões | Dimensions | Dimensiones | Dimensiones



MIRA

W 2770750001 PAR16 GU10 9W
K 2770750002

Outras Informações | Other Informations | Autres renseignements | Otras informaciones



Compatível com | Compatible with | Compatible avec | Compatible con



PAR16 GU10 LED DIM
220-240V 50/60Hz



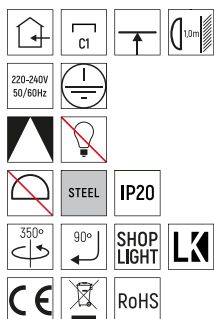
PAR16 GU10 LED
220-240V 50/60Hz



MOSS



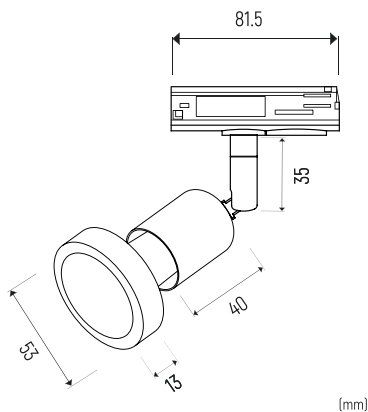
Especificações | Specifications | Spécifications | Especificaciones



Standards

EN 60598-1
EN 60598-2-1

Dimensões | Dimensions | Dimensiones | Dimensiones



(mm)

MOSS

W	2770750003	PAR16 GU10 9W
K	2770750004	

Outras Informações | Other Informations | Autres renseignements | Otras informaciones



Incluído | Included | Inclus | Incluido

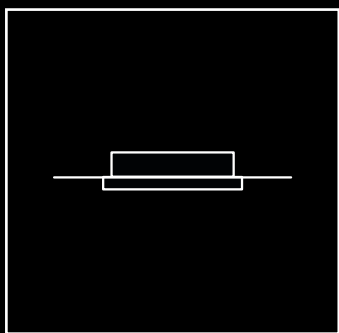
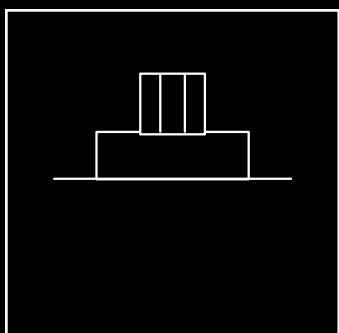
Compatível com | Compatible with | Compatible avec | Compatible con



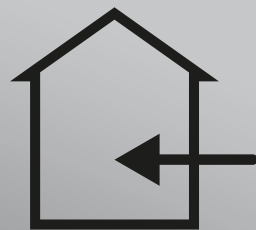
PAR16 GU10 LED DIM
220-240V 50/60Hz



PAR16 GU10 LED
220-240V 50/60Hz



do

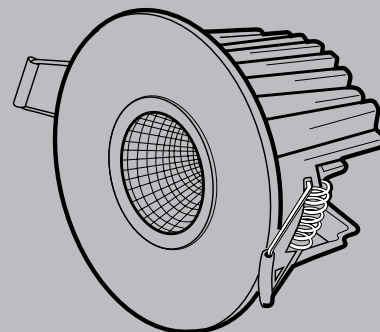


teto
spots
wnlights





ARY
7W 600Lm



LED UGR<19

Especificações | Specifications | Spécifications | Especificaciones



220-240V
50/60Hz



A+

CRI
>80

3000K

4000K

38°



PMMA

AL
INJ

IP40

IK04



25.000h



LK



RoHS

Standards

EN 60598-1

EN 60598-2-2

EN 62471

EN 62493

EN 55015

EN 61547

EN 61000-3-2

EN 61000-3-3

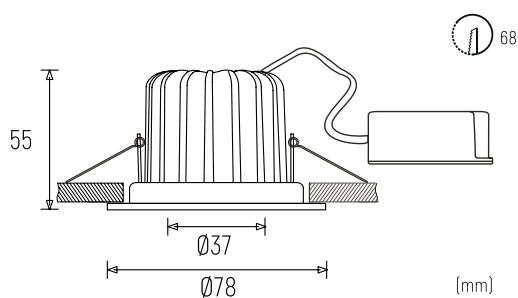
Opcional | Optional | Optionnel | Opcional

DALI

PUSH
DIM

0-10V

Dimensões | Dimensions | Dimensiones | Dimensiones



ARY

W

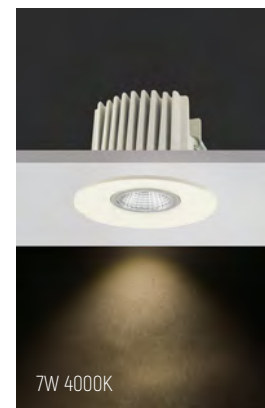
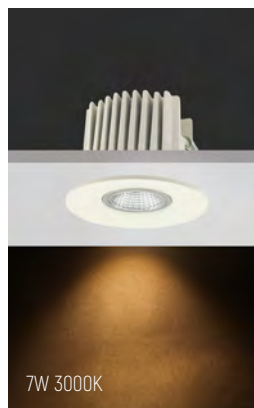
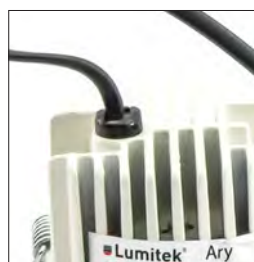
1380753895

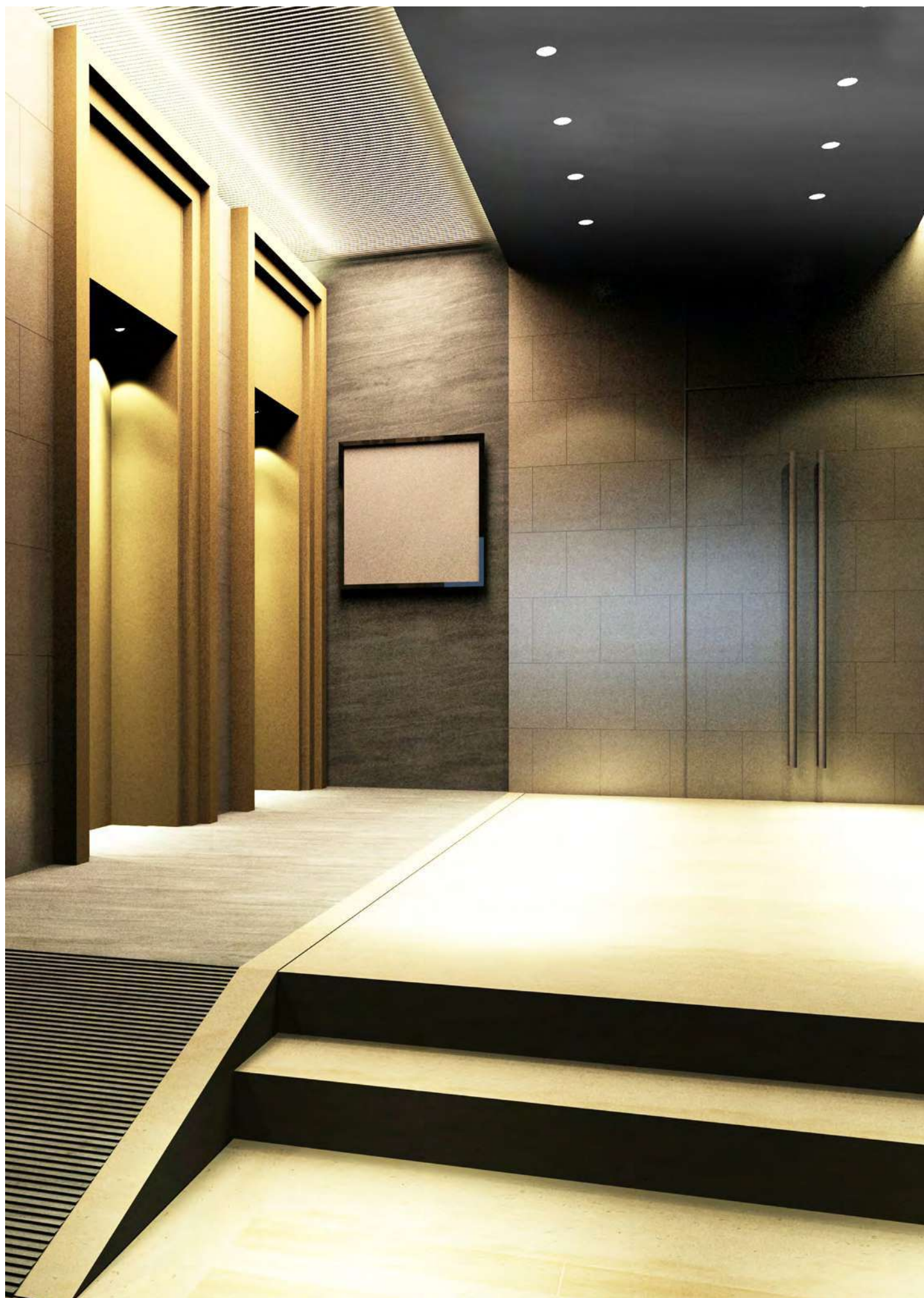
LED 7W 3000K 38° 600Lm

1380753896

LED 7W 4000K 38° 600Lm

Outras Informações | Other Informations | Autres renseignements | Otras informaciones





BEAM

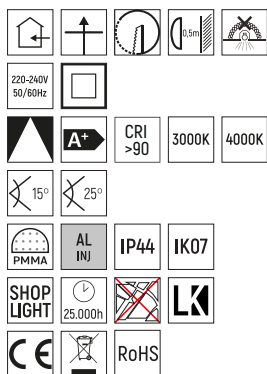


1:1



UGR<10

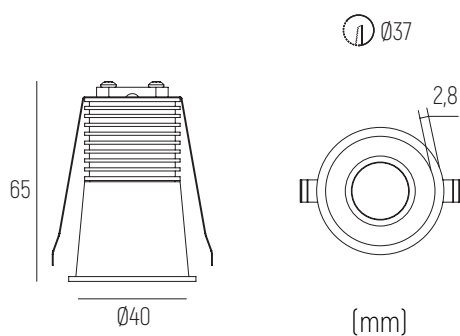
Especificações | Specifications | Spécifications | Especificaciones



Standards

EN 60598-1
EN 60598-2-2
EN 62471
EN 62493
EN 55015
EN 61547
EN 61000-3-2
EN 61000-3-3

Dimensões | Dimensions | Dimensiones | Dimensiones



BEAM



W

2830750355	LED 5W 3000K CRI>90 15° 422Lm
2830750358	LED 5W 4000K CRI>80 15° 453Lm
2830750356	LED 5W 3000K CRI>90 25° 422Lm
2830750359	LED 5W 4000K CRI>80 25° 453Lm



K

2830750361	LED 5W 3000K CRI>90 15° 422Lm
2830750364	LED 5W 4000K CRI>80 15° 453Lm
2830750362	LED 5W 3000K CRI>90 25° 422Lm
2830750365	LED 5W 4000K CRI>80 25° 453Lm

Outras Informações | Other Informations | Autres renseignements | Otras informaciones





D-LIGHT



UGR<16



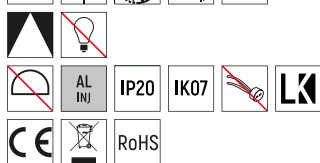
Especificações | Specifications | Spécifications | Especificaciones



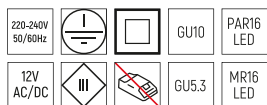
Standards

EN 60598-1

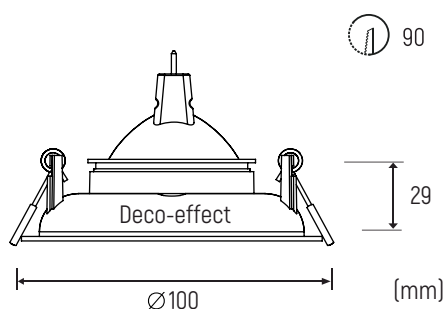
EN 60598-2-2



Opcional | Optional | Optionnel | Opcional



Dimensões | Dimensions | Dimensions | Dimensiones



D-LIGHT

2830750013 PAR16 GU10 9W / MR16 GU5,3 6W



D-LIGHT

2830750097 PAR16 GU10 9W / MR16 GU5,3 6W

Acessórios | Accessories | Accesorios | Accessoires

Anéis Coloridos | Color Rings | Anillos Coloridos | Colerette Coloris



2830570005 **B**

2830570006 **GR**

2830570007 **R**

2830570008 **O**

2830570009 **V**

Outras Informações | Other Informations | Autres renseignements | Otras informaciones



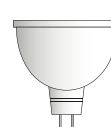
Compatível com | Compatible with | Compatible avec | Compatible con



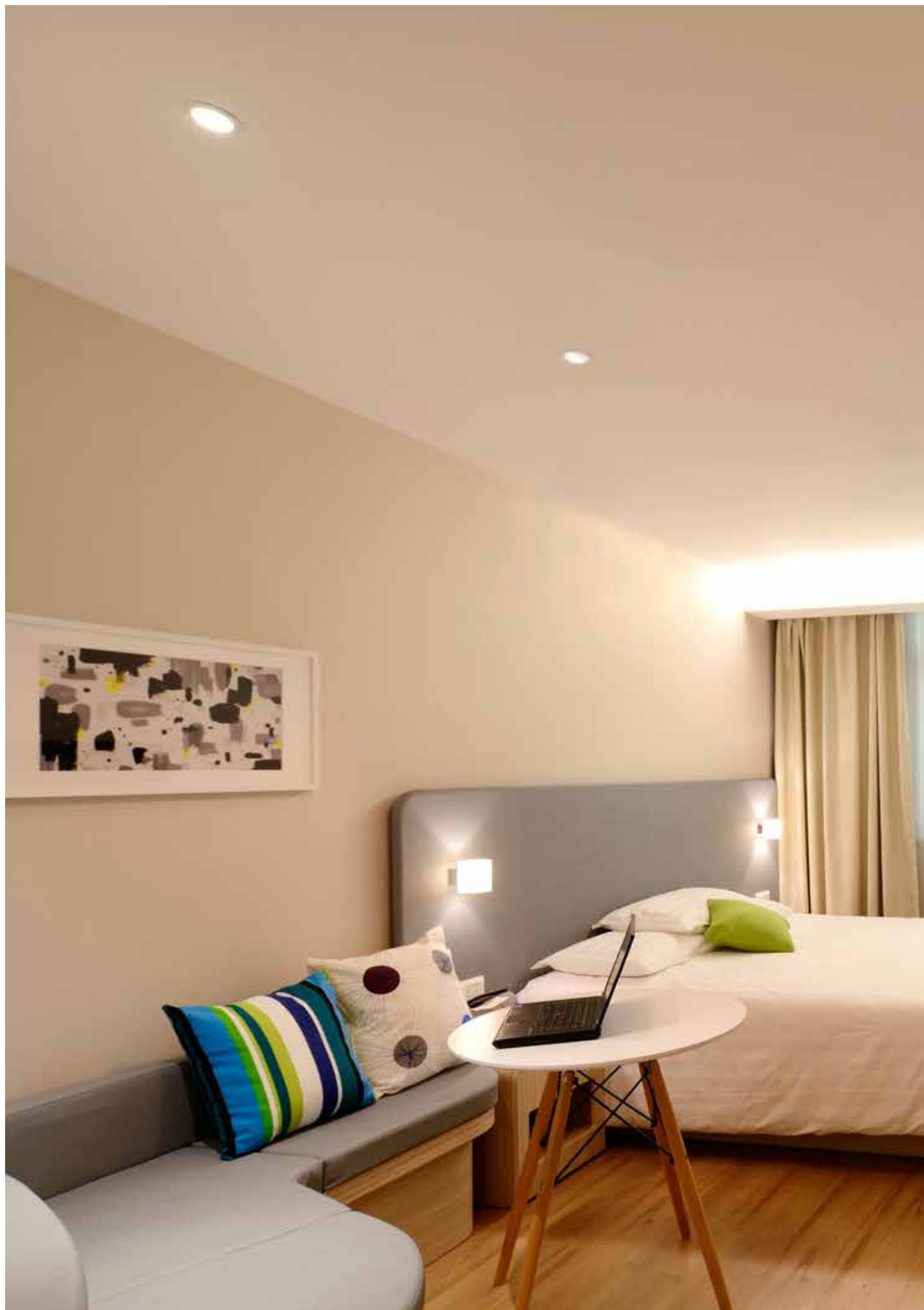
PAR16 GU10 LED DIM
220-240V 50/60Hz

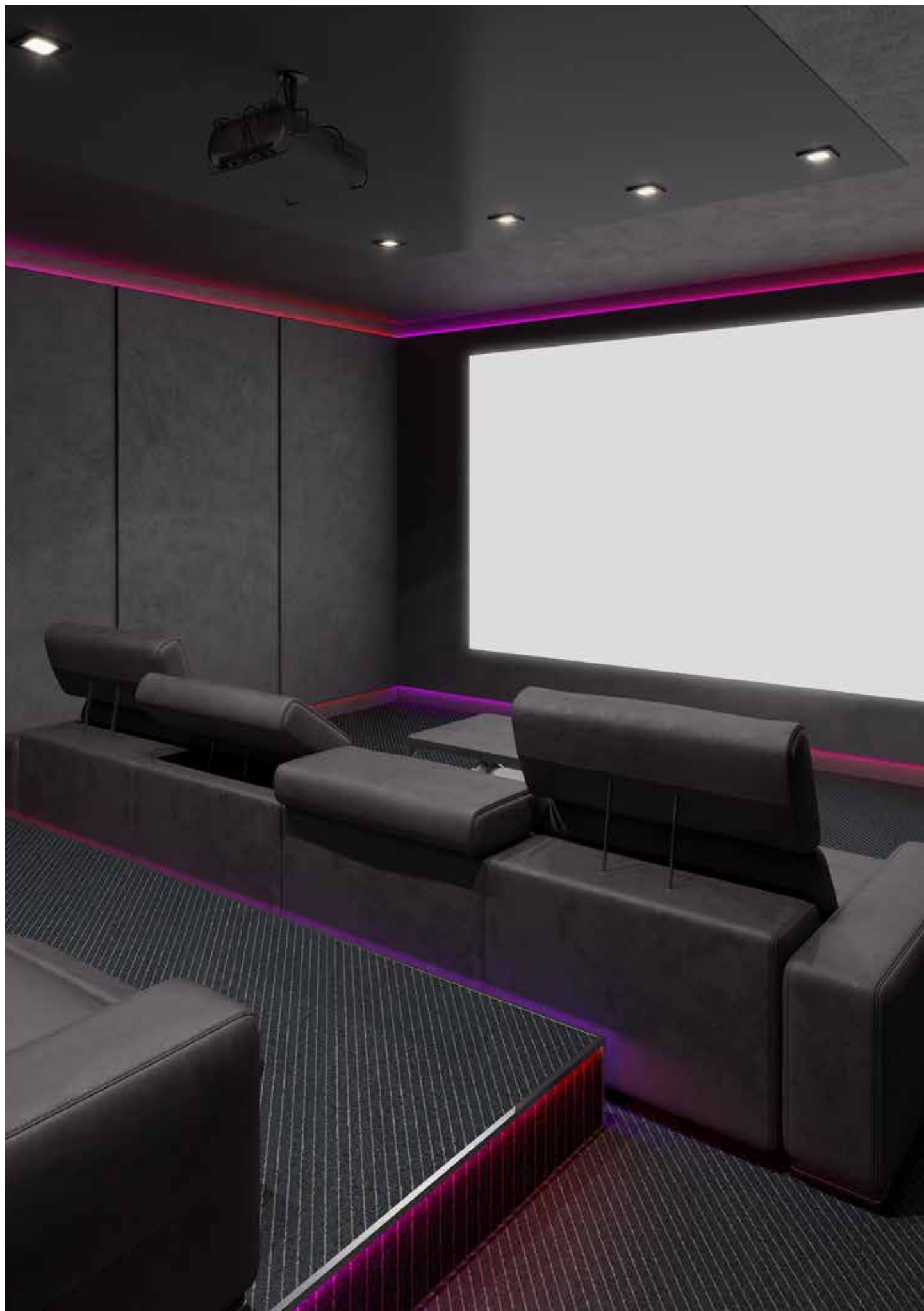


PAR16 GU10 LED
220-240V 50/60Hz



MR16 GU5.3 LED
12V AC/DC



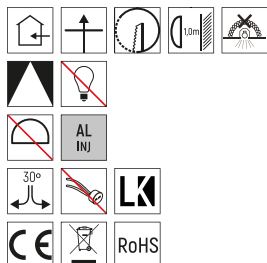




250/260/530/540



Especificações | Specifications | Spécifications | Especificaciones



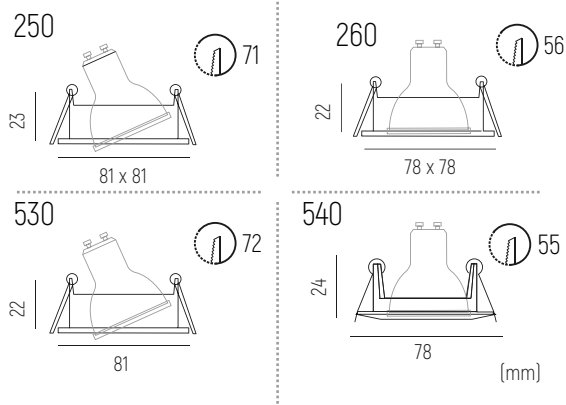
Standards

EN 60598-1
EN 60598-2-2

Opcional | Optional | Optionnel | Opcional



Dimensões | Dimensions | Dimensions | Dimensiones



250



W 1710750029 PAR16 GU10 9W / MR16 GU5.3 6W
ST 1710750030

530



W 1710750027 PAR16 GU10 9W / MR16 GU5.3 6W
ST 1710750028

260



W 1710750023 PAR16 GU10 9W / MR16 GU5.3 6W
ST 1710750024

540



W 1710750025 PAR16 GU10 9W / MR16 GU5.3 6W
ST 1710750026

Compatível com | Compatible with | Compatible avec | Compatible con



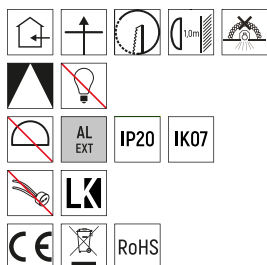


ZEN



UGR<16

Especificações | Specifications | Spécifications | Especificaciones



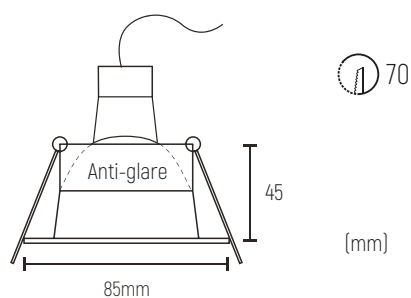
Standards

EN 60598-1
EN 60598-2-2

Opcional | Optional | Optionnel | Opcional



Dimensões | Dimensions | Dimensions | Dimensiones



ZEN

W 1710750162 PAR16 GU10 9W / MR16 GU5,3 6W

PA 1710750163 PAR16 GU10 9W / MR16 GU5,3 6W

Outras Informações | Other Informations | Autres renseignements | Otras informaciones



Compatível com | Compatible with | Compatible avec | Compatible con



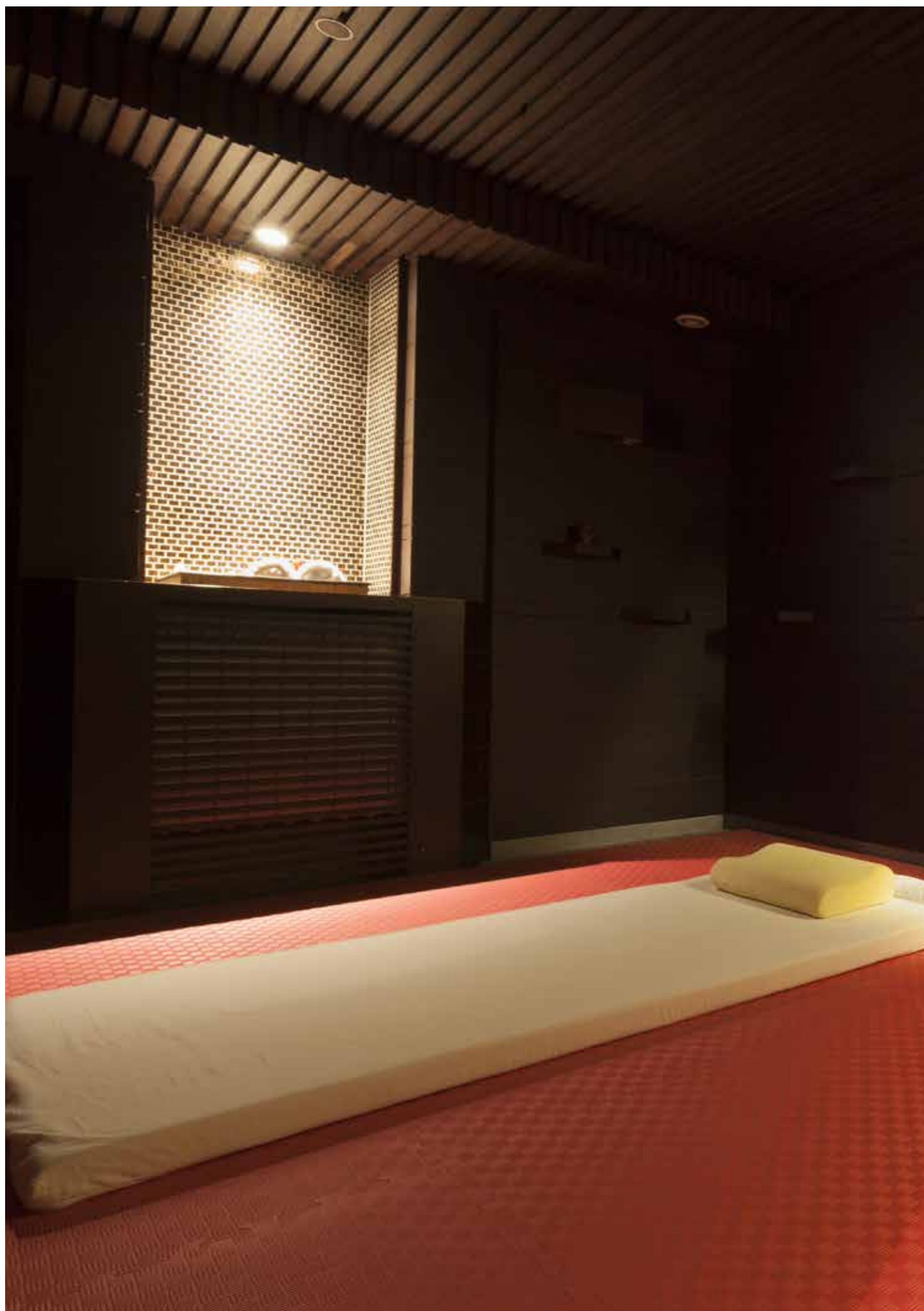
PAR16 GU10 LED DIM
220-240V 50/60Hz



PAR16 GU10 LED
220-240V 50/60Hz



MR16 GU5.3 LED
12V AC/DC

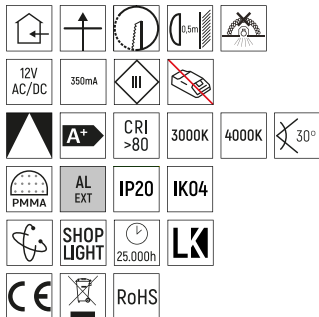


OSCILED / FIXLED



LED

Especificações | Specifications | Spécifications | Especificaciones



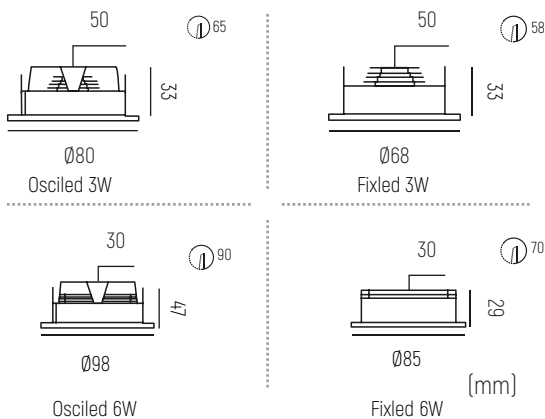
Standards

EN 60598-1
EN 60598-2-2
EN 62471

Opcional | Optional | Optionnel | Opcional



Dimensões | Dimensions | Dimensions | Dimensiones



OSCILED 3

1660750069 LED 3W 4200K 15° 270Lm

OSCILED 6

1660750072 LED 6W 3000K 15° 540Lm
1660750071 LED 6W 4200K 15° 540Lm

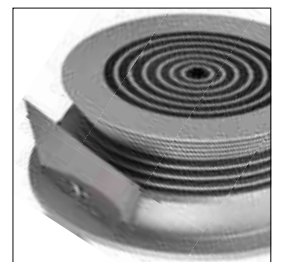
FIXLED 3

1660750038 LED 3W 3000K 15° 270Lm

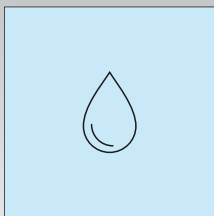
FIXLED 6

1660750040 LED 6W 3000K 15° 540Lm
1660750039 LED 6W 4200K 15° 540Lm

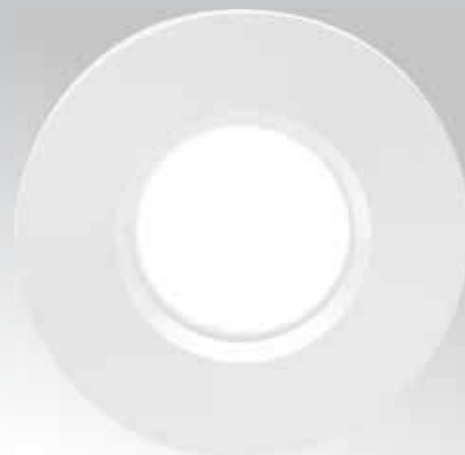
Outras Informações | Other Informations | Autres renseignements | Otras informaciones



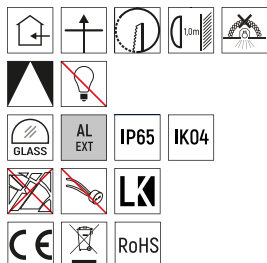




CANUZAPU



Especificações | Specifications | Spécifications | Especificaciones



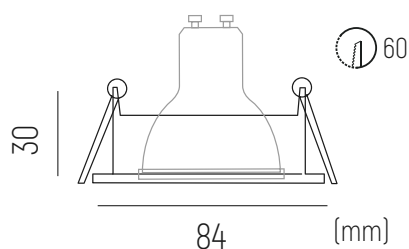
Standards

EN 60598-1
EN 60598-2-2

Opcional | Optional | Optionnel | Opcional



Dimensões | Dimensions | Dimensions | Dimensiones



CANUZAPU

W	1710750161	PAR16 GU10 9W / MR16 GU5,3 6W
BA	1710750056	

Outras Informações | Other Informations | Autres renseignements | Otras informaciones



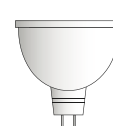
Compatível com | Compatible with | Compatible avec | Compatible con



PAR16 GU10 LED DIM
220-240V 50/60Hz

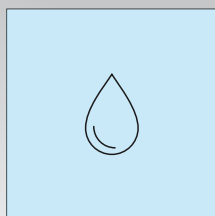


PAR16 GU10 LED
220-240V 50/60Hz



MR16 GU5.3 LED
12V AC/DC



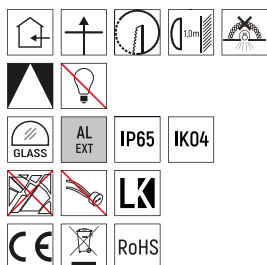


ZEN IP65



UGR<16

Especificações | Specifications | Spécifications | Especificaciones



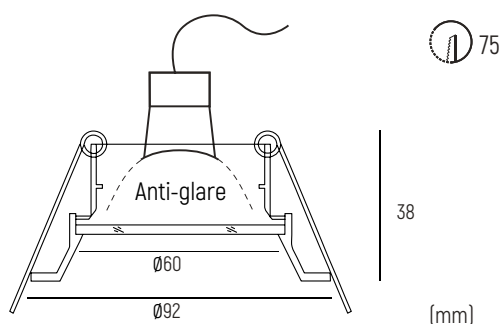
Standards

EN 60598-1
EN 60598-2-2

Opcional | Optional | Optionnel | Opcional



Dimensões | Dimensions | Dimensiones | Dimensiones



ZEN IP65

W 1710750170 PAR16 GU10 9W / MR16 GU5,3 6W



PA 1710750171 PAR16 GU10 9W / MR16 GU5,3 6W

Outras Informações | Other Informations | Autres renseignements | Otras informaciones



