

2016
2017

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oms

Starting with big ideas in an unknown corner of a small Eastern European country back in 1995, we have risen to become one of the fastest growing lighting companies in Europe, operating in 122 countries around the globe.



Established	1995
Number of employees	950
Export	98.5 %
Total production facility surface area	93,500 m²

We have one of the best equipped R&D departments in Europe. Within our product, optical, electronic, thermal and mechanical design departments you will find an international team of highly qualified and experienced specialists. This allows us to develop products from concept to manufacture all under one roof.



LIGHTING AND US

BRINGING ORDER TO THE LIGHTING WORLD

When designing the lighting system of the office space the lighting designer has to take into account, besides the legal standards, also other parameters which are no less important and affect the quality of the lighting solution of the whole office building. Until recently, the summary of these criteria has represented a chaotic system that has not offered any sufficient overview to the customer. The six-point assessment system of the lighting quality – Lighting Quality Standard developed by the company SLE brings a new order to the chaotic lighting world.

Living by rules is important.

Respecting laws is relevant as well. The ancient conflict of our world is driven by patterns and order; otherwise we become adrift by chaos that is present in our civilisation to these days. Whether the former or the latter concept is the right one, is an eternal question. One thing is certain: we in SLE love the order much more than chaos. That is why we have created a brand new lighting quality standard to help the customers, buyers and competitors better understand and evaluate lighting devices and solutions.

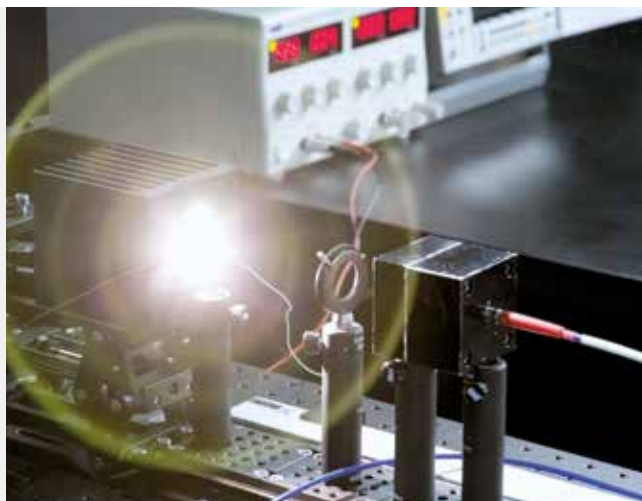
Until now there was no unifying system used in the world of lighting for evaluation of either light fixtures or lighting solutions, and every producer has got its own way for that. Consumers get lost in the vast array of criteria used and comparing neither products nor solution was an option. SLE brings order to this chaos. We are prepared to help the LQS become a unified standard used by the whole lighting sector. No overstatement, the LQS is an important step to a new level. Not just for our company, but for the branch and the giant world of lighting.

We have chosen more than twenty objectively quantifiable criteria and we are using them to evaluate both individual light fixtures and complete lighting solutions for different types of spaces. Each criterion has got its value and the result is the LQS Index. The higher the index is, the better the lighting device or solution is for use in a given space. Simple and intuitive approach to the agenda is exemplified by the LQS Composer, a unique tool to evaluate each and every lighting product.

There is a six-part program behind the acronym LQS. The chapters are named **ERGONOMICS, EMOTION, ECOLOGY, EFFICIENCY, ESPRIT AND EXCEPTIONALITY** or just **6 E's**.

If you imagine a house, the first four chapters are strong pillars representing criteria that are well-known in the world of lighting. The remaining two are the roof, a powerful superstructure on the top of these pillars. Together, they create an inseparable complex, because the parts of the whole cannot be perceived independently, but only in their context. That is the basic philosophy of the LQS. Immerse in the 6 E's and conceive the idea of living in a place where rules are crystal clear.

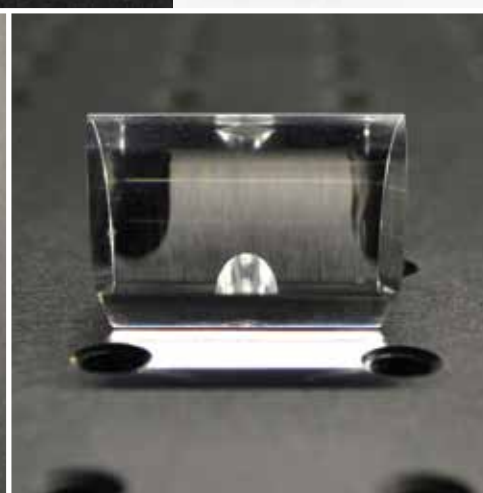
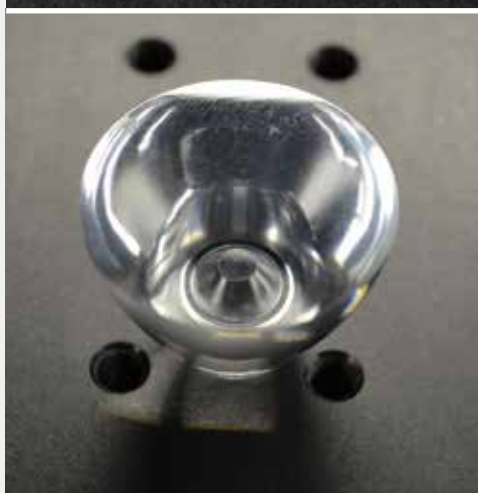
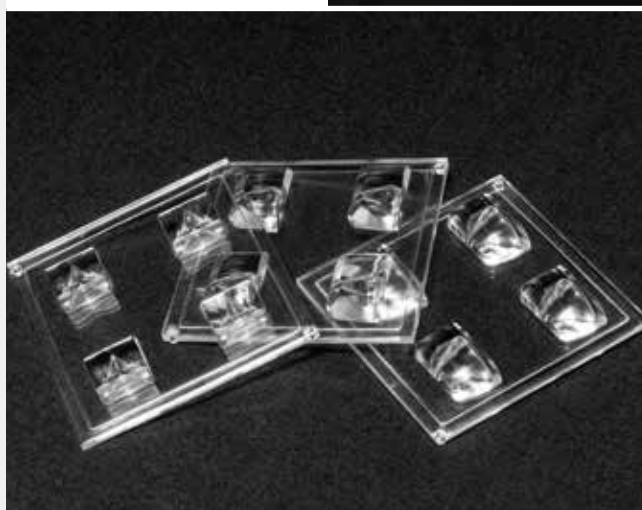
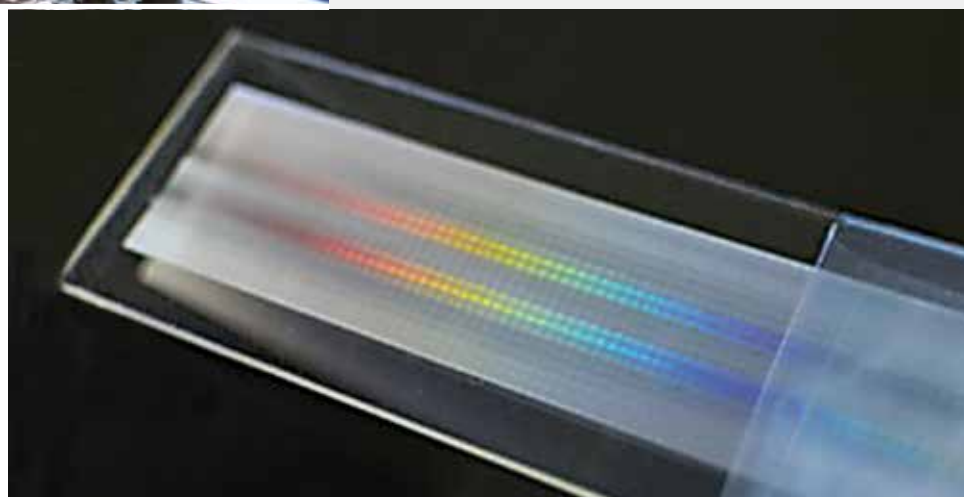




Optical design

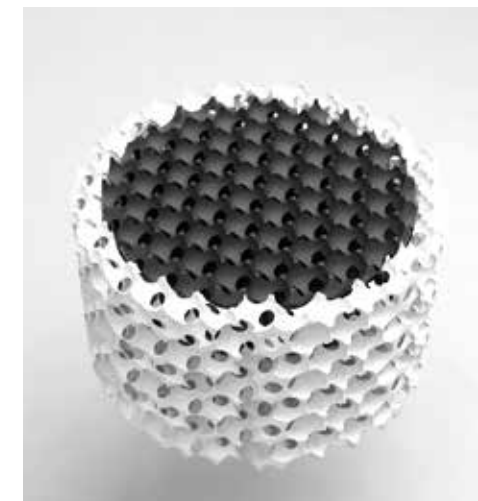
Optical systems fundamentally affect the light emitted by a luminaire and its overall efficiency and suitability for the defined application. This makes optimised optical design key to the success of every lighting solution. We have at our disposal a wide range of state-of-the-art equipment that enables us to develop effective conventional optical parts as well as complex lens optical systems. We are also world-leaders in the innovation of mass-producible nano-optics, holographic lenses and proprietary development tools.

Nano-optics is the use of tiny structures that modify the properties of a material's surface or volume in order to control light distribution by diffraction. Luminaires commonly require optical parts such as a reflector or lenses to achieve a desired light distribution. Nano-optics remove the need for any other optical part except for the diffuser on which the structures are applied. Nano-optic luminaires are smaller, direct their light output more precisely, are more effective and control the light in a way that it is more uniform, low-glare and visually comfortable.



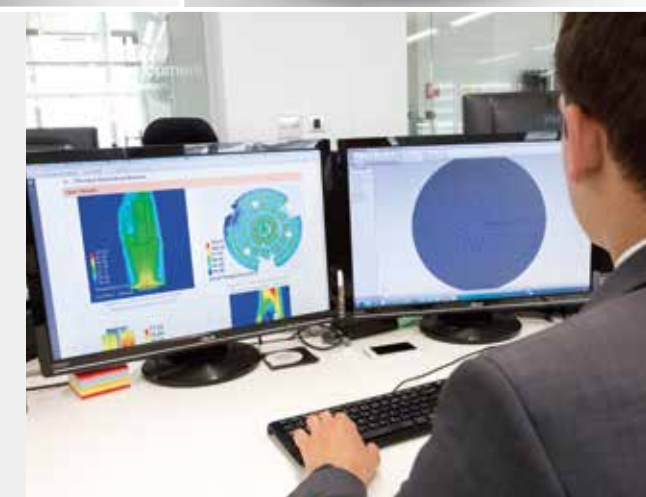
The optical system of state-of-the-art LED street and urban luminaires currently require the use of lenses in combination with reflectors to achieve a suitable light distribution. **Pure lens optical systems offer many advantages but also increase the demands placed on the lenses.** Our optical design team are developing a range of pure lens optical solutions for street lighting made of optical grade silicon that offers many attractive properties such as superb transmission, exceptional environmental stability and better mechanical properties.

Metal foams have recently gained a lot of technical interest due to their low weight and material properties. The cellular structure is that of a solid metal that contains a large volume fraction of gas filled pores. **Metal foams are finding increasing use in thermal management application**, as the surface area is significantly larger than that of a typical finned heatsink, making the surface area available for heat conversion particularly attractive. The results of using metal foam heatsinks are lighter weight luminaires with improved airflow characteristics.



Thermal solutions

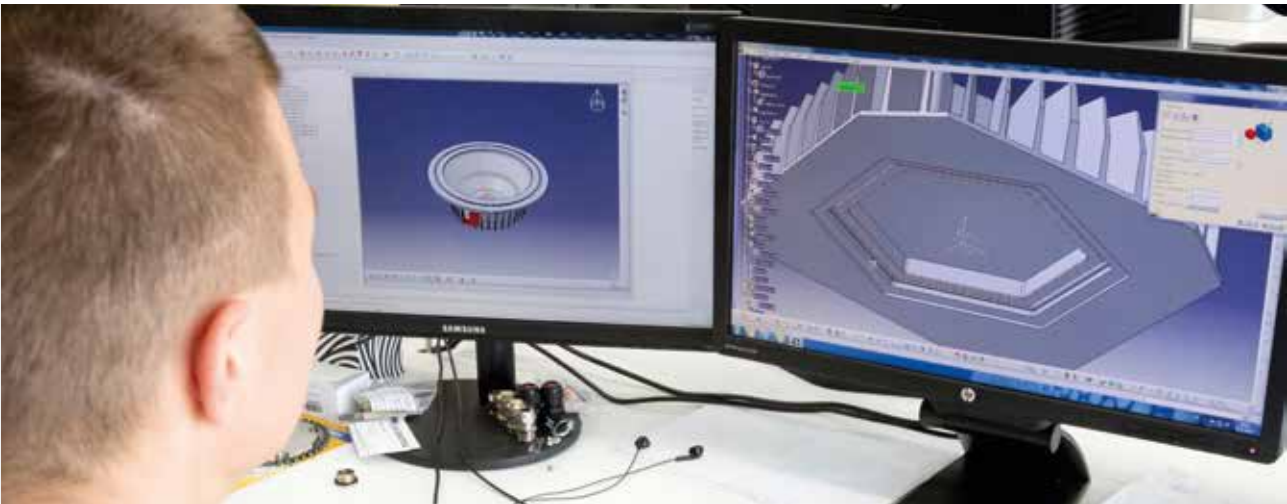
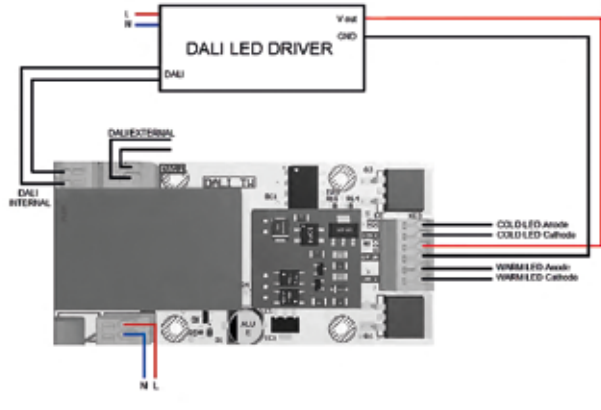
The digitisation and minituration of technologies places increased emphasis on the use of optimal thermal management. We have extensive test facilities that allow us to characterise every product to ensure reliable performance. We are also active in research and the development of innovative concepts such as metal foam heatsinks, energy harvesting solutions, thermally optimised hybrid luminaire housings, dielectric liquid cooling and ionic wind generation.



One up-and-coming thermal innovation is technology that uses waste heat as a form of energy. One of the most exciting applications is to convert heat into electricity. **The thermoelectric generator (TEG) is an innovative device that harvests the wasted energy emitted from an LED luminaire as heat and converts it to usable electricity for small-scale use such as the charging of a mobile phone.**

Electronic solutions

The boundaries of electronic design are consistently being broken by new technologies as well as by the innovative use of existing ones, highlighting the need for flawless development processes. We create advanced system level designs with all stages verified in-house, including DALI compatibility and long-term performance. In addition, we place emphasis on the innovation of new products such as our ambient light sensors, gesture control, DC PowerLine communication, advanced TunableWhite control and intelligent LED modules.



OMS TunableWhite luminaires are powered and controlled differently to other TunableWhite luminaires, making them simpler and more reliable and efficient. TunableWhite is perfect for use in any kind of retail or presentation environment as different light colour temperatures suit different products and create different atmospheres. Alternatively, it is used in daylight simulation in areas such as offices and classrooms in order to support activity and healthy functioning of the human body.



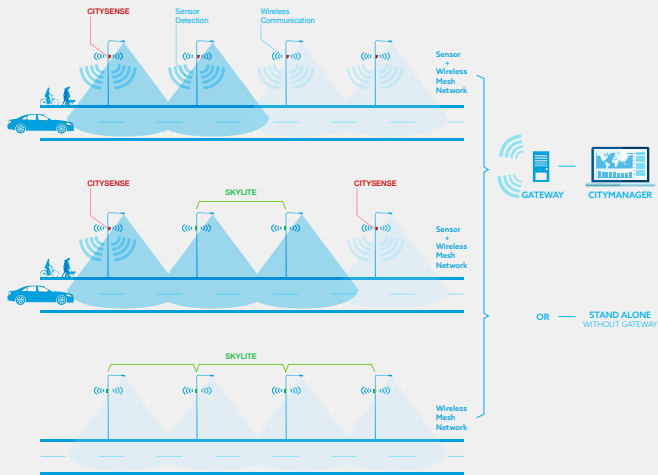
A truly futuristic idea turned into reality, GestIC allows users to control various functions such as lighting simply by gesturing in front of the device, no touch required. The device works by emitting a 3D electric field that when disturbed by a conductive object, such as a human body, measures the disturbance and reacts accordingly. The device reacts to typical gestures such as sweeping up, down and side to side among others.

We are now developing a new form of streetlighting control that offers significant energy saving potential. Utilising intelligent control that includes sensors and Wi-Fi communication, it is now possible to safely and effectively control light output according to traffic, cyclist and pedestrian movement. During the quiet hours, illumination levels can be safely decreased, but to ensure safety, it is beneficial to increase levels to 100 % when there is movement for a suitable distance ahead.

FULLY INTELLIGENT CITYSENSE INTELLIGENT LIGHTING CONTROL

STANDARD CITYSENSE + SKYLITE INTELLIGENT LIGHTING CONTROL

BASIC SKYLITE INTELLIGENT LIGHTING CONTROL



Mechanical engineering

We have 20 years of experience in the mechanical design of luminaires as well as the development of other mechanical appliances and precision tools such as optical measurement and electronic testing devices. Using the latest software, analysis methods and equipment, we can help customers develop mechanical designs for anything from the simplest tools to complete mechanical solutions with measurements and documentation.



Hybrid street lighting uses a combined aluminium and thermoplastic luminaire housing to act as the heatsink, offering improved conductive properties and therefore a better balance between weight and cooling than standard aluminium housings. Plastics bring the flexibility of injection molding and give three dimensional freedom to the design of the housing allowing it to be optimised. Plastic is also about 40 % lighter than aluminium, which results in improved shock and vibration results. Furthermore, plastics do not facilitate the antenna effect and, therefore, minimise electromagnetic interference.



Our superior manufacturing capabilities are the backbone of the company. For this reason, we view continual technological development as paramount and invest our energy in what matters most.



Production hall
Metal production &
semi-finished products
warehouse

Production hall
Metal production
& powder line

Products in
process storage

Central
warehouse

Dining hall

R&D centre

Administrative
building
Showroom
Conference room
Bar

Production
warehouse

Production hall

Production hall

Administrative
area
Warehouse

Gate house

Administrative
area

Production hall
Production
warehouse

Production
warehouse

Production
warehouse

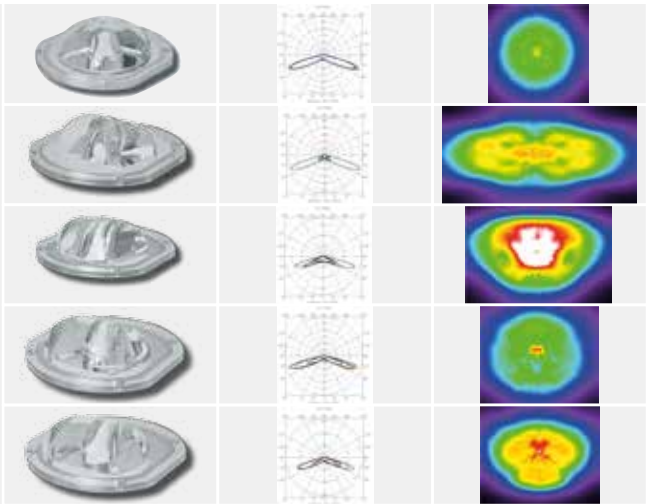
LED product development

LED light sources offer a great many advantages over conventional ones because they are fundamentally different technologies. This means that the development of LED products requires a fundamentally different approach to optical, electronic, thermal management and mechanical design.