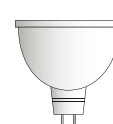
Compatível com | Compatible with | Compatible avec | Compatible con



PAR16 GU10 LED DIM
220-240V 50/60Hz

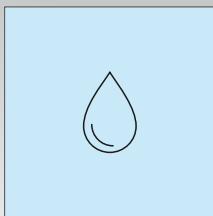


PAR16 GU10 LED
220-240V 50/60Hz



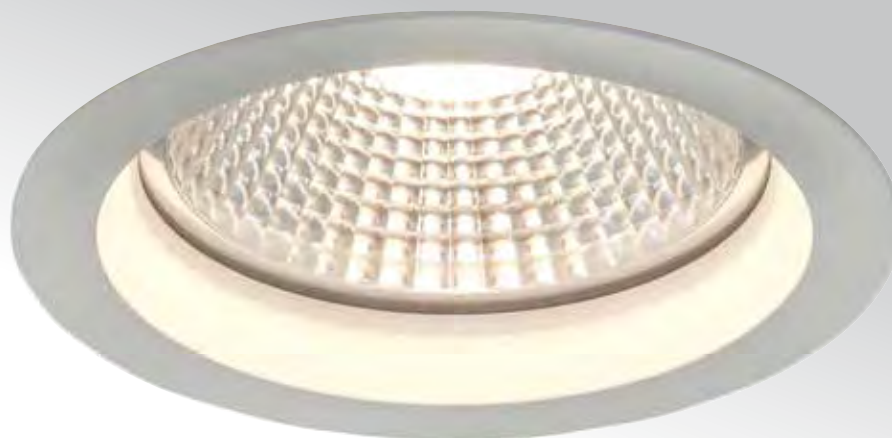
MR16 GU5.3 LED
12V AC/DC





ZEN XL IP65

20W 2000Lm
30W 3000Lm

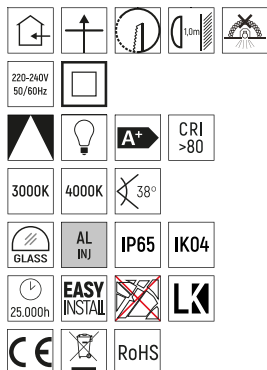


LED
ENGINE



UGR<19

Especificações | Specifications | Spécifications | Especificaciones



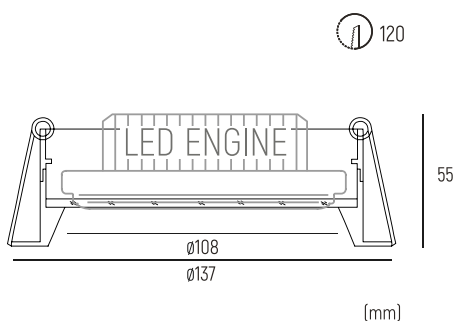
Standards

EN 60598-1
EN 60598-2-2
EN 62471
EN 62493
EN 55015
EN 61547
EN 61000-3-2
EN 61000-3-3

Opcional | Optional | Optionnel | Opcional



Dimensões | Dimensions | Dimensionen | Dimensiones



ZEN XL IP65

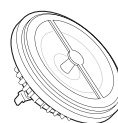
W	
1710750172-851	LED ENGINE 30W 3000K 38° 3000Lm
1710750172-850	LED ENGINE 30W 4000K 38° 3000Lm
1710750172-853	LED ENGINE 20W 3000K 38° 2000Lm
1710750172-852	LED ENGINE 20W 4000K 38° 2000Lm
1710750172	AR111 SCOB / AR111 G53 15W 12V AC/DC

Outras Informações | Other Informations | Autres renseignements | Otras informaciones

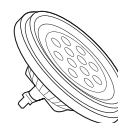


LED
COMPATIBLE

Compatível com | Compatible with | Compatible avec | Compatible con



AR 111 SCOB G53 LED | 12V



AR 111 G53 LED | 12V

Driver | Driver | Convertisseur | Driver



PHILIPS CertaDrive 20W 0,5A | 34W 0,8A
INPUT: 220-240V 50/60Hz



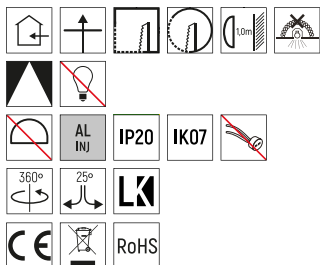


DEEP-S



UGR<16

Especificações | Specifications | Spécifications | Especificaciones



Standards

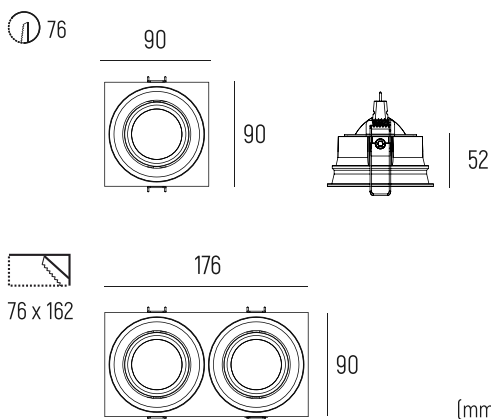
EN 60598-1

EN 60598-2-2

Opcional | Optional | Optionnel | Opcional



Dimensões | Dimensions | Dimensions | Dimensiones



DEEP-S1

W 2830750018 PAR16 GU10 9W / MR16 GU5,3 6W
K 2830750370

DEEP-S2

W 2830750019 2 x PAR16 GU10 9W / MR16 GU5,3 6W
K 2830750371

Acessórios | Accessories | Accesorios | Accessoires



I. Grelha favo de mel
I. Honeycomb grid
I. Nid d'abeille
I. Regilla panel

2830570010



II. Difusor vidro fosco
II. Frosted Glass diffuser
II. Diffuseur verre dépoli
II. Difusor en vidrio mate

2830570011



III. Difusor vidro prismático
III. Prismatic Glass diffuser
III. Diffuseur verre prismatique
III. Difusor en vidrio prismático

2830570012

Outras Informações | Other Informations | Autres renseignements | Otras informaciones



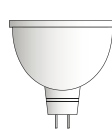
Compatível com | Compatible with | Compatible avec | Compatible con



PAR16 GU10 LED DIM
220-240V 50/60Hz



PAR16 GU10 LED
220-240V 50/60Hz

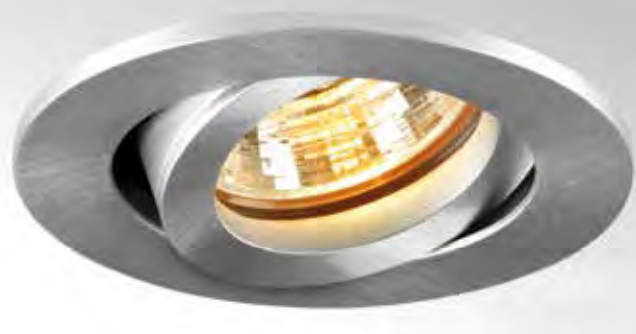


MR16 GU5.3 LED
12V AC/DC

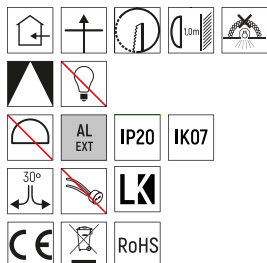
Two circular white buttons with black concentric circles, labeled 'a' and 'b'.



RONDO



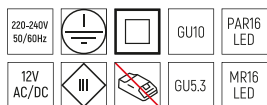
Especificações | Specifications | Spécifications | Especificaciones



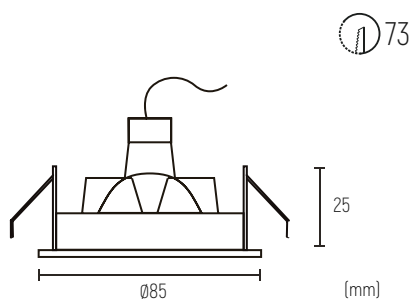
Standards

EN 60598-1
EN 60598-2-2

Opcional | Optional | Optionnel | Opcional



Dimensões | Dimensions | Dimensions | Dimensiones



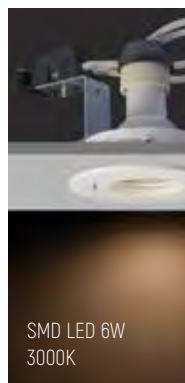
RONDO

W 1710750160 PAR16 GU10 9W / MR16 GU5,3 6W

K 1710750169 PAR16 GU10 9W / MR16 GU5,3 6W

PA 1710750035 PAR16 GU10 9W / MR16 GU5,3 6W

Outras Informações | Other Informations | Autres renseignements | Otras informaciones



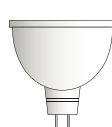
Compatível com | Compatible with | Compatible avec | Compatible con



PAR16 GU10 LED DIM
220-240V 50/60Hz



PAR16 GU10 LED
220-240V 50/60Hz



MR16 GU5.3 LED
12V AC/DC





CIRCUSPOT

20W 2000Lm
30W 3000Lm

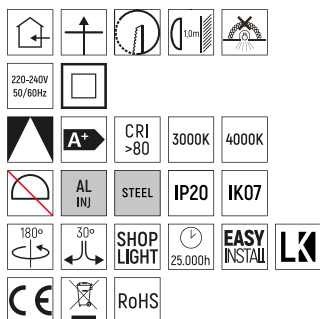


LED
ENGINE



UGR<19

Especificações | Specifications | Spécifications | Especificaciones



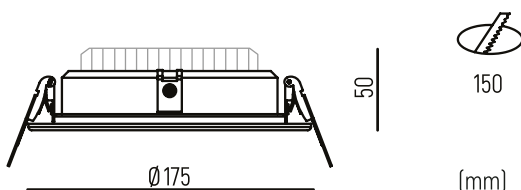
Standards

EN 60598-1
EN 60598-2-2
EN 62471
EN 62493
EN 55015
EN 61547
EN 61000-3-2
EN 61000-3-3

Opcional | Optional | Optionnel | Opcional



Dimensões | Dimensions | Dimensiones | Dimensiones



CIRCUSPOT

W	2780750007-851	LED ENGINE 30W 3000K 38° 3000Lm
	2780750007-850	LED ENGINE 30W 4000K 38° 3000Lm
	2780750007-853	LED ENGINE 20W 3000K 38° 2000Lm
	2780750007-852	LED ENGINE 20W 4000K 38° 2000Lm
	2780750007	AR111 SCOB / AR111 G53 15W 12V AC/DC

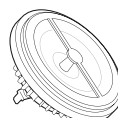
K	2780750008-851	LED ENGINE 30W 3000K 38° 3000Lm
	2780750008-850	LED ENGINE 30W 4000K 38° 3000Lm
	2780750008-853	LED ENGINE 20W 3000K 38° 2000Lm
	2780750008-852	LED ENGINE 20W 4000K 38° 2000Lm
	2780750008	AR111 SCOB / AR111 G53 15W 12V AC/DC

Outras Informações | Other Informations | Autres renseignements | Otras informaciones

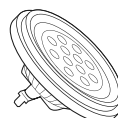


LED
COMPATIBLE

Compatível com | Compatible with | Compatible avec | Compatible con



AR 111 SCOB G53 LED | 12V



AR 111 G53 LED | 12V





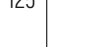
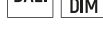
TECHNO LED

30W **3000Lm**



UGR<19

Especificações | Specifications | Spécifications | Especificaciones



Standards

EN 60598-1
EN 60598-2-2
EN 62471
EN 62493
EN 55015
EN 61547
EN 61000-3-2
EN 61000-3-3



TECHNO LED

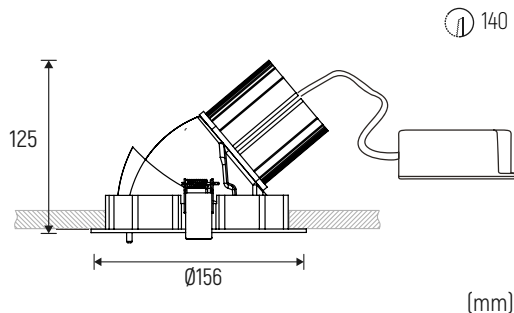
W	2780750030	LED 30W 3000K 24° 3000Lm
	2780750031	LED 30W 4000K 24° 3000Lm
	2780750009	LED 30W 3000K 38° 3000Lm
	2780750010	LED 30W 4000K 38° 3000Lm

K	2780750032	LED 30W 3000K 24° 3000Lm
	2780750033	LED 30W 4000K 24° 3000Lm
	2780750016	LED 30W 3000K 38° 3000Lm
	2780750017	LED 30W 4000K 38° 3000Lm

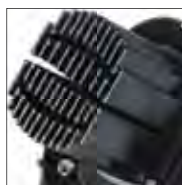
Opcional | Optional | Optionnel | Opcional



Dimensões | Dimensions | Dimensiones | Dimensiones



Outras Informações | Other Informations | Autres renseignements | Otras informaciones



Driver | Driver | Convertisseur | Driver



PHILIPS CertaDrive 34W 0,8A
INPUT: 220-240V 50/60Hz



Produtos Relacionados | Related Products | Produits Connexes | Productos Relacionados

VERSATIS-T
P. 55



VERSATIS-P
P. 123



VERSATIS-RS
P. 101



VERSATIS-SP
P. 125



VERSATIS-S
P. 121



VERSATIS-SQ
P. 109



VERSATIS-RD

20W **1650Lm**
1700Lm

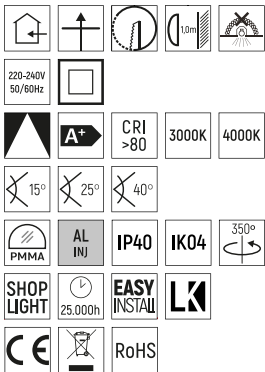
LED
ENGINE

CREE
LED chips inside



UGR<16

Especificações | Specifications | Spécifications | Especificaciones



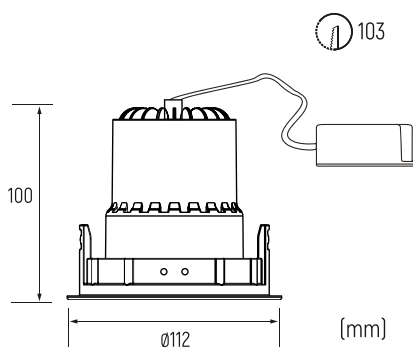
Standards

EN 60598-1
EN 60598-2-2
EN 62471
EN 62493
EN 55015
EN 61547
EN 61000-3-2
EN 61000-3-3

Opcional | Optional | Optionnel | Opcional



Dimensões | Dimensions | Dimensions | Dimensiones



VERSATIS-RD

W	
2830750007-005	LED ENGINE 20W 3000K 15° 1650Lm
2830750007-003	LED ENGINE 20W 4000K 15° 1700Lm
2830750007-006	LED ENGINE 20W 3000K 25° 1650Lm
2830750007-004	LED ENGINE 20W 4000K 25° 1700Lm
2830750007-001	LED ENGINE 20W 3000K 40° 1650Lm
2830750007-002	LED ENGINE 20W 4000K 40° 1700Lm

Outras Informações | Other Informations | Autres renseignements | Otras informaciones



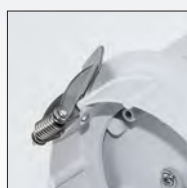
Driver | Driver | Convertisseur | Driver

VS LIGHTING
SOLUTIONS

EXCe 500.230
INPUT: 220-240V 60Hz



Outras Informações | Other Informations | Autres renseignements | Otras informaciones



Produtos Relacionados | Related Products | Produits Connexes | Productos Relacionados

VERSATIS-RD
P. 99



VERSATIS-P
P. 123



VERSATIS-S
P. 101



VERSATIS-SP
P. 125



VERSATIS-T
P. 55

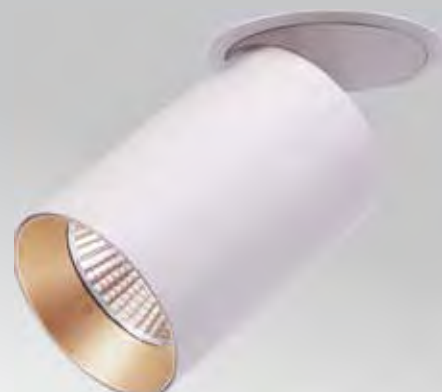


VERSATIS-SQ
P. 109



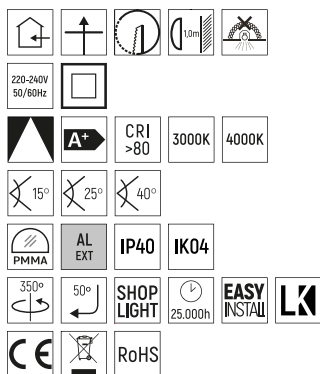
VERSATIS-RS

20W **1650Lm**
1700Lm



UGR<16

Especificações | Specifications | Spécifications | Especificaciones



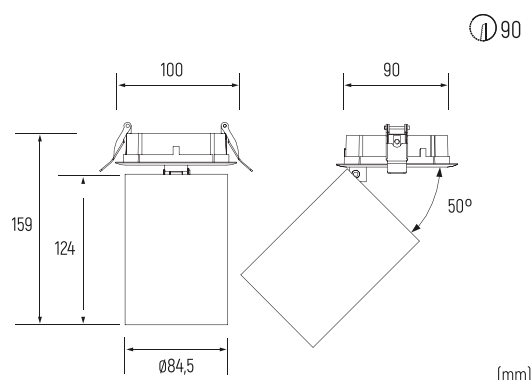
Standards

EN 60598-1
EN 60598-2-2
EN 62471
EN 62493
EN 55015
EN 61547
EN 61000-3-2
EN 61000-3-3

Opcional | Optional | Optionnel | Opcional



Dimensões | Dimensions | Dimensions | Dimensiones



VERSATIS-RS

W	W		
28307501000	LED 20W 3000K 15°	1650Lm	
28307501055	LED 20W 4000K 15°	1700Lm	
28307501100	LED 20W 3000K 25°	1650Lm	
28307501155	LED 20W 4000K 25°	1700Lm	
28307501200	LED 20W 3000K 40°	1650Lm	
28307501233	LED 20W 4000K 40°	1700Lm	

W	K		
28307501011	LED 20W 3000K 15°	1650Lm	
28307501066	LED 20W 4000K 15°	1700Lm	
28307501111	LED 20W 3000K 25°	1650Lm	
28307501166	LED 20W 4000K 25°	1700Lm	
28307500003-001	LED 20W 3000K 40°	1650Lm	
28307500003-002	LED 20W 4000K 40°	1700Lm	

W	GD		
28307501022	LED 20W 3000K 15°	1650Lm	
28307501077	LED 20W 4000K 15°	1700Lm	
28307501122	LED 20W 3000K 25°	1650Lm	
28307501177	LED 20W 4000K 25°	1700Lm	
28307501211	LED 20W 3000K 40°	1650Lm	
28307501244	LED 20W 4000K 40°	1700Lm	



K	K		
28307501033	LED 20W 3000K 15°	1650Lm	
28307501088	LED 20W 4000K 15°	1700Lm	
28307501133	LED 20W 3000K 25°	1650Lm	
28307501188	LED 20W 4000K 25°	1700Lm	
28307500004-001	LED 20W 3000K 40°	1650Lm	
28307500004-002	LED 20W 4000K 40°	1700Lm	

K	GD		
28307501044	LED 20W 3000K 15°	1650Lm	
28307501099	LED 20W 4000K 15°	1700Lm	
28307501144	LED 20W 3000K 25°	1650Lm	
28307501199	LED 20W 4000K 25°	1700Lm	
28307501222	LED 20W 3000K 40°	1650Lm	
28307501255	LED 20W 4000K 40°	1700Lm	





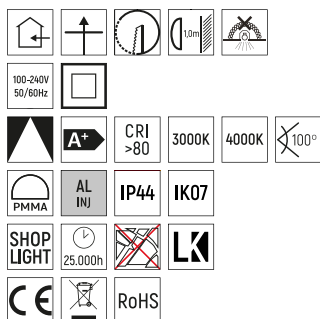
EFFICIENT

24W 1800Lm | 1900Lm
34W 2550Lm | 2650Lm



LED UGR<19

Especificações | Specifications | Spécifications | Especificaciones



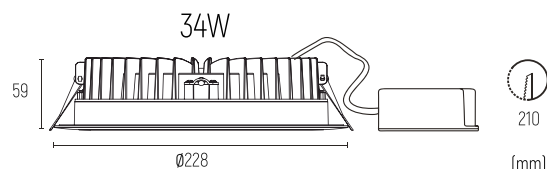
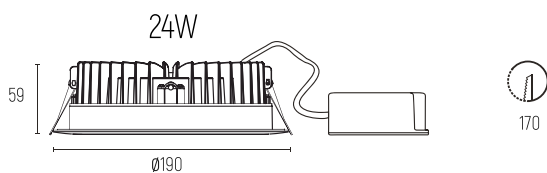
Standards

EN 60598-1
EN 60598-2-2
EN 62471
EN 62493
EN 55015
EN 61547
EN 61000-3-2
EN 61000-3-3

Opcional | Optional | Optionnel | Opcional



Dimensões | Dimensions | Dimensiones | Dimensiones



EFFICIENT 24

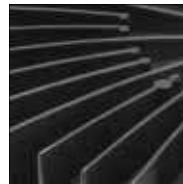
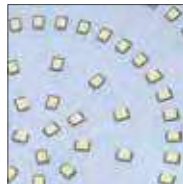
W	2830750008	LED 24W 3000K 100° 1800Lm
W	2830750009	LED 24W 4000K 100° 1900Lm
K	2830750028	LED 24W 3000K 100° 1800Lm
K	2830750023	LED 24W 4000K 100° 1900Lm
MG	2830750025	LED 24W 3000K 100° 1800Lm
MG	2830750027	LED 24W 4000K 100° 1900Lm



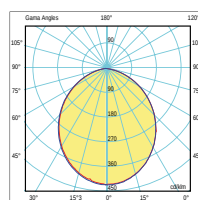
EFFICIENT 34

W	2830750010	LED 34W 3000K 100° 2550Lm
W	2830750011	LED 34W 4000K 100° 2650Lm
K	2830750026	LED 34W 3000K 100° 2550Lm
K	2830750029	LED 34W 4000K 100° 2650Lm
MG	2830750030	LED 34W 3000K 100° 2550Lm
MG	2830750031	LED 34W 4000K 100° 2650Lm

Outras Informações | Other Informations | Autres renseignements | Otras informaciones



Fotometria | Photometry | Fotometria | Photométrie



Efficient 34





EFFICIENT-D

34W **2550Lm** | **2650Lm**



34W LED

UGR<19

DECO
effect

Especificações | Specifications | Spécifications | Especificaciones



100-240V
50/60Hz



CRI
>80

3000K

4000K



GLASS

PMMA

AL
INJ

IP44

IK07

SHOP
LIGHT

25.000h



LK



RoHS

Standards

EN 60598-1

EN 60598-2-2

EN 62471

EN 62493

EN 55015

EN 61547

EN 61000-3-2

EN 61000-3-3

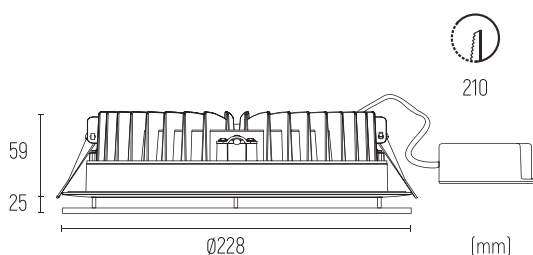
Opcional | Optional | Optionnel | Opcional

DALI

PUSH
DIM

0-10V

Dimensões | Dimensions | Dimensions | Dimensiones



EFFICIENT-D

W

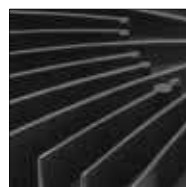
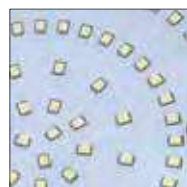
2830750021

LED 34W 3000K 100° 2550Lm

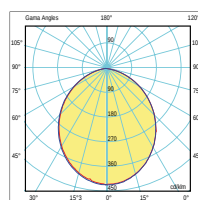
2830750022

LED 34W 4000K 100° 2650Lm

Outras Informações | Other Informations | Autres renseignements | Otras informaciones



Fotometria | Photometry | Fotometria | Photométrie



Efficient 34





ROUND LED

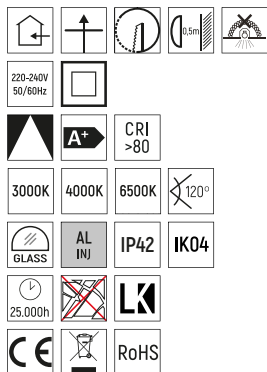
6W 420Lm | **12W** 840Lm | **18W** 1260Lm



3035 LED



Especificações | Specifications | Spécifications | Especificaciones



Standards

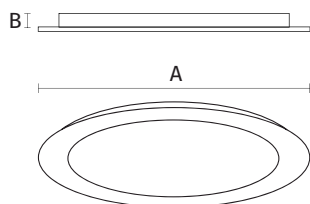
EN 60598-1
EN 60598-2-2
EN 62471
EN 62493
EN 55015
EN 61547
EN 61000-3-2
EN 61000-3-3

Opcional | Optional | Optionnel | Opcional



Dimensões | Dimensions | Dimensions | Dimensiones

	A	B	⌀
6W	Ø120	13	Ø105
12W	Ø170	13	Ø155
18W	Ø225	13	Ø210



(mm)

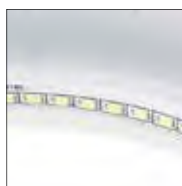
ROUND LED



W

2820750006	6W	3000K	120°	420Lm
2820750001	6W	4200K	120°	420Lm
2820750015	6W	6500K	120°	420Lm
2820750007	12W	3000K	120°	840Lm
2820750002	12W	4200K	120°	840Lm
2820750016	12W	6500K	120°	840Lm
2820750008	18W	3000K	120°	1260Lm
2820750003	18W	4200K	120°	1260Lm
2820750017	18W	6500K	120°	1260Lm

Outras Informações | Other Informations | Autres renseignements | Otras informaciones





Produtos Relacionados | Related Products | Produits Connexes | Productos Relacionados

VERSATIS-T
P. 55



VERSATIS-P
P. 123



VERSATIS-RS
P. 101



VERSATIS-SP
P. 125



VERSATIS-S
P. 121



VERSATIS-RD
P. 109



VERSATIS-SQ

20W **1650Lm**
1700Lm



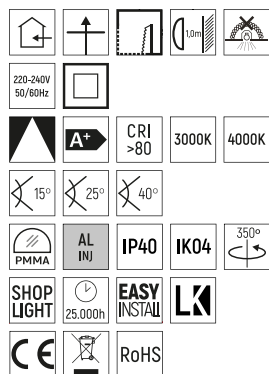
LED
ENGINE

CREE
LED chips inside



UGR<16

Especificações | Specifications | Spécifications | Especificaciones



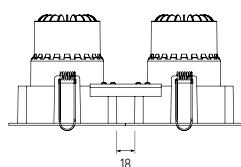
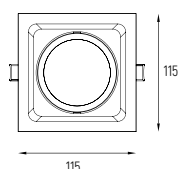
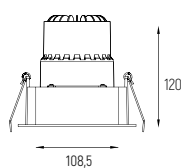
Standards

EN 60598-1
EN 60598-2-2
EN 62471
EN 62493
EN 55015
EN 61547
EN 61000-3-2
EN 61000-3-3

Opcional | Optional | Optionnel | Opcional



Dimensões | Dimensions | Dimensions | Dimensiones



(mm)

VERSATIS-SQ



W

28307502722 LED ENGINE 20W 3000K 15° 1650Lm
28307502733 LED ENGINE 20W 4000K 15° 1700Lm
28307502744 LED ENGINE 20W 3000K 25° 1650Lm
28307502755 LED ENGINE 20W 4000K 25° 1700Lm
28307502766 LED ENGINE 20W 3000K 40° 1650Lm
28307502777 LED ENGINE 20W 4000K 40° 1700Lm



K

28307502788 LED ENGINE 20W 3000K 15° 1650Lm
28307502800 LED ENGINE 20W 4000K 15° 1700Lm
28307502799 LED ENGINE 20W 3000K 25° 1650Lm
28307502811 LED ENGINE 20W 4000K 25° 1700Lm
28307502822 LED ENGINE 20W 3000K 40° 1650Lm
28307502833 LED ENGINE 20W 4000K 40° 1700Lm

Acessórios | Accessories | Accesorios | Accessoires



2830570023 Conexão | Connection | Connexion | Conexión

Outras Informações | Other Informations | Autres renseignements | Otras informaciones



Driver | Driver | Convertisseur | Driver

VS LIGHTING
SOLUTIONS

EXCe 500.230
INPUT: 220-240V 60Hz



PARALED

LED
ENGINE



UGR<19

Especificações | Specifications | Spécifications | Especificaciones



220-240V
50/60Hz



A+
CRI
>80

3000K

4000K

38°



AL
INJ

IP20

IK07



180°

25°

SHOP
LIGHT



25.000h

EASY
INSTALL



RoHS

Standards

EN 60598-1
EN 60598-2-2
EN 62471
EN 62493
EN 55015
EN 61547
EN 61000-3-2
EN 61000-3-3

Opcional | Optional | Optionnel | Opcional

12V
AC/DC



G53

111
LED

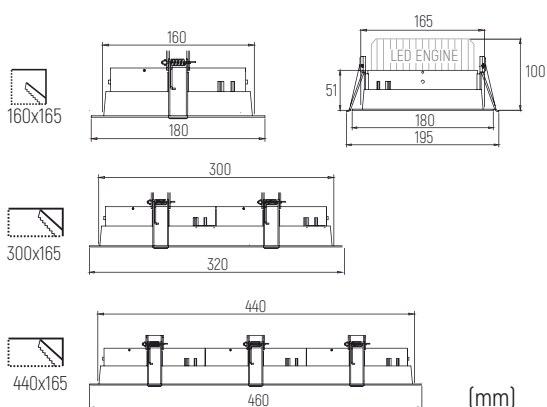
DALI



PUSH
DIM

0-10V

Dimensões | Dimensions | Dimensions | Dimensiones



(mm)

PARALED 1



W

2780750020-851 LED ENGINE 30W 3000K 38° 3000Lm
2780750020-850 LED ENGINE 30W 4000K 38° 3000Lm
2780750020-853 LED ENGINE 20W 3000K 38° 2000Lm
2780750020-852 LED ENGINE 20W 4000K 38° 2000Lm
2780750020 AR111 SCOB / AR111 G53 15W 12V AC/DC

PARALED 2



W

2780750022-851 LED ENGINE 2x30W 3000K 38° 6000Lm
2780750022-850 LED ENGINE 2x30W 4000K 38° 6000Lm
2780750022-853 LED ENGINE 2x20W 3000K 38° 4000Lm
2780750022-852 LED ENGINE 2x20W 4000K 38° 4000Lm
2780750022 AR111 SCOB / AR111 G53 2x15W 12V AC/DC

PARALED 3

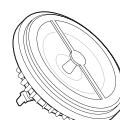


W

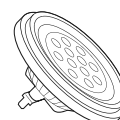
2780750024-851 LED ENGINE 3x30W 3000K 38° 9000Lm
2780750024-850 LED ENGINE 3x30W 4000K 38° 9000Lm
2780750024-853 LED ENGINE 3x20W 3000K 38° 6000Lm
2780750024-852 LED ENGINE 3x20W 4000K 38° 6000Lm
2780750024 AR111 SCOB / AR111 G53 3x15W 12V AC/DC

LED
COMPATIBLE

Compatível com | Compatible with | Compatible avec | Compatible con



AR 111 SCOB G53 LED | 12V



AR 111 G53 LED | 12V



PARALED

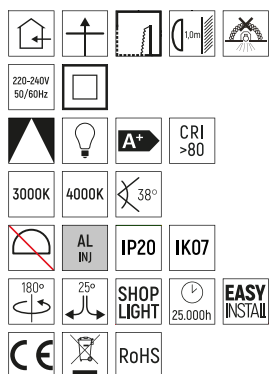


LED
ENGINE



UGR<19

Especificações | Specifications | Spécifications | Especificaciones



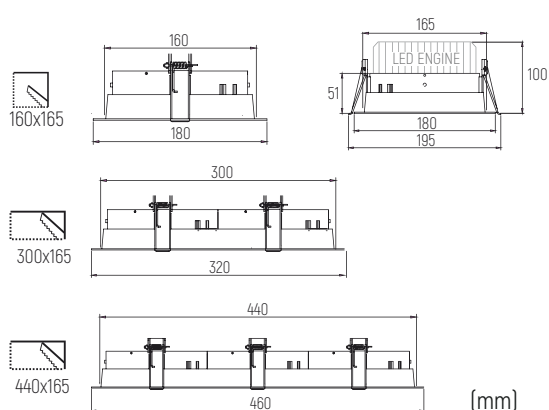
Standards

EN 60598-1
EN 60598-2-2
EN 62471
EN 62493
EN 55015
EN 61547
EN 61000-3-2
EN 61000-3-3

Opcional | Optional | Optionnel | Opcional



Dimensões | Dimensions | Dimensions | Dimensiones



(mm)

PARALED 1



K

2780750021-851 LED ENGINE 30W 3000K 38° 3000Lm
2780750021-850 LED ENGINE 30W 4000K 38° 3000Lm
2780750021-853 LED ENGINE 20W 3000K 38° 2000Lm
2780750021-852 LED ENGINE 20W 4000K 38° 2000Lm
2780750021 AR111 SCOB / AR111 G53 15W 12V AC/DC

PARALED 2



K

2780750023-851 LED ENGINE 2x30W 3000K 38° 6000Lm
2780750023-850 LED ENGINE 2x30W 4000K 38° 6000Lm
2780750023-853 LED ENGINE 2x20W 3000K 38° 4000Lm
2780750023-852 LED ENGINE 2x20W 4000K 38° 4000Lm
2780750023 AR111 SCOB / AR111 G53 2x15W 12V AC/DC

PARALED 3

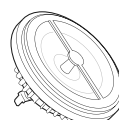


K

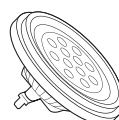
2780750025-851 LED ENGINE 3x30W 3000K 38° 9000Lm
2780750025-850 LED ENGINE 3x30W 4000K 38° 9000Lm
2780750025-853 LED ENGINE 3x20W 3000K 38° 6000Lm
2780750025-852 LED ENGINE 3x20W 4000K 38° 6000Lm
2780750025 AR111 SCOB / AR111 G53 3x15W 12V AC/DC

LED
COMPATIBLE

Compatível com | Compatible with | Compatible avec | Compatible con



AR 111 SCOB G53 LED | 12V



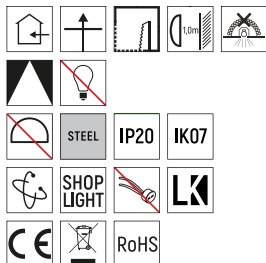
AR 111 G53 LED | 12V



PARADOX COMBI



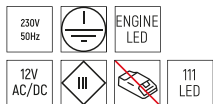
Especificações | Specifications | Spécifications | Especificaciones



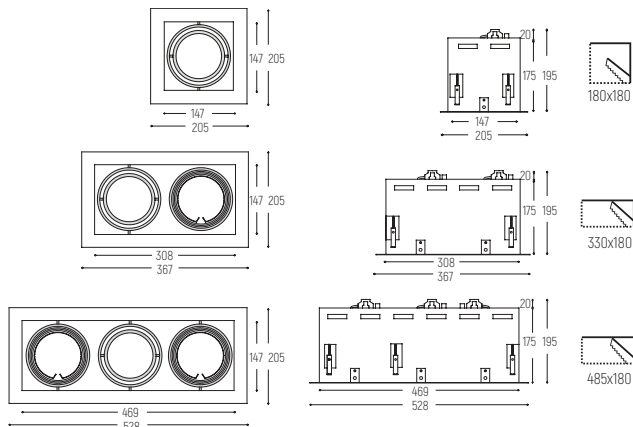
Standards

EN 60598-1
EN 60598-2-2

Opcional | Optional | Optionnel | Opcional



Dimensões | Dimensions | Dimensions | Dimensiones



(mm)

Lumitek

PARADOX COMBI 1



1380752043 COLOURLUX / AR111 SCOB / AR111 LED
1380752042
1380752044

PARADOX COMBI 2



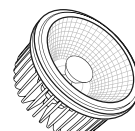
1380752052 2 x COLOURLUX / AR111 SCOB / AR111 LED
1380752053
1380752054

PARADOX COMBI 3

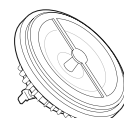


1380752064 3 x COLOURLUX / AR111 SCOB / AR111 LED
1380752062
1380752063

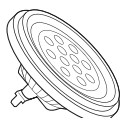
Compatível com | Compatible with | Compatible avec | Compatible con



COLOURLUX LED
220/240V 50/60Hz



AR 111 SCOB G53 LED
12V



AR 111 G53 LED
12V

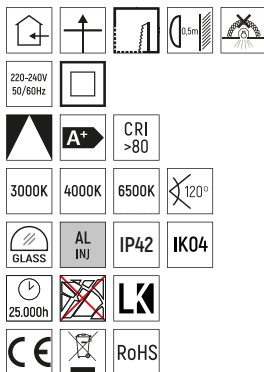


SQUARE LED

6W 420Lm | **12W** 840Lm | **18W** 1260Lm



Especificações | Specifications | Spécifications | Especificaciones



Standards

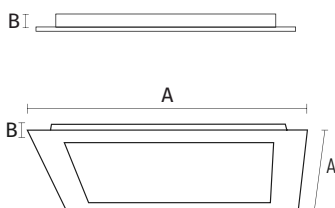
EN 60598-1
EN 60598-2-2
EN 62471
EN 62493
EN 55015
EN 61547
EN 61000-3-2
EN 61000-3-3

Opcional | Optional | Optionnel | Opcional



Dimensões | Dimensions | Dimensions | Dimensiones

	A	B	
6W	120	13	110 x 110
12W	170	13	155 x 155
18W	225	13	210 x 210



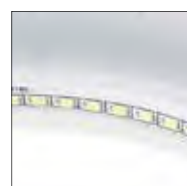
(mm)

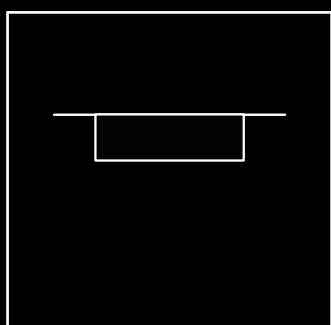
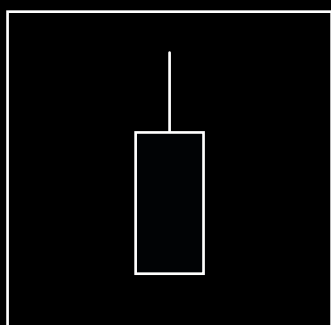
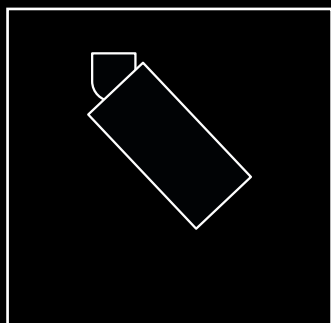
SQUARE LED



W	
2820750011	6W 3000K 120° 420Lm
2820750012	6W 4200K 120° 420Lm
2820750018	6W 6500K 120° 420Lm
2820750009	12W 3000K 120° 840Lm
2820750004	12W 4200K 120° 840Lm
2820750019	12W 6500K 120° 840Lm
2820750010	18W 3000K 120° 1260Lm
2820750005	18W 4200K 120° 1260Lm
2820750020	18W 6500K 120° 1260Lm

Outras Informações | Other Informations | Autres renseignements | Otras informaciones

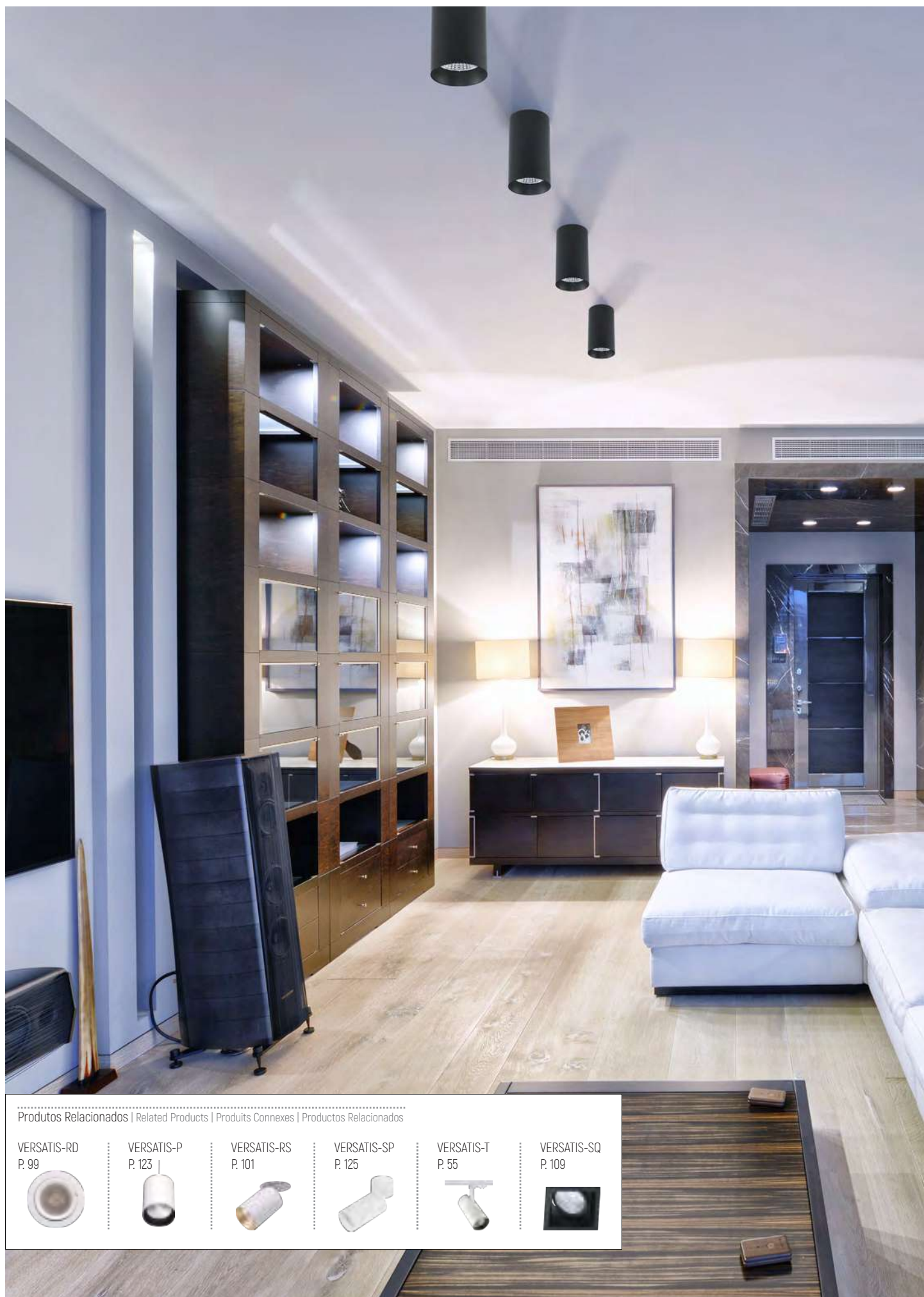




Su
Su



teto
aliente e
spensão



Produtos Relacionados | Related Products | Produits Connexes | Productos Relacionados

VERSATIS-RD
P. 99



VERSATIS-P
P. 123



VERSATIS-RS
P. 101



VERSATIS-SP
P. 125



VERSATIS-T
P. 55



VERSATIS-SQ
P. 109



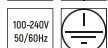
VERSATIS-S

20W **1650Lm**
1700Lm



UGR<16

Especificações | Specifications | Spécifications | Especificaciones



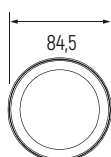
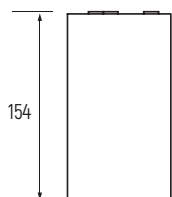
Standards

EN-60598-1
EN-60598-2-1
EN-62471
EN-62493
EN-55015
EN-61547
EN-61000-3-2
EN-61000-3-3

Opcional | Optional | Optionnel | Opcional



Dimensões | Dimensions | Dimensiones | Dimensiones



(mm)

VERSATIS-S



W	W		
28307501566	LED 20W 3000K 15°	1650Lm	
28307501611	LED 20W 4000K 15°	1700Lm	
28307501666	LED 20W 3000K 25°	1650Lm	
28307501711	LED 20W 4000K 25°	1700Lm	
28307501766	LED 20W 3000K 40°	1650Lm	
28307501799	LED 20W 4000K 40°	1700Lm	

W	K		
28307501577	LED 20W 3000K 15°	1650Lm	
28307501622	LED 20W 4000K 15°	1700Lm	
28307501677	LED 20W 3000K 25°	1650Lm	
28307501722	LED 20W 4000K 25°	1700Lm	
28307500001-001	LED 20W 3000K 40°	1650Lm	
28307500001-002	LED 20W 4000K 40°	1700Lm	

W	GD		
28307501588	LED 20W 3000K 15°	1650Lm	
28307501633	LED 20W 4000K 15°	1700Lm	
28307501688	LED 20W 3000K 25°	1650Lm	
28307501733	LED 20W 4000K 25°	1700Lm	
28307501777	LED 20W 3000K 40°	1650Lm	
28307501800	LED 20W 4000K 40°	1700Lm	



K	K		
28307501599	LED 20W 3000K 15°	1650Lm	
28307501644	LED 20W 4000K 15°	1700Lm	
28307501699	LED 20W 3000K 25°	1650Lm	
28307501744	LED 20W 4000K 25°	1700Lm	
28307500002-001	LED 20W 3000K 40°	1650Lm	
28307500002-002	LED 20W 4000K 40°	1700Lm	

K	GD		
28307501600	LED 20W 3000K 15°	1650Lm	
28307501655	LED 20W 4000K 15°	1700Lm	
28307501700	LED 20W 3000K 25°	1650Lm	
28307501755	LED 20W 4000K 25°	1700Lm	
28307501788	LED 20W 3000K 40°	1650Lm	
28307501811	LED 20W 4000K 40°	1700Lm	



Produtos Relacionados | Related Products | Produits Connexes | Productos Relacionados

VERSATIS-RD
P. 99



VERSATIS-RS
P. 101



VERSATIS-S
P. 121



VERSATIS-SP
P. 125



VERSATIS-T
P. 55



VERSATIS-SQ
P. 109



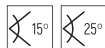
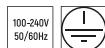
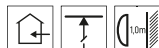
VERSATIS-P

20W 1650Lm
1700Lm



UGR<16

Especificações | Specifications | Spécifications | Especificaciones



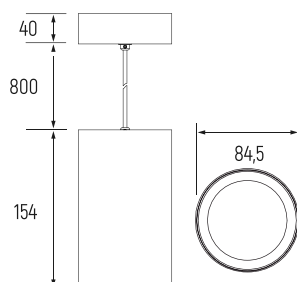
Standards

EN 60598-1
EN 60598-2-1
EN 62471
EN 62493
EN 55015
EN 61547
EN 61000-3-2
EN 61000-3-3

Opcional | Optional | Optionnel | Opcional



Dimensões | Dimensions | Dimensions | Dimensiones



(mm)

VERSATIS-P

W	W		
28307500355	LED 20W 3000K 15°	1650Lm	
28307500400	LED 20W 4000K 15°	1700Lm	
28307500455	LED 20W 3000K 25°	1650Lm	
28307500500	LED 20W 4000K 25°	1700Lm	
28307500555	LED 20W 3000K 40°	1650Lm	
28307500588	LED 20W 4000K 40°	1700Lm	

W	K		
28307500366	LED 20W 3000K 15°	1650Lm	
28307500411	LED 20W 4000K 15°	1700Lm	
28307500466	LED 20W 3000K 25°	1650Lm	
28307500511	LED 20W 4000K 25°	1700Lm	
2830750014-001	LED 20W 3000K 40°	1650Lm	
2830750014-002	LED 20W 4000K 40°	1700Lm	

W	GD		
28307500377	LED 20W 3000K 15°	1650Lm	
28307500422	LED 20W 4000K 15°	1700Lm	
28307500477	LED 20W 3000K 25°	1650Lm	
28307500522	LED 20W 4000K 25°	1700Lm	
28307500566	LED 20W 3000K 40°	1650Lm	
28307500599	LED 20W 4000K 40°	1700Lm	

K	K		
28307500388	LED 20W 3000K 15°	1650Lm	
28307500433	LED 20W 4000K 15°	1700Lm	
28307500488	LED 20W 3000K 25°	1650Lm	
28307500533	LED 20W 4000K 25°	1700Lm	
2830750016-001	LED 20W 3000K 40°	1650Lm	
2830750016-002	LED 20W 4000K 40°	1700Lm	

K	GD		
28307500399	LED 20W 3000K 15°	1650Lm	
28307500444	LED 20W 4000K 15°	1700Lm	
28307500499	LED 20W 3000K 25°	1650Lm	
28307500544	LED 20W 4000K 25°	1700Lm	
28307500577	LED 20W 3000K 40°	1650Lm	
28307500600	LED 20W 4000K 40°	1700Lm	



Produtos Relacionados | Related Products | Produits Connexes | Productos Relacionados

VERSATIS-RD
P. 99



VERSATIS-P
P. 123



VERSATIS-S
P. 121



VERSATIS-RS
P. 101



VERSATIS-T
P. 55



VERSATIS-SQ
P. 109



VERSATIS-SP

20W **1650Lm**
1700Lm



UGR<16

Especificações | Specifications | Spécifications | Especificaciones



100-240V
50/60Hz



CRI >80 3000K 4000K



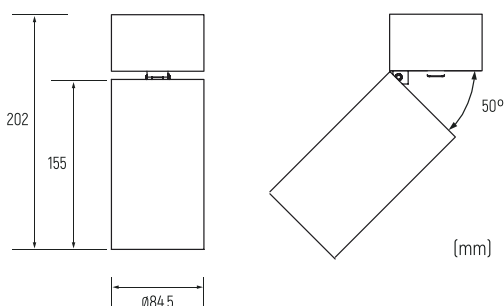
Standards

EN-60598-1
EN-60598-2-1
EN-62471
EN-62493
EN-55015
EN-61547
EN-61000-3-2
EN-61000-3-3

Opcional | Optional | Optionnel | Opcional



Dimensões | Dimensions | Dimensiones | Dimensiones



VERSATIS-SP



W	W		
28307502133	LED 20W 3000K 15°	1650Lm	
28307502188	LED 20W 4000K 15°	1700Lm	
28307502233	LED 20W 3000K 25°	1650Lm	
28307502266	LED 20W 4000K 25°	1700Lm	
28307502299	LED 20W 3000K 40°	1650Lm	
28307502166	LED 20W 4000K 40°	1700Lm	

W	K		
28307502155	LED 20W 3000K 15°	1650Lm	
28307502177	LED 20W 4000K 15°	1700Lm	
28307502222	LED 20W 3000K 25°	1650Lm	
28307502255	LED 20W 4000K 25°	1700Lm	
28307502277	LED 20W 3000K 40°	1650Lm	
28307502311	LED 20W 4000K 40°	1700Lm	

W	GD		
28307502144	LED 20W 3000K 15°	1650Lm	
28307502199	LED 20W 4000K 15°	1700Lm	
28307502244	LED 20W 3000K 25°	1650Lm	
28307502200	LED 20W 4000K 25°	1700Lm	
28307502300	LED 20W 3000K 40°	1650Lm	
28307502211	LED 20W 4000K 40°	1700Lm	



K	K		
28307502322	LED 20W 3000K 15°	1650Lm	
28307502344	LED 20W 4000K 15°	1700Lm	
28307502288	LED 20W 3000K 25°	1650Lm	
28307502388	LED 20W 4000K 25°	1700Lm	
28307502711	LED 20W 3000K 40°	1650Lm	
28307502400	LED 20W 4000K 40°	1700Lm	

K	GD		
28307502333	LED 20W 3000K 15°	1650Lm	
28307502355	LED 20W 4000K 15°	1700Lm	
28307502377	LED 20W 3000K 25°	1650Lm	
28307502399	LED 20W 4000K 25°	1700Lm	
28307502122	LED 20W 3000K 40°	1650Lm	
28307502366	LED 20W 4000K 40°	1700Lm	



Produtos Relacionados

Related Products | Produits Connexes | Productos Relacionados

NOVUN-W
P. 137



NOVUN-P
P. 129



NOVUN-T
P. 57

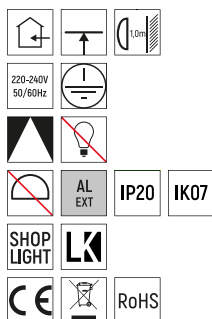


NOVUN-S



UGR<19

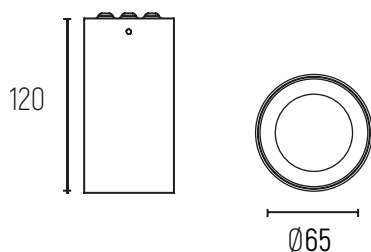
Especificações | Specifications | Spécifications | Especificaciones



Standards

EN 60598-1
EN 60598-2-1

Dimensões | Dimensions | Dimensiones | Dimensiones



(mm)

NOVUN-S



W	W	1760750077	PAR16 GU10 9W
W	K	1760750093	
W	GD	1760750094	



K	K	1760750078	PAR16 GU10 9W
K	GD	1760750095	

Outras Informações | Other Informations | Autres renseignements | Otras informaciones

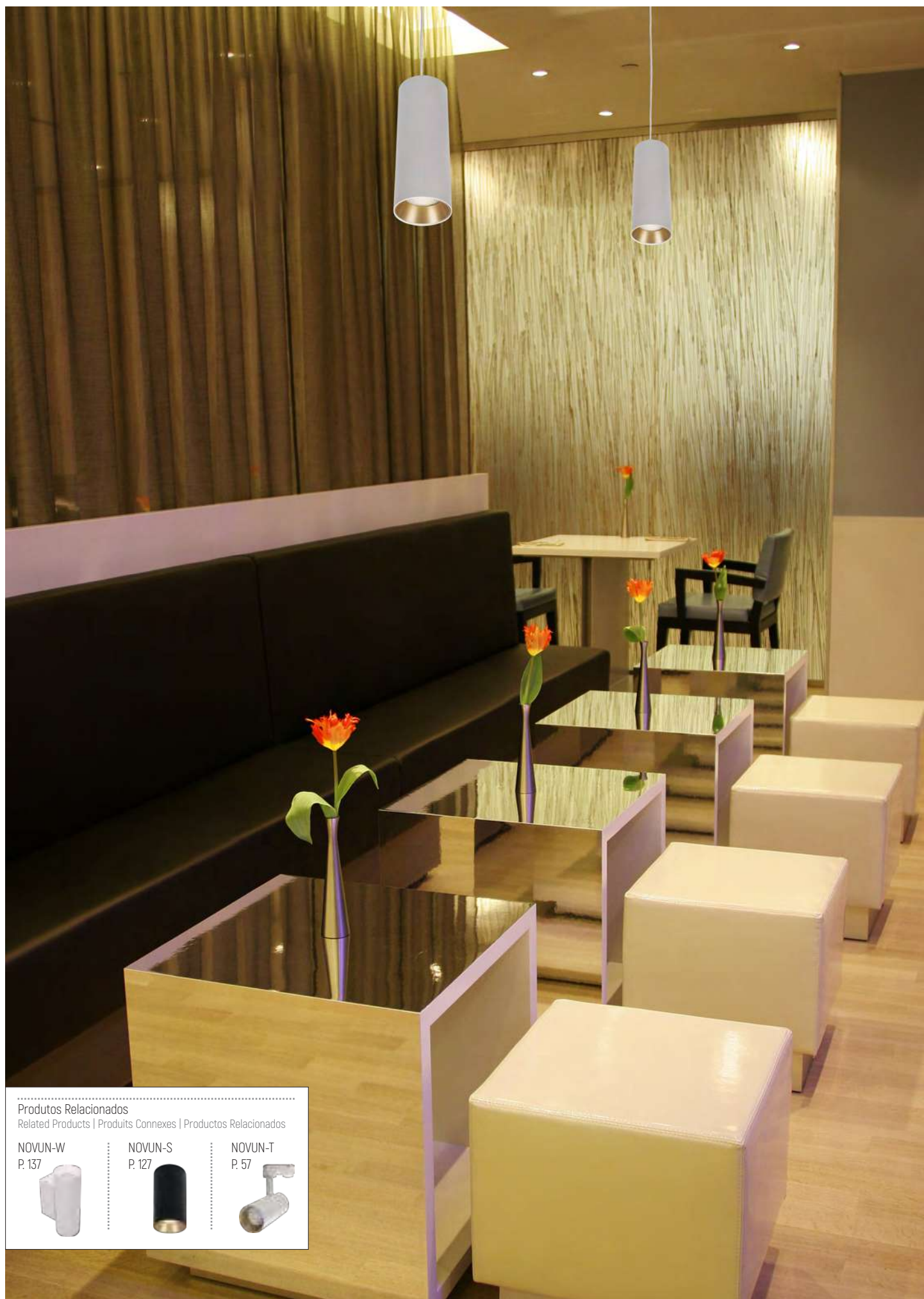
Compatível com | Compatible with | Compatible avec | Compatible con



PAR16 GU10 LED DIM
220-240V 50/60Hz



PAR16 GU10 LED
220-240V 50/60Hz



Produtos Relacionados

Related Products | Produits Connexes | Productos Relacionados

NOVUN-W
P. 137



NOVUN-S
P. 127



NOVUN-T
P. 57

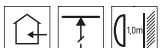


NOVUN-P



UGR<19

Especificações | Specifications | Spécifications | Especificaciones

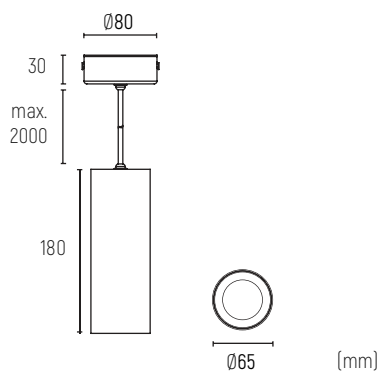


Standards

EN 60598-1

EN 60598-2-1

Dimensões | Dimensions | Dimensiones | Dimensiones



NOVUN-P

W	W	1760750079	PAR16 GU10 9W
W	K	1760750090	
W	GD	1760750091	

K	K	1760750080	PAR16 GU10 9W
K	GD	1760750092	

Outras Informações | Other Informations | Autres renseignements | Otras informaciones



Compatível com | Compatible with | Compatible avec | Compatible con



PAR16 GU10 LED DIM
220-240V 50/60Hz



PAR16 GU10 LED
220-240V 50/60Hz



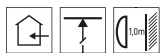
TOLSH-T



LED
ENGINE



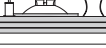
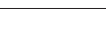
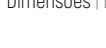
Especificações | Specifications | Spécifications | Especificaciones



Standards

EN 60598-1
EN 60598-2-1
EN 62471
EN 62493
EN 55015
EN 61547
EN 61000-3-2
EN 61000-3-3

Opcional | Optional | Optionnel | Opcional



S

TOLSH-T

13807520933

LED ENGINE 4X20W 3000K 38° 8000Lm

13807520922

LED ENGINE 4X20W 4000K 38° 8000Lm

1380752091

4 x AR111 SCOB / AR111 G53 15W

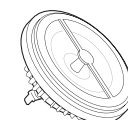


Outras Informações | Other Informations | Autres renseignements | Otras informaciones

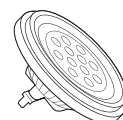


LED
COMPATIBLE

Compatível com | Compatible with | Compatible avec | Compatible con



AR 111 SCOB G53 LED | 12V



AR 111 G53 LED | 12V

Driver | Driver | Convertisseur | Driver



PHILIPS CertaDrive 20W 0,5A
INPUT: 220-240V 50/60Hz



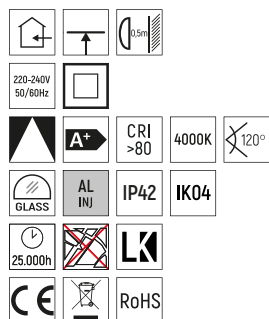


SURFACE ROUND/SQUARE

12W 840Lm | **18W** 1260Lm



Especificações | Specifications | Spécifications | Especificaciones



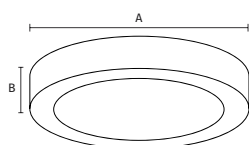
Standards

EN 60598-1
EN 60598-2-1
EN 62471
EN 62493
EN 55015
EN 61547
EN 61000-3-2
EN 61000-3-3

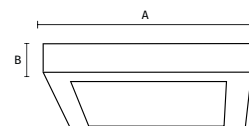
Opcional | Optional | Optionnel | Opcional



Dimensões | Dimensions | Dimensiones | Dimensiones



	A	B
12W	Ø170	36
18W	Ø225	36



	A	B
12W	170	36
18W	225	36

(mm)

SURFACE ROUND LED



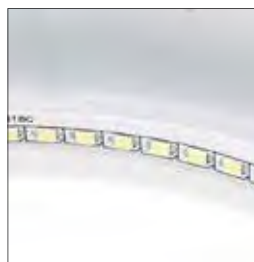
W	
2820750031	LED 12W 4000K 120° 840Lm
2820750032	LED 18W 4000K 120° 1260Lm

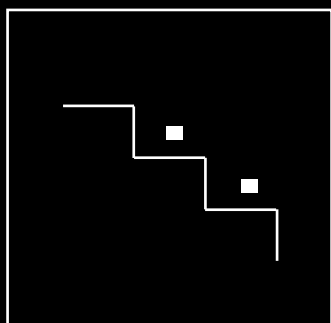
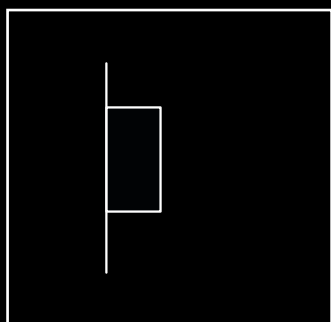
SURFACE SQUARE LED



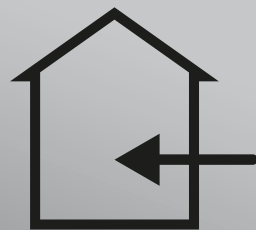
W	
2820750033	LED 12W 4000K 120° 840Lm
2820750034	LED 18W 4000K 120° 1260Lm

Outras Informações | Other Informations | Autres renseignements | Otras informaciones





Se
e



parede
aliente e
ncastar



Produtos Relacionados

Related Products | Produits Connexes | Productos Relacionados

NOVUN-T
P. 57



NOVUN-S
P. 127



NOVUN-P
P. 129

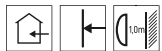


NOVUN-W



UGR<19

Especificações | Specifications | Spécifications | Especificaciones

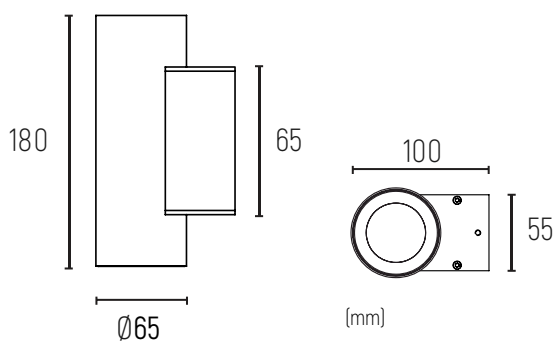


Standards

EN 60598-1

EN 60598-2-1

Dimensões | Dimensions | Dimensions | Dimensiones



NOVUN-W



W	W	1760750081	2 X PAR16 GU10 9W
W	K	1760750099	
W	GD	1760750100	

Outras Informações | Other Informations | Autres renseignements | Otras informaciones