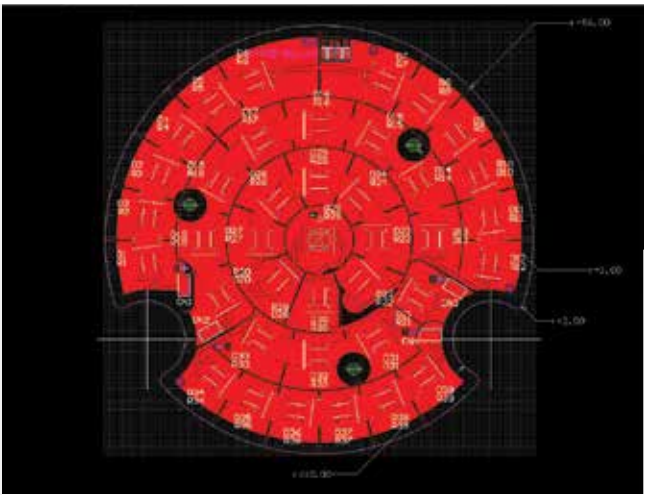
MEGIN L
Up to 23.000 lm
13 LIDC options

IMMA
Up to 7.550 lm
8 LIDC options

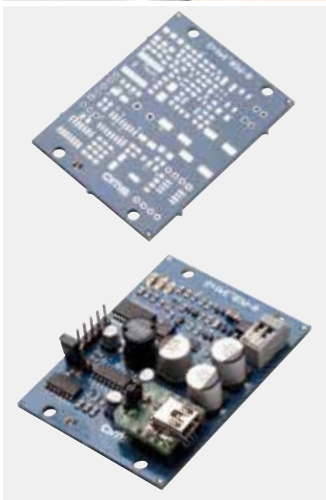
DALYA
Up to 12.800 lm
13 LIDC options



The most obvious differences between conventional and LED luminaires are the optics, which must be tailored to the particular needs of LED light distribution. Although conventional optics are still the most widely used, LEDs have opened up the implementation of lenses and nanotechnologies. What's more, much development is also being made into optics incorporated directly in each LED die.



Based around semi-conductor and micro-electronic components, LED luminaires are anything but simple. Their development depends on a complex interrelation of mechanical, optical, electronic and thermal factors. The first stage is the definition of practical requirements such as the size and shape of luminaire, required lumen output is, LED chip positioning and information about optical losses. Based on this, our electrical engineers can design the all-important LED PCBs that form the backbone of each LED luminaire.



Our electronic researchers and engineers use Altium Designer, a professional CAD software package for PCB design. We are capable of rapid PCB prototyping by micro-machining or using chemical paths, and use a reflow oven to make soldering faster and more reliable. The use of these technologies enables us to produce fully manufactured and assembled PCB prototypes within unbeatable timescales.

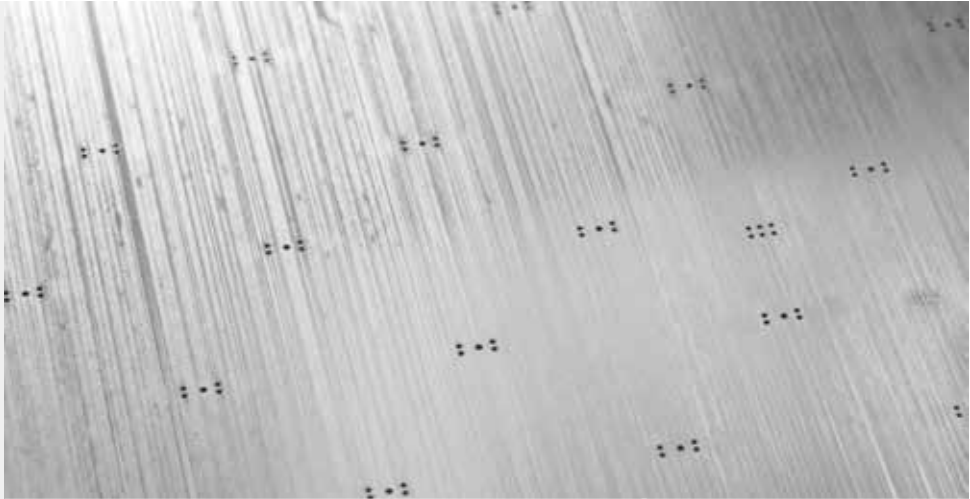
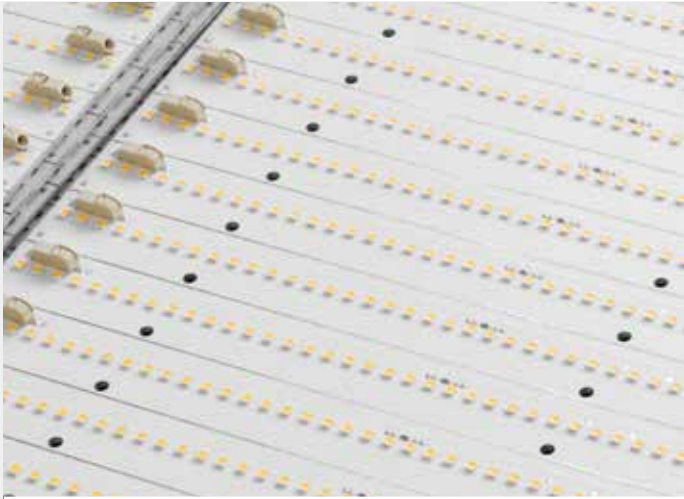


LED PCBs are designed to fit a specific space in terms of shape and mounting options, following the external design of the luminaire. Within the framework of these parameters, the correct number and positioning of LED chips can be determined and incorporated into the PCB circuit design, which further determines the type of driver and wiring needed. Next, the design is optimised by thermal engineers, who decide what PCB material and thickness is most suitable and provide a Tc value. Final verification is required from all development departments before samples are made and checked against initial requirements.

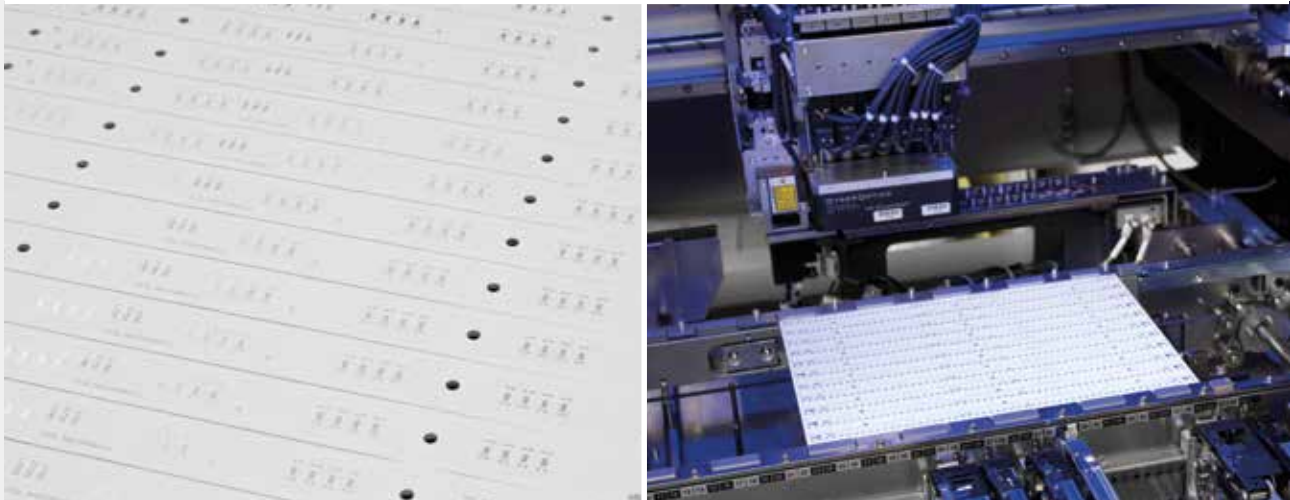


LED PCB production

We use single- and double-layer FR4 and single-layer metal-core copper-coated strip and panel LED PCBs in the majority of our LED luminaires. Developed by our own electrical engineers in close collaboration with the optical and thermal teams, they meet the most rigorous design standards.



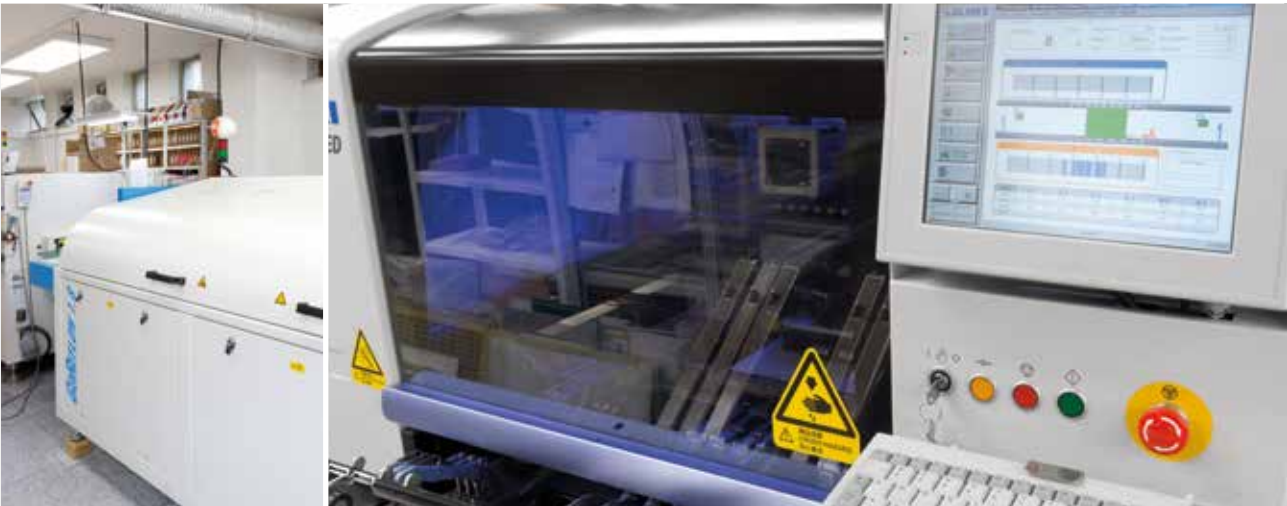
After being cut and drilled, boards are printed with a resistant layer in the form of the designed circuit and then go through a process of chemical etching to create the copper traces need for assembly. Although not the fastest way to create traces, chemical etching is advantageous because of its precision and finish, leading to higher quality and more consistent results.



PCB production is fully automated using a range of sophisticated CNC machines that cut and drill boards and mechanically and electronically connect components. By using fully automating PCB manufacture, we can offer customers precision-made LED products within unbeatable timescales.



Automated PCB assembly is achieved using the SMT method and high-tech pick and place robots. This allows for faster and more accurate placement of components, which are attached to pads layered with solder paste. Finalised PCB assemblies are then passed through a reflow oven to complete the soldering process. This method of soldering is fast, effective and reliable.



Completed PCB assemblies are thoroughly checked before release from manufacture as well as falling under strict and stringently enforced quality control standards.

The future of lighting belongs to LED. For this reason, we have placed a strong emphasis on the use of LED technologies for many years now, and have become leaders in the development and manufacture of high quality LED luminaires.



LED luminaire production

We have a specialised Electrostatic Protective Area for the production of LED luminaires to ensure they are not damaged by Electrostatic Discharge. All of our LED chips are soldered using the selective wave method, and all components and final products are thoroughly tested using precision equipment in line with stringent ISO 9001 technical standards.



Metal & plastics production

We have been manufacturing luminaires for 20 years now. That history stands as a firm foundation for our current high-tech production facilities and processes. We use a wide range of machines that together offer us unbeatable production scalability and flexibility.



Special request factory

Our special request factory provides us with unrivalled flexibility. The machines allow us to make very small and precise parts with ease and at speed so that we can respond quickly to customer demand, produce rapid prototypes and customised solutions, and shorten the development time of new products.



Customers are increasingly requesting customised products that precisely meet their specific needs. Standard production processes cannot adapt to such requests, meaning that many manufacturers cannot provide the service customers want. We can. This gives us and our customers a great advantage over the competition.



We use a large number of computerised, automated and robotic machines. There are several injection molding, extrusion and gasketing plastics production lines. We have three SALVAGNINI sheet metal punching, bending and laser-welding production lines. There are also our TRUMPF and KUKA laser welding robots, a TUMATIC combined punching, laser cutting and laser welding machine, two TruBend press brake machines and the KAWASAKI wiring robots. All of these are supported by skilled lean production and the strictest quality standards.



APPLICATIONS



- RETAIL AND PRESENTATION
- INDUSTRY AND ENGINEERING
- OFFICE
- EDUCATION
- HEALTH AND CARE
- ARCHITECTURE AND MEDIA
- STREET AND URBAN
- HOME AND INTERIOR
- HOSPITALITY
- SPORT AND LEISURE

LIGHT DISTRIBUTION



- DIRECT SYMMETRIC
- DIRECT ASYMMETRIC
- DIRECT-INDIRECT SYMMETRIC

ICONS



- MAINS VOLTAGE AND FREQUENCY
- MAINS VOLTAGE AND FREQUENCY
- LIGHT SOURCE LED
- LAMP FD, LAMPHOLDER G13
- LAMP FDH, LAMPHOLDER G5
- LAMP FSQ, LAMPHOLDER G24q
- LAMP FSMH, LAMPHOLDER GX24q
- LAMP FSM6H, LAMPHOLDER GR14q-1
- LAMP FSD, LAMPHOLDER 2G11
- LAMP FSDH, LAMPHOLDER 2G11
- LAMP MT, LAMPHOLDER G12
- COLOUR RENDERING INDEX
- CORRELATED COLOUR TEMPERATURE
- CONVENTIONAL CONTROL GEAR
- ELECTRONIC CONTROL GEAR FIX
- ELECTRONIC CONTROL GEAR DALI
- ELECTRONIC CONTROL GEAR 1-10V
- ELECTRONIC CONTROL GEAR STEP DIM
- ELECTRONIC CONTROL GEAR INT DIM (PROGRAMMABLE)
- ELECTRONIC CONTROL GEAR TRIAC (LEADING EDGE)
- ELECTRONIC CONTROL GEAR FIX + CONSTANT LUMEN OUTPUT
- ELECTRONIC CONTROL GEAR DALI + CONSTANT LUMEN OUTPUT
- ELECTRONIC CONTROL GEAR STEP DIM + CONSTANT LUMEN OUTPUT
- ELECTRONIC CONTROL GEAR INT DIM (PROGRAMABLE) + CONSTANT LUMEN OUTPUT



- EMERGENCY UNIT
- IEC PROTECTION CLASS I
- IEC PROTECTION CLASS II
- IP PROTECTION DEGREE – COMPLETE LUMINAIRE
- IP PROTECTION DEGREE – OPTICAL PART
- IMPACT RESISTANCE DEGREE
- THE LUMINAIRE IS NOT SUITABLE FOR USE IN OUTDOOR APPLICATIONS

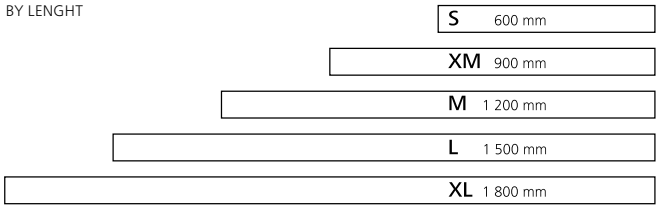
MOUNTING



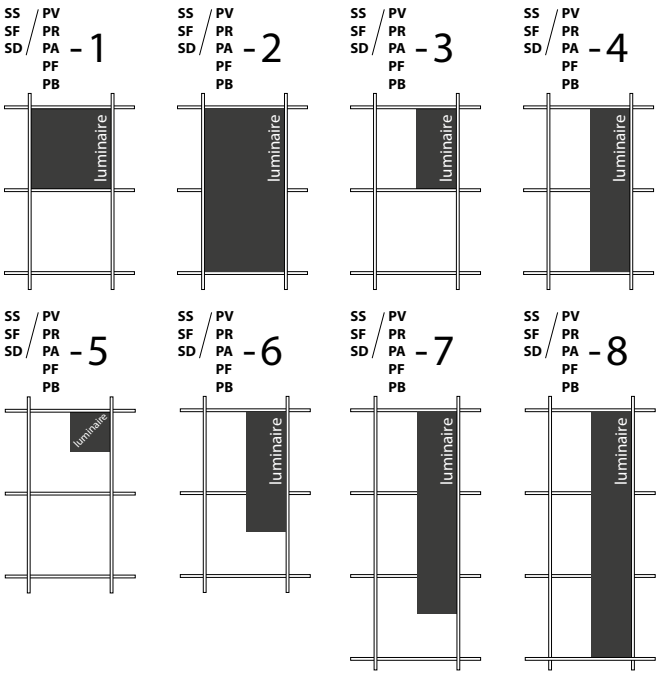
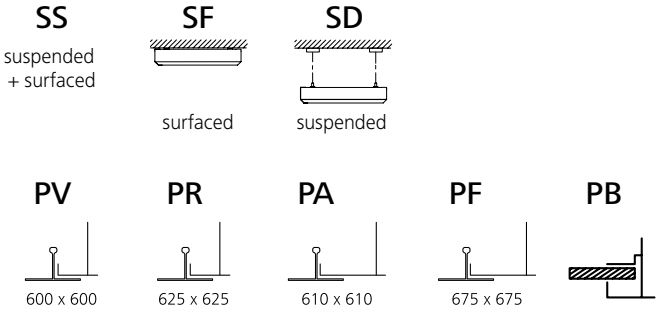
- DOWNLIGHTS
- SPOTLIGHTS
- CEILING RECESSED
- SURFACED & SUSPENDED
- WALL MOUNTED
- MODULAR SYSTEM
- HIGH BAY
- WATHERPROOF
- STREET
- RESIDENTIAL

- RECESSED
- RECESSED ADJUSTABLE
- RECESSED
- RECESSED ADJUSTABLE
- SURFACED
- SUSPENDED
- TRACK SYSTEM
- RECESSED
- SURFACED
- SUSPENDED
- WALL MOUNTED
- RECESSED
- SURFACED
- SUSPENDED

MARKING DIMENSIONS



ACCORDING TO THE SHAPE OF LUMINAIRE



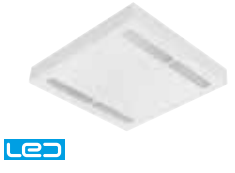
DIMENSIONS ARE APPROXIMATE

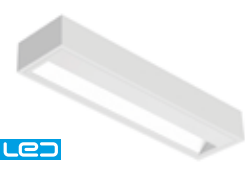
RECESSED LUMINAIRES

DECLAN RECESSED36	BATEN38	FREYN II RECESSED PV142	FREYN II RECESSED PV442	GACRUX XTP52
				

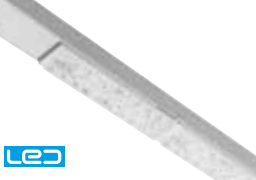
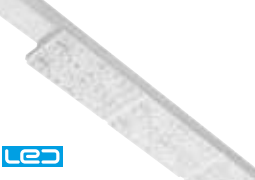
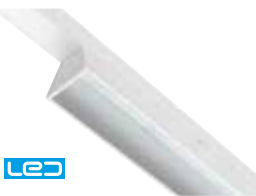
EDAN RECESSED54				
				

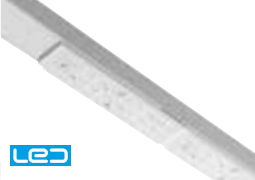
SURFACED AND SUSPENDED LUMINAIRES

DECLAN SURFACED / SUSPENDED56	FREYN II SURFACED / SUSPENDED58	LAMBDA LED DIF SURFACED70	LAMBDA LED DIF SUSPENDED70	LAMBDA LED D-I72
				

LAMBDA LED PAR-L74	EDAN SURFACED / SUSPENDED78			
				

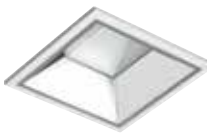
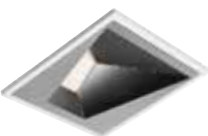
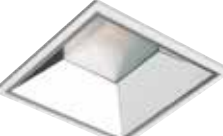
CONTINUOUS LINES AND TRUNKING SYSTEMS

PRESTIGE LED LSK MEDIUM WIDE118	PRESTIGE LED LSK DUO MEDIUM WIDE120	PRESTIGE LED LSK TRIO MEDIUM WIDE122	PRESTIGE LED LSK DEEP124	PRESTIGE LED LSK DUO DEEP126
				
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PRESTIGE LED LSK TRIO DEEP128	PRESTIGE LED LSK ASYMMETRIC130	PRESTIGE LED LSK DOUBLE ASYMMETRIC132	PRESTIGE LED II MEDIUM WIDE136	PRESTIGE LED II DEEP138
				

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CYGNUS SUSPENDED218	CYGNUS DECOR RECESSED220	CYGNUS DECOR SURFACED222	CYGNUS DECOR SUSPENDED222	
				
				

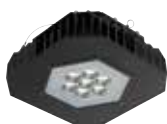
TRACKLIGHTS AND SPOTLIGHTS

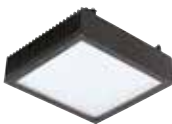
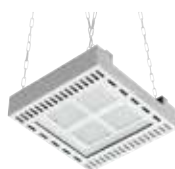
ZIPAR RECESSED228	ZIPAR ADJUSTABLE228	ZIPAR MOVABLE230	ZIPAR UNO RECESSED232	ZIPAR DUO RECESSED232
				
				
ZIPAR QUATRO-S SUSPENDED234	ZIPAR TRIO SURFACED236	ZIPAR SURFACED238	ZIPAR SUSPENDED240	ZIPAR TRACK244
				
				
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CONVENTIONAL LUMINAIRES

302 – 384

This manual shows you how to get the most informations from the LED catalogue. Diese Anleitung zeigt, wie Sie dem Katalog LED die meisten Informationen entnehmen können. Ce manuel vous indique comment lire les informations du catalogue LED. Tento manuál Vám napovie ako dostať čo najviac informácií z katalógu LED. Este manual muestra cómo obtener la mayor cantidad de información del catálogo LED. Questa guida illustra come ottenere maggiori informazioni dal catalogo LED. В данном руководстве показано, как получить наиболее исчерпывающие сведения из каталога LED.