Compatível com | Compatible with | Compatible avec | Compatible con

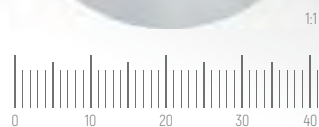


PAR16 GU10 LED DIM
220-240V 50/60Hz



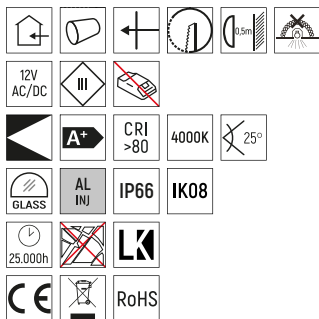
PAR16 GU10 LED
220-240V 50/60Hz

VALSIGO



LED

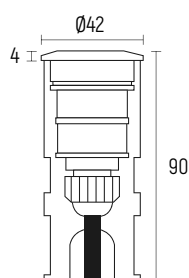
Especificações | Specifications | Spécifications | Especificaciones



Standards

EN 60598-1
EN 60598-2-2
EN 62471

Dimensões | Dimensions | Dimensions | Dimensiones



36

(mm)

VALSIGO

1660750095 LED 1W 4200K 25° 80Lm

Outras Informações | Other Informations | Autres renseignements | Otras informaciones

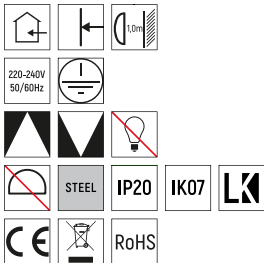


H05RN-F 2x0,75mm (500cm)

LUCKY 1



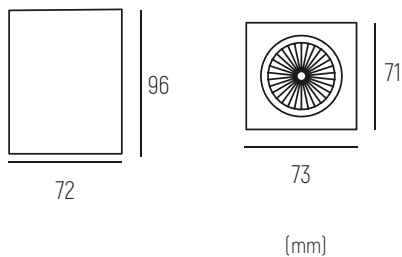
Especificações | Specifications | Spécifications | Especificaciones



Standards

EN 60598-1
EN 60598-2-1

Dimensões | Dimensions | Dimensiones | Dimensiones



(mm)

LUCKY 1



W	1380690205	PAR16 GU10 9W
K	1380690207	PAR16 GU10 9W
ST	1380690203	PAR16 GU10 9W

Outras Informações | Other Informations | Autres renseignements | Otras informaciones



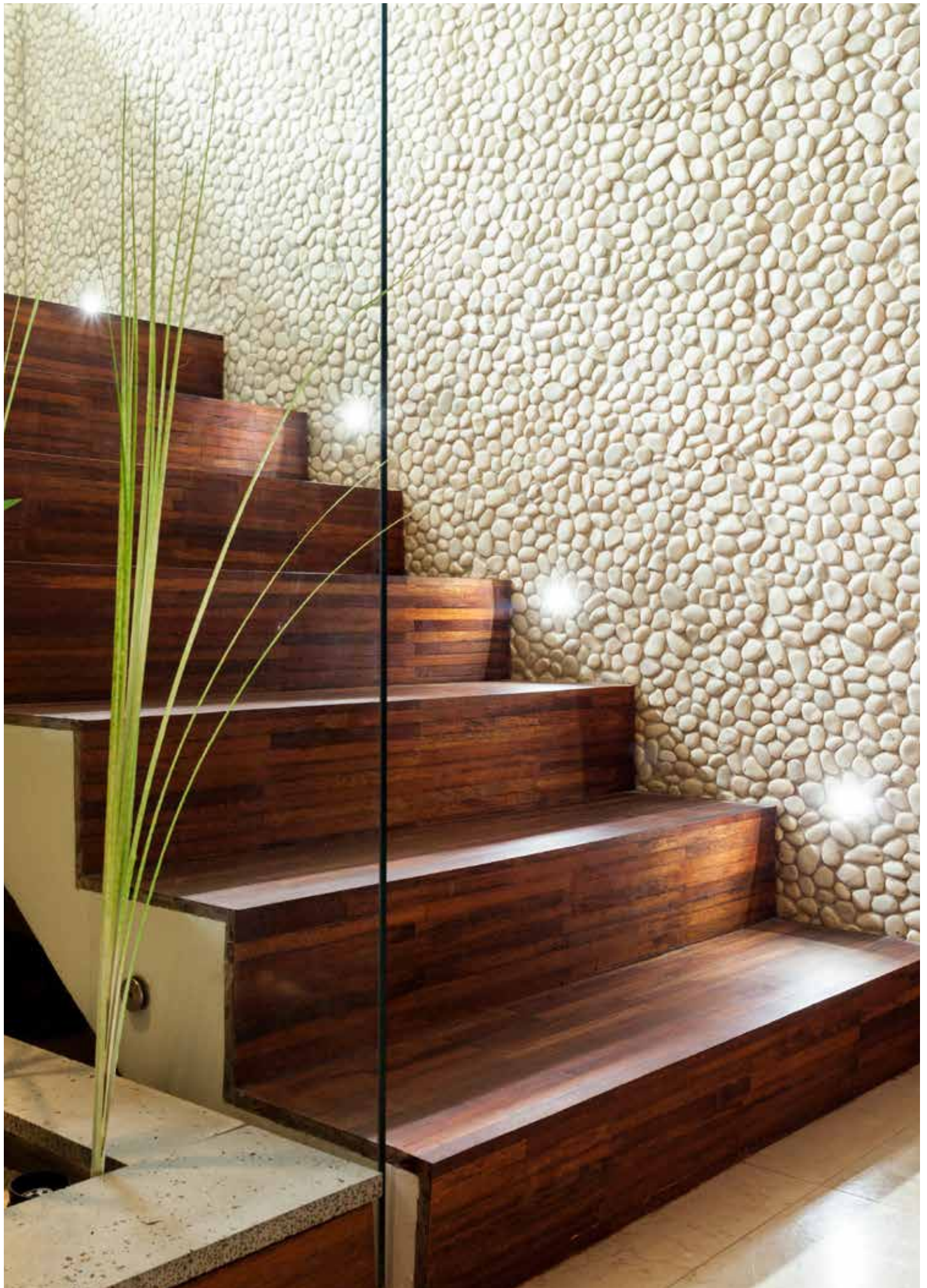
Compatível com | Compatible with | Compatible avec | Compatible con



PAR16 GU10 LED DIM
220-240V 50/60Hz



PAR16 GU10 LED
220-240V 50/60Hz



BEEP

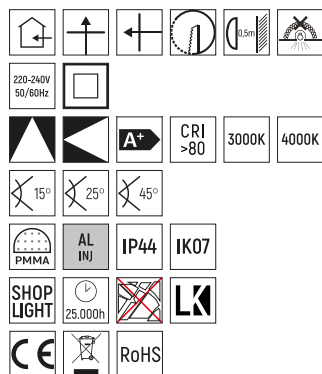


1:1



UGR<19

Especificações | Specifications | Spécifications | Especificaciones



Standards

EN 60598-1
EN 60598-2-2
EN 62471
EN 62493
EN 55015
EN 61547
EN 61000-3-2
EN 61000-3-3



W

BEEP

1760750101	LED 3W 3000K 15° 180Lm
1760750103	LED 3W 4000K 15° 180Lm
1760750102	LED 3W 3000K 25° 180Lm
1760750104	LED 3W 4000K 25° 180Lm
1760750082C	LED 3W 3000K 45° 180Lm
1760750083C	LED 3W 4000K 45° 180Lm



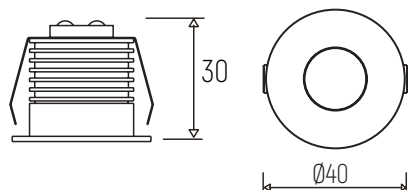
K

BEEP

1760750105	LED 3W 3000K 15° 180Lm
1760750107	LED 3W 4000K 15° 180Lm
1760750106	LED 3W 3000K 25° 180Lm
1760750108	LED 3W 4000K 25° 180Lm
1760750109	LED 3W 3000K 45° 180Lm
1760750110	LED 3W 4000K 45° 180Lm

Dimensões | Dimensions | Dimensiones | Dimensiones

35



(mm)

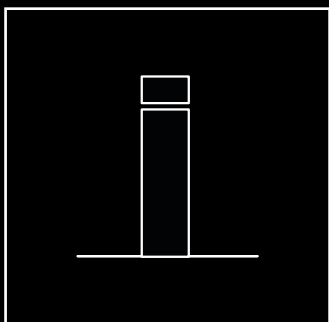
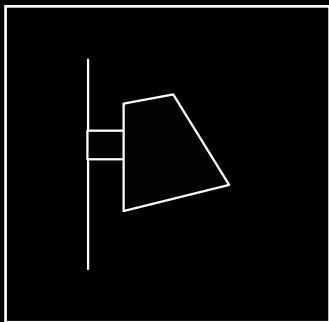
Outras Informações | Other Informations | Autres renseignements | Otras informaciones



ext



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parede
e poste

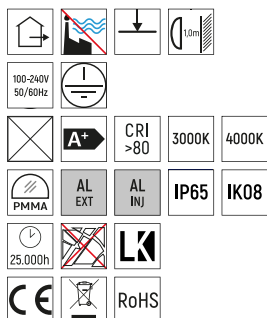


VISIOLED



2035 LED UGR<19

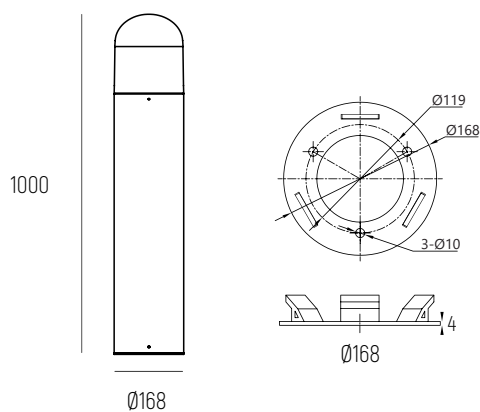
Especificações | Specifications | Spécifications | Especificaciones



Standards

EN 60598-1
EN 60598-2-1
EN 62471
EN 62493
EN 55015
EN 61547
EN 61000-3-2
EN 61000-3-3

Dimensões | Dimensions | Dimensiones | Dimensiones



(mm)

VISIOLED



K

1760750023

LED 25W 3000K 1800Lm

1760750022

LED 25W 4200K 2000Lm

Outras Informações | Other Informations | Autres renseignements | Otras informaciones





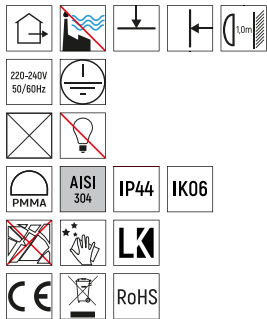
STEELO



LED
COMPATIBLE

AISI
304

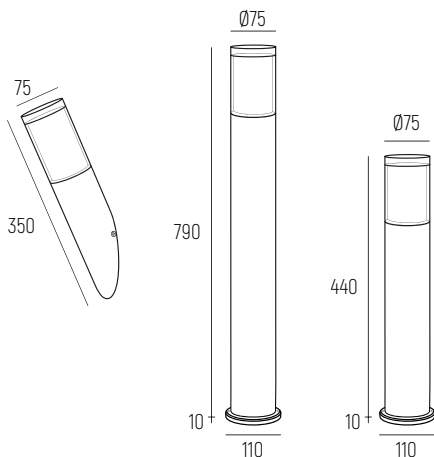
Especificações | Specifications | Spécifications | Especificaciones



Standards

EN 60598-1
EN 60598-2-1

Dimensões | Dimensions | Dimensions | Dimensiones



STEELO W

IX 1760750026 PAR16 GU10 9W

STEELO 45

IX 1760750027 PAR16 GU10 9W

STEELO 80

IX 1760750028 PAR16 GU10 9W

Outras Informações | Other Informations | Autres renseignements | Otras informaciones



Compatível com | Compatible with | Compatible avec | Compatible con



PAR16 GU10 LED DIM
220-240V 50/60Hz



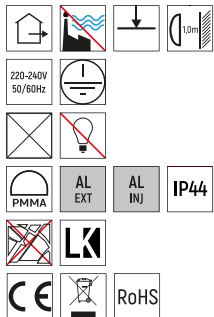
PAR16 GU10 LED
220-240V 50/60Hz



DUCK



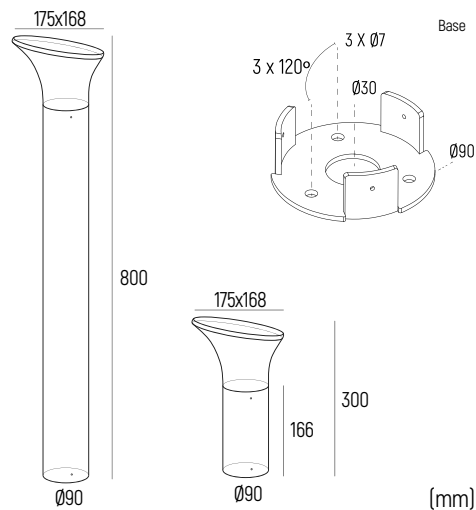
Especificações | Specifications | Spécifications | Especificaciones



Standards

EN 60598-1
EN 60598-2-1

Dimensões | Dimensions | Dimensiones | Dimensiones



(mm)

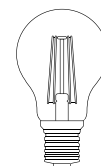
DUCK 30

1760750024 STANDARD A60 E27 6W

DUCK 80

1760750025 STANDARD A60 E27 6W

Compatível com | Compatible with | Compatible avec | Compatible con



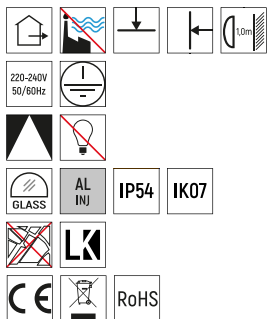
STANDARD A60 E27 LED 6W



CHAPEAU



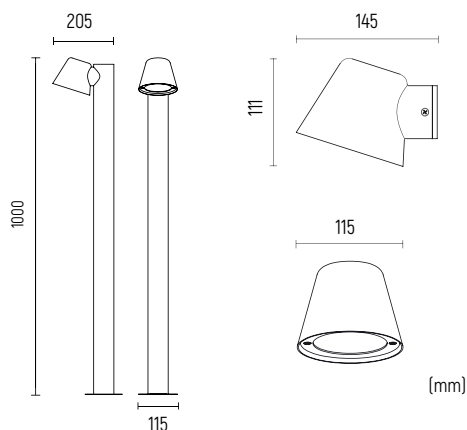
Especificações | Specifications | Spécifications | Especificaciones



Standards

EN 60598-1
EN 60598-2-2

Dimensões | Dimensions | Dimensiones | Dimensiones



CHAPEAU-W



W 2840750002 PAR16 GU10 9W
AT 2840750003

CHAPEAU



AT 2840750001 PAR16 GU10 9W

Outras Informações | Other Informations | Autres renseignements | Otras informaciones



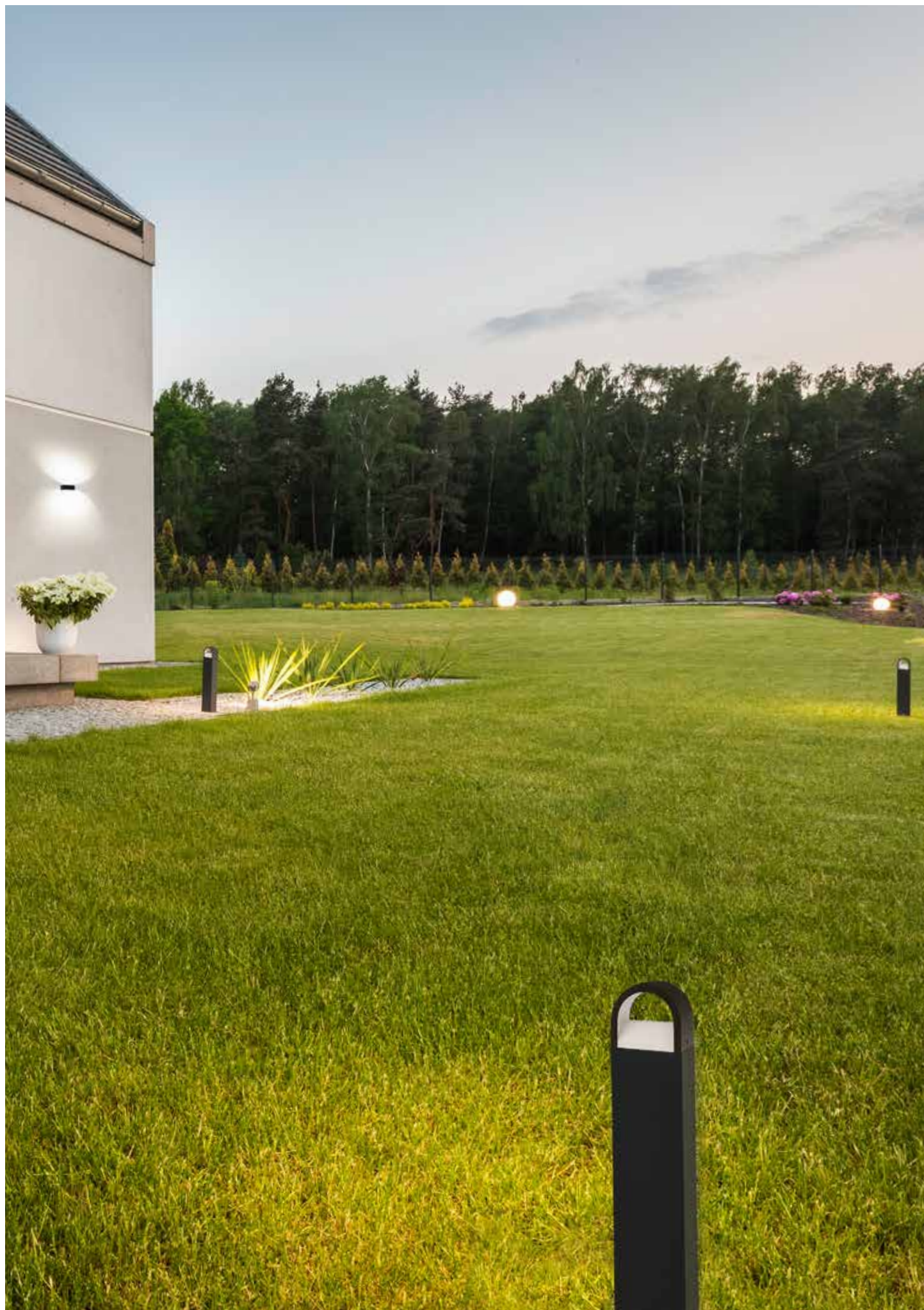
Compatível com | Compatible with | Compatible avec | Compatible con



PAR16 GU10 LED DIM
220-240V 50/60Hz



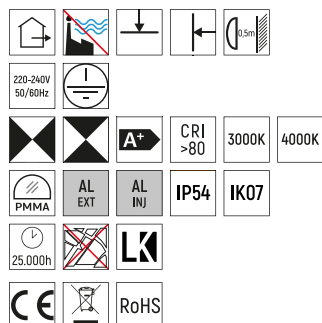
PAR16 GU10 LED
220-240V 50/60Hz



WALLY



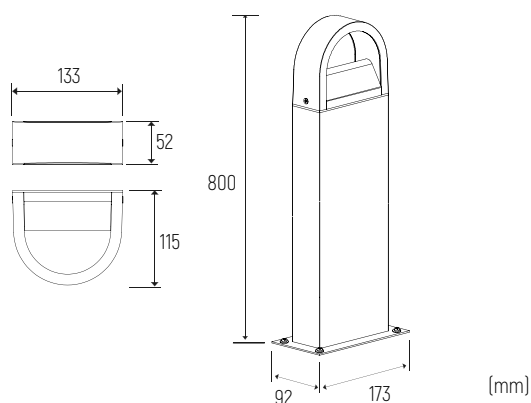
Especificações | Specifications | Spécifications | Especificaciones



Standards

EN 60598-1
EN 60598-2-1
EN 62471
EN 62493
EN 55015
EN 61547
EN 61000-3-2
EN 61000-3-3

Dimensões | Dimensions | Dimensiones | Dimensiones



(mm)

WALLY



W

2840750006 LED 4W 3000K 320Lm
2840750004 LED 4W 4000K 320Lm

WALLY



AT

2840750005 LED 4W 3000K 320Lm
2840750007 LED 4W 4000K 320Lm

WALLY 80



AT

2840750008 LED 4W 3000K 320Lm
2840750009 LED 4W 4000K 320Lm

Outras Informações | Other Informations | Autres renseignements | Otras informaciones



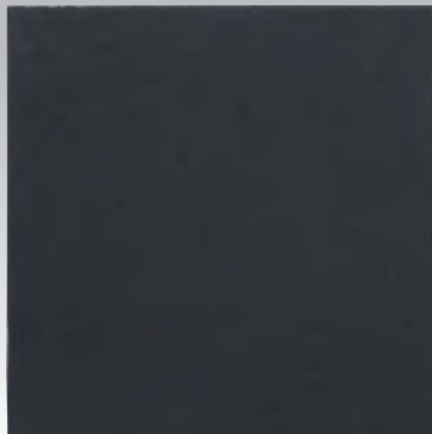






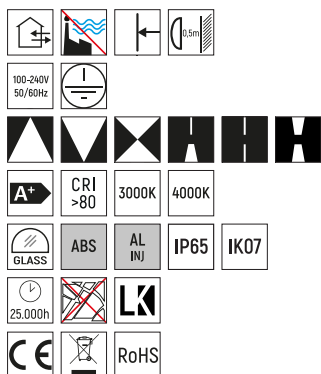


DUEL XL



LED

Especificações | Specifications | Spécifications | Especificaciones



Standards

EN 60598-1
EN 60598-2-1
EN 62471
EN 62493
EN 55015
EN 61547
EN 61000-3-2
EN 61000-3-3

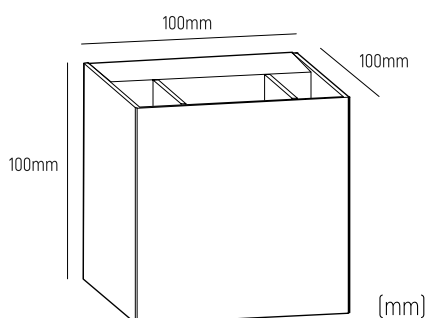
DUEL XL

W	1760750039	LED 2X5W 3000K 800Lm
	1760750040	LED 2X5W 4000K 800Lm

DUEL XL

AT	1760750041	LED 2X5W 3000K 800Lm
	1760750042	LED 2X5W 4000K 800Lm

Dimensões | Dimensions | Dimensiones | Dimensiones

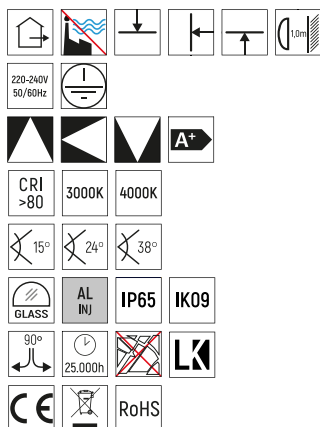




ARCH



Especificações | Specifications | Spécifications | Especificaciones



Standards

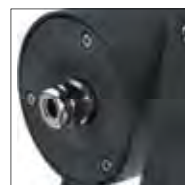
EN 60598-1
EN 60598-2-1
EN 60598-2-5
EN 62471
EN 62493
EN 55015
EN 61547
EN 61000-3-2
EN 61000-3-3



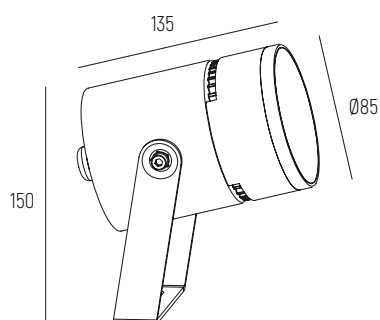
ARCH

AT	1760750035	LED 9W 3000K 15° 720Lm
	1760750036	LED 9W 4000K 15° 720Lm
	1760750031	LED 9W 3000K 24° 720Lm
	1760750032	LED 9W 4000K 24° 720Lm
	1760750037	LED 9W 3000K 38° 720Lm
	1760750038	LED 9W 4000K 38° 720Lm
	1761000012	R
	1761000013	GR
	1761000014	B

Outras Informações | Other Informations | Autres renseignements | Otras informaciones



Dimensões | Dimensions | Dimensiones | Dimensiones



(mm)

Opcional | Optional | Optionnel | Opcional



(180mm)
1760570010



(500mm)
1760570013

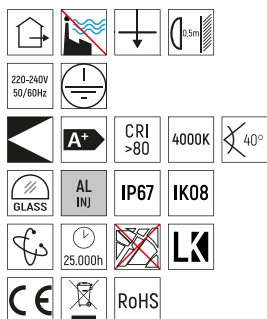


CHAMALEON



LED

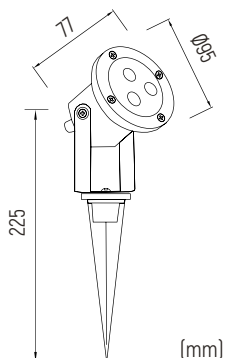
Especificações | Specifications | Spécifications | Especificaciones



Standards

EN 60598-1
EN 60598-2-1
EN 60598-2-5
EN 62471
EN 62493
EN 55015
EN 61547
EN 61000-3-2
EN 61000-3-3

Dimensões | Dimensions | Dimensiones | Dimensiones



(mm)

CHAMALEON

3740750005 LED 4W 4000K 40° 320Lm



Outras Informações | Other Informations | Autres renseignements | Otras informaciones



Filtros Coloridos | Color Filters | Filtres de couleur | Filtros de colores



(180mm)

Opcional | Optional | Optionnel | Opcional



Conector IP68
1630490001



H05RN-F 3G0,75mm (50cm)

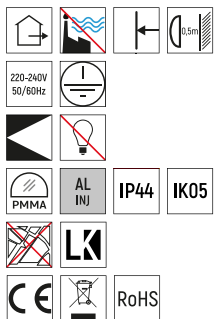
VINTAGE
-STYLE-



LUCY



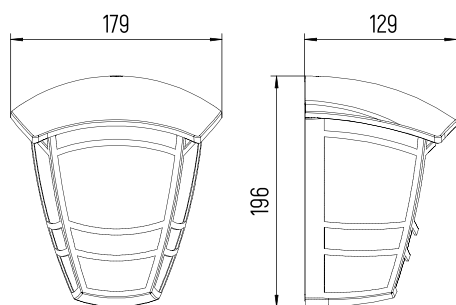
Especificações | Specifications | Spécifications | Especificaciones



Standards

EN 60598-1
EN 60598-2-1

Dimensões | Dimensions | Dimensiones | Dimensiones



(mm)

LUCY

W 1760750150 STANDARD A60 E27 6W

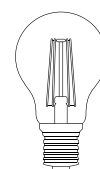


LUCY

K 1760750151 STANDARD A60 E27 6W



Compatível com | Compatible with | Compatible avec | Compatible con



STANDARD A60 E27 LED 6W

VINTAGE
- STYLE -

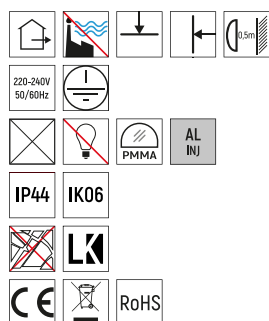




MIROM



Especificações | Specifications | Spécifications | Especificaciones

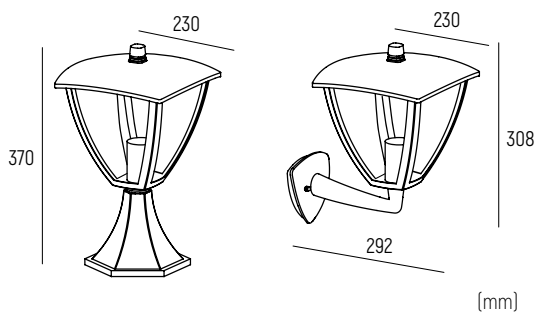


Standards
EN 60598-1
EN 60598-2-1

Dimensões | Dimensions | Dimensiones

MIROM

MIROM-W



MIROM

AT 1760750034 STANDARD A60 E27 6W



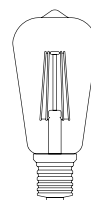
MIROM-W

AT 1760750033 STANDARD A60 E27 6W

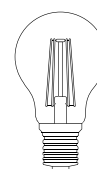
Outras Informações | Other Informations | Autres renseignements | Otras informaciones



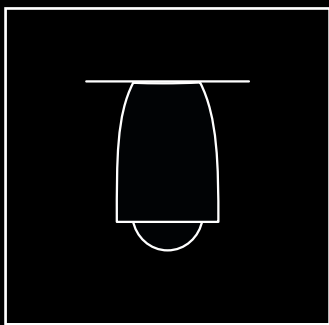
Compatível com | Compatible with | Compatible avec | Compatible con



ST64 E27 LED 6W



STANDARD A60 E27 LED 6W





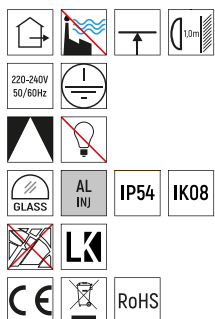
teto
saliente





LED
COMPATIBLE

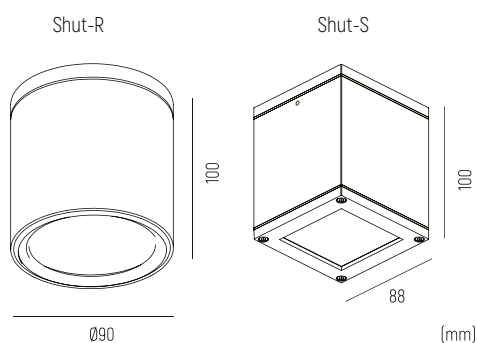
Especificações | Specifications | Spécifications | Especificaciones



Standards

EN 60598-1
EN 60598-2-1

Dimensões | Dimensions | Dimensiones | Dimensiones



SHUT-R



W	1760750085	PAR16 GU10 Máx. 9W
AT	1760750086	

SHUT-S



W	1760750087	PAR16 GU10 Máx. 9W
AT	1760750088	

Outras Informações | Other Informations | Autres renseignements | Otras informaciones



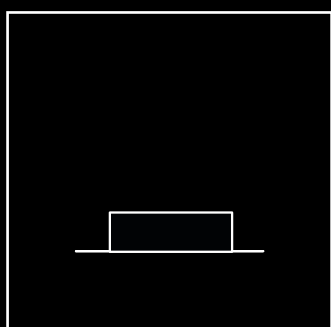
Compatível com | Compatible with | Compatible avec | Compatible con



PAR16 GU10 LED DIM
220-240V 50/60Hz



PAR16 GU10 LED
220-240V 50/60Hz



pa



avimento





60°

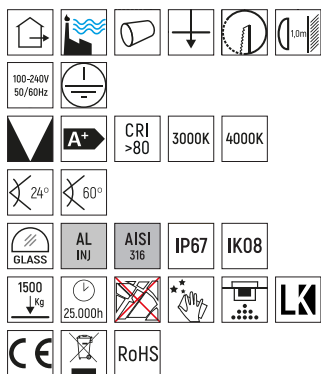


24°

LED

AISI
316

Especificações | Specifications | Spécifications | Especificaciones



Standards

EN 60598-1
EN 60598-2-13
EN 62471
EN 62493
EN 55015
EN 61547
EN 61000-3-2
EN 61000-3-3



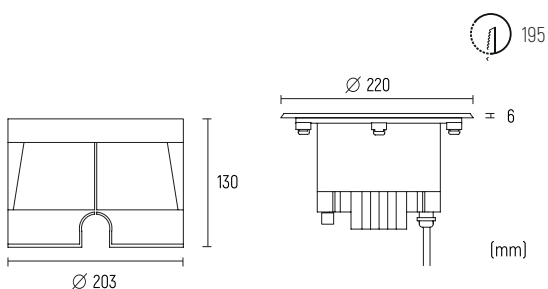
TOBA XL

1760750067 LED 24W 3000K 24° 1800Lm
1760750066 LED 24W 4000K 24° 1800Lm
1760750069 LED 24W 3000K 60° 1800Lm
1760750068 LED 24W 4000K 60° 1800Lm

Outras Informações | Other Informations | Autres renseignements | Otras informaciones



Dimensões | Dimensions | Dimensions | Dimensiones



H07RN-F 3G1,00mm (35cm)

Driver | Driver | Convertisseur | Driver



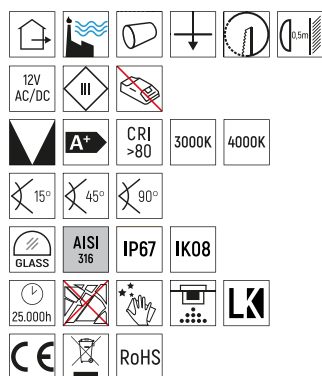
APC-25-500
INPUT: 100-240V 50/60Hz



JAVA



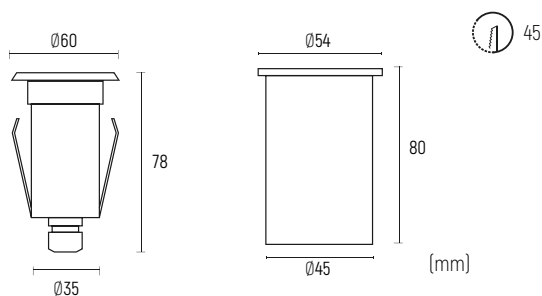
Especificações | Specifications | Spécifications | Especificaciones



Standards

EN 60598-1
EN 60598-2-13
EN 62471

Dimensões | Dimensions | Dimensiones | Dimensiones



JAVA



IX	1760750061	LED 3W 3000K 15° 240Lm
	1760750060	LED 3W 4000K 15° 240Lm
	1760750063	LED 3W 3000K 45° 240Lm
	1760750062	LED 3W 4000K 45° 240Lm
	1760750065	LED 3W 3000K 90° 240Lm
	1760750064	LED 3W 4000K 90° 240Lm

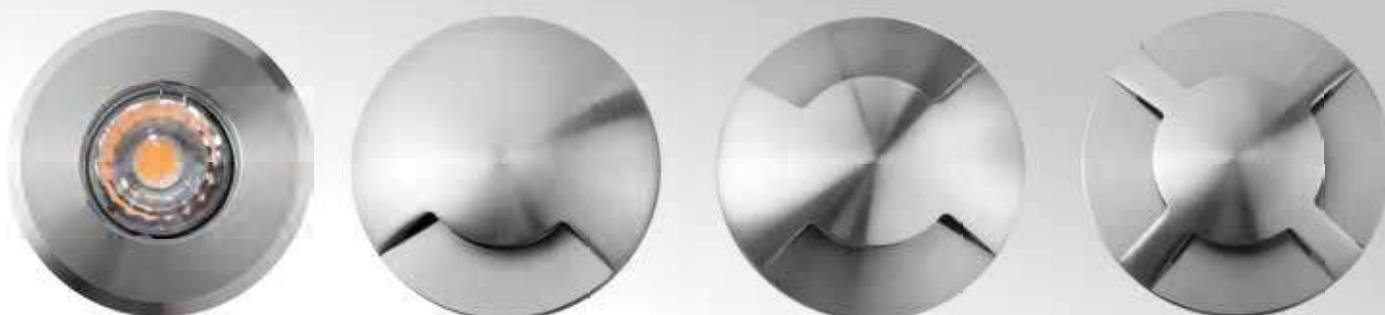
Outras Informações | Other Informations | Autres renseignements | Otras informaciones



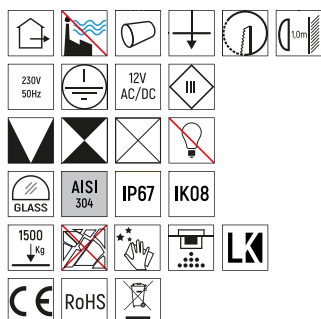
H05RN-F 2x0,50mm (55cm)



STRATUS



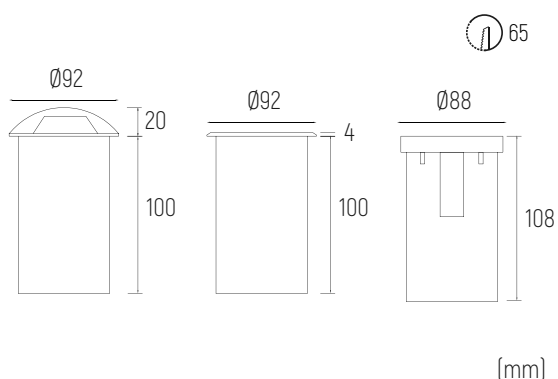
Especificações | Specifications | Spécifications | Especificaciones



Standards

EN 60598-1
EN 60598-2-13

Dimensões | Dimensions | Dimensiones | Dimensiones



STRATUS

	IX	1760750120	PAR16 GU10 9W 230V
		1760750124	MR16 GU5,3 6W 12V AC/DC

STRATUS 1

	IX	1760750121	PAR16 GU10 9W 230V
		1760750125	MR16 GU5,3 6W 12V AC/DC

STRATUS 2

	IX	1760750122	PAR16 GU10 9W 230V
		1760750126	MR16 GU5,3 6W 12V AC/DC

STRATUS 4

	IX	1760750123	PAR16 GU10 9W 230V
		1760750127	MR16 GU5,3 6W 12V AC/DC

Outras Informações | Other Informations | Autres renseignements | Otras informaciones



	H07RN-F 3G1,00mm (40cm) - 230V
	H05RN-F 2X0,75mm (40cm) - 12V

Compatível com | Compatible with | Compatible avec | Compatible con

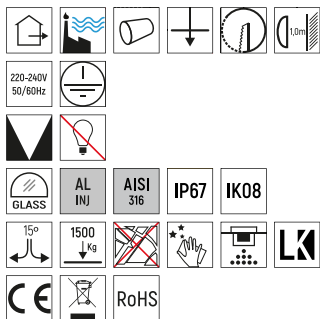




THERA



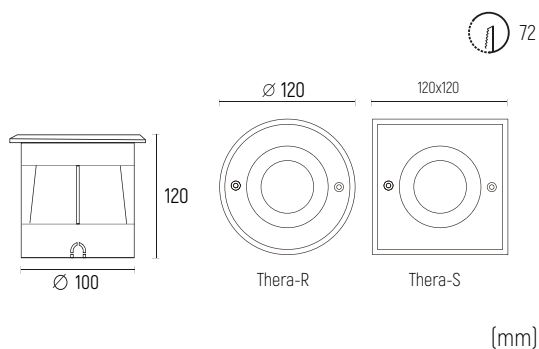
Especificações | Specifications | Spécifications | Especificaciones



Standards

EN 60598-1
EN 60598-2-13

Dimensões | Dimensions | Dimensiones | Dimensiones



(mm)

THERA-R

IX 1760750070 PAR16 GU10 9W



THERA-S

IX 1760750071 PAR16 GU10 9W



Outras Informações | Other Informations | Autres renseignements | Otras informaciones



H07RN-F 3G1,00mm (40cm)

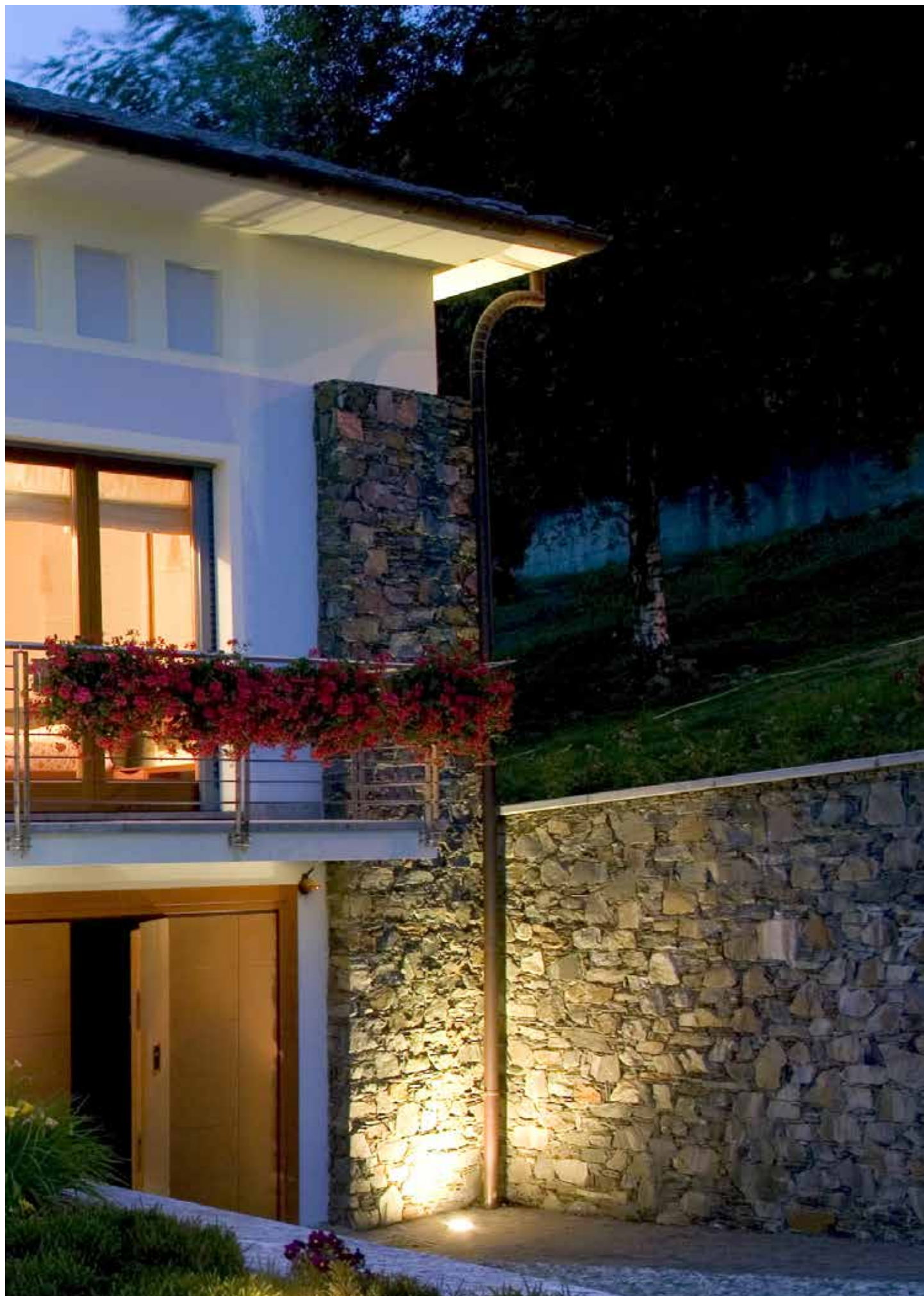
Compatível com | Compatible with | Compatible avec | Compatible con



PAR16 GU10 LED DIM
220-240V 50/60Hz



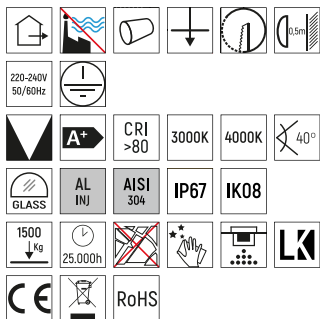
PAR16 GU10 LED
220-240V 50/60Hz



NAFT



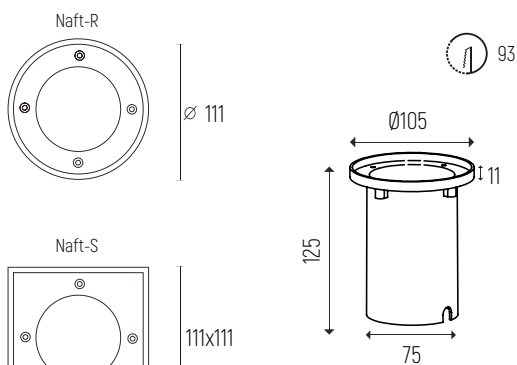
Especificações | Specifications | Spécifications | Especificaciones



Standards

EN 60598-1
EN 60598-2-13
EN 62471
EN 62493
EN 55015
EN 61547
EN 61000-3-2
EN 61000-3-3

Dimensões | Dimensions | Dimensiones | Dimensiones



(mm)

NAFT-R

3740750002 LED 3W 3000K 40° 240Lm
3740750001 LED 3W 4000K 40° 240Lm

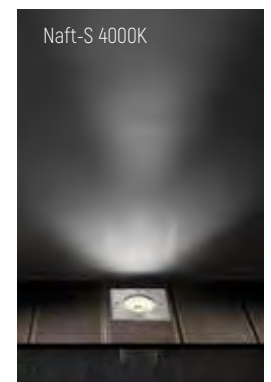
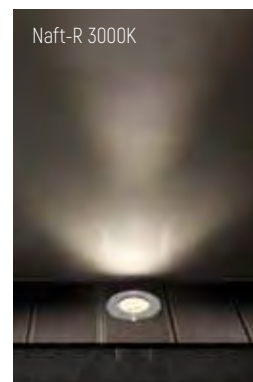


NAFT-S

3740750004 LED 3W 3000K 40° 240Lm
3740750003 LED 3W 4000K 40° 240Lm



Outras Informações | Other Informations | Autres renseignements | Otras informaciones



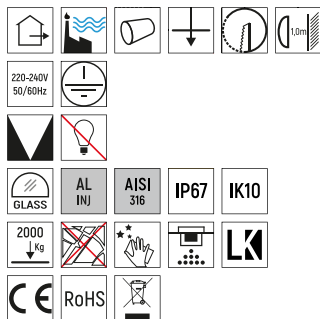
H05RN-F 3G0,75mm (50cm)



GAZUDIO



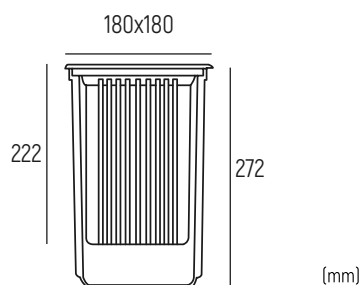
Especificações | Specifications | Spécifications | Especificaciones



Standards

EN 60598-1
EN 60598-2-13

Dimensões | Dimensions | Dimensiones | Dimensiones



(mm)



GAZUDIO

1630750080 PAR30 COB E27 10W

Outras Informações | Other Informations | Autres renseignements | Otras informaciones

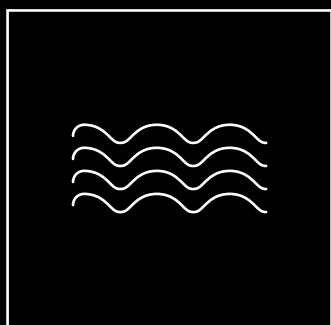


H07RN-F 3G 1,00mm (40cm)

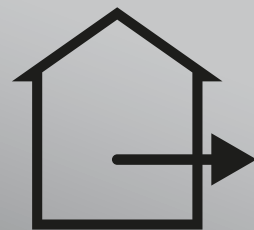
Compatível com | Compatible with | Compatible avec | Compatible con



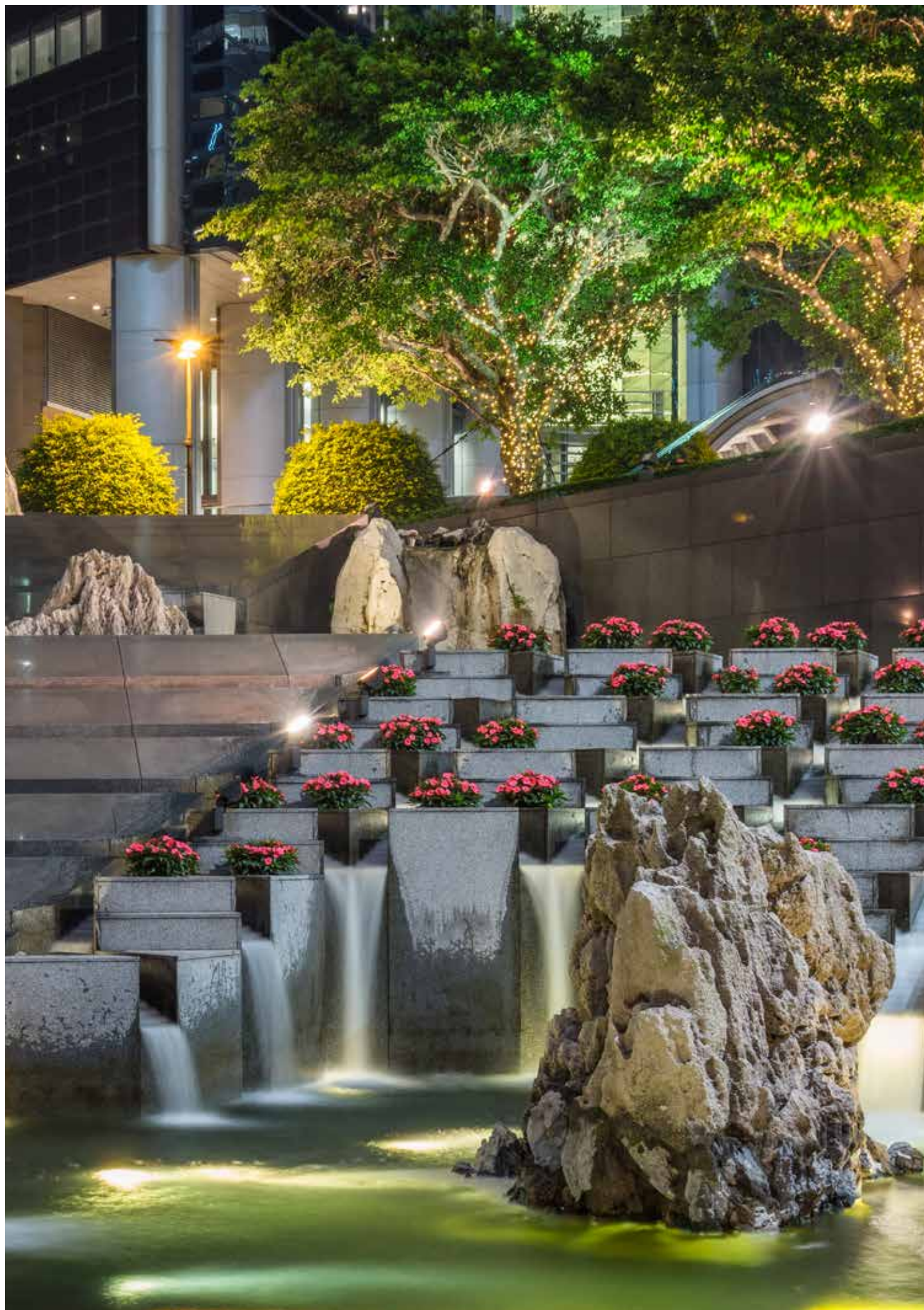
PAR30 COB E27 LED 10W

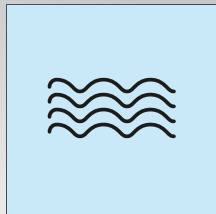


Sub



omersão



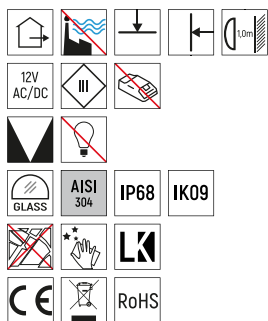


IP68

AQUS



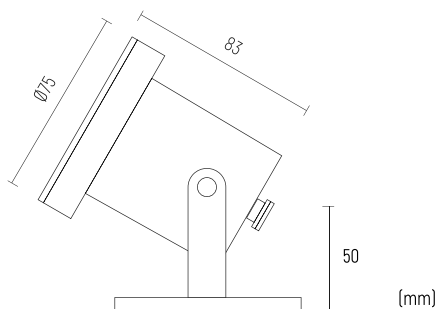
Especificações | Specifications | Spécifications | Especificaciones



Standards

EN 60598-1
EN 60598-2-18

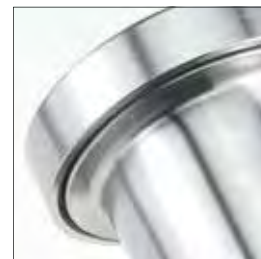
Dimensões | Dimensions | Dimensions | Dimensiones



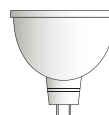
AQUS

1760750072 MR16 GU5,3 6W

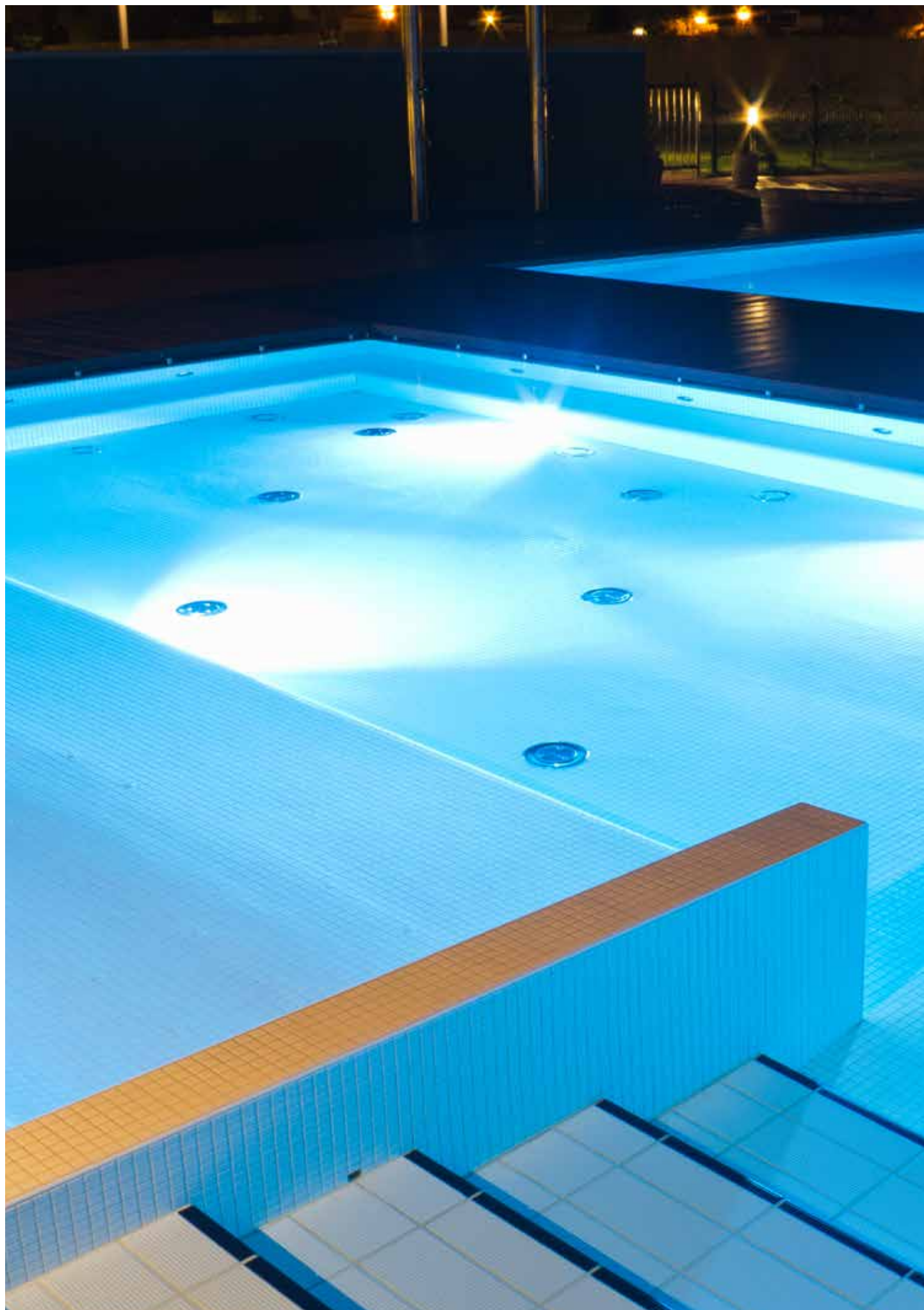
Outras Informações | Other Informations | Autres renseignements | Otras informaciones

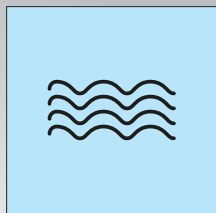


Compatível com | Compatible with | Compatible avec | Compatible con



MR16 GU5.3 LED
12V AC/DC





IP68

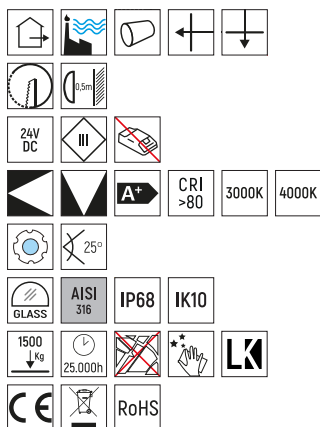
OCEAN



LED

AISI
316

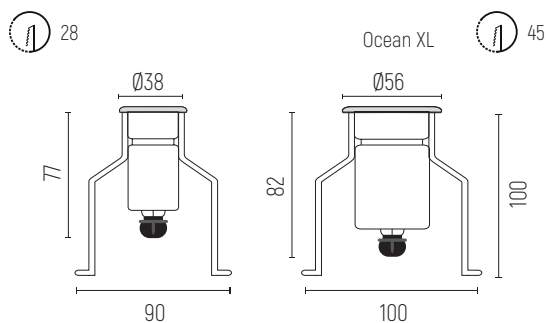
Especificações | Specifications | Spécifications | Especificaciones



Standards

EN 60598-1
EN 60598-2-18
EN 62471

Dimensões | Dimensions | Dimensiones | Dimensiones



(mm)

OCEAN



IX

1630750169	LED 1W 4000K 25° 80Lm
1630750247	LED 1W 3000K 25° 80Lm
1630750226	LED 1W B 25° 80Lm

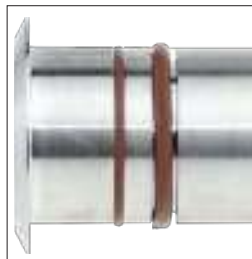
OCEAN XL



IX

1630750170	LED 3W 4000K 25° 240Lm
1630750248	LED 3W 3000K 25° 240Lm
1630750230	LED 3W B 25° 240Lm

Outras Informações | Other Informations | Autres renseignements | Otras informaciones



H05RN-F 2x1,00mm (100cm)

icon



índice ográfico

Famílias | families | familles | familias

	PT	EN	FR	ES
	Tecto saliente	Ceiling	Plafond	Techo
	Parede	Wall	Mur	Pared
	Poste	Bollard	Borne	Postes
	Projectores	Projectors	Projecteurs	Proyectores
	Pavimento	Pavement	Encastré de sol	Pavimento
	Submersão	Submersion	Submersion	Inmersión
	Rústico	Rustic	Rustique	Rústico
	Downlights (encastrável)	Downlights (recessed)	Downlights (encastré)	Interno
	Spots (encastrável)	Spots (recessed)	Spots (encastré)	Luminárias
	Parede e uplights	Wall and uplights	Mur et uplights	Pared y uplights
	Suspensões	Pendant	Suspensions	Colgantes
	Plafoniers	Plafonniers	Plafonniers	Plafones
	Projectores	Spotlights	Projecteurs	Proyectores
	Pé e secretária	Floor and desk	Lampe de bureau	De pié y de escritorio
	Sistema carril	Track projectors	Système de rails	Sistemas de carril
	Emergência	Emergency	Éclairage de sécurité	Emergencia
	Balizadores	Orientation lighting	Balisage	Balizadores
	Fita led	Led strip	Ruban led	Fita led

ES	FR	EN	PT	
Luminaria para uso en espacios interiores	Luminaire pour une utilisation en espaces intérieurs	Luminaire for indoor use	Luminária para utilização em espaços interiores	
Luminaria para uso en espacios exteriores	Luminaire pour une utilisation en espaces extérieurs	Luminaire for outdoor use	Luminária para utilização em espaços exteriores	
Luminaria para uso en espacios interiores y exteriores	Luminaire pour une utilisation en espaces intérieurs et extérieurs	Luminaire for indoor and outdoor use	Luminária para utilização em espaços interiores e exteriores	
Luminaria recomendada para su aplicación en zonas cercanas al mar o industriales	Luminaire approprié pour une application dans des environnements maritimes ou industriels	Luminaire suitable for industrial or marine environments	Luminária apropriada para aplicação em ambientes marítimos ou industriais	
Luminaria no recomendada para su aplicación en zonas cercanas al mar o industriales	Luminaire non approprié pour une application dans des environnements maritimes ou industriels	Luminaire not suitable for industrial or marine environments	Luminária não apropriada para aplicação em ambientes marítimos ou industriais	
Luminaria suministrada con caja de preinstalación	Luminaire fourni avec boîtier de pré-installation	Luminaire supplied with pre-installation box	Luminária fornecida com caixa de pré-instalação	
Luminaria de suelo con aplicación saliente	Luminaire de sol avec une application sortante	Floor luminaire with protruding application	Luminária de pavimento com aplicação saliente	
Luminaria de pared con aplicación saliente	Luminaire mural avec une application sortante	Wall luminaire with protruding application	Luminária de parede com aplicação saliente	
Luminaria de techo con aplicación saliente	Luminaire de plafond avec une application sortante	Ceiling luminaire with protruding application	Luminária de teto com aplicação saliente	
Luminaria de techo con aplicación saliente suspendida	Luminaire de plafond avec une application sortante suspendu	Ceiling luminaire with protruding pendant application	Luminária de teto com aplicação saliente suspensa	
Luminaria de techo con aplicación empotrada suspendida	Luminaire de plafond avec application encastrée suspendu	Ceiling luminaire with recessed pendant application	Luminária de teto com aplicação encastrada suspensa	
Luminaria de techo con aplicación saliente en la pared o en el techo	Luminaire avec une application sortante pour mur ou plafond	Wall or ceiling luminaire with protruding application	Luminária com aplicação saliente em parede ou teto	
Luminaria de pie o de escritorio	Luminaire sur pied ou de bureau	Standing or desk luminaire	Luminária de pé ou secretária	
Luminaria de techo con aplicación empotrada	Luminaire de plafond avec une application encastrée	Ceiling luminaire with recessed application	Luminária de teto com aplicação encastrada	
Luminaria de pared con aplicación empotrada	Luminaire mural avec une application encastrée	Wall luminaire with recessed application	Luminária de parede com aplicação encastrada	
Luminaria de suelo con aplicación de empotrada	Luminaire de sol avec une application encastrée	Floor luminaire with recessed application	Luminária de pavimento com aplicação encastrada	
Luminaria de pared o techo con aplicación empotrada	Luminaire mural ou de plafond avec une application encastrée	Wall or ceiling luminaire with recessed application	Luminária de parede ou teto com aplicação encastrada	
Tamaño y forma del corte para empotrar la luminaria (mm)	Dimension et format de la coupure pour encastrement (mm)	Measurements and shape of cut for recessed luminaire (mm)	Dimensão e formato do corte para encastramento (mm)	
Tamaño y forma del corte para empotrar la luminaria (mm)	Dimension et format de la coupure pour encastrement (mm)	Measurements and shape of cut for recessed luminaire (mm)	Dimensão e formato do corte para encastramento (mm)	
Distancia mínima de seguridad en relación con los objetos iluminados	Distance minimale de sécurité relativement aux objets lumineux	Minimum safety distance from lit-up objects	Distância mínima de segurança relativamente aos objetos iluminados	
Luminaria no apta para cubrir con material aislante térmico	Luminaire non adapté pour être recouvert avec du matériel isolant thermique	Luminaire not suitable for covering with thermal insulation material	Luminária não apta para ser coberta com material isolante térmico	
Sistema carril 1 circuito	Système de rail 1 circuit	Single-circuit track system	Sistema carril 1 circuito	
Sistema carril 3 circuitos	Système de rail 3 circuits	3-Circuit track system	Sistema carril 3 circuitos	
Cinta LED y perfiles de aluminio	Ruban LED et profils en aluminium	LED strip and aluminium profiles	Fita LED e perfis de alumínio	

Especificações Eléctricas | Electrical Specifications | Spécifications électriques | Especificaciones eléctricas

PT	EN	FR	ES
 Tensão de alimentação e frequência	Supply voltage and frequency	Tension d'alimentation et de fréquence	Tensión de alimentación y frecuencia
 Tensão de alimentação e frequência	Supply voltage and frequency	Tension d'alimentation et de fréquence	Tensión de alimentación y frecuencia
 Tensão de alimentação e frequência	Supply voltage and frequency	Tension d'alimentation et de fréquence	Tensión de alimentación y frecuencia
 Corrente	Current	Courant	Corriente
 Tensão de alimentação	Supply voltage	Tension d'alimentation	Tensión de alimentación
 Tensão de alimentação	Supply voltage	Tension d'alimentation	Tensión de alimentación
 Kit de emergência	Emergency kit	Kit d'urgence	Kit de emergencia
 Equipamento elétrico incluído	Electrical equipment included	Équipement électrique inclus	Equipo eléctrico incluido
 Equipamento elétrico não incluído	Electrical equipment not included	Équipement électrique non inclus	Equipo eléctrico no incluido
 Luminária com ligador terra - classe I	Luminaire with earthing connection class I	Luminaire avec connecteur de masse classe I	Luminaria con conexión a tierra clase I
 Luminária com duplo isolamento - classe II	Luminaire with double insulation - class II	Luminaire avec isolation double - classe II	Luminaria con doble aislamiento- clase II
 Luminária CELV - classe III	CELV luminaire - class III	Luminaire CELV - classe III	Luminaria CELV - clase III
 Equipado com driver Philips	Philips driver included	Équipé avec le contrôleur Philips	Equipado con controlador Philips
 Equipado com driver Vossloh-Schwabe	Vossloh-Schwabe driver included	Équipé avec le contrôleur Vossloh-Schwabe	Equipado con controlador Vossloh-Schwabe
 Equipado com driver Mean Well	Mean Well driver included	Équipé avec le contrôleur Mean Well	Equipado con controlador Mean Well
 Conetividade sem fios via rádiofrequência	Radio frequency wireless connectivity	Connexion sans fil via radiofréquence	Conectividad inalámbrica vía rádiofrequência
 Botão regulador intensidade fluxo luminoso	Brightness selection button	Bouton régulateur d'intensité du flux lumineux	Botón regulador de intensidad de flujo luminoso
 Botão seletor branco quente - branco frio	Warm white/cool white selection button	Bouton sélecteur blanc chaud blanc froid	Botón de selección blanco cálido blanco frío
 Botão seletor de cor RGB	RBG colour selection button	Bouton sélecteur de couleur RGB	Botón de selección de color RGB
 Botão seletor de cor RGB + branco	RBG colour + white selection button	Bouton sélecteur de couleur RGB + blanc	Botón de selección de color RGB + blanco

	Classe I - equipamento no qual a protecção contra choque eléctrico não depende apenas do isolamento principal, todas as partes activas perigosas acessíveis estão ligadas a um circuito terra de protecção.	Classe I - equipment where the protection against electrical shock does not depend only on the main insulation, and where all the accessible dangerous active parts are connected on a protective earth circuit.	Classe I - Appareils conformes aux exigences de mise à terre des appareils électriques : isolation fonctionnelle de tous les composants et liaison à la terre.	Clase I - equipo en el cual la protección contra descargas eléctricas no depende apenas del aislamiento principal, todas las partes activas de riesgo que se encuentran accesibles, están conectadas.
	Classe II - equipamento no qual a protecção contra choque eléctrico não depende apenas do isolamento principal, inclui isolamento duplo ou reforçado.	Classe II - equipment where the protection against electrical shock does not depend only on the main insulation, including the double or reinforced.	Classe II - Appareils conformes aux exigences de double isolation des parties actives isolation de tous les composants sans liaison à la terre. avec le circuit électrique.	Clase II - equipo en el cual la protección contra descargas eléctricas no depende apenas del aislamiento principal, incluye doble aislamiento o reforzado.
	Classe III - equipamento no qual a protecção contra choque eléctrico depende da alimentação a partir de uma tensão baixa de segurança.	Classe III - equipment where the protection against electrical shock depends on the supply from a security low voltage.	Classe III - Appareils conformes aux exigences de la classe III : la protection contre les chocs électriques est garantie par un circuit à très basse tension de sécurité (SELV) ne produisant aucune tension supérieure à 50V.	Clase III - equipo en el cual la protección contra descargas eléctricas depende de la alimentación a partir de una tensión baja de seguridad.