Product name
Produktname
Nom du produit
Názov produktu
Nombre de Producto
Nome del prodotto
Название изделия

Areas of application
Anwendungsbereiche
Application
Applikácia
Aplicación
Applicazioni
Область применения

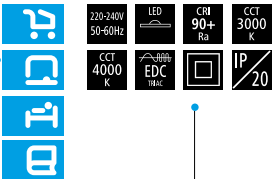
Informations about wiring/light sources/gear/IP/IK etc
Informationen über Verdrahtung/Lichtquellen/Steuerung/IP/IK, usw.
Informations sur le câblage/sources de lumière/engins/IP/IK etc
Informácie o elektrickej výbave/svetelných zdrojoch/predradníkoch/IP/IK atď.
Información acerca de cableado/luz fuentes/equipo/IP/IK etc.
Informazioni su cablaggio/sorgenti luminose/alimentatore/IP/IK ecc.
Сведения о проводке/источниках света/редукторе/IP/IK и пр.

CYGNUS DECOR SURFACED / SUSPENDED

OPAL
LED



Cygnus Decor Surfaced / Suspended



EN
Mounting
Surfaced/Suspended (S/S)
Light source
LED
Optical system
Opal diffuser (OPD)
Wiring
Electronic control gear TRIAC (EDC)
Materials
Housing: extruded aluminium
Reflector: injected polycarbonate
Diffuser: opal PMMA
Surface finish
Housing: white RAL 9003 (W03)
Accessories
Rope suspension
Service lifetime
50,000 hours/L80
Ambient temperature
Up to + 25 °C

DE
Montage
Deckenleuchte/Hängend (S/S)
Lichtquelle
LED
Optisches System
Opaler Diffusor (OPD)
Vorschaltgerät
Elektronisches Vorschaltgerät TRIAC (EDC)
Material
Körper: extrudiertes Aluminium
Reflektor: Spritzguss-Polykarbonat
Diffusor: Opal PMMA
Oberflächenveredelung
Einfassung: weiss RAL 9003 (W03)
Zubehör
Seilaufhängung
Lebensdauer
50,000 Stunden/L80
Umgebungstemperatur
Bis + 25 °C

FR
Montage
Plafonnier apparent/Suspendu (S/S)
Source lumineuse
LED
Système optique
Opaloïd diffuseur (OPD)
Équipement électrique
Ballast électronique TRIAC (EDC)
Matériaux
Corps: aluminium extrudé
Réflecteur: polycarbonate injecté
Diffuseur: PMMA opale
Finition de surface
Corps: blanc RAL 9003 (W03)
Accessoires
Câble de suspension
Durée de vie utile
50,000 heures/L80
Température ambiante
Jusqu'à + 25 °C

SK
Montáž
Prisadené/Zavesné (S/S)
Svetelný zdroj
LED
Optický systém
Opalový difúzor (OPD)
Elektrická výbava
Elektronický predradník TRIAC (EDC)
Material
Teleso: extrudovaný hliník
Reflektor: vstrekovaný polykarbonát
Difúzor: opalový PMMA
Povrchová úprava
Teleso: biela RAL 9003 (W03)
Príslušenstvo
Lankový záves
Servicečná životnosť
50,000 hodín/L80
Teplota okolia
Do + 25 °C

ES
Montaje
Sobrepuestas en el techo/Suspendidas (S/S)
Fuente luminosa
LED
Sistema óptico
Difusor ópalo (OPD)
Cableado
Equipo de control electrónico TRIAC (EDC)
Material
Cuerpo: aluminio extruido
Reflector: policarbonato inyectado
Difusor: ópalo de PMMA
Tratamiento de la superficie
Cuerpo: blanco RAL 9003 (W03)
Accesorios
Cable de suspensión
Vida útil
50,000 horas/L80
Temperatura ambiente
Hasta + 25 °C

IT
Installazione
A plafone/A sospensione (S/S)
Sorgente luminosa
LED
Sistema ottico
Diffusore opale (OPD)
Cablaggio
Ballast elettronico TRIAC (EDC)
Materiali
Corpo: estruso di alluminio
Riflettore: policarbonato a iniezione
Diffusore: PMMA opale
Finitura
Corpo: bianco RAL 9003 (W03)
Accessori
Cavo di sospensione
Durata di vita
50,000 ore/L80
Temperatura d'ambiente
fino a + 25 °C

RU
Установка
Потолочная накладная/Подвесная (S/S)
Источник света
LED
Оптическая система
Матовый рассеиватель (OPD)
Электрическое оснащение
Электронный аппарат TRIAC (EDC)
Материал
Корпус: экструдированный алюминий
Отражатель: инжектированный поликарбонат
Рассеиватель: матовый полиметилметакрилат
Отделка поверхности
Корпус: белый RAL 9003 (W03)
Аксессуары
Тросовый подвес
Срок службы
50,000 часов/L80
Температура окружающей среды
До +25 °C



Product description
Produktbeschreibung
Description du produit
Popis produktu
Descripción del Producto
Descrizione del prodotto
Описание изделия

Product specification
Produktspezifikation
Spécificité du produit (fiche technique)
Spifikácia produktu
Especificación del Producto
Specifiche del prodotto
Технические характеристики изделия со светодиодами

Lighting distribution curve
Lichtverteilungskurve
Courbe de répartition de lumière
Krivka svetelnej distribúcie
Curva de Distribución de Luz
Curva di distribuzione luminosa
Кривая распределения освещения

Drawing (mm)
Zeichnen (mm)
Schema pertinent des dimensions (mm)
Rozmery (mm)
Plano con Dimensiones Relevantes (mm)
Illustrazioni di grandi dimensioni (mm)
Чертеж с соответствующими размерами (мм)

Drawing of mounting
Einbauzeichnung
Dessin de montage
Schéma monâže
Ilustración de montaje
Disegno di montaggio
Нанесение монтажной

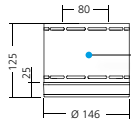
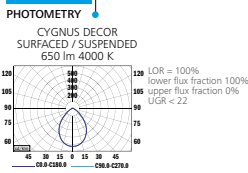
Light distribution
Lichtverteilung
Répartition de lumière
Svetelná distribúcia
Distribución de Luz
Distribuzione luminosa
Распределение света

Product variants
Produktvarianten
Variantes du produit
Varianty produktu
Variaciones de Producto
Varianti del prodotto
Варианты изделия

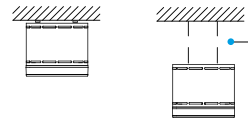
Mounting type
Montageart
Type de montage
Typ montáže
Tipo de Montaje
Tipo di installazione
Тип крепления

Detailed pictures of product
Detailbilder des Produkts
Images détaillées du produit
Detailné obrázky produktu
Fotos Detalladas del Producto
Foto dettagliate del prodotto
Подробные изображения изделия

Pictures of accessories
Zubehör Foto
Images du Accessoires
Obrázky príslušenstva
Fotos Accesorios
Immagine degli accessori
Изображение принадлежностей



MOUNTING



TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE	WEIGHT (kg)
CYGNUS DECOR S /S	650	15	43	90+	3000	84°	1.3
CYGNUS DECOR S /S	650	15	43	90+	4000	84°	1.3

Luminous flux tolerance +/- 10%

SUSPENDED



DOWNLIGHTS

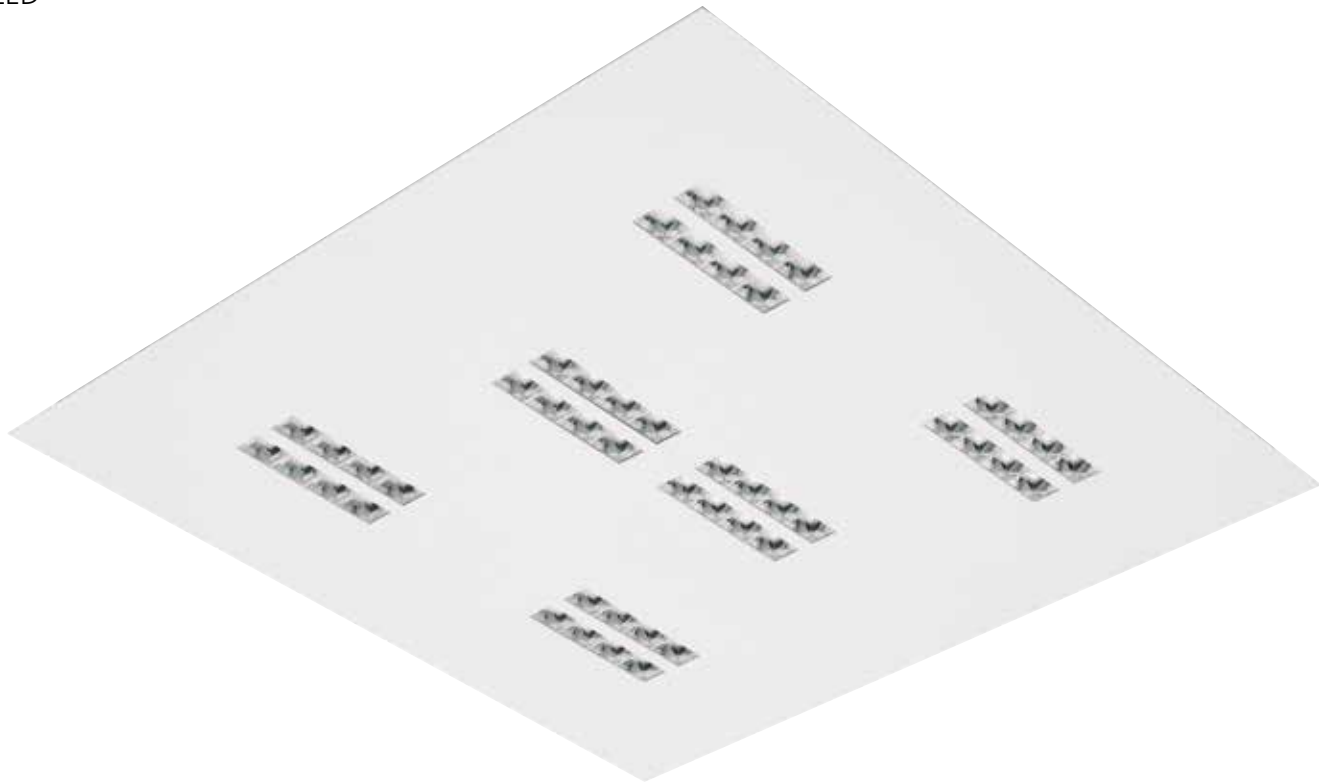
RS-S 09 L150 SQ (SQUARE SHAPE) OR RD (ROUND SHAPE)



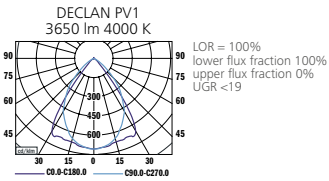
Declan Recessed



DECLAN RECESSED
MICROPRISMA
LED



PHOTOMETRY



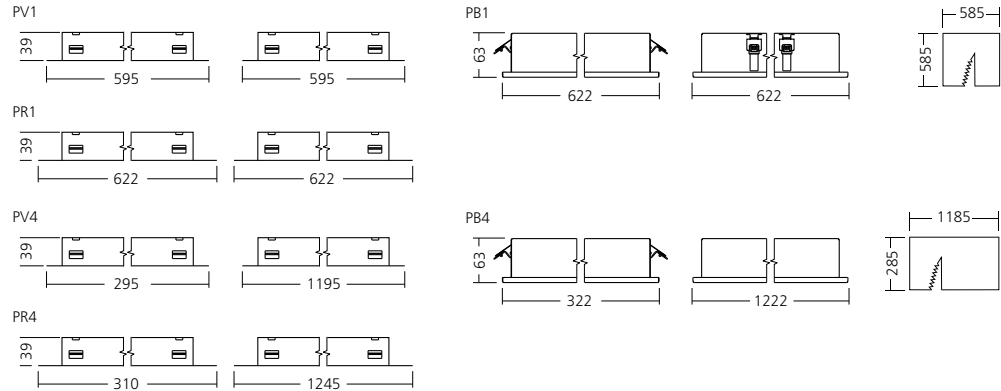
PV4



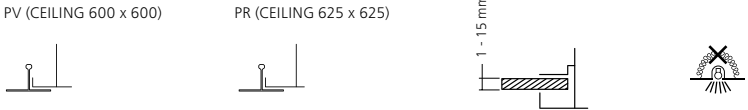
PV1 EM



PB4



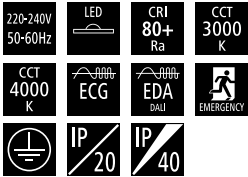
MOUNTING



TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE (C0-180, C90-270)	EMERGENCY UNIT 3H (lm)	WEIGHT (kg)
DECLAN PV/PR/PB1	3450	35	99	80+	3000	74°	310	5.9
DECLAN PV/PR/PB1	3650	35	104	80+	4000	74°	310	5.9
DECLAN PV/PR/PB4	3450	35	99	80+	3000	74°	310	5.7
DECLAN PV/PR/PB4	3650	35	104	80+	4000	74°	310	5.7

Luminous flux tolerance +/- 10%.

Declan Recessed



EN Mounting Ceiling recessed PVx/PRx - T-ceiling PBx - Plasterboard ceiling Light source LED Optical system Diffuser + reflector (MCL) Wiring Electronic control gear FIX/DALI (ECG/EDA) Emergency unit variant (3H) Materials Housing: sheet steel Diffuser: microprismatic PMMA Reflector: polished metallished polycarbonate Surface finish Housing: white RAL 9003 (W03) Service lifetime 50,000 hours/L80 Ambient temperature From -20 °C to +35 °C (from 0°C with EM unit)	DE Montage Einbauleuchte PVx/PRx - Sichtbare T-schiene Decke PBx - Rigips Decke Lichtquelle LED Optisches System Diffusor + Reflektor (MCL) Vorschaltgerät Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA) Notbeleuchtung Variante (3H) Material Körper: Stahlblech Diffusor: mikrop Prismatisches PMMA Reflektor: metallisiertes Polycarbonat Oberflächenveredelung Körper: Weiss RAL 9003 (W03) Lebensdauer 50,000 Stunden/L80 Umgebungstemperatur Von -20 °C bis +35 °C (von 0°C mit Notbeleuchtung)	FR Montage Plafonnier encastrable PVx/PRx - Un faux plafond PBx - Un plafond en plâtre Source lumineuse LED Système optique Diffuseur + réflecteur (MCL) Équipement électrique Ballast électronique FIX/DALI (ECG/EDA) Variante de l'unité de secours (3H) Matériels Corps: tôle d'acier Diffuseur: PMMA microprismatique Réflecteur: polycarbonate métallisé Finition de surface Corps: blanc RAL 9003 (W03) Durée de vie utile 50,000 heures/L80 Température ambiante De -20 °C à +35 °C (de 0°C avec l'unité de secours)	SK Montáž Vsadené PVx/PRx - Kazetový strop PBx - Sádkartónový strop Svetelný zdroj LED Optický systém Difúzor + reflektor (MCL) Elektrická výbava Elektronický predradník FIX/DALI (ECG/EDA) Varianta s núdzovou jednotkou (3H) Material Teleso: oceľový plech Difúzor: mikropriзмatický PMMA Reflektor: pokovený polykarbonát Povrchová úprava Teleso: biela RAL 9003 (W03) Servisná životnosť 50,000 hodín/L80 Teplota okolia Od -20 °C do +35 °C (od 0°C s núdzovou jednotkou)	ES Montaje Empotradas en el techo PVx/PRx - Techo T PBx - Techo de escayola Fuente luminica LED Sistema óptico Difusor + reflector (MCL) Cableado Equipo de control electrónico FIX/DALI (ECG/EDA) Variante unidad de emergencia (3H) Material Cuerpo: lámina de acero Difusor: microprismático PMMA Reflector: policarbonato metalizado Tratamiento de la superficie Cuerpo: blanco RAL 9003 (W03) Vida útil 50,000 horas/L80 Temperatura ambiente Desde -20 °C a +35 °C (desde 0°C con unidad de emergencia)	IT Installazione Ad incasso a soffitto PVx/PRx - Struttura in vista PBx - Struttura cartongesso Sorgente luminosa LED Sistema ottico Diffusore + riflettore (MCL) Cablaggio Ballast elettronico FIX/DALI (ECG/EDA) Variante unità di emergenza (3H) Materiali Corpo: lamina d'acciaio Diffusore: microprisma PMMA Riflettore: polycarbonato metallizzato Finitura Corpo: bianco RAL 9003 (W03) Durata di vita 50,000 ore/L80 Temperatura d'ambiente Da -20 °C a +35 °C (da 0°C con unità di emergenza)	RU Установка Потолочная встроенная PVx/PRx - Кассетный потолок PBx - Гипсокартонный потолок Источник света LED Оптическая система Рассеиватель + отражатель (MCL) Электрическое оснащение Электронный аппарат FIX/DALI (ECG/EDA) Блок аварийного освещения (3H) Материал Корпус: листовая сталь Рассеиватель: микропризм. полиметилметакрилат Отражатель: металлизированная поликарбонат Отделка поверхности Корпус: белый RAL 9003 (W03) Срок службы 50,000 часов/L80 Температура окружающей среды От -20 °C до +35 °C (от 0°C с аварийного освещения)
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Baten