ES	FR	EN	PT	
Emisión simétrica de la luz	Émission symétrique de la lumière	Symmetrical light output	Emissão simétrica da luz	
Emisión simétrica de la luz	Émission symétrique de la lumière	Symmetrical light output	Emissão simétrica da luz	
Emisión simétrica de la luz	Émission symétrique de la lumière	Symmetrical light output	Emissão simétrica da luz	
Doble emisión de luz	Émission double de la lumière	Double light output	Dupla emissão de luz	
Doble emisión de luz	Émission double de la lumière	Double light output	Dupla emissão de luz	
Emisión asimétrica de la luz	Émission asymétrique de la lumière	Asymmetrical light output	Emissão assimétrica da luz	
Emisión asimétrica de la luz	Émission asymétrique de la lumière	Asymmetrical light output	Emissão assimétrica da luz	
Emisión de la luz en 360°	Émission de la lumière à 360°	360° light output	Emissão da luz em 360°	
Doble emisión de luz (haz estrecho + haz ancho)	Émission double de la lumière (faisceau étroit + faisceau large)	Double light output (narrow beam + wide beam)	Dupla emissão de luz (feixe estreito + feixe largo)	
Doble emisión de luz (haz estrecho + haz estrecho)	Émission double de la lumière (faisceau étroit + faisceau étroit)	Double light output (narrow beam + narrow beam)	Dupla emissão de luz (feixe estreito + feixe estreito)	
Doble emisión de luz (haz ancho + haz ancho)	Émission double de la lumière (faisceau large + faisceau large)	Double light output (wide beam + wide beam)	Dupla emissão de luz (feixe largo + feixe largo)	
Ángulo cut-off	Angle cut-off	Cut-off angle	Ângulo cut-off	
Índice de deslumbramiento producido por la luminaria (ver pág. 201)	Indice d'obscureissement produit par le luminaire (voir page 201)	Glare rating produced by the luminaire (see page 201)	Índice de ofuscamento produzido pela luminária (ver pág. 201)	
No incluye bombilla	Lampe non incluse	Light bulb not included	Não inclui lâmpada	
Incluye bombilla	Lampe incluse	Light bulb included	Inclui lâmpada	
Clase de energía	Classe énergétique	Energy class	Classe energética	
Permite la regulación del flujo luminoso	Permet la régulation du flux lumineux	Dimmable	Permite regulação de fluxo luminoso	
Regulación de flujo por corte de fase	Régulation du flux par découpage de phase	Phase-cut dimming	Regulação de fluxo por corte fase	
Regulación de flujo mediante el sistema DALI	Régulation du flux par système DALI	DALI system dimming	Regulação de fluxo por sistema DALI	
Regulación de flujo por botón de presión	Régulation du flux par bouton poussoir	Push button dimming	Regulação de fluxo por botão de pressão	
Regulación de flujo 0-10V	Régulation du flux 0-10V	0-10V dimming	Regulação de fluxo 0-10V	
Índice de reproducción del color superior >80 (ver pág. 199)	Indice de restitution de couleur supérieur >80 (voir page 199)	Colour rendering index above >80 (see page 199)	Índice de restituição de cor superior >80 (ver pág. 199)	
Índice de reproducción del color superior >80 (ver pág. 199)	Indice de restitution de couleur supérieur >80 (voir page 199)	Colour rendering index above >80 (see page 199)	Índice de restituição de cor superior >80 (ver pág. 199)	
Índice de reproducción del color superior >94 (ver pág. 199)	Indice de restitution de couleur supérieur >94 (voir page 199)	Colour rendering index above >94 (see page 199)	Índice de restituição de cor superior >94 (ver pág. 199)	
Índice de reproducción del color superior >93 (ver pág. 199)	Indice de restitution de couleur supérieur >93 (voir page 199)	Colour rendering index above >93 (see page 199)	Índice de restituição de cor superior >93 (ver pág. 199)	
Índice de reproducción del color superior >93 (ver pág. 199)	Indice de restitution de couleur supérieur >93 (voir page 199)	Colour rendering index above >93 (see page 199)	Índice de restituição de cor superior >93 (ver pág. 199)	
Blanco cálido (Temp° de color en grados Kelvin)	Blanc chaud (Température couleur en degrés Kelvin)	Warm white (colour temperature in kelvin)	Branco quente (Temp° cor em graus Kelvin)	
Blanco neutro (Temp° de color en grados Kelvin)	Blanc neutre (Température couleur en degrés Kelvin)	Neutral white (colour temperature in kelvin)	Branco neutro (Temp° cor em graus Kelvin)	

	PT	EN	FR	ES
	Branco frio (Tempº cor em graus Kelvin)	Cool white (colour temperature in kelvin)	Blanc froid (Température couleur en degrés Kelvin)	Blanco frío (Tempº de color en grados Kelvin)
	Equipado com LED branco neutro	Equipped with neutral white LED	Équipé avec LED blanche neutre	Equipado con LED blanco neutro
	Equipado com LED branco quente	Equipped with warm white LED	Équipé avec LED blanche chaude	Equipado con LED blanco cálido
	Equipado com LED azul	Equipped with blue LED	Équipé avec LED bleue	Equipado con LED azul
	Equipado com LED verde	Equipped with green LED	Équipé avec LED verte	Equipado con LED verde
	Equipado com LED vermelho	Equipped with red LED	Équipé avec LED rouge	Equipado con LED rojo
	Equipado com LED amarelo	Equipped with yellow LED	Équipé avec LED jaune	Equipado con LED amarillo
	Fotometria disponível	Photometric data available	Photométrie disponible	Fotometría disponible
	Permite regulação de fluxo luminoso	Dimmable	Permet la régulation du flux lumineux	Permite la regulación del flujo luminoso
	Variável entre 2700K e 6500K	Variable between 2700K and 6500K	Variable entre 2700K et 6500K	Variable entre 2700K y 6500K
	Variação de cor apenas em RGB	Colour variation in RGB only	Variation de couleur seulement en RGB	Variación de color solo en RGB
	Variação de cor RGB e 6500K	RGB and 6500K colour variation	Variation de couleur RGB et 6500K	Variación de color RGB y 6500K
	Equipado com LED	Equipped with LED	Équipé avec LED	Equipado con LED
	Equipado com módulo LED substituível	Equipped with replaceable LED module	Équipé avec module LED remplaçable	Equipado con módulo LED reemplazable
	Compatível com diferentes tipos de lâmpada LED	Compatible with different types of LED lamps	Compatible avec différents types de lampe LED	Compatible con diferentes tipos de lámpara LED
	Equipado com LED SMD 2835	Equipped with SMD 2835 LED	Équipé avec LED SMD 2835	Equipado con LED SMD 2835
	Equipado com LED SMD 3528	Equipped with SMD 3528 LED	Équipé avec LED SMD 3528	Equipado con LED SMD 3528
	Equipado com LED SMD 5050	Equipped with SMD 5050 LED	Équipé avec LED SMD 5050	Equipado con LED SMD 5050
	Equipado com LED Cree	Equipped with Cree LED	Équipé avec LED Cree	Equipado con LED Cree
	Equipado com LED Cree (CXA2520)	Equipped with Cree LED (CXA2520)	Équipé avec LED Cree (CXA2520)	Equipado con LED Cree (CXA2520)
	Equipado com LED Cree (CXA2520)	Equipped with Cree LED (CXA2520)	Équipé avec LED Cree (CXA2520)	Equipado con LED Cree (CXA2520)
	Equipado com LED SHARP	Equipped with Sharp LED	Équipé avec LED SHARP	Equipado con LED SHARP
	Equipado com LED Philips	Equipped with Philips LED	Équipé avec LED Philips	Equipado con LED Philips
	Equipado com LED Edison	Equipped with Edison LED	Équipé avec LED Edison	Equipado con LED Edison
	Equipado com LED Cree (CXA1512)	Equipped with Cree LED (CXA1512)	Équipé avec LED Cree (CXA1512)	Equipado con LED Cree (CXA1512)
	Ângulo abertura (º graus)	lens opening angle (in degrees)	Angle d'ouverture (º degrés)	Ángulo de apertura (º grados)
	Suporte G53	Lampholder G53	Support G53	Soporte G53
	Suporte E27	Lampholder E27	Support E27	Soporte E27

ES	FR	EN	PT	
Soporte GU10	Support GU10	Lampholder GU10	Suporte GU10	GU10
Soporte GU5.3	Support GU5.3	Lampholder GU5.3	Suporte GU5.3	GU5.3
Conexión por cable	Connexion par câble	Cable connection	Ligação por cabo	Cable
Funcionamiento con lámparas LED MR16	Fonctionnement avec lampes LED MR16	Works with MR16 LED lamps	Funcionamento com lâmpadas LED MR16	MR16 LED
Funcionamiento con lámparas LED PAR16	Fonctionnement avec lampes LED PAR16	Works with PAR16 LED lamps	Funcionamento com lâmpadas LED PAR16	PAR16 LED
Funcionamiento con lámparas LED AR111	Fonctionnement avec lampes LED AR111	Works with AR111 LED lamps	Funcionamento com lâmpadas LED AR111	111 LED
Funcionamiento con lámparas LED Estándar A60	Fonctionnement avec lampes LED Standard A60	Works with standard A60 LED lamps	Standard A60 LED	A60 LED
Funcionamiento con módulos LED	Fonctionnement avec modules LED	Works with LED modules	Funcionamento com módulos LED	ENGINE LED
Flujo luminoso (lm)	Flux lumineux (lm)	Luminous Flux (lm)	Fluxo luminoso (lm)	80Lm

CRI

Colour
Rendering
Index

A restituição de cor está relacionada com a aparência dos objetos sob o efeito de uma luz branca. Quanto mais elevado for o CRI, melhor será a restituição de cor. Numa escala com o valor máximo igual a 100 (luz solar), as gamas Flexistrip e Flexiproof apresentam valores muito aproximados, CRI>80 e CRI>94. Graças ao seu elevado índice de restituição, estas gamas desenvolvidas especificamente para fins profissionais proporcionam aos objetos iluminados uma aparência natural e com vivacidade, o que os torna mais atrativos.

Colour rendering is related to how objects appear under white light. The higher the CRI, the better the colour rendering is. On a scale with a maximum value of 100 [sunlight], the Flexistrip and Flexiproof ranges offer extremely high values, CRI> 80 and CRI> 94. Thanks to their high colour rendering, these ranges specifically created for professional use make objects appear natural, vibrant and therefore more attractive.

La restitution de couleur est reliée avec l'apparence des objets sous l'effet d'une lumière blanche. Plus le CRI est grand, meilleure sera sa restitution de la couleur. Dans une échelle avec la valeur maximale égale à 100 (lumière solaire), les gammes Flexistrip et Flexiproof présentent des valeurs très proches, CRI> 80 et CRI> 94. Grâce à son indice élevé de restitution, cette gamme développée spécialement pour des fins professionnelles permet une apparence naturelle aux objets illuminés et avec une vivacité qui les rend plus attractifs.

La reproducción del color está relacionada con la apariencia de los objetos bajo el efecto de una luz blanca. Cuanto mayor sea el CRI, mejor será su reproducción de color. En una escala con un valor máximo igual a 100 (luz solar), las gamas Flexistrip y Flexiproof presentan valores muy aproximados, CRI> 80 y CRI> 94. Gracias a su elevado índice de reproducción, esta gama desarrollada específicamente para fines profesionales proporciona a los objetos iluminados un aspecto natural y vivo que los hace más atractivos.

CRI 70



CRI 80



CRI 90



	PT	EN	FR	ES
	Difusor em vidro transparente	Transparent glass diffuser	Diffuseur en verre transparent	Difusor de vidrio transparente
	Difusor em vidro opalino	Opal glass diffuser	Diffuseur en verre opalin	Difusor de vidrio opalino
	Difusor em vidro fosco	Frosted glass diffuser	Diffuseur en verre mat	Difusor de vidrio esmerilado
	Difusor em vidro prismático	Prismatic glass diffuser	Diffuseur en verre prismatique	Difusor de vidrio prismático
	Difusor em acrílico transparente	Transparent acrylic diffuser	Diffuseur en acrylique transparent	Difusor de acrílico transparente
	Difusor em acrílico opalino	Opal acrylic diffuser	Diffuseur en acrylique opalin	Difusor de acrílico opalino
	Difusor em acrílico fosco	Frosted acrylic diffuser	Diffuseur en acrylique mat	Difusor de acrílico mate
	Difusor em acrílico prismático	Prismatic acrylic diffuser	Diffuseur en acrylique prismatique	Difusor de acrílico prismático
	Luminária sem difusor	Luminaire without diffuser	Luminaire sans diffuseur	Luminaria sin difusor
	ABS auto-extinguível	Self-extinguishing ABS	ABS auto extinguable	ABS auto extinguable
	Polycarbonato	Polycarbonate	Polycarbonate	Polycarbonato
	Alumínio extrudido	Extruded aluminium	Aluminium extrudé	Aluminio extruido
	Alumínio injetado	Injected aluminium	Aluminium injecté	Aluminio inyectado
	Aço inoxidável AISI 302	AISI 302 stainless steel	Acier inoxydable AISI 302	Acero inoxidable AISI 302
	Aço inoxidável AISI 304	AISI 304 stainless steel	Acier inoxydable AISI 304	Acero inoxidable AISI 304
	Aço inoxidável AISI 304	AISI 304 stainless steel	Acier inoxydable AISI 304	Acero inoxidable AISI 304
	Aço inoxidável AISI 316	AISI 316 stainless steel	Acier inoxydable AISI 316	Acero inoxidable AISI 316
	Aço inoxidável AISI 316	AISI 316 stainless steel	Acier inoxydable AISI 316	Acero inoxidable AISI 316
	Vidro	Glass	Verre	Vidrio
	Aço	Steel	Acier	Acero
	PMMA transparente	Transparent PMMA	PMMA transparent	PMMA transparente
	PMMA opalino	Opal PMMA	PMMA opalin	PMMA opalino
	PMMA fosco	Frosted PMMA	PMMA mat	PMMA mate
	Acabamento em branco	White finish	Finition en blanc	Acabado en blanco
	Acabamento em preto	Black finish	Finition en noir	Acabado en negro
	Acabamento em cinzento metálico	Metallic grey finish	Finition en gris métallisé	Acabado en gris metálico
	Acabamento em cinzento mate	Matt grey finish	Finition en gris mat	Acabado en gris mate
	Acabamento em cinzento pedra	Stone grey finish	Finition en gris pierre	Acabado en gris piedra

ES	FR	EN	PT	
Acabado en acero cepillado	Finition en acier brossé	Brushed steel finish	Acabamento em aço escovado	ST
Acabado en acero inoxidable	Finition en acier inox	Stainless steel finish	Acabamento aço inox	IX
Acabado en aluminio cepillado	Finition en aluminium brossé	Brushed aluminium finish	Acabamento em alumínio escovado	BA
Acabado en aluminio pulido	Finition en aluminium poli	Polished aluminium finish	Acabamento em alumínio polido	PA
Acabado en antracita	Finition en anthracite	Anthracite finish	Acabamento em antracite	AT
Acabado en cromado	Finition en chromé	Chrome finish	Acabamento em cromado	CR
Acabado en dorado	Finition en doré	Gold finish	Acabamento em dourado	GD
Acabado en bronce	Finition en bronze	Bronze finish	Acabamento em bronze	GB
Acabado en cepillado	Finition en brossé	Brushed finish	Acabamento em escovado	BG
Azul	Bleu	Blue	Azul	B
Verde	Vert	Green	Verde	GR
Amarillo	Jaune	Yellow	Amarelo	Y
Rojo	Rouge	Red	Vermelho	R
Naranja	Orange	Orange	Laranja	O
Violeta	Violet	Violet	Violeta	V
Beige	Beige	Beige	Bege	BG
Índice de protección contra sólidos y líquidos (ver pág. 204)	Indice de protection contre les solides et les liquides (voir page 204)	IP rating against intrusion from solids and liquids (see page 204)	Índice de proteção contra sólidos e líquidos (ver pág. 204)	IP##
Índice de resistencia mecánica al impacto (ver pág. 204)	Indice de résistance mécanique à l'impact (voir page 204)	Mechanical resistance against impact (see page 204)	Índice de resistência mecânica ao impacto (ver pág. 204)	IK##

UGR

Unified Glare
Rating

Definido pela norma europeia EN 12464-1, que rege a iluminação em locais interiores de trabalho. Por outras palavras, estabelecem-se as obrigações mínimas a cumprir pela iluminação de determinado local de trabalho ou do ambiente diretamente relacionado com ele. UGR é a sigla que define o índice de ofuscamento produzido por determinada luminária, sendo uma forma numérica de representar o seu nível de luminosidade, bem como o ofuscamento que produz. Existem no total 8 índices UGR entre < 10 e 30, que se determinam em função:

- do tipo de luminária;
- da sua posição de instalação;
- do nível de luminância;
- das dimensões do local onde está instalada;
- do brilho proveniente das paredes e do teto.

Podemos concluir que quanto menor for o seu valor de UGR, mais confortável será o nível de iluminação.

Defined by European standard EN 12464-1, which governs lighting in indoor workplaces. In other words, it sets out the minimum requirements to be complied with by the lighting of a certain work place or the environment directly related to it. UGR is the acronym that defines the glare index produced by a certain luminaire. It is a numerical way of representing how bright it is, as well as the glare it produces. There are a total of 8 UGR indices between <10 and 30, which are determined by:

- the type of luminaire;
- its installation position;
- the luminance level;
- the dimensions of the site where it is installed;
- the brightness reflected by the walls and ceiling.

We can conclude that the lower the UGR value, the more comfortable the lighting level.

Défini par la norme européenne EN 12464-1, qui dirige l'illumination sur les lieux de travail intérieurs. En d'autres termes, les obligations minimales que l'illumination d'un lieu de travail détermine, ou l'environnement directement lié à celui-ci, devront respecter. UGR est le sigle qui définit l'indice d'éblouissement produit par un luminaire déterminé, étant une forme numérique de représenter sa luminosité et l'éblouissement qu'il produit. Il y a au total 8 indices UGR qui varient entre < 10 et 30 et qui se déterminent en fonction:

- du type de luminaire;
- de sa position d'installation;
- du niveau de luminance;
- des dimensions du lieu où il est installé;
- des brillances provenant des murs et du plafond.

Nous pouvons conclure que plus la valeur de UGR est basse, plus le niveau d'illumination sera confortable.

Definido por la norma europea EN 12464-1, que rige la iluminación en los interiores de trabajo. En otras palabras, se establecen las obligaciones mínimas que tendrá que cumplir la iluminación de determinado lugar de trabajo o el ambiente directamente relacionado con él. UGR es la sigla que define el índice de deslumbramiento producido por una luminaria determinada, y es una forma numérica de representar la cantidad de brillo y el deslumbramiento que produce. Existen en total 8 índices UGR que varían entre <10 y 30 y que se determinan en función:

- del tipo de luminaria;
- de su ubicación de instalación;
- del nivel de luminancia;
- de las dimensiones del lugar donde se instale;
- del brillo de las paredes y el techo.

Podemos concluir que, cuanto menor sea el valor de UGR, más cómodo será el nivel de iluminación.

PT	EN	FR	ES
 Permite rotação horizontal (indicação em graus °)	Possible horizontal rotation (in degrees °)	Permet la rotation horizontale (indication en degrés °)	Permite la rotación horizontal (indicación en grados)
 Permite orientação horizontal e vertical (movimento giroscópico)	Possible horizontal and vertical rotation (gyroscopic movement)	Permet l'orientation horizontale et verticale (mouvement gyroscopique)	Permite la orientación horizontal y vertical (movimiento giroscópico)
 Permite orientação vertical em apenas 1 sentido (indicação em graus °)	Vertical rotation in only one direction (in degrees °)	Permet l'orientation verticale dans 1 sens seulement (indication en degrés °)	Permite la orientación vertical en 1 sentido (indicación en grados)
 Permite orientação vertical em 2 sentidos (indicação em graus °)	Vertical rotation in two directions (in degrees °)	Permet l'orientation verticale dans 2 sens (indication en degrés °)	Permite la orientación vertical en 2 sentidos (indicación en grados)
 Luminária adequada para iluminação de espaços comerciais	Luminaire suitable for shop lighting	Luminaire approprié pour l'illumination d'espaces commerciaux	Luminaria adecuada para la iluminación de espacios comerciales
 Fornecido com cabo para suspensão (comprimento máx. mts)	Supplied with suspension cable (maximum length in metres)	Fourni avec un câble de suspension (longueur max. mts)	Se suministra con cable de suspensión (longitud máx. metros)
 Fornecido com cabo para suspensão (comprimento máx. mts)	Supplied with suspension cable (maximum length in metres)	Fourni avec un câble de suspension (longueur max. mts)	Se suministra con cable de suspensión (longitud máx. metros)
 Fornecido com cabo para suspensão (comprimento máx. mts)	Supplied with suspension cable (maximum length in metres)	Fourni avec un câble de suspension (longueur max. mts)	Se suministra con cable de suspensión (longitud máx. metros)
 Luminária dotada de dois buçins para efetuar repicagem	Luminaire with two cable glands for rerouting	Luminaire doté de deux presse-étoupes pour effectuer le repiquage	Luminaria dotada de dos prensaestopas para realizar derivación
 Admite uma carga máxima (indicação em kg)	Maximum load supported (in kg)	Permet une charge maximale (indication en kg)	Admite una carga máxima (indicación en kg)
 Admite uma carga máxima (indicação em kg)	Maximum load supported (in kg)	Permet une charge maximale (indication en kg)	Admite una carga máxima (indicación en kg)
 Indicação tempo de vida útil (indicação em horas)	Lifetime (in hours)	Indication du temps de vie utile (indication en heures)	Indicación de tiempo de vida útil (indicación en horas)
 Fácil instalação	Easy to install	Installation facile	Fácil instalación
 Substituir o difusor em caso de quebra	Replace broken diffuser	Remplacer le diffuseur en cas de cassure	Sustituir el difusor en caso de rotura
 Luminária fabricada de acordo com as normas de segurança elétrica e demais legislação aplicável	Luminaire manufactured in accordance with electrical safety standards and other applicable legislation	Luminaire fabriqué en accord avec les normes de sécurité électrique et autre législation applicable	Luminaria de techo fabricada de acuerdo con las normas de seguridad eléctrica y demás legislación aplicable
 Luminária totalmente flexível	Fully flexible luminaire	Luminaire totalement flexible	Luminaria totalmente flexible
 Elevada resistência ao impacto	High resistance against impact	Résistance élevée à l'impact	Alta resistencia al impacto
 Necessita de manutenção e limpeza periódica	Regular cleaning and maintenance required	Nécessite de manutention et de nettoyage périodique	Requiere mantenimiento y limpieza periódica
 Necessita fundo de drenagem para escoamento de águas	Floor drainage of liquids required	Nécessite d'un fond de drainage pour écoulement des eaux	Necesita fondo de drenaje para la evacuación de agua
 Luminária fornecida com cabo de alimentação (indicação do tipo e metros)	Luminaire supplied with electrical cable (type and length in metres)	Luminaire fourni avec un câble d'alimentation (indication du type et des mètres)	Luminaria suministrada con cable de alimentación (indicación del tipo y metros)
 Luminária fornecida com cabo de alimentação e ficha macho	Luminaire supplied with cable and connection plug	Luminaire fourni avec un câble d'alimentation et d'une fiche mâle	Luminaria suministrada con cable de alimentación y enchufe macho
 Suporte de lâmpada não incluído na luminária	Lamp holder not included in luminaire	Support de lampe non inclus dans le luminaire	Soporte de bombilla no incluido en la luminaria
 Suporte de lâmpada incluído na luminária	Lamp holder included in luminaire	Support de lampe inclus dans le luminaire	Soporte de bombilla incluido en la luminaria
 Novo produto	New product	Nouveau produit	Nuevo producto
 Cumpre a diretiva REEE	Complies with REEE directive	Respecte la directive REEE	Cumple con la directiva RAEE
 Cumpre a diretiva ROHS	Complies with ROHS directive	Respecte la directive ROHS	Cumple con la directiva ROHS
 Ostenta certificação TUV GS	TUV GS Certified	Porte la certification TUV GS	Con certificación TUV GS
 Ostenta certificação TUV	TUV Certified	Porte la certification TUV	Con certificación TUV

Informação adicional | Additional information | Informations complémentaires | Información adicional

ES	FR	EN	PT	
Garantía de 4 años en toda la gama Flexistrip	Garantie 4 ans pour toute la gamme Flexistrip	4-year warranty for entire Flexistrip range	Garantia 4 anos em toda a gama Flexistrip	
Luminaria con garantía Lumitek	Luminaire avec la garantie Lumitek	Luminaire with Lumitek warranty	Luminária com garantia Lumitek	
Calidad comprobada en el producto	Qualité prouvée pour le produit	Proven product quality	Qualidade comprovada no produto	
Diseño patentado	Conception brevetée	Patented design	Design patenteado	
Marca registrada UE	Marque enregistrée UE	EU registered trademark	Marca registada UE	
Estilo vintage	Style Vintage	Vintage style	Estilo vintage	
Sustitución rápida y sencilla del módulo LED	Substitution rapide et simple du module LED	Quick and easy to replace LED	Substituição rápida e simples do módulo LED	
Luminaria con efecto decorativo	Luminaire avec effet décoratif	Luminaire with decorative effect	Luminária com efeito decorativo	
Luminaria con efecto decorativo	Luminaire avec effet décoratif	Luminaire with decorative effect	Luminária com efeito decorativo	
Permite el funcionamiento a temperatura ambiente entre (- ... y + ...)	Permet le fonctionnement pour des températures ambiantes de (- ... et + ...)	Works in ambient temperatures between (- ... and + ...)	Permite o funcionamento em temperaturas ambientes de (- ... e + ...)	
Radio de curvatura mínimo admisible	Rayon de courbure minimal admissible	Minimum radius of curvature admissible	Raio de curvatura mínimo admissível	
Consumo en amperios (A) por metro de cinta	Consommation en ampères (A) par mètre de ruban	Consumption in amperes (A) per metre of strip	Consumo em amperes (A) por metro de fita	
Indicación del espesor de cobre de la cinta (medido en OZ)	Indication de l'épaisseur de cuivre du ruban (mesuré en OZ)	Strip's copper thickness (in OZ)	Indicação da espessura de cobre da fita (medido em OZ)	
Espaciado existente entre LED	Espacement existant entre LEDs	Spacing between LEDs	Espaçamento existente entre LEDs	
Distancia entre cortes y número de LED existentes	Distance entre coupures et nombre de LEDs existantes	Spacing between cuts and number of LEDs	Distância entre cortes e número de LEDs existentes	
Adhesivo térmico de marca 3M	Adhésif thermique de la marque 3M	3M thermal adhesive tape	Adesivo térmico da marca 3M	
Revestimiento de silicona	Revêtement en silicone	Silicone coating	Revestimento em silicone	



Marcação CE:

A ostentação da marcação CE, indica que o equipamento está em conformidade com as directivas europeias para material eléctrico de certos limites de tensão 2006/95/CE e compatibilidade electromagnética 2004/108/CE.

CE Marking:

A CE Marking means that the equipment is in compliance with the European Directives for electrical material of certain voltage limits 2006/95/CE and electromagnetic compatibility 2004/108/CE.

Marca CE:

La marca CE, indica que el equipo está en conformidad con las directivas europeas para material eléctrico dentro de determinados límites de tensión 2006/95/CE y compatibilidad electromagnética 2004/108/CE.

Marquage CE

La présentation du marquage CE indique que le matériel est conforme avec les directives européennes pour les appareils électriques de certaines limites de tension 2006/95/CE et de comptabilité électromagnétique 2004/108/CE.