220-240V
50-60Hz

LED

CRI
80+
Ra

CCT
3000
K

CCT
4000
K

ECG

EDA
DALI

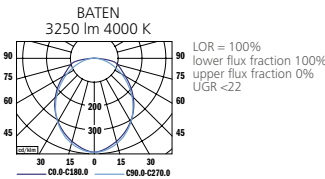
EMERGENCY

IP
20

IP
40

EN Mounting Ceiling recessed PVx/PRx - T-ceiling PBx - Plasterboard ceiling Light source LED Optical system Opal diffuser (OPD) Wiring Electronic control gear FIX/DALI (ECG/EDA) Emergency unit variant (3H) Materials Housing: sheet steel Heatsink: aluminium Diffuser: opal PMMA Surface finish Housing: white RAL 9003 (W03) Service lifetime 50,000 hours/L80 Ambient temperature From -20 °C to +35 °C (from 0°C with EM unit)	DE Montage Einbauleuchte PVx/PRx - Sichtbare T-schiene Decke PBx - Rigips Decke Lichtquelle LED Optisches System Opal Diffusor (OPD) Vorschaltgerät Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA) Notbeleuchtung Variante (3H) Material Körper: Stahlblech Kühlkörper: Aluminium Diffusor: Opal PMMA Oberflächenveredelung Körper: Weiss RAL 9003 (W03) Lebensdauer 50,000 Stunden/L80 Umgebungstemperatur Von -20 °C bis +35 °C (von 0°C mit Notbeleuchtung)	FR Montage Plafonnier encastrable PVx/PRx - Un faux plafond PBx - Un plafond en plâtre Source lumineuse LED Système optique Diffuseur opale (OPD) Équipement électrique Ballast électronique FIX/DALI (ECG/EDA) Variante de l'unité de secours (3H) Matériels Corps: tôle d'acier Dissipateur thermique: aluminium Diffuseur: PMMA opale Finition de surface Corps: blanc RAL 9003 (W03) Durée de vie utile 50,000 heures/L80 Température ambiante De -20 °C à +35 °C (de 0°C avec l'unité de secours)	SK Montáž Vsadené PVx/PRx - Kazetový strop PBx - Sádkartonový strop Svetelný zdroj LED Optický systém Opalový difúzor (OPD) Elektrická výbava Elektronický predradník FIX/DALI (ECG/EDA) Varianta s núdzovou jednotkou (3H) Material Teleso: oceľový plech Chladič: hliník Difúzor: opalový PMMA Povrchová úprava Teleso: biela RAL 9003 (W03) Servisná životnosť 50,000 hodín/L80 Teplota okolia Od -20 °C do +35 °C (od 0°C s núdzovou jednotkou)	ES Montaje Empotradas en el techo PVx/PRx - Techo T PBx - Techo de escayola Fuente luminica LED Sistema óptico Difusor ópalo (OPD) Cableado Equipo de control electrónico FIX/DALI (ECG/EDA) Variante unidad de emergencia (3H) Material Cuerpo: lámina de acero Disipador de calor: aluminio Difusor: ópalo de PMMA Tratamiento de la superficie Cuerpo: blanco RAL 9003 (W03) Vida útil 50,000 horas/L80 Temperatura ambiente Desde -20 °C a +35 °C (desde 0°C con unidad de emergencia)	IT Installazione Ad incasso a soffitto PVx/PRx - Struttura in vista PBx - Struttura cartongesso Sorgente luminosa LED Sistema ottico Diffusore opale (OPD) Cablaggio Ballast elettronico FIX/DALI (ECG/EDA) Variante unità di emergenza (3H) Materiali Corpo: lamina d'acciaio Dissipatore di calore: alluminio Diffusore: PMMA opale Finitura Corpo: bianco RAL 9003 (W03) Durata di vita 50,000 ore/L80 Temperatura d'ambiente Da -20 °C a +35 °C (da 0°C con unità di emergenza)	RU Установка Потолочная встроенная PVx/PRx - Кассетный потолок PBx - Гипсокартонный потолок Источник света LED Оптическая система матовый рассеиватель (OPD) Электрическое оснащение Электронный аппарат FIX/DALI (ECG/EDA) блок аварийного освещения (3H) Материал Корпус: листовая сталь Тепловод: алюминий Рассеиватель: матовый полиметилметакрилат Отделка поверхности Корпус: белый RAL 9003 (W03) Срок службы 50,000 часов/L80 Температура окружающей среды От -20 °C до +35 °C (от 0°C с аварийного освещения)
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PHOTOMETRY



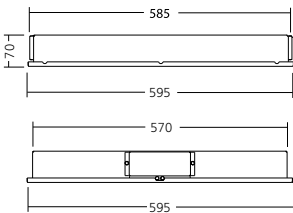
PV1



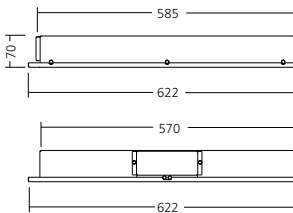
PR1



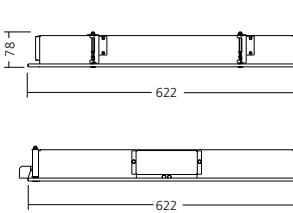
PV1



PR1



PB1



MOUNTING

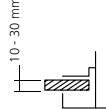
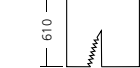
PV (CEILING 600 x 600)



PR (CEILING 625 x 625)



PB



TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE	EMERGENCY UNIT 3H (lm)	WEIGHT (kg)
BATEN	3450	32	108	80+	3000	99°	370	4.7
BATEN	3650	32	114	80+	4000	99°	380	4.7

Luminous flux tolerance +/- 10%.



Freyn II Recessed

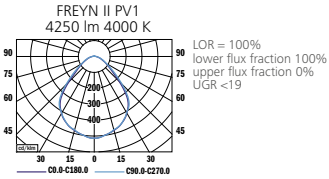
FREYN II RECESSED
MICROPRISMA
LED

LED

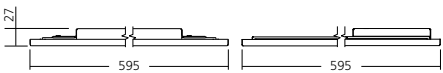
FASTRUNNER



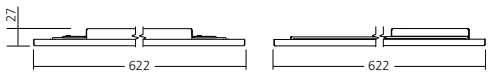
PHOTOMETRY



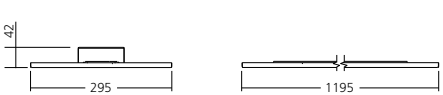
PV1



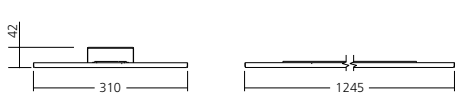
PR1



PV4



PR4



MOUNTING

PV (CEILING 600 x 600)



PR (CEILING 625 x 625)



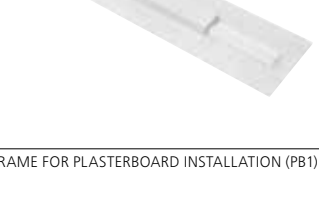
TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE (C0-180, C90-270)	EMERGENCY UNIT 3H (lm)	WEIGHT (kg)
FREYN II PV/PR1	3000	22	136	80+	3000	85°, 89°	410	3.1
FREYN II PV/PR1	3100	22	141	80+	4000	85°, 89°	420	3.1
FREYN II PV/PR1	4100	31	132	80+	3000	85°, 89°	410	3.1
FREYN II PV/PR1	4250	31	137	80+	4000	85°, 89°	420	3.1
FREYN II PV/PR4	3000	22	136	80+	3000	84°, 87°	410	3.3
FREYN II PV/PR4	3100	22	141	80+	4000	84°, 87°	420	3.3
FREYN II PV/PR4	4100	31	132	80+	3000	84°, 87°	410	3.3
FREYN II PV/PR4	4250	31	137	80+	4000	84°, 87°	420	3.3

Luminous flux tolerance +/- 10%.

PV1



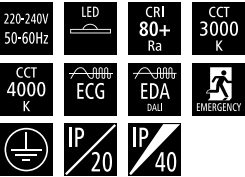
PV4



FRAME FOR PLASTERBOARD INSTALLATION (PB1)



Freyn II Recessed



EN

Mounting
Ceiling recessed
PVx/PRx - T-ceiling
Light source
LED
Optical system
Microprismatic diffuser (MCD)
Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Emergency unit variant (3H)
Materials
Housing: sheet steel
Diffuser: PMMA
Surface finish
Housing: white RAL 9003 (W03)
Accessories
Frame for plasterboard installation (PV version)
Service lifetime
50,000 hours/L80
Ambient temperature
From -20 °C to +35 °C
(from 0°C with EM unit)

DE

Montage
Einbauleuchte
PVx/PRx - Sichtbare T-schiene Decke
Lichtquelle
LED
Optisches System
Mikroprismatischer Diffusor (MCD)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Notbeleuchtung Variante (3H)
Material
Körper: Stahlblech
Diffusor: PMMA
Oberflächenveredelung
Körper: Weiss RAL 9003 (W03)
Zubehör
Rahmen für Gipskarton -Installation (PV-Version)
Lebensdauer
50,000 Stunden/L80
Umgebungstemperatur
Von -20 °C bis +35 °C
(von 0°C mit Notbeleuchtung)

FR

Montage
Plafonnier encastrable
PVx/PRx - Un faux plafond
Source lumineuse
LED
Système optique
Diffuseur microprisme (MCD)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Variante de l'unité de secours (3H)
Matériels
Corps: tôle d'acier
Diffuseur: PMMA
Finition de surface
Corps: blanc RAL 9003 (W03)
Accessoires
Cadre pour l'installation de plaques de plâtre
(version PV)
Durée de vie utile
50,000 heures/L80
Température ambiante
De -20 °C à +35 °C
(de 0°C avec l'unité de secours)

SK

Montáž
Vsadené
PVx/PRx - Kazetový strop
Svetelný zdroj
LED
Optický systém
Mikroprizmatický difúzor (MCD)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Varianta s núdzovou jednotkou (3H)
Material
Teleso: oceľový plech
Difúzor: PMMA
Povrchová úprava
Teleso: biela RAL 9003 (W03)
Príslušenstvo
Rám pre montáž do sadrokartónového stropu
(PV verzia)
Servicená životnosť
50,000 hodín/L80
Teplota okolia
Od -20 °C do +35 °C
(od 0°C s núdzovou jednotkou)

ES

Montaje
Empotradas en el techo
PVx/PRx - Techo T
Fuente luminica
LED
Sistema óptico
Difusor microprismático (MCD)
Cableado
Equipo de control electrónico FIX/DALI (ECG/EDA)
Variante unidad de emergencia (3H)
Material
Cuerpo: lámina de acero
Difusor: PMMA
Tratamiento de la superficie
Cuerpo: blanco RAL 9003 (W03)
Accesorios
Capítulo para la instalación de placas de yeso
(versión PV)
Vida útil
50,000 horas/L80
Temperatura ambiente
Desde -20 °C a +35 °C
(desde 0°C con unidad de emergencia)

IT

Installazione
Ad incasso a soffitto
PVx/PRx - Struttura in vista
Sorgente luminosa
LED
Sistema ottico
Diffusore microprismatico (MCD)
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Variante unità di emergenza (3H)
Materiali
Corpo: lamina d'acciaio
Diffusore: PMMA
Finitura
Corpo: bianco RAL 9003 (W03)
Accessori
Telaio per l'installazione in cartongesso (versione PV)
Durata di vita
50,000 ore/L80
Temperatura d'ambiente
Da -20 °C a +35 °C
(da 0°C con unità di emergenza)

RU

Установка
Потолочная встроенная
PVx/PRx - Кассетный потолок
Источник света
LED
Оптическая система
Микропризматический рассеиватель (MCD)
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Блок аварийного освещения (3H)
Материал
Корпус: листовая сталь
Рассеиватель: полиметилметакрилат
Отделка поверхности
Корпус: белый RAL 9003 (W03)
Аксессуары
Рамка для установки гипсокартона (PV версия)
Срок службы
50,000 часов/L80
Температура окружающей среды
От -20 °C до +35 °C
(от 0°C с аварийного освещения)

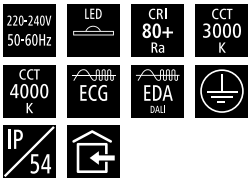




Gacrux XTP

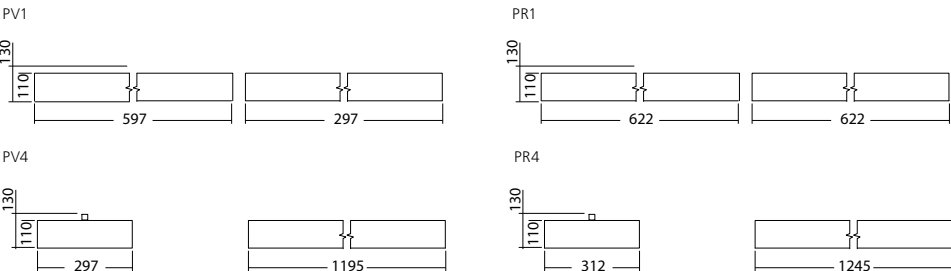
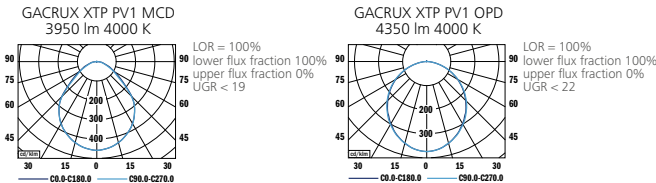


Gacrux XTP



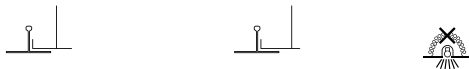
EN Mounting Ceiling recessed PVx/PRx - T-ceiling Light source LED Optical system Opal/microprismatic diffuser (OPD/MCD) Wiring Electronic control gear FIX/DALI (ECG/EDA) External lead-in flexible cable Materials Housing: sheet steel Diffuser: PMMA Frame: sheet steel Surface finish Housing: white RAL 9003 (W03) Accessories Frame for plasterboard installation (PV version) Service lifetime 50,000 hours/L80 Ambient temperature From -20 °C to +35 °C	DE Montage Einbauleuchte PVx/PRx - Sichtbare T-schiene Decke Lichtquelle LED Optisches System Opaler/mikroprismatischer Diffusor (OPD/MCD) Vorschaltgerät Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA) Externes Anschlusskabel Material Körper: Stahlblech Diffusor: PMMA Rahmen: Stahlblech Oberflächenveredelung Körper: weiss RAL 9003 (W03) Zubehör Rahmen für Gipskarton -Installation (PV-Version) Lebensdauer 50,000 Stunden/L80 Umgebungstemperatur Von -20 °C bis +35 °C	FR Montage Plafonnier encastrable PVx/PRx - Un faux plafond Source lumineuse LED Système optique Diffuseur opale/microprisme (OPD/MCD) Équipement électrique Ballast électronique FIX/DALI (ECG/EDA) Artère externe Matériels Corps: tôle d'acier Diffusor: PMMA Cadre: tôle d'acier Finition de surface Corps: blanc RAL 9003 (W03) Accessoires Cadre pour l'installation de plaques de plâtre (version PV) Durée de vie utile 50,000 heures/L80 Température ambiante De -20 °C à +35 °C	SK Montáž Vsadené PVx/PRx - Kazetový strop Svetelný zdroj LED Optický systém Opalový/mikroprizmatický difúzor (OPD/MCD) Elektrická výbava Elektronický predradník FIX/DALI (ECG/EDA) Prívodný napájací kábel Material Teleso: oceľový plech Difúzor: PMMA Rám: oceľový plech Povrchová úprava Teleso: biela RAL 9003 (W03) Príslušenstvo Rám pre montáž do sadrokartónového stropu (PV verzia) Servisná životnosť 50,000 hodín/L80 Teplota okolia Od -20 °C do +35 °C	ES Montaje Empotradas en el techo PVx/PRx - Techo T Fuente luminica LED Sistema óptico Difusor ópalo/microprismático (OPD/MCD) Cableado Equipo de control electrónico FIX/DALI (ECG/EDA) Cable alimentador externo Material Cuerpo: lámina de acero Difusor: PMMA Marco: lámina de acero Tratamiento de la superficie Cuerpo: blanco RAL 9003 (W03) Accesorios Capítulo para la instalación de placas de yeso (versión PV) Vida útil 50,000 horas/L80 Temperatura ambiente Desde -20 °C a +35 °C	IT Installazione Ad incasso a soffitto PVx/PRx - Struttura in vista Sorgente luminosa LED Sistema ottico Diffusore opale/microprismatico (OPD/MCD) Cablaggio Ballast elettronico FIX/DALI (ECG/EDA) Cavetto di alimentazione esterno Materiali Corpo: lamina d'acciaio Diffusore: PMMA Cornice: lamina d'acciaio Finitura Corpo: bianco RAL 9003 (W03) Accessori Telaio per l'installazione in cartongesso (versione PV) Durata di vita 50,000 ore/L80 Temperatura d'ambiente Da -20 °C a +35 °C	RU Установка Потолочная встроенная PVx/PRx - Кассетный потолок Источник света LED Оптическая система Матовый/микроприз. рассеиватель (OPD/MCD) Электрическое оснащение Электронный аппарат FIX/DALI (ECG/EDA) Внешний свинца в гибком кабеле Материал Корпус: листовая сталь Рассеиватель: полиметилметакрилат Каркас: листовая сталь Отделка поверхности Корпус: белый RAL 9003 (W03) Аксессуары Рамка для установки гипсокартона (PV версия) Срок службы 50,000 часов/L80 Температура окружающей среды От -20 °C до +35 °C
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PHOTOMETRY



MOUNTING

PV (CEILING 600 x 600) PR (CEILING 625 x 625)



TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE (C0-180, C90-270)	WEIGHT (kg)
GACRUX PV/PR1 MCD	3500	40	88	80+	3000	94°	8.1
GACRUX PV/PR1 MCD	3950	40	99	80+	4000	94°	8.1
GACRUX PV/PR1 OPD	3850	40	96	80+	3000	107°	8.1
GACRUX PV/PR1 OPD	4350	40	109	80+	4000	107°	8.1
GACRUX PV/PR4 MCD	3000	39	77	80+	3000	93°	9.6
GACRUX PV/PR4 MCD	3350	39	86	80+	4000	93°	9.6
GACRUX PV/PR4 OPD	3450	39	88	80+	3000	106°	9.6
GACRUX PV/PR4 OPD	3900	39	100	80+	4000	106°	9.6

Luminous flux tolerance +/- 10%.

	220-240V 50-60Hz	LED	CRI 80+ Ra	CCT 3000 K
	CCT 4000 K	ECG	EDA DAII	IP 20

Mounting
Ceiling recessed

Light source
LED

Optical system
Asymmetric matt reflector (ASM)

Wiring
Electronic control gear FIX/DALI (ECG/EDA)

Materials
Housing: sheet steel
Reflector: matt anodised aluminium

Surface finish
Housing: white RAL 9003 (W03)

Service lifetime
50,000 hours/L80

Ambient temperature
From -20 °C to +35 °C

Montage
Einbauleuchte

Lichtquelle
LED

Optisches System
Asymmetrisch matter Reflektor (ASM)

Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)

Material
Körper: Stahlblech
Reflektor: mattes eloxiertes Aluminium

Oberflächenveredelung
Körper: Weiss RAL 9003 (W03)

Lebensdauer
50,000 Stunden/L80

Umgebungstemperatur
Von -20 °C bis +35 °C

Montage
Plafonnier encastrable

Source lumineuse
LED

Système optique
Réflecteur asymétrique mat (ASM)

Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)

Matériaux
Corps: tôle d'acier
Réflecteur: aluminium anodisé mat

Finition de surface
Corps: blanc RAL 9003 (W03)

Durée de vie utile
50,000 heures/L80

Température ambiante
De -20 °C à +35 °C

Montáž
Vsadené

Svetelný zdroj
LED

Optický systém
Asymetrický matný reflektor (ASM)

Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)

Matériál
Teleso: oceľový plech
Reflektor: matný anodizovaný hliník

Povrchová úprava
Teleso: biela RAL 9003 (W03)

Servisná životnosť
50,000 hodín/L80

Teplota okolia
Od -20 °C do +35 °C

Montaje
Empotradas en el techo

Fuente luminica
LED

Sistema óptico
Reflector asimétrico mate (ASM)

Cableado
Equipo de control electrónico FIX/DALI (ECG/EDA)

Material
Cuerpo: lámina de acero
Reflector: aluminio anodizado mate

Tratamiento de la superficie
Cuerpo: blanco RAL 9003 (W03)

Vida útil
50,000 horas/L80

Temperatura ambiente
Desde -20 °C a +35 °C

Installazione
Ad incasso a soffitto

Sorgente luminosa
LED

Sistema ottico
Riflettore asimmetrico opaco (ASM)

Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)

Materiali
Corpo: lamina d'acciaio
Riflettore: alluminio anodizzato opaco

Finitura
Corpo: bianco RAL 9003 (W03)

Durata di vita
50.000 ore/L80

Temperatura d'ambiente
Da -20 °C a +35 °C

Установка
Потолочная встроенная

Источник света
LED

Оптическая система
Асимметричный матовый отражатель (ASM)

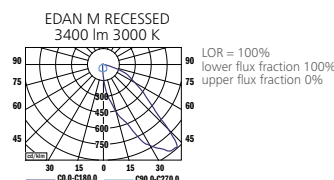
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)

Материал
Корпус: листовая сталь
Отражатель: матовый анодированный алюминий

Отделка поверхности
Корпус: белый RAL 9003 (W03)

Срок службы
50,000 часов/L80

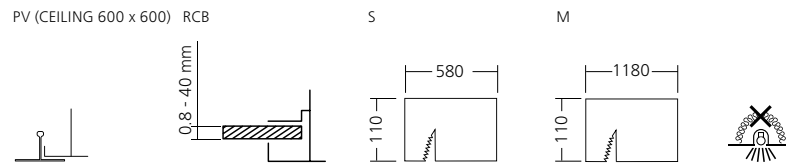
Температура окружающей среды
От -20 °C до +35 °C