IP##

sem protecção contra corpos sólidos
without protection against solid bodies
sans protection contre les corps liquides
sin protección contra cuerpos sólidos

protecção contra sólidos de diâmetro >50mm
protection against solid bodies with diameter >50mm
protection contre les corps solides de diamètre >50mm
protección contra cuerpos sólidos de diámetro >50mm

protecção contra sólidos de diâmetro >12mm
protection against solid bodies with diameter >12mm
protection contre les corps solides de diamètre >12mm
protección contra cuerpos sólidos de diámetro >12mm

protecção contra sólidos de diâmetro >2.5mm
protection against solid bodies with diameter >2.5mm
protection contre les corps solides de diamètre >2.5mm
protección contra cuerpos sólidos de diámetro >2.5mm

protecção contra sólidos de diâmetro >1mm
protection against solid bodies with diameter >1mm
protection contre les corps solides de diamètre >1mm
protección contra cuerpos sólidos de diámetro >1mm

protecção contra poeiras
totally sealed against dust
protection contre les poussières
protección contra polvo

estanque a poeiras
totally sealed against dust
totalement étanche contre les poussières
totalmente vedado a polvo

IP 00

sem protecção contra a água
without protection against water
sans protection contre l'eau
sin protección contra agua

11

protecção contra queda de gotas de água na vertical
protection against vertical fall of water drops
protection contre les gouttes d'eau à la verticale
protección contra caída de gotas de agua en la vertical

22

protecção contra queda de gotas de água com ângulo máximo de 15°
protection against vertical fall of water drops in a maximum angle of 15°
protection contre la chute de gouttes d'eau avec un angle maximum de 15°
protección contra caída de gotas de agua con ángulo máximo de 15°

33

protecção contra queda de gotas de água com ângulo máximo de 60°
protection against vertical fall of water drops in a maximum angle of 60°
protection contre la chute de gouttes d'eau avec un angle maximum de 60°
protección contra caída de gotas de agua con ángulo máximo de 60°

44

protecção contra projecção de água
protection against water protection
protection contre les jets d'eau
protección contra proyección de agua

55

protecção contra jatos de água
protection against water jets
protection contre les jets d'eau
protección contra chorros de agua

66

protecção contra jatos de água fortes (12.5mm)
protection against powerful water jets (max. 1m)
protection contre les jets d'eau haute-pressure
protección contra chorros de agua fuertes

7

protecção contra efeitos de imersão (máx. 1m)
protection against dipping effects (max. 1m)
protection contre les effets de l'immersion (max. 1mt)
protección contra efectos de inmersión (máx. 1mt)

8

protecção contra imersão prolongada (máx. 1m)
protection against prolonged dip
protection contre l'immersion prolonguée
protección contra inmersión prolongada

INFORMAÇÃO NORMATIVA | NORMATIVE INFORMATION

Classes de isolamento:

A classe de isolamento consiste no modo como num equipamento é feita a protecção de pessoas contra o choque eléctrico, englobando as medidas passivas de protecção de pessoas contra contactos indirectos. Um contacto indirecto é um contacto de pessoas com uma massa colocada acidentalmente sob tensão devido a um defeito de isolamento.

Parte Activa

Parte condutora que está submetida a uma tensão.

Parte Activa Perigosa

Parte condutora que está submetida a uma tensão superior a 42,4Vpico ou 30V-.

Tensão Baixa (ELV)

Tensão que não ultrapassa os 42,4Vpico ou 30V- entre os condutores e a terra.

Tensão Baixa de Segurança (SELV)

Tensão baixa que se fornecida a partir da rede deverá ser obtida de um transformador de enrolamentos separados, cujo isolamento obedece à classe II de isolamento.

Isolamento Principal

Isolamento aplicado às partes activas contra choque eléctrico.

Isolamento Suplementar

Isolamento independente aplicado adicionalmente ao isolamento principal de modo a proteger em caso de falha do isolamento principal.

Isolamento Duplo

Isolamento principal + suplementar.

Isolamento Reforçado

Isolamento único aplicado às partes activas com um grau de protecção equivalente ao isolamento duplo.

Insulation classes:

The insulation class is the way how in equipment the protection of people against electric shock is considered, including passive measures of protection of people against indirect contacts. An indirect contact is a person's contact against a mass accidentally placed under voltage due to an insulation defects.

Active Part:

Conductive part subjected to a voltage.

Hazardous Active Part:

Conductive part subjected to a voltage peak over 42,4V or 30V-.

Low Voltage (ELV):

Voltage nor over a peak of 42,4V or 30V-, between conductors and earth.

Safety Low Voltage (SELV):

Low voltage that if supplied from the main has to be obtained from a separate winding transformer with Class II insulation.

Main Insulation:

Insulation applied to the active parts against electric shock.

Supplementary Insulation:

Independent insulation applied additionally to the main insulation to protect in case of a fail of the main insulation.

Double Insulation:

Main + Supplementary insulation.

Reinforce Insulation:

Insulation applied to the active parts with a protective degree equivalent to the one of double insulation.

IK##	IK 01	Resistente a impactos iguais ou inferiores a 0,15J Resistance to impacts equal or below to 0,15J Résistant aux chocs égaux ou inférieurs à 0,15J Resistente a impactos iguais o inferiores a 0,15J
	02	Resistente a impactos iguais ou inferiores a 0,20J Resistance to impacts equal or below to 0,20J Résistant aux chocs égaux ou inférieurs à 0,20J Resistente a impactos iguais o inferiores a 0,20J
	03	Resistente a impactos iguais ou inferiores a 0,35J Resistance to impacts equal or below to 0,35J Résistant aux chocs égaux ou inférieurs à 0,35J Resistente a impactos iguais o inferiores a 0,35J
	04	Resistente a impactos iguais ou inferiores a 0,50J Resistance to impacts equal or below to 0,50J Résistant aux chocs égaux ou inférieurs à 0,50J Resistente a impactos iguais o inferiores a 0,50J
	05	Resistente a impactos iguais ou inferiores a 0,70J Resistance to impacts equal or below to 0,70J Résistant aux chocs égaux ou inférieurs à 0,70J Resistente a impactos iguais o inferiores a 0,70J
	06	Resistente a impactos iguais ou inferiores a 1,00J Resistance to impacts equal or below to 1,00J Résistant aux chocs égaux ou inférieurs à 1,00J Resistente a impactos iguais o inferiores a 1,00J
	07	Resistente a impactos iguais ou inferiores a 2,00J Resistance to impacts equal or below to 2,00J Résistant aux chocs égaux ou inférieurs à 2,00J Resistente a impactos iguais o inferiores a 2,00J
	08	Resistente a impactos iguais ou inferiores a 5,00J Resistance to impacts equal or below to 5,00J Résistant aux chocs égaux ou inférieurs à 5,00J Resistente a impactos iguais o inferiores a 5,00J
	09	Resistente a impactos iguais ou inferiores a 10,00J Resistance to impacts equal or below to 10,00J Résistant aux chocs égaux ou inférieurs à 10,00J Resistente a impactos iguais o inferiores a 10,00J
	10	Resistente a impactos iguais ou inferiores a 20,00J Resistance to impacts equal or below to 20,00J Résistant aux chocs égaux ou inférieurs à 20,00J Resistente a impactos iguais o inferiores a 20,00J

INFORMATION NORMATIVE | INFORMAÇÃO NORMATIVA

Clases de aislamiento:

La clase de aislamiento se refiere a la forma como es asegurada en la luminaria, la protección de las personas contra descargas eléctricas, englobando las medidas pasivas de protección de personas contra contactos indirectos. Un contacto indirecto es un contacto de personas con una materia colocada accidentalmente sobre tensión originado por un defecto de aislamiento.

Parte activa:

Parte conductora que está sometida a la tensión.

Parte activa peligrosa:

Parte conductora que está sometida a una tensión superior a 42,4V pico o 30V-.

Tensión baja (ELV):

Tensión que no supera los 42,4V pico o 30V- entre los conductores y la conexión a tierra.

Tensión baja de seguridad (SELV):

Tensión baja que cuando provista a partir de la red deberá ser obtenida desde un transformador de bobinas separadas, cuyo aislamiento obedece a la clase II.

Aislamiento Principal:

Aislamiento aplicado a las partes activas contra una descarga eléctrica.

Aislamiento complementario:

Aislamiento independiente aplicado adicionalmente al aislamiento principal de forma garantizar la protección en caso de fallas en el aislamiento principal.

Doble aislamiento:

Aislamiento principal + adicional.

Aislamiento reforzado:

Aislamiento único aplicado a las partes activas con un grado de protección equivalente al doble aislamiento

Les classes de Protection Électrique:

La classe de protection est la façon dont dans une pièce d'équipement est fait la protection de personnes contre les chocs électriques, comprenant mesures passives de protection de personnes contre les contacts indirects. Un contact indirect est un contact de personnes avec une masse accidentellement mise sous tension à cause d'un isolement défectueux.

Partie Active:

Partie conductrice qui est soumise à une tension.

Partie Active Dangereuse :

Partie conductrice qui est soumise à un pic de tension supérieure a 42,4V ou 30V-.

Basse Tension (ELV) :

Tension qui ne dépasse le pic de tension de 42,4V ou 30V- entre les conducteurs et la terre.

Basse Tension de Sécurité (SELV) :

Basse tension qui quand fournie a partir du réseau doit être obtenue à partir d'un transformateur d'enroulements distincts, dont l'isolement est conforme à la classe II d'isolement.

Isolement Principal :

Isolement appliqué sur les parties actives contre les chocs électriques.

Isolement Supplémentaire :

Isolement indépendant appliqué en plus de l'isolement principal afin de protéger, en cas de défaillance de l'isolement principal.

Double Isolement :

Isolement principal + supplémentaire.

Isolement Renforcé :

Isolement unique appliqué aux parties actives avec un degré de protection équivalent à un double isolement.



Conselhos de Instalação e Manutenção

A instalação das luminárias só deverá ser realizada por técnicos especializados que respeitem as boas técnicas de execução, sendo conveniente prestar especial atenção aos seguintes pontos: Índice de protecção da luminária adequado para colocação no local de instalação.

Para uma óptima rentabilização da instalação, deverão ser realizadas acções de manutenção com periodicidade em consonância com o tipo de ambiente onde as luminárias estão inseridas.

Nestas acções estão contempladas a sua limpeza e manutenção com produtos específicos para o efeito.

A limpeza dos materiais não deverá ser efectuada com produtos inadequados que possam danificar a sua pintura ou material de construção. Existem no mercado produtos não abrasivos específicos para o efeito, pelo que aconselhamos a sua utilização.

Respeitar sempre o disposto nas Regras Técnicas de Instalações Eléctricas de certos limites de tensão e compatibilidade electromagnética. Quanto ao Método de Instalação, a luminária deverá ser aplicada conforme descrito no seu manual de instruções ou ficha técnica, seguindo todos os passos necessários para boa instalação.

LIMPEZA E MANUTENÇÃO DO AÇO INOXIDÁVEL

As presentes recomendações tem o objectivo de aconselhar os proprietários de luminárias sobre uma limpeza eficaz e vantajosa, que lhes permitira tirar melhor partido da resistência à corrosão do aço inoxidável.

Para apagar os vestígios de dedos e outras marcas, a utilização de água com sabão ou de um detergente ligeiro é normalmente eficaz e correcta. Os produtos em spray são fáceis de utilizar e cobrem a superfície de uma ligeira camada que lhe dá ainda mais brilho. Estes sprays retiram os vestígios de dedos e previnem o seu reaparecimento. Após ter aplicado o produto, é necessário limpar com um pano seco. Os aços inoxidáveis cromados podem ser limpos com os produtos para vidros, desde que sejam isentos de cloretos.

Para as manchas mais tenazes, géis de limpeza não abrasivos revelam-se eficazes e são igualmente convenientes para retirar os vestígios de água e certas colorações. Após a limpeza, elimine os resíduos com água (de preferência destilada) e seque para evitar as manchas de água. Os produtos em pó devem evitar-se porque poderão riscar as superfícies.

As manchas de gordura e de óleo podem ser retiradas com produtos com álcool. Estes produtos não representam qualquer perigo para o aço inoxidável.

As superfícies em más condições podem ser tratadas com produtos de limpeza para superfícies cromadas. Também se pode utilizar produtos usados para polimento das pinturas automóveis. É necessário contudo precaver-se porque estes produtos de limpeza poderão riscar as superfícies.

Entre os produtos a NÃO utilizar sobre aço inoxidável figuram:

- produtos à base de cloro, nomeadamente o ácido clorídrico;
- as lixívia que contêm hipoclorito. No caso de utilização por erro, enxaguar abundantemente com água fria;
- os produtos para limpeza de pratas.

Um pano húmido ou uma pele de camurça são indicados para retirar as sujidades normais, os vestígios de dedos, etc. Para sujidades mais tenazes, esponjas de nylon dão geralmente bons resultados.

De acordo com o grau de sujidade e a acumulação dos depósitos, é aconselhado proceder a uma limpeza todos os 6-12 meses para os casos moderados e todos os 3-6 meses nos casos de fortes.

Installation and maintenance instructions

The installation of luminaries should only be performed by trained personnel who comply with a good technical performance, being recommended to pay special attention to:

Protection index luminary suitable for the installation site. To benefit from the installation, the maintenance actions should occur at intervals in accordance with the kind of environment where the luminaries are installed.

These actions must include cleaning and maintenance with specific products. The cleaning of the materials should not be made with inappropriate products which can damage the paint or the construction material.

We recommend non-abrasive products available on the market especially for this purpose.

Always respect the provisions of the technical rules for electrical installation for certain voltage limits and the electromagnetic compatibility. As for the method of installation, the luminary should be applied as described in the user manual or the technical specifications, following all the steps recommended for an adequate installation.

CLEANING AND MAINTENANCE OF STAINLESS STEEL SURFACES

These guidelines are to give luminaries owner's advice on efficient, cost-effective cleaning that will allow them to take advantage of the corrosion resistant properties of stainless steel. To remove fingerprints and other marks, soapy water or a mild detergent are usually safe and successful. Proprietary spray cleaners are available, which combine ease of cleaning with a light film that produces an even and smooth lustre. These spray cleaners remove existing fingerprints and leave the surface in a condition that reduces the tendency for fingerprints. After applying the spray, polish with a dry cloth. Mirror-polished stainless steel can be cleaned with glass cleansers. These products should be chloride-free.

For more stubborn stains mild household cream cleansers should be effective, this should also be suitable for cleaning off watermarks and light discolouration. After cleaning, remove the residues with (preferably deionised) water and fry to avoid streaking and water marks. Scouring powers should not be used as these products can leave scratches on stainless steel surface.

Severe oil and grease marks can be removed with alcohol based products. These products are not a corrosion hazard to stainless steel.

Heavily neglected surfaces can be treated with metal polishes, such as those for cleaning chromium-plated items. Furthermore, polishes used for finishing car paint can be considered. Care must be taken as highly polished surfaces may become scratched with these cleaners.

Cleaners that should not be used on stainless steel:

- chloride-containing cleansers, especially those containing hydrochloric acid;
- hypochlorite bleaches should not be used on stainless steels. If applied accidentally should be rinsed off immediately with liberal amounts of fresh water;
- silver-cleaners must not be used on stainless steel.

A damp cloth or chamois leather will usually be suitable for removing normal soiling, fingerprints, etc.

For more stubborn dirt, nylon pads are usually satisfactory. Steel scouring pads must not be used.

Depending on the severity of soiling and deposit build up, routine cleaning frequencies of 6-12 months for light soiling and 3-6 months for heavy soiling is advised.

Conseils pour l'installation et la maintenance

L'installation de luminaires ne doit être effectuée que par un personnel qualifié qui respecte les techniques des opérations correctes, tout en considérant:

L'indice de protection approprié du luminaire pour l'installation en oeuvre.

Pour une rentabilité optimale de l'installation les actions d'entretien doivent être en rapport avec le type d'environnement où les lampes sont installées.

Ces actions doivent inclure le nettoyage et entretien avec des produits spécialement conçus à cet effet. Le nettoyage des matériels ne doit pas être fait avec des produits inappropriés qui puissent endommager la peinture ou les matériaux de construction. Il y a des produits non abrasifs sur le marché spécifiquement destinés à ces actions, et nous recommandons son utilisation.

Respecter toujours les dispositions du Règlement Technique Pour Les Installations Électriques de certaines limites de tension et de compatibilité électromagnétique.

Quant à la méthode d'installation, le luminaire doit être appliqué tel qu'il est décrit dans votre manuel de l'utilisateur ou dans les spécifications techniques, suivant toutes les étapes nécessaires pour une bonne installation.

NETTOYAGE ET ENTRETIEN DE L'ACIER INOXYDABLE

Bien que l'acier soit très résistant à la corrosion, il n'est pas complètement à toute épreuve. C'est pourquoi un nettoyage régulier est recommandé pour préserver l'apparence et l'intégrité de sa surface. En fait, l'acier inoxydable accepte bien les nettoyages fréquents et, contrairement à d'autres matériaux, il n'est pas possible de l'user par un excès d'entretien. Par contre, le nettoyage fréquent d'un acier inoxydable utilisé à l'extérieur, dont le fini, le grain et le design sont particuliers, peut présenter certains risques. La règle d'or de l'entretien de l'acier inoxydable est de procéder à un nettoyage régulier. Nettoyez le métal quand il est sale et n'attendez pas qu'un nettoyage en profondeur soit nécessaire pour lui redonner son apparence originale.

Un nettoyage régulier avec un savon ou un détergent doux suivi d'un rinçage à l'eau chaude donne généralement de bons résultats. Si l'eau utilisée contient un pourcentage élevé de minéraux, il est recommandé d'essuyer la surface avec un chiffon doux pour l'assécher.

Les tâches de graisse et d'huile peuvent être enlevées avec des produits à base d'alcool. Ces produits ne présentent aucun danger pour l'acier inoxydable.

Les surfaces en mauvais état peuvent être traitées avec des produits nettoyants pour surfaces chromées. Cependant, il est nécessaire de prendre certaines précautions car ces nettoyants peuvent rayer les surfaces.

À éviter :

- Évitez le contact de l'acier inoxydable avec des produits chimiques puissants, plus particulièrement le chlore.
 - Les produits à base d'acide chlorhydrique, tels que l'eau de javel, peuvent causer des taches et endommager la surface des appareils en acier inoxydable ; ils ne doivent en aucun cas entrer en contact avec ceux-ci.
 - Ne pas utiliser d'éponge métallique ou de produits d'entretien contenant des abrasifs. Les fines particules de la laine d'acier peuvent se loger dans la surface et éventuellement rouiller, donnant l'impression que c'est l'acier inoxydable lui-même qui rouille.
- En milieu humide, évitez le contact de l'acier ordinaire avec l'acier inoxydable.

En fonction du degré d'accumulation de la saleté et les dépôts, il est souhaitable de procéder à un nettoyage tous les 6-12 mois pour salissures légères et 3-6 mois dans tous les cas plus grave.

Consejos de instalación y mantenimiento

La instalación de las luminarias deberá ser realizada únicamente por técnicos especializados, que obedezcan a las buenas prácticas de instalación, siendo conveniente también dar atención a los siguientes puntos:

Índice de protección de la luminaria apropiado para colocar en el local de instalación.

Para rentabilizar la instalación, se deberá ejecutar periódicamente el mantenimiento de las luminarias, de acuerdo al tipo de ambiente donde se encuentran instaladas.

En estas actividades están contemplados la limpieza y mantenimiento con productos específicos según sea el caso, caso contrario, podrá dañar la pintura o inclusive los materiales con que están elaboradas. Existe en el mercado diversos productos no abrasivos específicos para estas situaciones, siendo que recomendamos su utilización.

Respetar siempre las disposiciones de las Reglas Técnicas de Instalaciones Eléctricas de ciertos límites de tensión y compatibilidad electromagnética.

En relación al Método de Instalación, la luminaria deberá ser aplicada de acuerdo a lo descrito en su manual de instrucciones o ficha técnica, siguiendo todos los pasos necesarios para su instalación.

LIMPIEZA Y MANTENIMIENTO DEL ACERO INOXIDABLE

Estas recomendaciones tienen como objetivo, orientar a los propietarios de las luminarias, en relación a la forma eficaz de realizar la limpieza de las mismas, permitiéndoles obtener más beneficios y mayor resistencia a la corrosión del acero inoxidable. Para eliminar los vestigios de dedos y otras marcas, la utilización de agua y jabón o de un detergente ligero, es normalmente eficaz y correcta. Los productos en aerosol son fáciles de aplicar y cubren la superficie con una ligera capa que le da aún más brillo. Estos aerosoles eliminan los vestigios de dedos y previenen que vuelvan a aparecer. Después de aplicar el producto, es necesario limpiar con un paño seco. Los productos de acero inoxidable cromados, se pueden limpiar con productos para vidrios, siempre que estos no contengan cloruro.

Para las manchas más difíciles, se recomienda la utilización de un gel de limpieza no abrasivo, que también es eficaz para remover los vestigios de agua y algunas coloraciones. Después de limpiar, elimine los residuos con agua (preferencialmente destilada) y seque para evitar las manchas del agua. Se deben evitar los productos en polvo, pues, pueden rallar las superficies.

Las manchas de grasa o aceite, pueden ser removidas con productos que contengan alcohol. Estos productos no representan riesgo para el acero inoxidable.

En las superficies deterioradas pueden ser aplicados productos de limpieza para superficies cromadas. También puede utilizar productos para pulir la pintura de los coches. Sin embargo, es necesaria alguna precaución, pues estos productos pueden rallar las superficies.

Entre los productos que NO se deben utilizar en el acero inoxidable, tenemos :

- productos a base de cloro, específicamente el ácido clorhídrico;
- las lejías que contienen hipoclorito. En caso de aplicación por error, enjuagar con agua fría abundante.
- productos para limpieza de plata.

Un paño húmedo o una piel de gamuza, son recomendados para retirar suciedad normal, vestigios de dedos, etc. Para suciedad más difícil, las esponjas de nylon dan buenos resultados.

De acuerdo con la cantidad de residuos y acumulación de los depósitos, es recomendable realizar una limpieza cada 6 a 12 meses para casos moderados y entre 3 a 6 meses para casos más intensos.

PROJECTORES DE PAVIMENTO

Evite sempre a colocação do projector de pavimento em depressões de terreno. Coloque a caixa de pré instalação envolvida na parte superior por um material de fixação suficientemente consistente de forma a não permitir a sua inclinação ou afundamento. Na parte inferior da caixa e à volta do restante corpo, deverá existir uma camada de gravilha que permita efectuar uma boa drenagem (escoamento de águas). Uma correcta drenagem deve permitir o escoamento de 5 litros de água em 8 minutos.

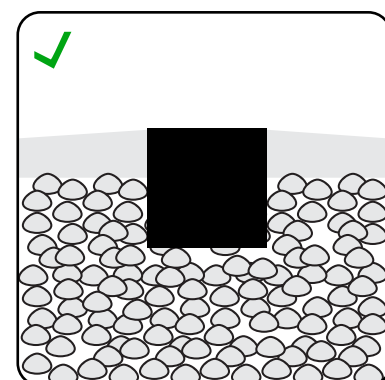
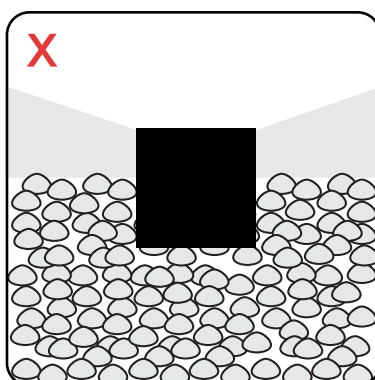
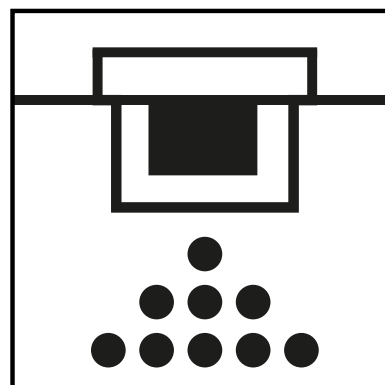
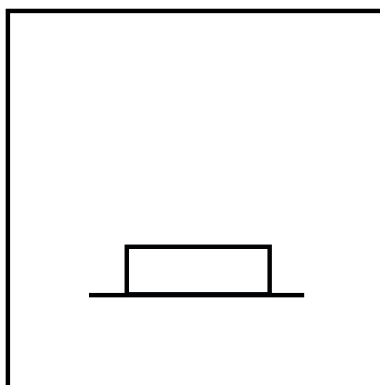
Para efectuar a ligação eléctrica das luminárias de pavimento, deverão ser utilizados cabos flexíveis do tipo H07RN-F ou H05RN-F com isolamento em borracha, de forma a permitir uma boa capacidade de ajustamento do buçim ao condutor eléctrico e consequente boa resistência à penetração de água. Para minimizar o efeito da condensação do vapor de água dentro da luminária, aconselha-se o funcionamento aceso durante uma hora sem o vidro e aro de remate, após este período de funcionamento feche-a imediatamente certificando-se que a junta de vedação se encontra devidamente colocada e isenta de impurezas ou areias. O vidro difusor pode alcançar temperaturas elevadas, evite o contacto directo com o mesmo.

Sugerimos uma limpeza frequente ao exterior da luminária de forma a evitar a acumulação de sujidade e dificuldade na dissipação de calor com consequente alteração dos seus componentes e perda de vedação.

FLOOR PROJECTOR

Always avoid placing it in land depressions. Surround the box with restraining material in such a way so as to avoid that it leans or collapses. A layer of gravel should exist underneath and surrounding the box, for good drainage. (Water flow). A correct draining should allow the absorption of 5 liters of water in 8 minutes. To make the electrical connection of the floor luminaries, flexible cables like H07RN-F or H05RN-F with rubber isolation should be used, in order to allow a good capacity to adjust the gland to the electrical cable and therefore a good resistance to water penetration. To minimize the possible condensation of water inside the device, it should operate for about 1 hour without the protection glass. After that, close it immediately making sure the joint is properly located and free of dirt and sand. Glass diffuser can reach high temperatures, avoid direct contact with it.

We suggest that you regularly clean the outside of the luminary so to avoid the accumulation of dirt and the difficult dissipation of heat with consequent alteration of its components and loss of sealing.

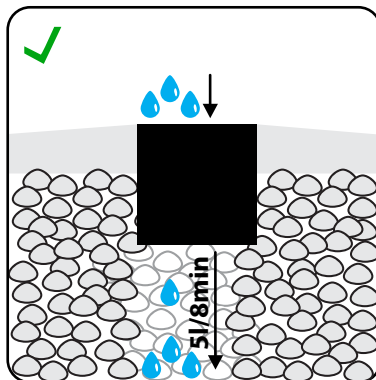
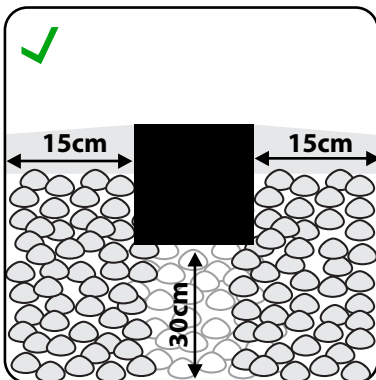


ENCASTRÉ DE SOL

Évitez toujours d'appliquer les encastrés de sol dans les dépressions terrestres. Entourez la boîte d'encastrement avec du matériel de fixation suffisamment robuste de manière à éviter qu'il se penche ou s'effondre. Il faudra prévoir, un système de drainage, gravier, sable de 30 cm en dessous de l'appareil. Un bon drainage doit permettre l'absorption de 5 litres d'eau en 8 minutes. Pour établir la connexion électrique des luminaires de sol, câbles souples comme H07RN-F ou H05RN-F avec une isolation en caoutchouc. Afin de minimiser la condensation à l'intérieur du dispositif, il doit fonctionner pendant environ 1 heure sans le verre de protection. Après cela on doit mettre le verre en place, et serrer les vis pour fermer l'appareil. Lorsque vous éteignez l'appareil, celui-ci va refroidir, créer un vide d'air et se mettre sous pression. Le diffuseur en verre peut atteindre des températures élevées, éviter le contact direct avec elle. Nous vous conseillons de nettoyer régulièrement l'extérieur du luminaire afin d'éviter l'accumulation de saleté et de faciliter la dissipation de la chaleur.

PROYECTORES DE PAVIMENTO

Evite la aplicación del proyector de pavimento en depresiones de terreno. Coloque la caja de pre-instalación envuelta en su parte superior, con un material de sujeción suficientemente consistente que evite su inclinación o hundimiento. En la parte inferior de la caja y alrededor del cuerpo de la luminaria, deberá existir una capa de grava que permita realizar un drenaje adecuado del agua. Un drenaje adecuado, deberá permitir el flujo de 5 litros de agua en 8 minutos. Para efectuar la conexión eléctrica de las luminarias de pavimento, deberán ser utilizados cables flexibles del tipo H07RN-F o H05RN-F con aislamiento de goma, de esta forma permitirá un adecuado ajuste del prensaestopas al cable, aumentando la resistencia a la entrada de agua. Para minimizar el efecto de la condensación del vapor de agua dentro de la luminaria, se recomienda encender la luminaria durante 1 hora antes de colocar el vidrio y el aro de remate, luego, complete la instalación y verifique que la goma de aislamiento está colocada de forma correcta y sin impurezas que puedan anular su efecto. El vidrio difusor puede alcanzar temperaturas elevadas, evite el contacto directo con el mismo. Recomendamos que limpie con frecuencia el exterior de la luminaria, por forma a evitar la acumulación suciedad que dificulta la disipación del calor, lo que afecta los componentes de la luminaria e inclusive pérdida del aislamiento.





GARANTIA FITA LED

Condições da garantia:

A gama de produtos Flexistrip, Flexiproof, Conforstrip, Colorstrip e respetivos acessórios são produtos que, do ponto de vista tecnológico, são bastante sensíveis ao manuseamento e às condições de instalação.

Para salvaguarda da garantia, é conveniente que sejam respeitadas algumas regras de manuseamento e instalação, sendo por isso recomendável que a instalação seja efetuada por pessoal técnico qualificado.

De forma a sensibilizar os nossos clientes, gostaríamos de destacar alguns aspetos importantes que consideramos determinantes para o bom funcionamento dos produtos.

A garantia dos nossos produtos exclui totalmente a cobertura por desgaste excessivo e/ou desrespeito das regras de instalação; o seu desrespeito resultará na perda da garantia.

Procedimentos em caso de avaria:

Se se verificar que durante a instalação ou durante o período de funcionamento existem problemas de qualidade, deverá contactar-nos de imediato antes de efetuar qualquer tipo de manutenção ou remoção de componentes.

Logo que a avaria for detetada, deverá contactar-nos de imediato para que seja enviado ao local um técnico para averiguar a origem do problema.

Se o produto estiver a funcionar corretamente, concluindo-se que o erro reside na má instalação ou por incompatibilidade com produtos não recomendados pela Lumitek, as condições de garantia serão nulas e por isso será cobrado um custo associado à deslocação.

Caso o cliente necessite de algum componente para substituição e o processo de avaliação da reclamação esteja a decorrer, o cliente terá de efetuar nova compra até que o processo de análise da reclamação fique resolvido.

Não serão fornecidos fitas ou outros componentes de substituição sem que antes o produto inicialmente fornecido (original) tenha sido devolvido/rececionado, testado e considerado efetivamente defeituoso.

Caso se verifique que efetivamente existe um problema de qualidade, será emitida nota de crédito do material entretanto devolvido ou recolhido pelo nosso técnico.