M

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PV (CEILING 600 x 600) RCB

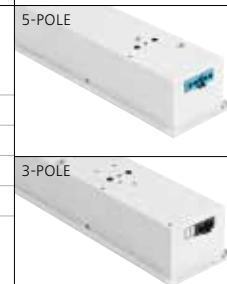


TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	WEIGHT (kg)
EDAN RECESSED S	2150	26	83	80+	3000	2.0
EDAN RECESSED S	2250	26	87	80+	4000	2.0
EDAN RECESSED M	3400	39	87	80+	3000	3.5
EDAN RECESSED M	3600	39	92	80+	4000	3.5

Luminous flux tolerance +/- 10%

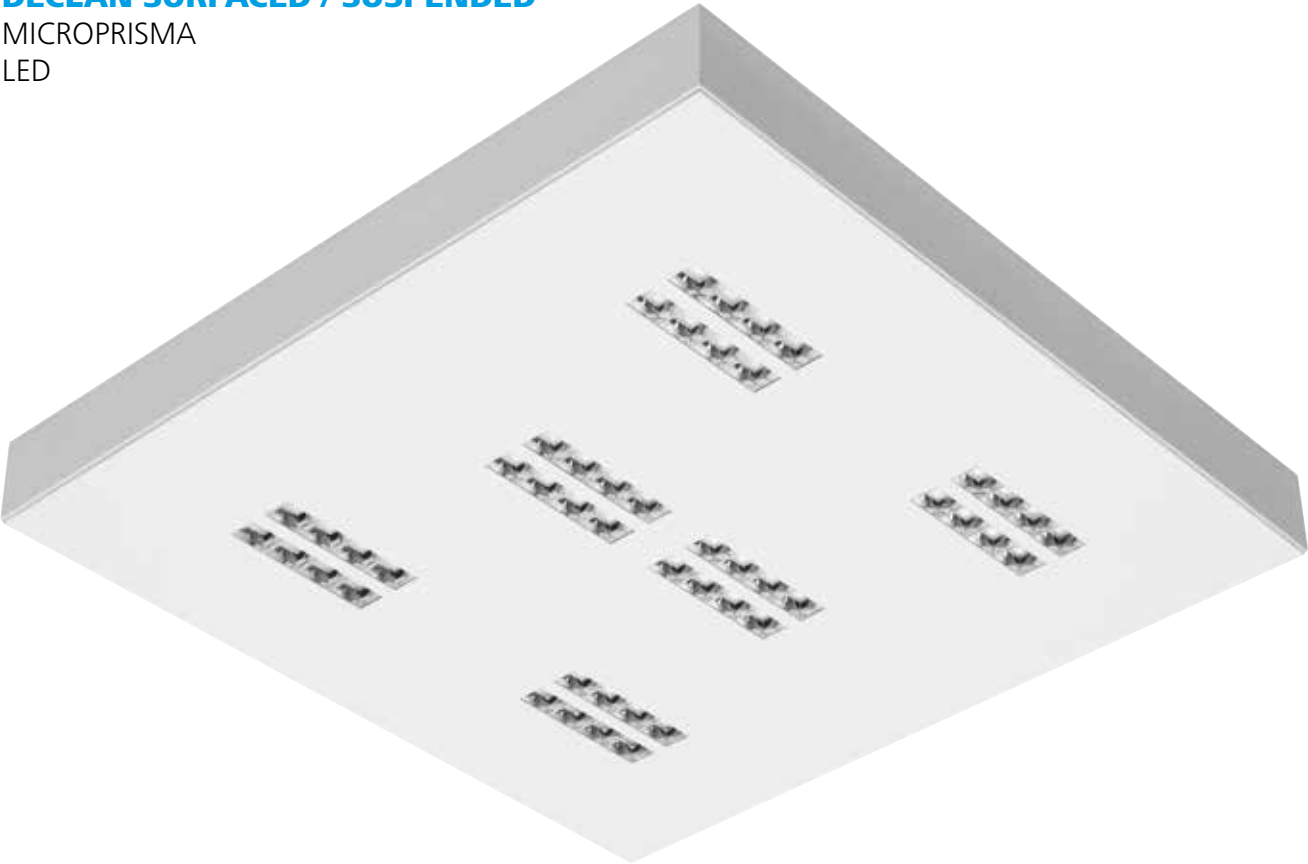


3-POLE

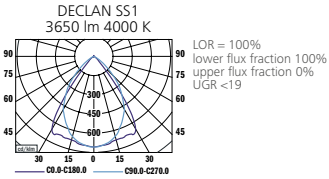


DECLAN SURFACED / SUSPENDED

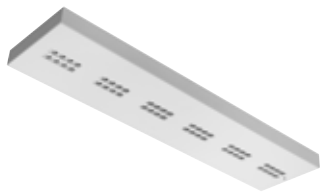
MICROPRISMA
LED



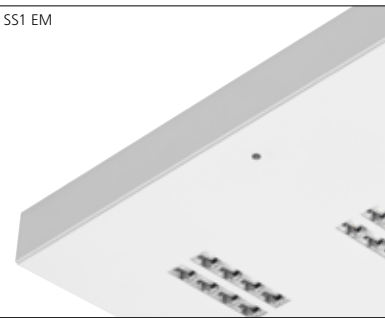
PHOTOMETRY



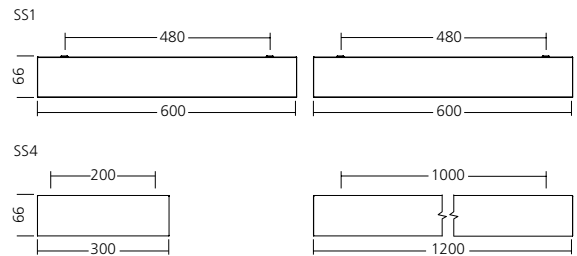
SS4



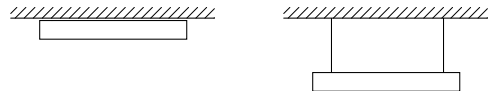
SS1 EM



RS-S 03 L150 SQ (SQUARE SHAPE) OR RD (ROUND SHAPE)



MOUNTING

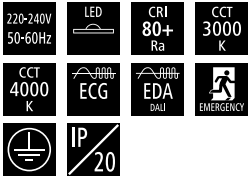


TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE (C0-180, C90-270)	EMERGENCY UNIT 3H (lm)	WEIGHT (kg)
DECLAN SS1	3450	35	99	80+	3000	74°	310	8.2
DECLAN SS1	3650	35	104	80+	4000	74°	330	8.2
DECLAN SS4	3450	35	99	80+	3000	74°	310	8.2
DECLAN SS4	3650	35	104	80+	4000	74°	330	8.2

Luminous flux tolerance +/- 10%.



Declan Surfaced / Suspended



EN

Mounting
Surfaced/Suspended (SSx)
Light source
LED
Optical system
Diffuser + reflector (MCL)
Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Emergency unit variant (3H)
Materials
Housing: sheet steel
Diffuser: microprismatic PMMA
Reflector: polished metallished polycarbonate
Surface finish
Housing: white RAL 9003 (W03)
Accessories
Rope suspension
Service lifetime
50,000 hours/L80
Ambient temperature
From -20 °C to +35 °C
(from 0°C with EM unit)

DE

Montage
Deckenleuchte/Hängend (SSx)
Lichtquelle
LED
Optisches System
Diffusor + Reflektor (MCL)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Notbeleuchtung Variante (3H)
Material
Körper: Stahlblech
Diffusor: mikrop Prismatisches PMMA
Reflektor: metallisiertes Polycarbonat
Oberflächenveredelung
Körper: Weiss RAL 9003 (W03)
Zubehör
Seilaufhängung
Lebensdauer
50,000 Stunden/L80
Umgebungstemperatur
Von -20 °C bis +35 °C
(von 0°C mit Notbeleuchtung)

FR

Montage
Plafonnier apparent/Suspendu (SSx)
Source lumineuse
LED
Système optique
Diffuseur + réflecteur (MCL)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Variante de l'unité de secours (3H)
Matériels
Corps: tôle d'acier
Diffuseur: PMMA microprismatique
Réflecteur: polycarbonate métallisé
Finition de surface
Corps: blanc RAL 9003 (W03)
Accessoires
Câble de suspension
Durée de vie utile
50,000 heures/L80
Température ambiante
De -20 °C à +35 °C
(de 0°C avec l'unité de secours)

SK

Montáž
Prisadené/Závěsné (SSx)
Svetelný zdroj
LED
Optický systém
Difúzor + reflektor (MCL)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Varianta s núdzovou jednotkou (3H)
Material
Teleso: oceľový plech
Difúzor: mikropriзмatický PMMA
Reflektor: pokovený polykarbonát
Povrchová úprava
Teleso: biela RAL 9003 (W03)
Príslušenstvo
Lankový záves
Servisná životnosť
50,000 hodín/L80
Teplota okolia
Od -20 °C do +35 °C
(od 0°C s núdzovou jednotkou)

ES

Montaje
Sobrepuestas en el techo/Suspendidas (SSx)
Fuente luminica
LED
Sistema óptico
Difusor + reflector (MCL)
Cableado
Equipo de control electrónico FIX/DALI (ECG/EDA)
Variante unidad de emergencia (3H)
Material
Cuerpo: lámina de acero
Difusor: microprismático PMMA
Reflector: policarbonato metalizado
Tratamiento de la superficie
Cuerpo: blanco RAL 9003 (W03)
Accesorios
Cable de suspensión
Vida útil
50,000 horas/L80
Temperatura ambiente
Desde -20 °C a +35 °C
(desde 0°C con unidad de emergencia)

IT

Installazione
A plafone/A sospensione (SSx)
Sorgente luminosa
LED
Sistema ottico
Diffusore + riflettore (MCL)
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Variante unità di emergenza (3H)
Materiali
Corpo: lamina d'acciaio
Diffusore: microprisma PMMA
Riflettore: policarbonato metallizzato
Finitura
Corpo: bianco RAL 9003 (W03)
Accessori
Cavo di sospensione
Durata di vita
50,000 ore/L80
Temperatura d'ambiente
Da -20 °C a +35 °C
(da 0°C con unità di emergenza)

RU

Установка
Потолочная накладная/Подвесная (SSx)
Источник света
LED
Оптическая система
Рассеиватель + отражатель (MCL)
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Блок аварийного освещения (3H)
Материал
Корпус: листовая сталь
Рассеиватель: микропризм. полиметилметакрилат
Отражатель: металлизированная поликарбонат
Отделка поверхности
Корпус: белый RAL 9003 (W03)
Аксессуары
Тросовый подвес
Срок службы
50,000 часов/L80
Температура окружающей среды
От -20 °C до +35 °C
(от 0°C с аварийного освещения)



Freyn II

Surfacd / Suspended

220-240V
50-60Hz

LFD

CRI
80+
Ra

CCT
3000
K

CCT
4000
K

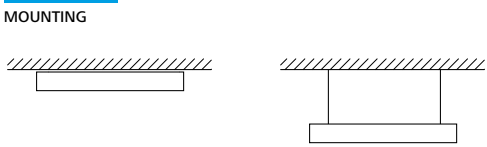
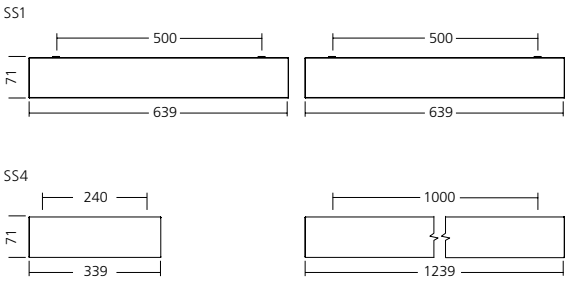
ECG

EDA
DALI

EMERGENCY

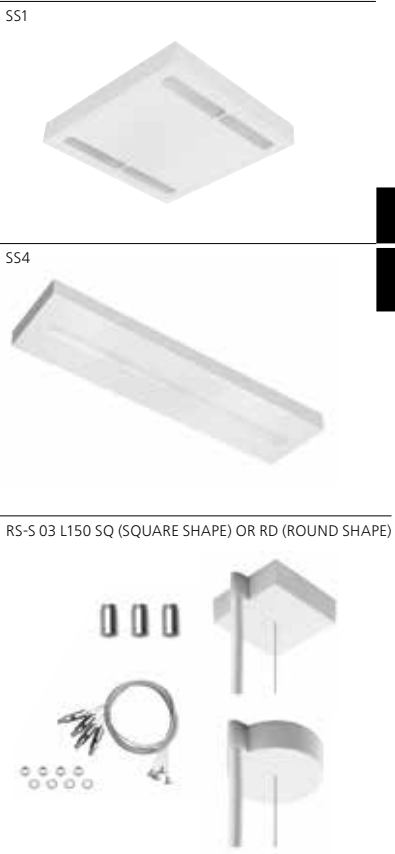
IP
20

EN Mounting Surfacd/Suspended (SSx) Light source LED Optical system Microprismatic diffuser (MCD) Wiring Electronic control gear FIX/DALI (ECG/EDA) Emergency unit variant (3H) Materials Housing: sheet steel Diffuser: PMMA Surface finish Housing: white RAL 9003 (W03) Accessories Rope suspension Service lifetime 50,000 hours/L80 Ambient temperature From -20 °C to +35 °C (from 0°C with EM unit)	DE Montage Deckenleuchte/Hängend (SSx) Lichtquelle LED Optisches System Mikroprismatischer Diffusor (MCD) Vorschaltgerät Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA) Notbeleuchtung Variante (3H) Material Körper: Stahlblech Diffusor: PMMA Oberflächenveredelung Körper: weiss RAL 9003 (W03) Zubehör Seilaufhängung Lebensdauer 50,000 Stunden/L80 Umgebungstemperatur Von -20 °C bis +35 °C (von 0°C mit Notbeleuchtung)	FR Montage Plafonnier apparent/Suspendu (SSx) Source lumineuse LED Système optique Diffuseur microprisme (MCD) Équipement électrique Ballast électronique FIX/DALI (ECG/EDA) Variante de l'unité de secours (3H) Matériels Corps: tôle d'acier Diffusor: PMMA Finition de surface Corps: blanc RAL 9003 (W03) Accessoires Câble de suspension Durée de vie utile 50,000 heures/L80 Température ambiante De -20 °C à +35 °C (de 0°C avec l'unité de secours)	SK Montáž Prisadené/Závěsné (SSx) Svetelný zdroj LED Optický systém Mikroprizmatický difúzor (MCD) Elektrická výbava Elektronický predradník FIX/DALI (ECG/EDA) Varianta s núdzovou jednotkou (3H) Material Teleso: oceľový plech Difúzor: PMMA Povrchová úprava Teleso: biela RAL 9003 (W03) Príslušenstvo Lankový záves Servisná životnosť 50,000 hodín/L80 Teplota okolia Od -20 °C do +35 °C (od 0°C s núdzovou jednotkou)	ES Montaje Sobrepuestas en el techo/Suspendidas (SSx) Fuente luminica LED Sistema óptico Difusor microprismático (MCD) Cableado Equipo de control electrónico FIX/DALI (ECG/EDA) Variante unidad de emergencia (3H) Material Cuerpo: lámina de acero Difusor: PMMA Tratamiento de la superficie Cuerpo: blanco RAL 9003 (W03) Accesorios Cable de suspensión Vida útil 50,000 horas/L80 Temperatura ambiente Desde -20 °C a +35 °C (desde 0°C con unidad de emergencia)	IT Installazione A plafone/A sospensione (SSx) Sorgente luminosa LED Sistema ottico Diffusore microprismatico (MCD) Cablaggio Ballast elettronico FIX/DALI (ECG/EDA) Variante unità di emergenza (3H) Materiali Corpo: lamina d'acciaio Diffusore: PMMA Finitura Corpo: bianco RAL 9003 (W03) Accessori Cavo di sospensione Durata di vita 50,000 ore/L80 Temperatura d'ambiente Da -20 °C a +35 °C (da 0°C con unità di emergenza)	RU Установка Потолочная накладная/Подвесная (SSx) Источник света LED Оптическая система Микропризматический рассеиватель (MCD) Электрическое оснащение Электронный аппарат FIX/DALI (ECG/EDA) Блок аварийного освещения (3H) Материал Корпус: листовая сталь Рассеиватель: полиметилметакрилат Отделка поверхности Корпус: белый RAL 9003 (W03) Аксессуары Тросовый подвес Срок службы 50,000 часов/L80 Температура окружающей среды От -20 °C до +35 °C (от 0°C с аварийного освещения)
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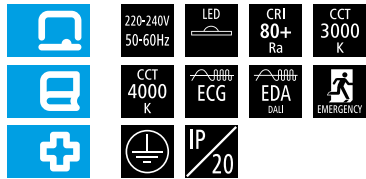
TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE (C0-180, C90-270)	EMERGENCY UNIT 3H (lm)	WEIGHT (kg)
FREYN II SS1	3000	22	136	80+	3000	85°, 89°	410	8.0
FREYN II SS1	3100	22	141	80+	4000	85°, 89°	420	8.0
FREYN II SS1	4100	31	132	80+	3000	85°, 89°	410	8.0
FREYN II SS1	4250	31	137	80+	4000	85°, 89°	420	8.0
FREYN II SS4	3000	22	136	80+	3000	84°, 87°	410	8.5
FREYN II SS4	3100	22	141	80+	4000	84°, 87°	420	8.5
FREYN II SS4	4100	31	132	80+	3000	84°, 87°	410	8.5
FREYN II SS4	4250	31	137	80+	4000	84°, 87°	420	8.5

Luminous flux tolerance +/- 10%.



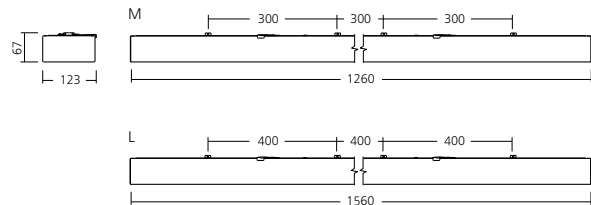
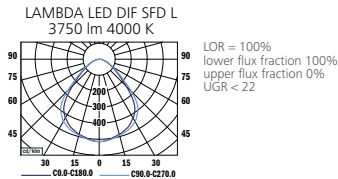


Lambda LED Dif Surfaced



EN Mounting Ceiling surfaced (SFD) Light source LED Optical system Microprismatic diffuser (MCD) Wiring Electronic control gear FIX/DALI (ECG/EDA) Emergency unit variant (3H) Materials Housing: sheet steel Diffuser: PMMA Surface finish Housing: white RAL 9003 (W03) Service lifetime 50,000 hours/L80 Ambient temperature From -25 °C to +35 °C (from 0°C with EM unit)	DE Montage Deckenleuchte (SFD) Lichtquelle LED Optisches System Mikroprismatischer Diffusor (MCD) Vorschaltgerät Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA) Notbeleuchtung Variante (3H) Material Körper: Stahlblech Diffusor: PMMA Oberflächenveredelung Körper: weiss RAL 9003 (W03) Lebensdauer 50,000 Stunden/L80 Umgebungstemperatur Von -25 °C bis +35 °C (von 0°C mit Notbeleuchtung)	FR Montage Plafonnier apparent (SFD) Source lumineuse LED Système optique Microprismatique (MCD) Équipement électrique Ballast électronique FIX/DALI (ECG/EDA) Variante de l'unité de secours (3H) Matériels Corps: tôle d'acier Diffuseur: PMMA Finition de surface Corps: blanc RAL 9003 (W03) Durée de vie utile 50,000 heures/L80 Température ambiante De -25 °C à +35 °C (de 0°C avec l'unité de secours)	SK Montáž Prisadené (SFD) Svetelný zdroj LED Optický systém Mikroprismatický difúzor (MCD) Elektrická výbava Elektronický predradník FIX/DALI (ECG/EDA) Varianta s núdzovou jednotkou (3H) Material Teleso: oceľový plech Difúzor: PMMA Povrchová úprava Teleso: biela RAL 9003 (W03) Servisná životnosť 50,000 hodín/L80 Teplota okolia Od -25 °C do +35 °C (od 0°C s núdzovou jednotkou)	ES Montaje Sobrepuestas en el techo (SFD) Fuente luminica LED Sistema óptico Microprismático (MCD) Cableado Equipo de control electronico FIX/DALI (ECG/EDA) Variante unidad de emergencia (3H) Material Cuerpo: lámina de acero Difusor: PMMA Tratamiento de la superficie Cuerpo: blanco RAL 9003 (W03) Vida útil 50,000 horas/L80 Temperatura ambiente Desde -25 °C a +40 °C (desde 0°C con unidad de emergencia)	IT Installazione A plafone (SFD) Sorgente luminosa LED Sistema ottico Microprismatico (MCD) Cablaggio Ballast elettronico FIX/DALI (ECG/EDA) Variante unità di emergenza (3H) Materiali Corpo: lamina d'acciaio Diffusore: PMMA Finitura Corpo: bianco RAL 9003 (W03) Durata di vita 50,000 ore/L80 Temperatura d'ambiente Da -25 °C a +35 °C (da 0°C con unità di emergenza)	RU Установка Потолочная накладная (SFD) Источник света LED Оптическая система Микропризматический рассеиватель (MCD) Электрическое оснащение Электронный аппарат FIX/DALI (ECG/EDA) блок аварийного освещения (3H) Материал Корпус: листовая сталь Рассеиватель: полиметилметакрилат Отделка поверхности Корпус: белый RAL 9003 (W03) Срок службы 50,000 часов/L80 Температура окружающей среды От -25 °C до +35 °C (от 0°C с аварийного освещения)
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PHOTOMETRY



MOUNTING



TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOR RENDERING INDEX CRI (Ra)	CORRELATED COLOR TEMPERATURE CCT (K) (C0-180, C90-270)	BEAM ANGLE	EMERGENCY UNIT (lm)	WEIGHT (kg)
LAMBDA LED DIF SFD M	3650	26	140	80+	3000	85°, 90°	100	4.5
LAMBDA LED DIF SFD M	3750	26	144	80+	4000	85°, 90°	100	4.5
LAMBDA LED DIF SFD M	4600	33	139	80+	3000	85°, 90°	100	4.5
LAMBDA LED DIF SFD M	4700	33	142	80+	4000	85°, 90°	100	4.5
LAMBDA LED DIF SFD L	4600	32	144	80+	4000	85°, 90°	100	5.3
LAMBDA LED DIF SFD L	4700	32	147	80+	4000	85°, 90°	100	5.3
LAMBDA LED DIF SFD L	5750	42	137	80+	4000	85°, 90°	100	5.3
LAMBDA LED DIF SFD L	5900	42	140	80+	4000	85°, 90°	100	5.3

Luminous flux tolerance +/- 10%



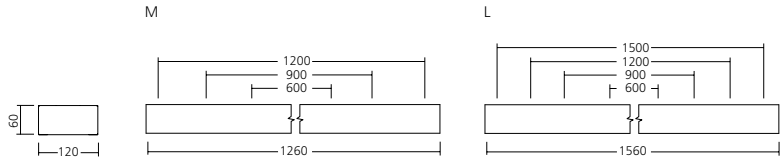
WITH EMERGENCY



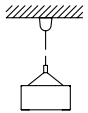


Lambda Led D-I

EN Mounting Suspended (SSD) Light source LED Optical system Microprismatic diffuser (MCD) Wiring Electronic control gear FIX/DALI (ECG/EDA) Emergency unit variant (3H) External lead-in flexible cable Materials Housing: sheet steel Diffuser: PMMA Rope suspension Surface finish Housing: white RAL 9003 (W03) Service lifetime 50,000 hours/L80 Ambient temperature From -20°C to +40 °C (from 0°C with EM unit)	DE Montage Hängend (SSD) Lichtquelle LED Optisches System Mikroprismatischer Diffusor (MCD) Vorschaltgerät Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA) Notbeleuchtung Variante (3H) Externes Anschlusskabel Material Körper: Stahlblech Diffusor: PMMA Seilauflhängung Oberflächenveredelung Körper: weiss RAL 9003 (W03) Lebensdauer 50,000 Stunden/L80 Umgebungstemperatur Von -20 °C bis +40 °C (von 0°C mit Notbeleuchtung)	FR Montage Suspendu (SSD) Source lumineuse LED Système optique Microprismatique (MCD) Équipement électrique Ballast électronique FIX/DALI (ECG/EDA) Variante de l'unité de secours (3H) Artère externe Matériels Corps: tôle d'acier Diffuseur: PMMA Câble de suspension Finition de surface Corps: blanc RAL 9003 (W03) Durée de vie utile 50,000 heures/L80 Température ambiante De -20 °C à +40 °C (de 0°C avec l'unité de secours)	SK Montáž Závěsné (SSD) Svetelný zdroj LED Optický systém Mikroprismatický difúzor (MCD) Elektrická výbava Elektronický predradník FIX/DALI (ECG/EDA) Varianta s núdzovou jednotkou (3H) Prívodný napájací kábel Material Teleso: oceľový plech Difúzor: PMMA Lankový záves Povrchová úprava Teleso: biela RAL 9003 (W03) Servisná životnosť 50,000 hodín/L80 Teplota okolia Od -20 °C do +40 °C (od 0°C s núdzovou jednotkou)	ES Montaje Suspendidas (SSD) Fuente luminica LED Sistema óptico Microprismático (MCD) Cableado Equipo de control electrónico FIX/DALI (ECG/EDA) Variante unidad de emergencia (3H) Cable alimentador externo Material Cuerpo: lámina de acero Difusor: PMMA Cable de suspensión Tratamiento de la superficie Cuerpo: blanco RAL 9003 (W03) Vida útil 50,000 horas/L80 Temperatura ambiente Desde -20 °C a +40 °C (desde 0°C con unidad de emergencia)	IT Installazione A sospensione (SSD) Sorgente luminosa LED Sistema ottico Microprismatico (MCD) Cablaggio Ballast elettronico FIX/DALI (ECG/EDA) Variante unità di emergenza (3H) Cavetto di alimentazione esterno Materiali Corpo: lamina d'acciaio Diffusore: PMMA Cavo di sospensione Finitura Corpo: bianco RAL 9003 (W03) Durata di vita 50,000 ore/L80 Temperatura d'ambiente Da -20 °C a +40 °C (da 0°C con unità di emergenza)	RU Установка Подвесная (SSD) Источник света LED Оптическая система Микропризматический рассеиватель (MCD) Электрическое оснащение Электронный аппарат FIX/DALI (ECG/EDA) Блок аварийного освещения (3H) Внешний свинца в гибком кабеле Материал Корпус: листовая сталь Рассеиватель: полиметилметакрилат Тросовый подвес Отделка поверхности Корпус: белый RAL 9003 (W03) Срок службы 50,000 часов/L80 Температура окружающей среды От -20 °C до +40 °C (от 0°C с аварийного освещения)
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MOUNTING



TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOR RENDERING INDEX CRI (Ra)	CORRELATED COLOR TEMPERATURE CCT (K)	BEAM ANGLE (C0-180, C90-270)	EMERGENCY UNIT (lm)	WEIGHT (kg)
LAMBDA LED M D-I	5500	39	142	80+	3000	85°, 90°	110	4.8
LAMBDA LED M D-I	5800	39	149	80+	4000	85°, 90°	115	4.8
LAMBDA LED L D-I	6300	44	143	80+	3000	85°, 90°	110	5.5
LAMBDA LED L D-I	6600	44	150	80+	4000	85°, 90°	115	5.5

Luminous flux tolerance +/- 10%



WITH EMERGENCY



RS-S 58 L150 RD



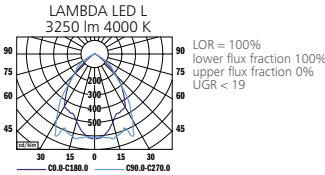
LAMBDA LED

PAR-L
LED

LED



PHOTOMETRY



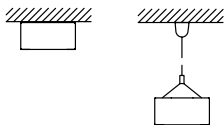
SUSPENDED



SURFACED



MOUNTING



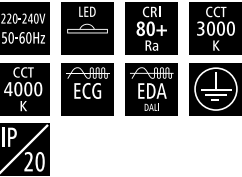
TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOR RENDERING INDEX CRI (Ra)	CORRELATED COLOR TEMPERATURE CCT (K)	BEAM ANGLE (C0-180, C90-270)	WEIGHT (kg)
LAMBDA LED M	2500	28	89	80+	3000	77°, 84°	3.3
LAMBDA LED M	2600	28	93	80+	4000	77°, 84°	3.3
LAMBDA LED M	4050	46	88	80+	3000	77°, 84°	3.3
LAMBDA LED M	4250	46	92	80+	4000	77°, 84°	3.3
LAMBDA LED L	3250	34	96	80+	3000	80°, 87°	4.6
LAMBDA LED L	3400	34	100	80+	4000	80°, 87°	4.6
LAMBDA LED L	5250	60	88	80+	3000	82°, 89°	4.6
LAMBDA LED L	5500	60	92	80+	4000	82°, 89°	4.6

Luminous flux tolerance +/- 10%

RS-S 58 L150 RD



Lambda Led



EN

Mounting
Ceiling surfaced (SFD)
Suspended (SSD)
Light source
LED
Optical system
Parabolic louvre PAR-L (PLL)
Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Materials
Housing: sheet steel
Parabolic louvre: polished aluminium
Rope suspension (SSD)
Surface finish
Housing: white RAL 9003 (W03)
Accessories
Rope suspension (SSD)
Service lifetime
50,000 hours/L80
Ambient temperature
From -20 °C to +35 °C

DE

Montage
Deckenleuchte (SFD)
Hängend (SSD)
Lichtquelle
LED
Optisches System
Parabolisches Raster PAR-L (PLL)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Material
Körper: Stahlblech
Parabolischer Raster: poliertes Aluminium
Seilaufhängung (SSD)
Oberflächenveredelung
Körper: Weiss RAL 9003 (W03)
Zubehör
Seilaufhängung (SSD)
Lebensdauer
50,000 Stunden/L80
Umgebungstemperatur
Von -20 °C bis +35 °C

FR

Montage
Plafonnier apparent (SFD)
Plafonnier Suspendu (SSD)
Source lumineuse
LED
Système optique
Grille parabolique PAR-L (PLL)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Matériels
Corps: tôle d'acier
Grille parabolique: aluminium poli
Câble de suspension (SSD)
Finition de surface
Corps: blanc RAL 9003 (W03)
Accessoires
Câble de suspension (SSD)
Durée de vie utile
50,000 heures/L80
Température ambiante
De -20 °C à +35 °C

SK

Montáž
Prisadené (SFD)
Zavesené (SSD)
Svetelný zdroj
LED
Optický systém
Parabolická mriežka PAR-L (PLL)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Material
Teleso: ocelový plech
Parabolická mriežka: leštený hliník
Lankový záves (SSD)
Povrchová úprava
Teleso: biela RAL 9003 (W03)
Príslušenstvo
Lankový záves (SSD)
Servisná životnosť
50,000 hodín/L80
Teplota okolia
Od -20 °C do +35 °C

ES

Montaje
Sobrepuestas en el techo (SFD)
Suspendidas (SSD)
Fuente luminica
LED
Sistema óptico
Rejilla parabólica PAR-L (PLL)
Cableado
Equipo de control electrónico FIX/DALI (ECG/EDA)
Material
Cuerpo: lámina de acero
Rejilla parabólica: aluminio pulido
Cable de suspensión (SSD)
Tratamiento de la superficie
Cuerpo: blanco RAL 9003 (W03)
Accesorios
Cable de suspensión (SSD)
Vida útil
50,000 horas/L80
Temperatura ambiente
Desde -20 °C a +35 °C

IT

Installazione
A plafone (SFD)
A sospensione (SSD)
Sorgente luminosa
LED
Sistema ottico
Griglia parabolica PAR-L (PLL)
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Materiali
Corpo: lamina d'acciaio
Griglia parabolica: alluminio lucido
Cavo di sospensione (SSD)
Finitura
Corpo: bianco RAL 9003 (W03)
Accessori
Cavo di sospensione (SSD)
Durata di vita
50,000 ore/L80
Temperatura d'ambiente
Da -20 °C a +35 °C

RU

Установка
Потолочная накладная (SFD)
Подвесная (SSD)
Источник света
LED
Оптическая система
Параболическая решетка PAR-L (PLL)
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Материал
Корпус: листовая сталь
Параболическая решетка: шлифованный алюминий
Тросовый подвес (SSD)
Отделка поверхности
Корпус: белый RAL 9003 (W03)
Аксессуары
Тросовый подвес (SSD)
Срок службы
50,000 часов/L80
Температура окружающей среды
От -20 °C до +35 °C

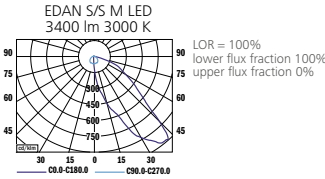
EDAN SURFACED / SUSPENDED

MATT
LED



Edan
Surfacled / Suspended

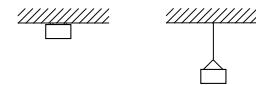
PHOTOMETRY



RS-S 58 L150 SQ (SQUARE SHAPE) OR RD (ROUND SHAPE)

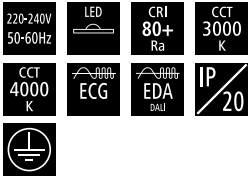


MOUNTING



TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	WEIGHT (kg)
EDAN SUSPENDED /SURFACED S	2150	26	83	80+	3000	2.0
EDAN SUSPENDED /SURFACED S	2250	26	87	80+	4000	2.0
EDAN SUSPENDED /SURFACED M	3400	39	87	80+	3000	3.5
EDAN SUSPENDED /SURFACED M	3600	39	92	80+	4000	3.5

Luminous flux tolerance +/- 10%.



EN

Mounting
Surfacled (SSD) /suspended (SFD)
Light source
LED
Optical system
Asymmetric matt reflector (ASM)
Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Materials
Housing: sheet steel
Reflector: matt anodised aluminium
Rope suspension (SSD)
Surface finish
Housing: white RAL 9003 (W03)
Service lifetime
50,000 hours/L80
Ambient temperature
From -20 °C to +35 °C

DE

Montage
Deckenleuchte (SSD) /Hängend (SFD)
Lichtquelle
LED
Optisches System
Asymmetrisch matter Reflektor (ASM)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Material
Körper: Stahlblech
Reflektor: matts eloxiertes Aluminium
Seilauflhängung (SSD)
Oberflächenveredelung
Körper: Weiss RAL 9003 (W03)
Lebensdauer
50,000 Stunden/L80
Umgebungstemperatur
Von -20 °C bis +35 °C

FR

Montage
Plafonnier apparent (SSD) /suspendu (SFD)
Source lumineuse
LED
Système optique
Réflecteur asymétrique mat (ASM)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Matériels
Corps: tôle d'acier
Réflecteur: aluminium anodisé mat
Câble de suspension (SSD)
Finition de surface
Corps: blanc RAL 9003 (W03)
Durée de vie utile
50,000 heures/L80
Température ambiante
De -20 °C à +35 °C

SK

Montáž
Prisadené (SSD) /závesné (SFD)
Svetelný zdroj
LED
Optický systém
Asymetrický matný reflektor (ASM)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Material
Teleso: oceľový plech
Reflektor: matný anodizovaný hliník
Lankový záves (SSD)
Povrchová úprava
Teleso: biela RAL 9003 (W03)
Service life
50,000 hodín/L80
Teplota okolia
Od -20 °C do +35 °C

ES

Montaje
Sobrepuestas en el techo (SSD) /suspendidas (SFD)
Fuente luminica
LED
Sistema óptico
Reflector asimétrico mate (ASM)
Cableado
Equipo de control electrónico FIX/DALI (ECG/EDA)
Material
Cuerpo: lámina de acero
Reflector: aluminio anodizado mate
Cable de suspensión (SSD)
Tratamiento de la superficie
Cuerpo: blanco RAL 9003 (W03)
Vida útil
50,000 horas/L80
Temperatura ambiente
Desde -20 °C a +35 °C

IT

Installazione
A plafone (SSD) /A sospensione (SFD)
Sorgente luminosa
LED
Sistema ottico
Riflettore asimmetrico opaco (ASM)
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Materiali
Corpo: lamina d'acciaio
Riflettore: alluminio anodizzato opaco
Cavo di sospensione (SSD)
Finitura
Corpo: bianco RAL 9003 (W03)
Durata di vita
50,000 ore/L80
Temperatura d'ambiente
Da -20 °C a +35 °C

RU

Установка
Потолочная накладная (SSD) /Подвесная (SFD)
Источник света
LED
Оптическая система
Асимметричный матовый отражатель (ASM)
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Материал
Корпус: листовая сталь
Отражатель: матовый анодированный алюминий
Тросовый подвес (SSD)
Отделка поверхности
Корпус: белый RAL 9003 (W03)
Срок службы
50,000 часов/L80
Температура окружающей среды
От -20 °C до +35 °C



Prestige system

PRESTIGE LED is the future of large-area lighting. Clearly innovative. Extremely effective. Surprisingly simple.

PRESTIGE SYSTEM

Surfaced and suspended mounting, easily connectable pre-wired mounting rails, end pieces and covers with or without accessories.

PRESTIGE LED LSK

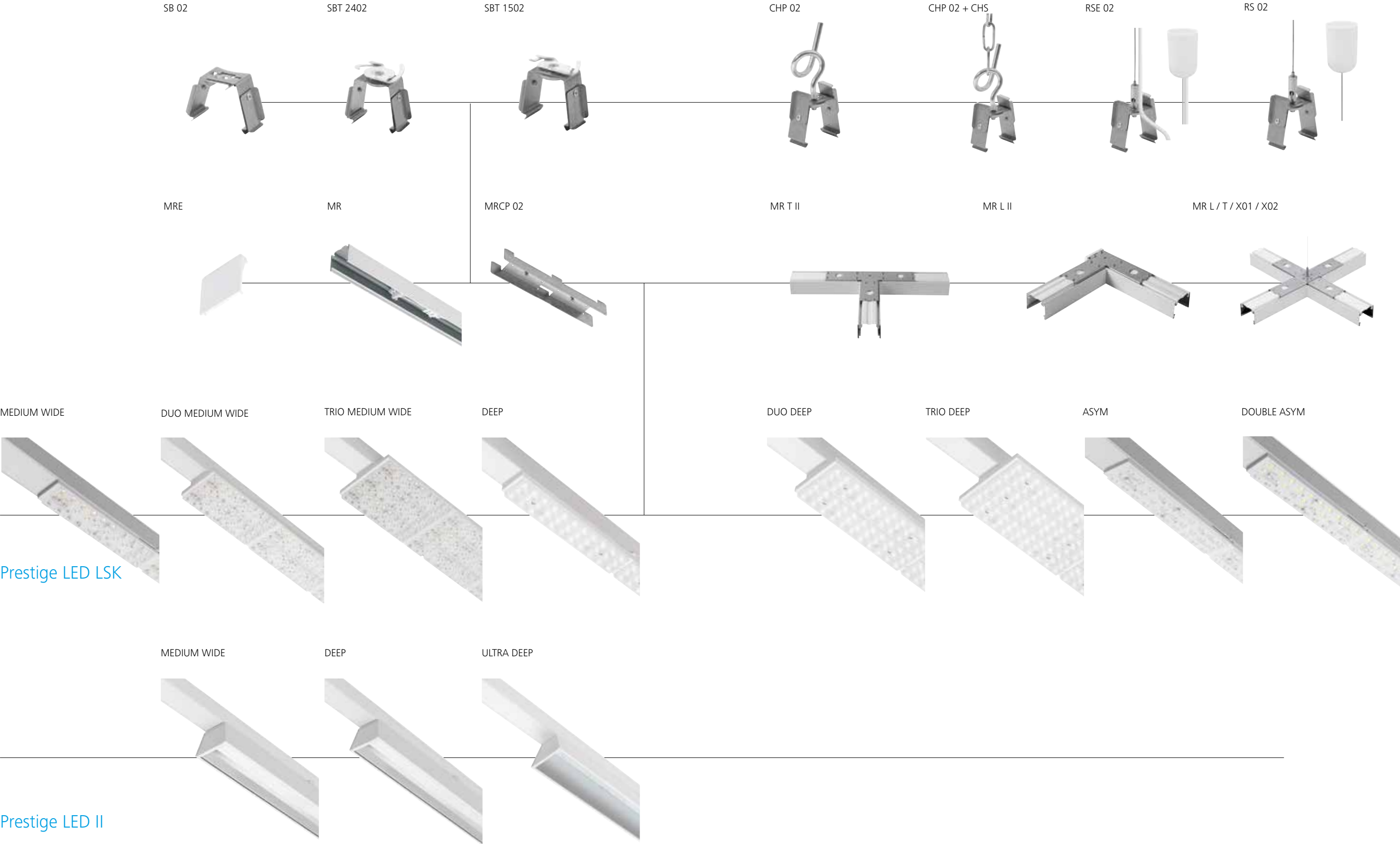
High-performance LEDs, lens-only optics.