Prazos de Garantia:

Fitas LED:

Flexistrip IP20 – Garantia 4 anos
Conforstrip WW+W IP20 – Garantia 4 anos
Colorstrip IP20 – Garantia 4 anos
Colorstrip +W IP20 – Garantia 4 anos
Colorstrip IP65 – Garantia 2 anos
Flexiproof IP65 – Garantia 2 anos

Fontes de alimentação:

Fontes de alimentação IP67 [LPV] – Garantia 2 anos
Fontes de alimentação IP20 [LRS] – Garantia 3 anos
Fontes de alimentação IP20 [RSP] – Garantia 3 anos
Fontes de alimentação IP20 [DR] – Garantia 3 anos
Fontes de alimentação IP20 [NDR] – Garantia 3 anos
Fontes de alimentação IP65 [ELG] – Garantia 5 anos
Fontes de alimentação IP65 [HLG] – Garantia 7 anos

Perfis e acessórios:

Perfis alumínio AluPRO 90°, AluPRO/S, AluPRO/E – Garantia 3 anos
União linear, conector com cabo de ligação, extensão 15 cms – Garantia 3 anos
Controle Dimmer, Controle RGB, Controle RGB+W, Controle variação cor WW+W – Garantia 5 anos
Controlador Bluetooth DLX1224-4CV-BLE – Garantia 2 anos

As garantias não estão cobertas por falhas ou danos resultantes de:

- A não aplicação sobre o perfil em alumínio, AluPRO 90°, AluPRO/S, AluPRO/E.
- A instalação em locais exíguos, fechados ou pouco ventilados e expostos diretamente à luz solar.
- Humidade excessiva em produtos com índice de proteção IP20.
- Qualquer tipo de substância que possa danificar o LED, como por exemplo: tintas, produtos de limpeza, diluentes, etc.
- Danos causados pelo transporte e mau acondicionamento dos materiais, assim como qualquer tipo de alteração ou modificação efetuada ao produto.
- A não utilização de fontes de alimentação, conectores, controladores e perfis por nós recomendados.
- Ligações incorretas à fonte de alimentação, conectores e controladores, desrespeitando as polaridades indicadas.
- Ligações em contínuo em comprimentos superiores a 5 metros.
(Obs.: para comprimentos superiores, é recomendável que a fita esteja ligada em paralelo.)
- Quebras e sobretensões da corrente no circuito elétrico.
- Ligação a tensões de saída erradas e/ou mau dimensionamento da potência da fonte relativamente à potência da fita.

Para mais informações ou esclarecimentos, poderá contactar-nos pelo seguinte endereço electrónico: info@lumitek.pt

LED STRIP WARRANTY

Warranty terms and conditions:

The Flexistrip, Flexiproof, Conforstrip and Colorstrip range of products and their accessories are technologically very sensitive to handling and installation conditions.

In order to safeguard your warranty, some handling and installation rules should be adhered to. Therefore, we recommend that the installation be carried out by qualified technical personnel.

With the aim of raising our customers' awareness, we would like to focus on some important aspects that we consider crucial to the proper functioning of the products.

Products warranties totally exclude coverage due to excessive wear and/or non-compliance with installation rules. Such non-compliance will result in loss of warranty.

Procedures to be followed in case of malfunction:

If any quality problems are detected during installation or operation, please contact us immediately before performing any type of maintenance or removing any components.

When a malfunction is detected, please contact us immediately so that a technician can be sent to the site to investigate the cause of the problem.

If the product is working correctly and it is concluded that the error is due to improper installation or incompatibility with products not recommended by Lumitek, the warranty conditions shall be null and void, and therefore travel expenses will be charged.

If the customer needs to replace a component while the claim assessment process is underway, the customer will need to make a new purchase until the claim analysis process is resolved.

No lightstrips or other replacement components will be supplied until the original product is returned, tested and found to be defective.

If it is established that there is an actual quality problem, a credit note will be issued for the materials that were returned or collected by our technician.

Warranty Periods:

LED Lightstrips:

IP20Flexistrip – 4-year warranty
Conforstrip WW+W IP20 – 4-year warranty
Colorstrip IP20 – 4-year warranty
Colorstrip +W IP20 – 4-year warranty
Colorstrip IP65 – 2-year warranty
Flexiproof IP65 – 2-year warranty

Power Supplies:

IP67 [LPV] power supplies – 2-year warranty
IP20 [LRS] power supplies – 3-year warranty
IP20 [RSP] power supplies – 3-year warranty
IP20 [DR] power supplies – 3-year warranty
IP20 [NDR] power supplies – 3-year warranty
IP65 [ELG] power supplies – 5-year warranty
IP65 [HLG] power supplies – 7-year warranty

Profiles and accessories:

AluPRO 90°, AluPRO/S, AluPRO/E Aluminium Profiles – 3-year warranty
Linear connection, connector with connecting cable, 15-cm extension – 3-year warranty
Dimmer Controller, RGB Controller, RGB+W Controller, Colour Variation WW+W Controller – 5-year warranty
DLX1224-4CV-BLE Bluetooth Controller – 2-year warranty

Warranties do not cover malfunction or damage resulting from:

- Non-application on the aluminium profile – AluPRO 90°, AluPRO/S, AluPRO/E.
- Installation in areas that are cramped, enclosed, poorly ventilated or exposed to direct sunlight.
- Excessive moisture in products with an IP20 protection rating.
- Any type of substance that could damage the LED, such as paint, cleaning products, thinners, etc.
- Damage caused by transportation and inadequate packing of the materials, as well as any type of alteration or modification to the product.
- Not using power supplies, connectors, controllers and profiles recommended by us.
- Incorrect connections to the power supply, connectors and controllers which disregard the polarities indicated.
- Continuous connections with lengths over 5 metres.
(Note: for lengths above this we recommend that the lightstrip be connected in parallel.)
- Current breaks or overvoltage in the electric circuit.
- Connection to the wrong output voltage and/or wrong sizing of the power of the source in regard to the power of the lightstrip.

For further information or enquiries, please e-mail us at: info@lumitek.pt

GARANTIA FITA LED

Conditions de garantie:

La gamme de produits Flexistrip, Flexiproof, Conforstrip, Colorstrip et accessoires respectifs sont des produits qui, d'un point de vue technologique, sont assez sensibles à la manipulation et aux conditions d'installation.

Pour sauvegarder la garantie, il convient que quelques règles de manipulation et d'installation soient respectées, avec pour recommandation que l'installation soit effectuée par du personnel techniquement qualifié.

De manière à sensibiliser nos clients, nous aimerions de mettre en avant quelques aspects importants que nous considérons déterminants pour le bon fonctionnement des produits.

La garantie de nos produits exclut totalement la couverture par usure excessive et/ou non-respect des règles d'installation ; votre non-respect aura pour résultat la perte de garantie.

Procédures en cas de panne :

Si l'est vérifié que durant l'installation ou durant la période de fonctionnement des problèmes de qualité existent, vous devrez nous contacter immédiatement avant d'effectuer un quelconque type de manutention ou de suppression de composants.

Dès que la panne est détectée, vous devrez nous contacter immédiatement pour qu'un technicien soit envoyé sur les lieux afin d'examiner l'origine du problème. Si le produit fonctionne correctement, avec comme conclusion que l'erreur se situe dans une mauvaise installation ou d'une incompatibilité avec des produits non recommandés par Lumitek, les conditions de garantie seront annulées et par conséquent un coût associé au déplacement sera à charge.

Au cas où le client nécessite d'un composant pour substitution et que le processus d'évaluation de la réclamation est en cours, le client devra effectuer un nouvel achat jusqu'à ce que le processus d'analyse de la réclamation soit résolu.

Aucun ruban ne sera fourni ou autres composants de substitution sans qu'auparavant le produit initialement fourni (l'original) ait été restitué/receptionné, testé et considéré effectivement défectueux.

Au cas où il est vérifié qu'effectivement il existe un problème de qualité, une note de crédit sera émise pour le matériel restitué entre-temps ou récupéré par notre technicien.

Délais de Garantie :

Rubans LED :

Flexistrip IP20 – Garantie 4 ans

Conforstrip WW+W IP20 – Garantie 4 ans

Colorstrip IP20 – Garantie 4 ans

Colorstrip +W IP20 – Garantie 4 ans

Colorstrip IP65 – Garantie 2 ans

Flexiproof IP65 – Garantie 2 ans

Sources d'alimentation :

Sources d'alimentation IP67 [LPV] – Garantie 2 ans

Sources d'alimentation IP20 [LRS] – Garantie 3 ans

Sources d'alimentation IP20 [RSP] – Garantie 3 ans

Sources d'alimentation IP20 [DR] – Garantie 3 ans

Sources d'alimentation IP20 [NDR] – Garantie 3 ans

Sources d'alimentation IP65 [ELG] – Garantie 5 ans

Sources d'alimentation IP65 [ELG] – Garantie 7 ans

Profils et accessoires :

Profils aluminium AluPRO 90°, AluPRO/S, AluPRO/E – Garantie 3 ans

Union linéaire, connecteur avec câble de connexion, extension 15 cms – Garantie 3 ans

Contrôle Dimmer, Contrôle RGB, Contrôle RGB+W, Contrôle variation couleur WW+W – Garantie 5 ans

Contrôleur Bluetooth DLX1224-4CV-BLE – Garantie 2 ans

Les garanties ne sont pas couvertes suite à des erreurs ou dommages résultants de :

A) La non application sur le profil en aluminium AluPRO 90°, AluPRO/S, AluPRO/E.

B) L'installation dans des lieux étroits, fermés ou peu ventilés et exposés directement aux rayons solaires.

C) L'humidité excessive pour des produits avec un indice de protection IP20.

D) Tout type de substance qui puisse endommager le LED, comme par exemple : peintures, produits ménagers, diluants, etc.

E) Dommages causés par le transport et le mauvais emballage des matériaux, ainsi que tout type de changement ou modification effectuée sur le produit.

F) La non utilisation de sources d'alimentation, connecteurs, contrôleurs et profils recommandés par nous.

G) Branchements incorrectes à la source d'alimentation, connecteurs et contrôleurs, sans respecter les polarités indiquées.

H) Branchements en continu sur des longueurs supérieures à 5 mètres.

(Obs. : pour des longueurs supérieures, nous recommandons que le ruban soit branché en parallèle.)

I) Coupures et surtensions de courant dans le circuit électrique.

J) Branchement à des tensions de sortie incorrectes et/ou mauvais dimensionnement de la puissance de la source relativement à la puissance du ruban.

Pour plus d'informations ou éclaircissements, vous pourrez nous contacter à travers l'adresse électronique suivante :

LED STRIP WARRANTY

Condiciones de la garantía:

La gama de productos Flexistrip, Flexiproof, Conforstrip, Colorstrip y sus accesorios son productos muy sensibles desde el punto de vista tecnológico a la manipulación y condiciones de instalación.

Para proteger la garantía es conveniente que se respeten algunas normas de manejo e instalación, por lo que se recomienda que la instalación sea realizada por personal técnico cualificado.

A fin de sensibilizar a nuestros clientes, nos gustaría destacar algunos aspectos importantes que consideramos determinantes para el buen funcionamiento de los productos.

La garantía de nuestros productos excluye totalmente la cobertura por desgaste excesivo y/o incumplimiento de las normas de instalación; su incumplimiento dará lugar a la pérdida de garantía.

Procedimientos en caso de avería:

Si se comprueba que durante la instalación o el periodo de funcionamiento existen problemas de calidad, póngase en contacto con nosotros inmediatamente antes de hacer cualquier tipo de mantenimiento o de retirar algún componente.

En cuanto detecte la avería, póngase en contacto con nosotros de inmediato para que enviemos al lugar a un técnico para averiguar el origen del problema. Si el producto funciona correctamente y se llega a la conclusión de que el error reside en una mala instalación o en la incompatibilidad con los productos no recomendados por Lumitek, esto dará lugar a la nulidad de las condiciones de garantía y se le cobrará un coste por desplazamiento.

Si el cliente necesita algún componente de repuesto y el proceso de evaluación de la reclamación está en curso, el cliente deberá realizar una nueva compra hasta que el proceso de análisis de la reclamación se resuelva.

No se suministrarán tiras u otros componentes de repuesto sin que el producto suministrado inicialmente (original) haya sido devuelto/recibido, sometido a prueba y dado efectivamente por defectuoso.

Si se comprueba que, efectivamente, existe un problema de calidad, se emitirá una nota de crédito del material devuelto o recogido por nuestro técnico.

Plazos de Garantía:

Tiras LED:

Flexistrip IP20 – 4 años de garantía

Conforstrip WW+W IP20 – 4 años de garantía

Colorstrip IP20 – 4 años de garantía

Colorstrip +W IP20 – 4 años de garantía

Colorstrip IP65 – 2 años de garantía

Flexiproof IP65 – 2 años de garantía

Fuentes de alimentación:

Fuentes de alimentación IP67 [LPV] – 2 años de garantía

Fontes de alimentación IP20 [LRS] – 3 años de garantía

Fontes de alimentación IP20 [RSP] – 3 años de garantía

Fontes de alimentación IP20 [DR] – 3 años de garantía

Fontes de alimentación IP20 [NDR] – 3 años de garantía

Fontes de alimentación IP65 [ELG] – 5 años de garantía

Fontes de alimentación IP65 [HLG] – 7 años de garantía

Perfiles y accesorios:

Perfil de aluminio AluPRO 90°, AluPRO/S, AluPRO/E – 3 años de garantía

Conexión Lineal, conector con cable de conexión, extensión 15 cm – 3 años de garantía

Control Dimmer, Control RGB, Control RGB + W, Control variación color WW + W – 5 años de garantía

Controlador Bluetooth DLX1224-4CV-BLE – 2 años de garantía

Las garantías no están cubiertas por fallos o daños causados como consecuencia de:

A) La no aplicación sobre el perfil de aluminio AluPRO 90°, AluPRO/S, AluPRO/E.

B) La instalación en lugares pequeños, cerrados o poco ventilados y expuestos directamente a la luz solar.

C) La excesiva humedad en productos con índice de protección IP20.

D) Cualquier tipo de sustancia que pueda dañar el LED, como pinturas, productos de limpieza, diluyentes, etc.

E) Los daños causados por el transporte y mal acondicionamiento de los materiales y por cualquier tipo de cambio y modificación efectuado al producto.

F) No utilizar fuentes de alimentación, conectores, controladores y perfiles recomendados por nosotros.

G) Conexiones incorrectas a la fuente de alimentación, conectores y controladores sin respetar las polaridades indicadas.

H) Conexiones en continuo en longitudes superiores a 5 metros.

(Nota: para longitudes superiores es recomendable que la tira se conecte en paralelo.)

I) Cortes y picos de tensión de la corriente en el circuito eléctrico.

J) Conexión a tensiones de salida incorrectas y/o mal dimensionamiento de la potencia de la fuente respecto a la potencia de la tira.

Para más información o si necesita alguna aclaración, póngase en contacto con nosotros a través la siguiente dirección de correo electrónico:



ÍNDICE ALFABÉTICO | ALPHABETICAL INDEX

	Pág.	Nome Name Nom Nombre	Instalação Installation Installation Instalación	Aplicação Application Application Aplicación
2	79	250	Interior indoor intérieur interno	Teto spots e downlights ceiling spots and downlights plafond spots et downlights luminarias techo
	79	260	Interior indoor intérieur interno	Teto spots e downlights ceiling spots and downlights plafond spots et downlights luminarias techo
5	79	530	Interior indoor intérieur interno	Teto spots e downlights ceiling spots and downlights plafond spots et downlights luminarias techo
	79	540	Interior indoor intérieur interno	Teto spots e downlights ceiling spots and downlights plafond spots et downlights luminarias techo
A	40	ALUPRO-90°	Interior indoor intérieur interno	Fita led e perfis led strip and profile ruban led et profil fita led y perfil
	40	ALUPRO-E	Interior indoor intérieur interno	Fita led e perfis led strip and profile ruban led et profil fita led y perfil
	40	ALUPRO-S	Interior indoor intérieur interno	Fita led e perfis led strip and profile ruban led et profil fita led y perfil
	189	AQUS	Exterior outdoor extérieur esterno	Submersão submersion submersion inmersión
	161	ARCH	Exterior outdoor extérieur esterno	Parede e poste wall and bollard mur et borne pared y postes
	69	ARY	Interior indoor intérieur interno	Teto spots e downlights ceiling spots and downlights plafond spots et downlights luminarias techo
B	71	BEAM	Interior indoor intérieur interno	Teto spots e downlights ceiling spots and downlights plafond spots et downlights luminarias techo
	141	BEEP	Interior indoor intérieur interno	Parede saliente e encastrar wall surface and recessed mur saillie et encastré pared saliente y empotrada
C	53	C1	Interior indoor intérieur interno	Sistema carril track system système de rails sistemas de carril
	49	C3	Interior indoor intérieur interno	Sistema carril track system système de rails sistemas de carril
	51	C3-RCS	Interior indoor intérieur interno	Sistema carril track system système de rails sistemas de carril
	85	CANUZAPU	Interior indoor intérieur interno	Teto spots e downlights ceiling spots and downlights plafond spots et downlights luminarias techo
	163	CHAMALEON	Exterior outdoor extérieur esterno	Parede e poste wall and bollard mur et borne pared y postes
	153	CHAPEAU	Exterior outdoor extérieur esterno	Parede e poste wall and bollard mur et borne pared y postes
	153	CHAPEAU-W	Exterior outdoor extérieur esterno	Parede e poste wall and bollard mur et borne pared y postes
	95	CIRCUSPOT	Interior indoor intérieur interno	Teto spots e downlights ceiling spots and downlights plafond spots et downlights luminarias techo
	35	COLORSTRIP	Interior indoor intérieur interno	Fita led e perfis led strip and profile ruban led et profil fita led y perfil
	37	COLORSTRIP IP65	Interior indoor intérieur interno	Fita led e perfis led strip and profile ruban led et profil fita led y perfil
	39	COLORSTRIP+W	Interior indoor intérieur interno	Fita led e perfis led strip and profile ruban led et profil fita led y perfil
	29	CONFORSTRIP	Interior indoor intérieur interno	Fita led e perfis led strip and profile ruban led et profil fita led y perfil
	41-43	CONTROLADOR LED	Interior indoor intérieur interno	Fita led e perfis led strip and profile ruban led et profil fita led y perfil
D	75	DEEP	Interior indoor intérieur interno	Teto spots e downlights ceiling spots and downlights plafond spots et downlights luminarias techo
	75	DEEP-R	Interior indoor intérieur interno	Teto spots e downlights ceiling spots and downlights plafond spots et downlights luminarias techo
	91	DEEP-S1	Interior indoor intérieur interno	Teto spots e downlights ceiling spots and downlights plafond spots et downlights luminarias techo
	91	DEEP-S2	Interior indoor intérieur interno	Teto spots e downlights ceiling spots and downlights plafond spots et downlights luminarias techo
	73	D-LIGHT	Interior indoor intérieur interno	Teto spots e downlights ceiling spots and downlights plafond spots et downlights luminarias techo
	45	DR-30/60/100	Interior indoor intérieur interno	
	151	DUCK 30	Exterior outdoor extérieur esterno	Parede e poste wall and bollard mur et borne pared y postes
	151	DUCK 80	Exterior outdoor extérieur esterno	Parede e poste wall and bollard mur et borne pared y postes
	159	DUEL XL	Exterior outdoor extérieur esterno	Parede e poste wall and bollard mur et borne pared y postes
E	103	EFFICIENT	Interior indoor intérieur interno	Teto spots e downlights ceiling spots and downlights plafond spots et downlights luminarias techo
	105	EFFICIENT - D	Interior indoor intérieur interno	Teto spots e downlights ceiling spots and downlights plafond spots et downlights luminarias techo
	45	ELG-200	Interior indoor intérieur interno	Fita led e perfis led strip and profile ruban led et profil fita led y perfil
F	83	FIXLED 3	Interior indoor intérieur interno	Teto spots e downlights ceiling spots and downlights plafond spots et downlights luminarias techo
	83	FIXLED 6	Interior indoor intérieur interno	Teto spots e downlights ceiling spots and downlights plafond spots et downlights luminarias techo
	27	FLEXISTRIP 4,8W	Interior indoor intérieur interno	Fita led e perfis led strip and profile ruban led et profil fita led y perfil
	25	FLEXISTRIP 9,6W	Interior indoor intérieur interno	Fita led e perfis led strip and profile ruban led et profil fita led y perfil
	23	FLEXISTRIP 14,4W	Interior indoor intérieur interno	Fita led e perfis led strip and profile ruban led et profil fita led y perfil
	21	FLEXISTRIP 23W	Interior indoor intérieur interno	Fita led e perfis led strip and profile ruban led et profil fita led y perfil
	33	FLEXIPROOF 9,6W	Interior indoor intérieur interno	Fita led e perfis led strip and profile ruban led et profil fita led y perfil
	31	FLEXIPROOF 14,4W	Interior indoor intérieur interno	Fita led e perfis led strip and profile ruban led et profil fita led y perfil
G	185	GAZUDIO	Exterior outdoor extérieur esterno	Pavimento pavement encastré de sol pavimento
H	61	HAGO 111	Interior indoor intérieur interno	Sistema carril track system système de rails sistemas de carril
	59	HAGO LED	Interior indoor intérieur interno	Sistema carril track system système de rails sistemas de carril
	45	HLG-320H	Interior indoor intérieur interno	Fita led e perfis led strip and profile ruban led et profil fita led y perfil
J	177	JAVA	Exterior outdoor extérieur esterno	Pavimento pavement encastré de sol pavimento
L	45	LPV-60/100/150	Interior indoor intérieur interno	Fita led e perfis led strip and profile ruban led et profil fita led y perfil
	45	LRS-35/75/100/150	Interior indoor intérieur interno	Fita led e perfis led strip and profile ruban led et profil fita led y perfil
	139	LUCKY 1	Interior indoor intérieur interno	Parede saliente e encastrar wall surface and recessed mur saillie et encastré pared saliente y empotrada
	165	LUCY	Exterior outdoor extérieur esterno	Parede e poste wall and bollard mur et borne pared y postes
M	63	MIRA	Interior indoor intérieur interno	Sistema carril track system système de rails sistemas de carril
	167	MIROM	Exterior outdoor extérieur esterno	Parede e poste wall and bollard mur et borne pared y postes

ÍNDICE ALFABÉTICO | INDEX ALPHABETIC

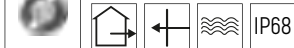
Pág.	Nome Name Nom Nombre	Instalação Installation Installation Instalación	Aplicação Application Application Aplicación
167 65	MIROM-W MOSS	Exterior outdoor extérieur esterno interior indoor intérieur interno	Parede e poste wall and bollard mur et borne pared y postes Sistema carril track system système de rails sistemas de carril
N			
183 183 45 129 127 57 137	NAFT-R NAFT-S NDR-240 NOVUN-P NOVUN-S NOVUN-T NOVUN-W	Exterior outdoor extérieur esterno Exterior outdoor extérieur esterno Interior indoor intérieur interno Interior indoor intérieur interno Interior indoor intérieur interno Interior indoor intérieur interno Interior indoor intérieur interno	Pavimento pavement encastré de sol pavimento Pavimento pavement encastré de sol pavimento Fita led e perfis led strip and profile ruban led et profil fita led y perfil Teto saliente e suspensão plafonniers and pendant plafonniers et suspensions plafones y colgantes Teto saliente e suspensão plafonniers and pendant plafonniers et suspensions plafones y colgantes Sistema carril track system système de rails sistemas de carril Parede saliente e encastrar wall surface and recessed mur saillie et encastré pared saliente y empotrada
O			
191 191 83 83	OCEAN OCEAN XL OSCILED 3 OSCILED 6	Exterior outdoor extérieur esterno Exterior outdoor extérieur esterno Interior indoor intérieur interno Interior indoor intérieur interno	Submersão submersion submersion inmersión Submersão submersion submersion inmersión Teto spots e downlights ceiling spots and downlights plafond spots et downlights luminarias techo Teto spots e downlights ceiling spots and downlights plafond spots et downlights luminarias techo
P			
115 115 115 111-113 111-113 111-113 92 92	PARADOX COMBI 1 PARADOX COMBI 2 PARADOX COMBI 3 PARALED 1 PARALED 2 PARALED 3 PROTON 1 PROTON 2	Interior indoor intérieur interno Interior indoor intérieur interno Interior indoor intérieur interno Interior indoor intérieur interno Interior indoor intérieur interno Interior indoor intérieur interno Interior indoor intérieur interno Interior indoor intérieur interno	Teto spots e downlights ceiling spots and downlights plafond spots et downlights luminarias techo Teto spots e downlights ceiling spots and downlights plafond spots et downlights luminarias techo Teto spots e downlights ceiling spots and downlights plafond spots et downlights luminarias techo Teto spots e downlights ceiling spots and downlights plafond spots et downlights luminarias techo Teto spots e downlights ceiling spots and downlights plafond spots et downlights luminarias techo Teto spots e downlights ceiling spots and downlights plafond spots et downlights luminarias techo Teto spots e downlights ceiling spots and downlights plafond spots et downlights luminarias techo Teto spots e downlights ceiling spots and downlights plafond spots et downlights luminarias techo
R			
93 107 45	RONDO ROUND LED RSP-200/320	Interior indoor intérieur interno Interior indoor intérieur interno Interior indoor intérieur interno	Teto spots e downlights ceiling spots and downlights plafond spots et downlights luminarias techo Teto spots e downlights ceiling spots and downlights plafond spots et downlights luminarias techo Fita led e perfis led strip and profile ruban led et profil fita led y perfil
S			
171 171 117 149 149 149 179 179 179 179 179 157 133 133	SHUT-R SHUT-S SQUARE LED STEELO 45 STEELO 80 STEELO W STRATUS STRATUS 1 STRATUS 2 STRATUS 4 STROND SURFACE - ROUND LED SURFACE - SQUARE LED	Exterior outdoor extérieur esterno Exterior outdoor extérieur esterno Interior indoor intérieur interno Exterior outdoor extérieur esterno Exterior outdoor extérieur esterno Exterior outdoor extérieur esterno Exterior outdoor extérieur esterno Exterior outdoor extérieur esterno Exterior outdoor extérieur esterno Exterior outdoor extérieur esterno Exterior outdoor extérieur esterno Interior indoor intérieur interno Interior indoor intérieur interno	Teto saliente ceiling surface plafond saillie techo saliente Teto saliente ceiling surface plafond saillie techo saliente Teto spots e downlights ceiling spots and downlights plafond spots et downlights luminarias techo Parede e poste wall and bollard mur et borne pared y postes Parede e poste wall and bollard mur et borne pared y postes Parede e poste wall and bollard mur et borne pared y postes Pavimento pavement encastré de sol pavimento Pavimento pavement encastré de sol pavimento Pavimento pavement encastré de sol pavimento Pavimento pavement encastré de sol pavimento Pavimento pavement encastré de sol pavimento Parede e poste wall and bollard mur et borne pared y postes Teto spots e downlights ceiling spots and downlights plafond spots et downlights luminarias techo Teto spots e downlights ceiling spots and downlights plafond spots et downlights luminarias techo
T			
97 181 181 175 131	TECHNO LED THERA-R THERA-S TOBA XL TOLSH T	Interior indoor intérieur interno Exterior outdoor extérieur esterno Exterior outdoor extérieur esterno Exterior outdoor extérieur esterno Interior indoor intérieur interno	Teto spots e downlights ceiling spots and downlights plafond spots et downlights luminarias techo Pavimento pavement encastré de sol pavimento Pavimento pavement encastré de sol pavimento Pavimento pavement encastré de sol pavimento Teto saliente e suspensão plafonniers and pendant plafonniers et suspensions plafones y colgantes
V			
138 123 99 101 121 125 109 55 147	VALSIGO VERSATIS-P VERSATIS-RD VERSATIS-RS VERSATIS-S VERSATIS-SP VERSATIS-SQ VERSATIS-T VISIOLED	Interior indoor intérieur interno Interior indoor intérieur interno Interior indoor intérieur interno Interior indoor intérieur interno Interior indoor intérieur interno Interior indoor intérieur interno Interior indoor intérieur interno Interior indoor intérieur interno Exterior outdoor extérieur esterno	Parede saliente e encastrar wall surface and recessed mur saillie et encastré pared saliente y empotrada Teto saliente e suspensão plafonniers and pendant plafonniers et suspensions plafones y colgantes Teto spots e downlights ceiling spots and downlights plafond spots et downlights luminarias techo Teto spots e downlights ceiling spots and downlights plafond spots et downlights luminarias techo Teto saliente e suspensão plafonniers and pendant plafonniers et suspensions plafones y colgantes Teto saliente e suspensão plafonniers and pendant plafonniers et suspensions plafones y colgantes Teto spots e downlights ceiling spots and downlights plafond spots et downlights luminarias techo Sistema carril track system système de rails sistemas de carril Parede e poste wall and bollard mur et borne pared y postes
W			
155 155	WALLY WALLY 80	Exterior outdoor extérieur esterno Exterior outdoor extérieur esterno	Parede e poste wall and bollard mur et borne pared y postes Parede e poste wall and bollard mur et borne pared y postes
Z			
81 87 89 77 77 77	ZEN ZEN IP65 ZEN XL IP65 ZITRA 1 ZITRA 2 ZITRA 3	Interior indoor intérieur interno Interior indoor intérieur interno Interior indoor intérieur interno Interior indoor intérieur interno Interior indoor intérieur interno Interior indoor intérieur interno	Teto spots e downlights ceiling spots and downlights plafond spots et downlights luminarias techo Teto spots e downlights ceiling spots and downlights plafond spots et downlights luminarias techo Teto spots e downlights ceiling spots and downlights plafond spots et downlights luminarias techo Teto spots e downlights ceiling spots and downlights plafond spots et downlights luminarias techo Teto spots e downlights ceiling spots and downlights plafond spots et downlights luminarias techo Teto spots e downlights ceiling spots and downlights plafond spots et downlights luminarias techo

2		250	79
		260	79
5		530	79
		540	79
A		AQUUS	189
		ARCH	161
		ARY	69
B		BEAM	71
		BEEP	141
C		C1	53
		C3	49
		C3-RCS	51
		CANUZAPU	85
		CHAMALEON	163
		CHAPEAU	153
		CHAPEAU-W	153
		CIRCUSPOT	95
		COLORSTRIP	35

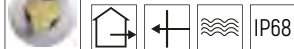
		COLORSTRIP IP65	37
		COLORSTRIP+W	39
		CONFORSTRIP 14,4W	29
D		D-LIGHT	73
		DEEP	75
		DEEP - S1	91
		DEEP - S2	91
		DUCK 30	151
		DUCK 80	151
		DUEL XL	159
E		EFFICIENT	103
		EFFICIENT - D	104
F		FIXLED 3	83
		FIXLED 6	83
		FLEXIPROOF 14,4W	31
		FLEXIPROOF 9,6W	33
		FLEXISTRIP 14,4W	23
		FLEXISTRIP 23W	21

		FLEXISTRIP 4,8W	27
		FLEXISTRIP 9,6W	25
G		GAZUDIO	185
H		HAGO 111	61
		HAGO LED	59
J		JAVA	176
L		LUCKY 1	139
		LUCY	165
M		MIRA	63
		MIROM	167
		MIROM-W	167
		MOSS	65
N		NAFT-R	183
		NAFT-S	183
		NOVUN-P	129
		NOVUN-S	127
		NOVUN-T	57
		NOVUN-W	137

O OCEAN 191



OCEAN XL 191



OSCILED 3 83



OSCILED 6 83



P PARADOX COMBI 1 115



PARADOX COMBI 2 115



PARADOX COMBI 3 115



PARALED 1 111/113



PARALED 2 111/113



PARALED 3 111/113



PROTON 1 92



PROTON 2 92



R RONDO 93



ROUND LED 107



S SHUT-R 171



SHUT-S 171



SQUARE LED 117



STEELO 45 149



STEELO 80 149



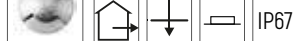
STEELO W 149



STRATUS 179



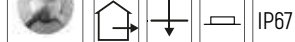
STRATUS 1 179



STRATUS 2 179



STRATUS 4 179



STROND 157



SURFACE-ROUND LED 133



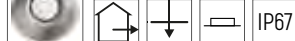
SURFACE-SQUARE LED 133



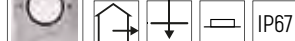
T TECHNO LED 97



THERA - R 181



THERA - S 181



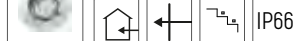
TOBA XL 175



TOLSH T 131



V VALSIGO 138



VERSATIS-P 123



VERSATIS-RD 99



VERSATIS-RS 101



VERSATIS-S 121



VERSATIS-SP 125



VERSATIS-SQ 109



VERSATIS-T 55



VISIOLED 147



W WALLY 155



WALLY 80 155



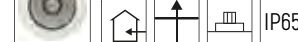
Z ZEN 81



ZEN IP65 87



ZEN XL IP65 88



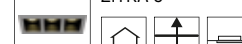
ZITRA 1 77



ZITRA 2 77



ZITRA 3 77



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