PRESTIGE LED II

High-performance LEDs, diffuser, polished aluminium reflector, parabolic louvre.





PRESTIGE SYSTEM
MOUNTING RAIL



MR – mounting rail

The mounting rail is made from calendared 0.6 mm sheet steel and has a white polyester resin paint surface finish. The rail is standardly available in two lengths (double- and triple-body) and can be supplied as a single-body on request. Wiring comprised of 5 x, 7 x, or 9 x 1.5 mm² cross-section cabling can be installed in the profile, with the option of using 2.5 mm² cabling as required. All conductive connectors are finished with axial connectors that allow for simple toolless continuous connecting of mounting rails. Wiring connectors enable easy attachment of luminaire bodies to the mounting rails.

Pre-wired trunking

The wiring of the PRESTIGE SYSTEM is fitted during manufacture in preparation for fast and simple electrical installation and provides great flexibility. Included electrical connectors allow for mains, LMS, and emergency lighting supply connection at predefined points suitable for FDH and 1.5 modules. Wiring is suitable for both 5-, 7- and 9-pole connection as requested, standardly using 1.5 mm² cabling or 2.5 mm² cabling on request. If emergency lighting is to be installed, some of the luminaires must be equipped with emergency units requiring an additional conductor for battery supply.

5-pole electrical connection

a) Three-phase operation

Use of the 3-phase system allows PRESTIGE to be installed in very long uninterrupted lines, making it an ideal solution for large buildings. The 3-phase system, by utilising the third phase as a control line, also allows for any number of individual luminaires to be switched off during periods of inactivity while some remain switched on to provide a required minimum illumination.

b) Two-phase operation + emergency lighting

When using only two phases, it is possible to use the spare phase conductor for other things such as emergency lighting.

7-pole electrical connection

This variant offers all of the above-mentioned advantages in addition to the possibility of including lighting control (LMS). 7-pole connection is necessary for installation in lighting systems determined for the following uses:

a) Three-phase operation + LMS

Further to allowing for continuous connection in long uninterrupted lines and basic switching control, the extra connectors can be used for connection of dimmable electronic control gears.

b) Two-phase operation + emergency lighting + LMS

7-pole wiring enables the implementation of emergency lighting while still offering free connectors for dimmable electronic control gears.

9-pole electrical connection

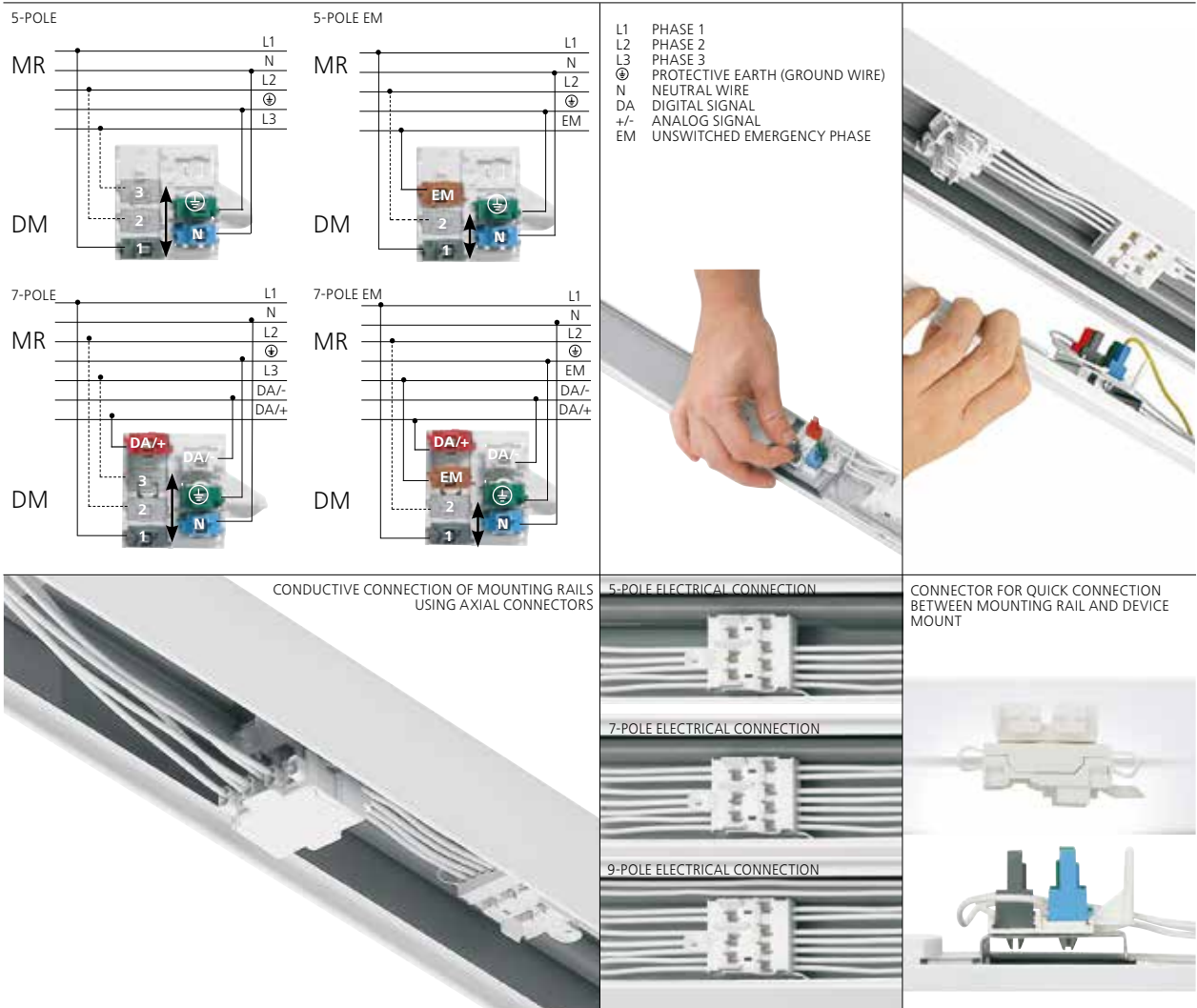
9-pole connection allows for almost unlimited inclusion of other systems in addition to standard operation, emergency lighting and an LMS. 9-pole connection is necessary for installation in lighting systems determined for the following uses:

a) Three-phase operation + emergency lighting + LMS

Allows for full three-phase operation in addition to connection for emergency lighting and an LMS. In the case of DALI control, this broadens control possibilities.

b) Two-phase operation + emergency lighting + emergency lighting /loud speaker system / other separated phase circuit

The additional two connectors can be used for connection of a wide range of other circuits such as a second, independent emergency lighting system, the feeding of load speakers (which can be included in the PRESTIGE SYSTEM), or any other separated phase circuit.



TYPE	1.5/2.5 mm ²	L (mm)	55	69	L1
1.5					
MR FDH I 5p	5 x	1484			
MR FDH I 7p	7 x	1484			
MR FDH I 9p	9 x	1484			
MR FDH II 5p	5 x	2968			
MR FDH II 7p	7 x	2986			
MR FDH II 9p	9 x	2986			
MR FDH III 5p	5 x	4451			
MR FDH III 7p	7 x	4451			
MR FDH III 9p	9 x	4451			

FIXING POINTS FOR SUSPENSION

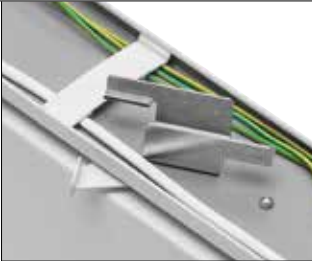
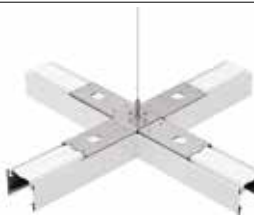
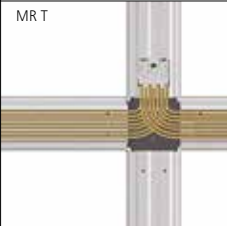
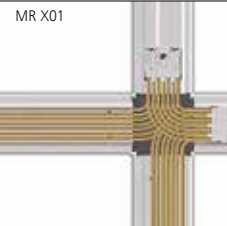
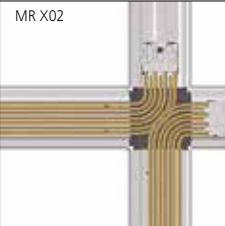
max. 2500mm

max. 2500mm

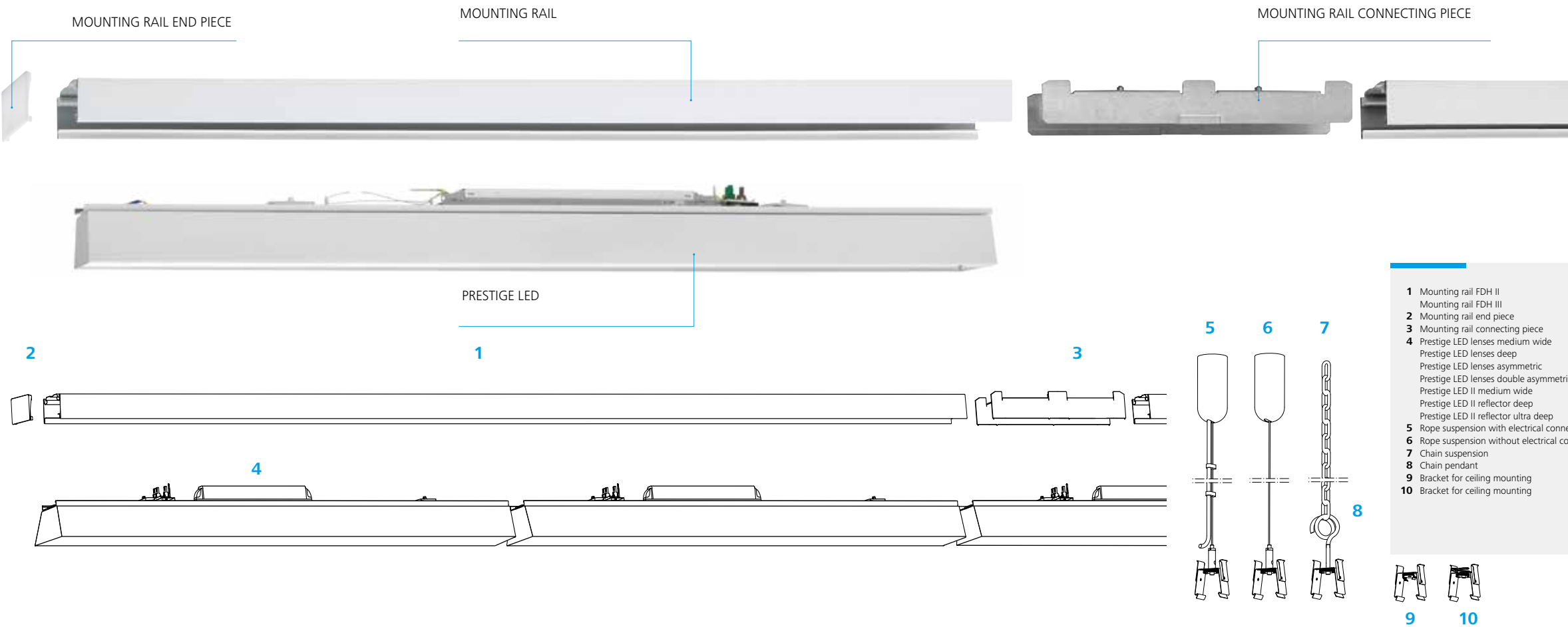
max. 2500mm

3xDM LED 1.5

3xDM LED 1.5

RSE 02 – suspension with electric cable An adjustable rope used for the suspension of mounting rails along with a 3-, 5-, or 9-pole 1.5 mm² cable for connection to the mains. Cables are standardly supplied with a length of 1100 mm with other lengths available on request.		RS 02 – suspension An adjustable 1.5 mm diameter rope used for the suspension of mounting rails. Standardly supplied with a length of 1100 mm, other lengths are available on request.		LED device mount The LED device mount is standardly attached directly to the mounting rail using two built-in clamps, which allow for simple installation without additional tools. Device mounts are made of calendared sheet steel with a white polyester resin paint surface finish. They are available in lengths of 1.5 m, both of which are suitable for all optical variants. The connector located on the control gear tray allows for simple electrical connection of the LED device to the mounting rail. It also enables phase selection (5-, 7- and 9-pole connection) by means of positioning a moveable contact. Any free contacts can be used for the configuration of the LED device for dimming or emergency lighting. For the case that a there is a gap between device mounts, the mounting rail can be finished with a mounting rail cover.		
CHS – chain suspension A chain used for the suspension of mounting rails. Standardly supplied with a length of 1100 mm, other lengths are available on request.		CHP 02 – chain bracket Mounting bracket for suspension chains.			MR COVER 	MR PLASTIC COVER 
SBT 2402 – bracket for ceiling mounting A quick-fix bracket for mounting of the mounting rails in T-profile (24 mm) ceilings.		SBT 1502 – bracket for ceiling mounting A quick-fix bracket for mounting of the mounting rails in T-profile (15 mm) ceilings.		Fly connector Adjustable connector on a 1.5 m cable.		
SB 02 – bracket for ceiling mounting A quick-fix bracket for mounting of the mounting rails on the ceiling.		MRE – mounting rail end piece A self-extinguishing ABS plastic cover used to finish open ends of mounting rails. End pieces must be ordered separately.		Sensor Built-in sensor (type upon customer request).		
MRCP 02 – mounting rail connecting piece A standard connector that allows for both mechanical and electrical connection through insertion into other mounting rail parts. Made of zinc-coated sheet steel.		MR L II – L-shaped mounting rail corner connector An L-shaped mounting rail corner connector that allows for both mechanical and electrical connection through insertion into other mounting rail parts. Made of zinc-coated sheet steel.		Socket It is possible to integrate electrical plug sockets into the PRESTIGE SYSTEM using the existing electrical wiring.		
MR T II – T-shaped mounting rail connector A T-shaped mounting rail connector that allows for both mechanical and electrical connection through insertion into other mounting rail parts. Made of zinc-coated sheet steel.		MR L/T/X01/X02 – cross-shaped mounting rail connector A cross-shaped mounting rail connector that allows for both mechanical and electrical connection through insertion into other mounting rail parts. Made of zinc-coated sheet steel. Standardly supplied with a plastic cap cover and the necessary number of end pieces.		FDH track device mount It is possible to combine the ONETRACK system with PRESTIGE for the incorporation of spotlights (0.9 m ONETRACK to 1.5 m DM).		
MR L 	MR T 	MR X01 	MR X02 			

PRESTIGE SYSTEM
ACCESSORIES



- 1

Mounting rail FDH II
Mounting rail FDH III
- 2

Mounting rail end piece
- 3

Mounting rail connecting piece
- 4

Prestige LED lenses medium wide
Prestige LED lenses deep
Prestige LED lenses asymmetric
Prestige LED lenses double asymmetric
Prestige LED II medium wide
Prestige LED II reflector deep
Prestige LED II reflector ultra deep
- 5

Rope suspension with electrical connection
- 6

Rope suspension without electrical connection
- 7

Chain suspension
- 8

Chain pendant
- 9

Bracket for ceiling mounting
- 10

Bracket for ceiling mounting
- MR FDH II p
MR FDH III
MRE
MRCP 02
LSK MEDIUM WIDE / DUO / TRIO
LSK DEEP / DUO / TRIO
LSK ASYM
LSK DOUBLE ASYM
LED II MEDIUM WIDE
LED II DEEP
LED II ULTRA DEEP
RSE 02
RS 02
CHS
CHP 02
SB02
SBT 1502 / 2402

LENGTH (m)	MOUNTING RAIL		SUSPENSION BRACKET	MOUNTING RAIL CONNECTING PIECE	MOUNTING RAIL END PIECE	PRESTIGE LED MR COVER
	MR FDH II	MR FDH III				
1.5	1	-	1.5	MRCP 02	MRE (SET/2 x pc.)	
2.97	1	-	2	-	1	2
4.45	-	1	2	-	1	3
5.94	2	-	3	1	1	4
7.42	1	1	4	1	1	5
8.90	-	2	4	1	1	6
10.39	2	1	5	2	1	7
11.87	1	2	6	2	1	8
13.35	-	3	6	2	1	9
14.84	2	2	7	3	1	10
16.32	1	3	8	3	1	11
17.80	-	4	8	3	1	12
19.29	2	3	9	4	1	13
20.77	1	4	10	4	1	14
22.26	-	5	10	4	1	15
23.74	2	4	11	5	1	16
25.22	1	5	11	5	1	17
26.71	-	6	12	5	1	18
28.19	2	5	13	6	1	19
29.67	1	6	13	6	1	20
31.16	-	7	14	6	1	21
32.64	2	6	15	7	1	22
34.13	1	7	15	7	1	23
35.61	-	8	16	7	1	24
37.09	2	7	17	8	1	25
38.58	1	8	17	8	1	26
40.06	-	9	18	8	1	27
41.54	2	8	19	9	1	28
43.03	1	9	19	9	1	29
44.51	-	10	20	9	1	30

TYPE	LENGTH (mm)	
MR FDH I	1.5	1484
MR FDH II	1.5	2968
MR FDH III	1.5	4451

TYPE	DIMENSIONS (mm)	
MR L/T/X01/X02	540 x 540	
MR L II	315 x 304	
MR T II	540 x 304	

The PRESTIGE system can be fit with many different supplementary devices meaning you can tailor it to the precise needs of any space.

Sensors

Why not add sensors to your PRESTIGE installation? Various sensors have various functions, meaning that you can truly make the most of your lighting system. Very simple to install on the rail, discreet, and highly effective, the additional functionality and energy savings ensured by their use makes adding sensors a viable and practical option.

Track luminaires

In many types of space, it is beneficial to use accent lighting to effectively draw attention to the right places. The PRESTIGE SYSTEM enables the addition of track spotlight luminaires directly on the same mounting rail as the PRESTIGE luminaires. This provides the perfect combination of practical and attention grabbing lighting without complication.

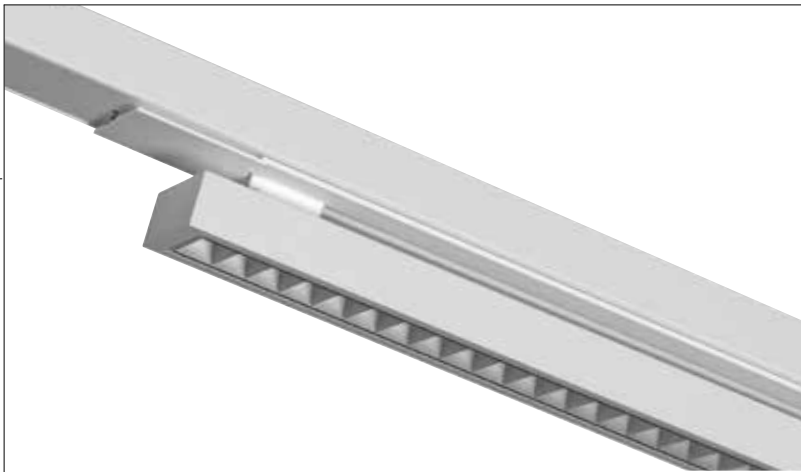
AIR ECO



AIR II



ZIPAR TRACK



PRESTIGE LED LSK

MEDIUM WIDE
LED

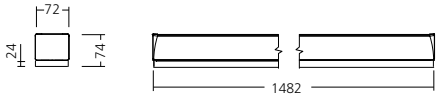
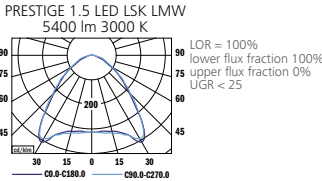
LED

FASTRUNNER

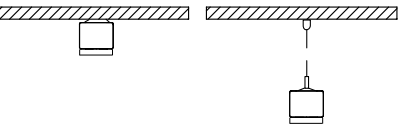


Prestige LED LSK
Medium Wide

PHOTOMETRY

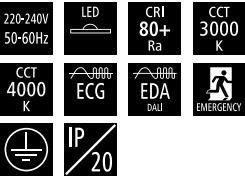


MOUNTING



TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE (C0-180, C90-270)	EMERGENCY UNIT 3H (lm)	WEIGHT (kg)
PRESTIGE 1.5 LED LSK LMW	5400	37	146	80+	3000	92°, 96°	340	2.5
PRESTIGE 1.5 LED LSK LMW	5500	37	150	80+	4000	92°, 96°	350	2.5
PRESTIGE 1.5 LED LSK LMW	7300	56	130	80+	3000	92°, 96°	340	2.5
PRESTIGE 1.5 LED LSK LMW	7550	56	135	80+	4000	92°, 96°	350	2.5

Luminous flux tolerance +/- 10 %.



EN Mounting Suspended or ceiling surfaced - determined for continuous installation (MDS) Light source LED Optical system Medium wide lenses (LMW) Wiring Electronic control gear FIX/DALI (ECG/EDA) Emergency unit variant (3H) Materials Housing: sheet steel Lenses: PMMA Surface finish Housing: white RAL 9003 (W03) Accessories Components for system PRESTIGE Service lifetime 50,000 hours/L80 Ambient temperature from -20°C to +35 °C (from 0°C with EM unit)	DE Montage Hänge- oder Deckenleuchte - mit Erweiterungsmöglichkeit (MDS) Lichtquelle LED Optisches System Medium weiten Linsen (LMW) Vorschaltgerät Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA) Notbeleuchtung Variante (3H) Material Körper: Stahlblech Linsen: PMMA Oberflächenveredelung Körper: weiss RAL 9003 (W03) Zubehör Komponenten für System PRESTIGE Lebensdauer 50,000 Stunden/L80 Umgebungstemperatur Von -20 °C bis +35 °C (von 0°C mit Notbeleuchtung)	FR Montage Plafonnier suspendu ou apparent - conçu pour une installation continue (MDS) Source lumineuse LED Système optique Medium-large Lentilles (LMW) Équipement électrique Ballast électronique FIX/DALI (ECG/EDA) Variante de l'unité de secours (3H) Matériels Corps: tôle d'acier Lentilles: PMMA Finition de surface Corps: blanc RAL 9003 (W03) Accessoires Composants pour le PRESTIGE du système Durée de vie utile 50,000 heures/L80 Température ambiante De -20 °C do +35 °C (de 0°C avec l'unité de secours)	SK Montáž Závěsné alebo prisadené - predurčené na montáž do línii (MDS) Svetelný zdroj LED Optický systém Stredne široké šošovky (LMW) Elektrická výbava Elektronický predradník FIX/DALI (ECG/EDA) Varianta s núdzovou jednotkou (3H) Material Teleso: oceľový plech Šošovky: PMMA Povrchová úprava Teleso: biela RAL 9003 (W03) Príslušenstvo Komponenty pre systém PRESTIGE Servisná životnosť 50,000 hodín/L80 Teplota okolia Od -20 °C do +35 °C (od 0°C s núdzovou jednotkou)	ES Montaje Suspendido o sobrepuesto - específico para instalaciones continuas (MDS) Fuente luminica LED Sistema óptico Lentes de anchura media (LMW) Cableado Equipo de control electronico FIX/DALI (ECG/EDA) Variante unidad de emergencia (3H) Material Cuerpo: lámina de acero Lentes: PMMA Tratamiento de la superficie Cuerpo: blanco RAL 9003 (W03) Accesorios Componentes para PRESTIGE sistema Vida útil 50,000 horas/L80 Temperatura ambiente Desde -20 °C a +35 °C (desde 0°C con unidad de emergencia)	IT Installazione Apparecchi illuminanti a sospensione o a plafone - per installazioni in linea (MDS) Sorgente luminosa LED Sistema ottico Lenti a livello medio (LMW) Cablaggio Ballast elettronico FIX/DALI (ECG/EDA) Variante unità di emergenza (3H) Materiali Corpo: lamina d'acciaio Lenti: PMMA Finitura Corpo: bianco RAL 9003 (W03) Accessori Componenti per il prestigio del sistema Durata di vita 50,000 ore/L80 Temperatura d'ambiente Da -20 °C a +35 °C (da 0°C con unità di emergenza)	RU Установка Подвешная или потолочная накладная - рассчитанная на долговременную установку (MDS) Источник света LED Оптическая система Средней ширины Линзы (LMW) Электрическое оснащение Электронный аппарат FIX/DALI (ECG/EDA) Блок аварийного освещения (3H) Материал Корпус: листовая сталь Линзы: PMMA Отделка поверхности Корпус: белый RAL 9003 (W03) Аксессуары Компоненты для системы PRESTIGE Срок службы 50,000 часов/L80 Температура окружающей среды От -20 °C до +35 °C (от 0°C с аварийного освещения)
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PRESTIGE LED LSK DUO

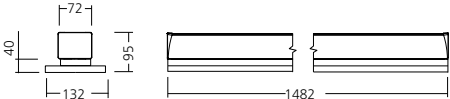
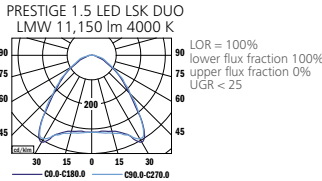
MEDIUM WIDE
LED

LED

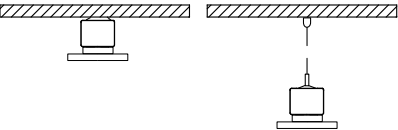
FASTRUNNER

Prestige LED LSK
Duo Medium Wide

PHOTOMETRY

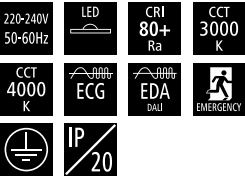


MOUNTING



TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMP- TION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE (C0-180, C90-270)	EMERGENCY WEIGHT UNIT 3H (lm) (kg)
PRESTIGE 1.5 LED LSK DUO LMW	10,650	76	140	80+	3000	95°	310 4.4
PRESTIGE 1.5 LED LSK DUO LMW	11,150	76	147	80+	4000	95°	330 4.4
PRESTIGE 1.5 LED LSK DUO LMW	15,050	114	132	80+	3000	95°	310 4.4
PRESTIGE 1.5 LED LSK DUO LMW	15,850	114	139	80+	4000	95°	330 4.4

Luminous flux tolerance +/- 10 %.



EN Mounting Suspended or ceiling surfaced - determined for continuous installation (MDS) Light source LED Optical system Medium wide lenses (LMW) Wiring Electronic control gear FIX/DALI (ECG/EDA) Emergency unit variant (3H) Materials Housing: sheet steel Lenses: PMMA Surface finish Housing: white RAL 9003 (W03) Accessories Components for system PRESTIGE Service lifetime 50,000 hours/L80 Ambient temperature from -20°C to +35 °C (from 0°C with EM unit)	DE Montage Hänge- oder Deckenleuchte - mit Erweiterungsmöglichkeit (MDS) Lichtquelle LED Optisches System Medium weiten Linsen (LMW) Vorschaltgerät Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA) Notbeleuchtung Variante (3H) Material Körper: Stahlblech Linsen: PMMA Oberflächenveredelung Körper: weiss RAL 9003 (W03) Zubehör Komponenten für System PRESTIGE Lebensdauer 50,000 Stunden/L80 Umgebungstemperatur Von -20 °C bis +35 °C (von 0°C mit Notbeleuchtung)	FR Montage Plafonnier suspendu ou apparent - conçu pour une installation continue (MDS) Source lumineuse LED Système optique Medium-large Lentilles (LMW) Équipement électrique Ballast électronique FIX/DALI (ECG/EDA) Variante de l'unité de secours (3H) Matériels Corps: tôle d'acier Lentilles: PMMA Finition de surface Corps: blanc RAL 9003 (W03) Accessoires Composants pour le PRESTIGE du système Durée de vie utile 50,000 heures/L80 Température ambiante De -20 °C à +35 °C (de 0°C avec l'unité de secours)	SK Montáž Zavesné alebo prisadené - predurčené na montáž do línii (MDS) Svetelný zdroj LED Optický systém Stredne široké šošovky (LMW) Elektrická výbava Elektronický predradník FIX/DALI (ECG/EDA) Varianta s núdzovou jednotkou (3H) Material Teleso: oceľový plech Šošovky: PMMA Povrchová úprava Teleso: biela RAL 9003 (W03) Príslušenstvo Komponenty pre systém PRESTIGE Servisná životnosť 50,000 hodín/L80 Teplota okolia Od -20 °C do +35 °C (od 0°C s núdzovou jednotkou)	ES Montaje Suspendido o sobrepuesto - específico para instalaciones continuas (MDS) Fuente luminica LED Sistema óptico Lentes de anchura media (LMW) Cableado Equipo de control electrónico FIX/DALI (ECG/EDA) Variante unidad de emergencia (3H) Material Cuerpo: lámina de acero Lentes: PMMA Tratamiento de la superficie Cuerpo: blanco RAL 9003 (W03) Accesorios Componentes para PRESTIGE sistema Vida útil 50,000 horas/L80 Temperatura ambiente Desde -20 °C a +35 °C (desde 0°C con unidad de emergencia)	IT Installazione Apparecchi illuminanti a sospensione o a plafone - per installazioni in linea (MDS) Sorgente luminosa LED Sistema ottico Lenti a livello medio (LMW) Cablaggio Ballast elettronico FIX/DALI (ECG/EDA) Variante unità di emergenza (3H) Materiali Corpo: lamina d'acciaio Lenti: PMMA Finitura Corpo: bianco RAL 9003 (W03) Accessori Componenti per il prestigio del sistema Durata di vita 50,000 ore/L80 Temperatura d'ambiente Da -20 °C a +35 °C (da 0°C con unità di emergenza)	RU Установка Подвесная или потолочная накладная - рассчитанная на долговременную установку (MDS) Источник света LED Оптическая система Средней ширины Линзы (LMW) Электрическое оснащение Электронный аппарат FIX/DALI (ECG/EDA) Блок аварийного освещения (3H) Материал Корпус: листовая сталь Линзы: PMMA Отделка поверхности Корпус: белый RAL 9003 (W03) Аксессуары Компоненты для системы PRESTIGE Срок службы 50,000 часов/L80 Температура окружающей среды От -20 °C до +35 °C (от 0°C с аварийного освещения)
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PRESTIGE LED LSK TRIO

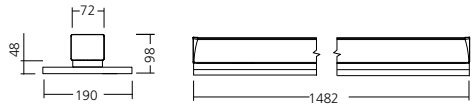
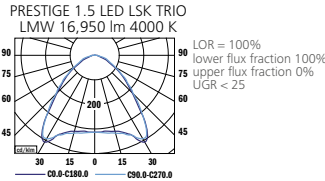
MEDIUM WIDE
LED

LED

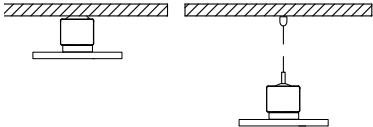
FASTRUNNER

Prestige LED LSK
Trio Medium Wide

PHOTOMETRY

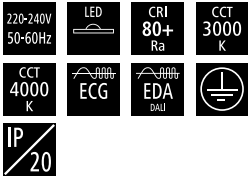


MOUNTING



TYPE	NET LUMEN OUTPUT (at Ta = 25 °C)	POWER CONSUMPTION	SYSTEM EFFICACY	COLOUR RENDERING INDEX	CORRELATED COLOUR TEMPERATURE	BEAM ANGLE	WEIGHT
	(lm)	(W)	(lm/W)	CRI (Ra)	CCT (K)	(C0-180, C90-270)	(kg)
PRESTIGE 1.5 LED LSK TRIO ECG	16,450	119	138	80+	3000	95°	4.2
PRESTIGE 1.5 LED LSK TRIO ECG	16,950	119	142	80+	4000	95°	4.2
PRESTIGE 1.5 LED LSK TRIO EDA	16,450	114	144	80+	3000	95°	4.4
PRESTIGE 1.5 LED LSK TRIO EDA	16,950	114	149	80+	4000	95°	4.4
PRESTIGE 1.5 LED LSK TRIO ECG	23,450	175	134	80+	3000	95°	4.3
PRESTIGE 1.5 LED LSK TRIO ECG	24,150	175	138	80+	4000	95°	4.3
PRESTIGE 1.5 LED LSK TRIO EDA	23,450	173	136	80+	3000	95°	4.4
PRESTIGE 1.5 LED LSK TRIO EDA	24,150	173	140	80+	4000	95°	4.4

Luminous flux tolerance +/- 10 %.



EN

Mounting
Suspended or ceiling surfaced
- determined for continuous installation (MDS)

Light source
LED

Optical system
Medium wide lenses (LMW)

Wiring
Electronic control gear FIX/DALI (ECG/EDA)

Materials
Housing: sheet steel
Lenses: PMMA

Surface finish
Housing: white RAL 9003 (W03)

Accessories
Components for system PRESTIGE

Service lifetime
50,000 hours/L80

Ambient temperature
from -20°C to +35 °Ct)

DE

Montage
Hänge- oder Deckenleuchte
- mit Erweiterungsmöglichkeit (MDS)

Lichtquelle
LED

Optisches System
Medium weiten Linsen (LMW)

Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)

Material
Körper: Stahlblech
Linsen: PMMA

Oberflächenveredelung
Körper: weiss RAL 9003 (W03)

Zubehör
Komponenten für System PRESTIGE

Lebensdauer
50,000 Stunden/L80

Umgebungstemperatur
Von -20 °C bis +35 °C

FR

Montage
Plafonnier suspendu ou apparent
- conçu pour une installation continue (MDS)

Source lumineuse
LED

Système optique
Medium-large Lentilles (LMW)

Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)

Matériels
Corps: tôle d'acier
Lentilles: PMMA

Finition de surface
Corps: blanc RAL 9003 (W03)

Accessoires
Composants pour le PRESTIGE du système

Durée de vie utile
50,000 heures/L80

Température ambiante
De -20 °C à +35 °C

SK

Montáž
Závesné alebo prisadené
- predurčené na montáž do línii (MDS)

Svetelný zdroj
LED

Optický systém
Stredne široké šošovky (LMW)

Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)

Material
Teleso: oceľový plech
Šošovky: PMMA

Povrchová úprava
Teleso: biela RAL 9003 (W03)

Príslušenstvo
Komponenty pre systém PRESTIGE

Servisná životnosť
50,000 hodín/L80

Teplota okolia
Od -20 °C do +35 °C

ES

Montaje
Suspendido o sobrepuesto
- específico para instalaciones continuas (MDS)

Fuente luminica
LED

Sistema óptico
Lentes de anchura media (LMW)

Cableado
Equipo de control electrónico FIX/DALI (ECG/EDA)

Material
Cuerpo: lámina de acero
Lentes: PMMA

Tratamiento de la superficie
Cuerpo: blanco RAL 9003 (W03)

Accesorios
Componentes para PRESTIGE sistema

Vida útil
50,000 horas/L80

Temperatura ambiente
Desde -20 °C a +35 °C

IT

Installazione
Apparecchi illuminanti a sospensione o a plafone
- per installazioni in linea (MDS)

Sorgente luminosa
LED

Sistema ottico
Lenti a livello medio (LMW)

Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)

Materiali
Corpo: lamina d'acciaio
Lenti: PMMA

Finitura
Corpo: bianco RAL 9003 (W03)

Accessori
Componenti per il prestigio del sistema

Durata di vita
50,000 ore/L80

Temperatura d'ambiente
Da -20 °C a +35 °C

RU

Установка
Подвесная или потолочная накладная
- рассчитанная на долговременную установку (MDS)

Источник света
LED

Оптическая система
Средней ширины Линзы (LMW)

Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)

Материал
Корпус: листовая сталь
Линзы: PMMA

Отделка поверхности
Корпус: белый RAL 9003 (W03)

Аксессуары
Компоненты для системы PRESTIGE

Срок службы
50,000 часов/L80

Температура окружающей среды
От -20 °C до +35 °C

PRESTIGE LED LSK

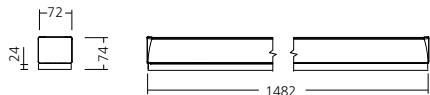
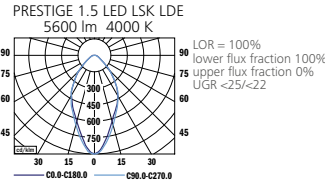
DEEP
LED

LED

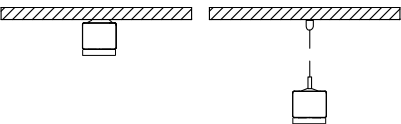
FASTRUNNER

Prestige LED LSK
Deep

PHOTOMETRY

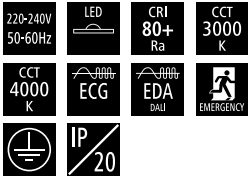


MOUNTING



TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMP- TION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE (C0-180, C90-270)	EMERGENCY UNIT 3H (lm)	WEIGHT (kg)
PRESTIGE 1.5 LED LSK LDE	5450	37	147	80+	3000	56°	410	2.6
PRESTIGE 1.5 LED LSK LDE	5600	37	151	80+	4000	56°	430	2.6
PRESTIGE 1.5 LED LSK LDE	8150	58	141	80+	3000	56°	410	2.6
PRESTIGE 1.5 LED LSK LDE	8400	58	145	80+	4000	56°	430	2.6
PRESTIGE 1.5 LED LSK LDE	10,050	77	131	80+	3000	56°	410	2.6
PRESTIGE 1.5 LED LSK LDE	10,350	77	134	80+	4000	56°	430	2.6

Luminous flux tolerance +/- 10 %.



EN

Mounting
Suspended or ceiling surfaced
- determined for continuous installation (MDS)
Light source
LED
Optical system
Deep lenses (LDE)
Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Emergency unit variant (3H)
Materials
Housing: sheet steel
Lenses: PMMA
Surface finish
Housing: white RAL 9003 (W03)
Accessories
Components for system PRESTIGE
Service lifetime
50,000 hours/L80
Ambient temperature
from -20°C to +35 °C
(from 0°C with EM unit)

DE

Montage
Hänge- oder Deckenleuchte
- mit Erweiterungsmöglichkeit (MDS)
Lichtquelle
LED
Optisches System
Tiefe Linsen (LDE)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Notbeleuchtung Variante (3H)
Material
Körper: Stahlblech
Linsen: PMMA
Oberflächenveredelung
Körper: weiss RAL 9003 (W03)
Zubehör
Komponenten für System PRESTIGE
Lebensdauer
50,000 Stunden/L80
Umgebungstemperatur
Von -20 °C bis +35 °C
(von 0°C mit Notbeleuchtung)

FR

Montage
Plafonnier suspendu ou apparent
- conçu pour une installation continue (MDS)
Source lumineuse
LED
Système optique
Profonde Lentilles (LDE)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Variante de l'unité de secours (3H)
Matériels
Corps: tôle d'acier
Lentilles: PMMA
Finition de surface
Corps: blanc RAL 9003 (W03)
Accessoires
Composants pour le PRESTIGE du système
Durée de vie utile
50,000 heures/L80
Température ambiante
De -20 °C do +35 °C
(de 0°C avec l'unité de secours)

SK

Montáž
Zavesné alebo prisadené
- predurčené na montáž do línii (MDS)
Svetelný zdroj
LED
Optický systém
Hlboké šošovky (LDE)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Varianta s núdzovou jednotkou (3H)
Material
Teleso: oceľový plech
Šošovky: PMMA
Povrchová úprava
Teleso: biela RAL 9003 (W03)
Príslušenstvo
Komponenty pre systém PRESTIGE
Servisná životnosť
50,000 hodín/L80
Teplota okolia
Od -20 °C do +35 °C
(od 0°C s núdzovou jednotkou)

ES

Montaje
Suspendido o sobrepuesto
- específico para instalaciones continuas (MDS)
Fuente luminica
LED
Sistema óptico
Lentes profunda (LDE)
Cableado
Equipo de control electronico FIX/DALI (ECG/EDA)
Variante unidad de emergencia (3H)
Material
Cuerpo: lámina de acero
Lentes: PMMA
Tratamiento de la superficie
Cuerpo: blanco RAL 9003 (W03)
Accesorios
Componentes para PRESTIGE sistema
Vida útil
50,000 horas/L80
Temperatura ambiente
Desde -20 °C a +35 °C
(desde 0°C con unidad de emergencia)

IT

Installazione
Apparecchi illuminanti a sospensione o a plafone
- per installazioni in linea (MDS)
Sorgente luminosa
LED
Sistema ottico
Lenti profondo (LDE)
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Variante unità di emergenza (3H)
Materiali
Corpo: lamina d'acciaio
Lenti: PMMA
Finitura
Corpo: bianco RAL 9003 (W03)
Accessori
Componenti per il prestigio del sistema
Durata di vita
50,000 ore/L80
Temperatura d'ambiente
Da -20 °C a +35 °C
(da 0°C con unità di emergenza)

RU

Установка
Подвесная или потолочная накладная
- рассчитанная на долговременную установку (MDS)
Источник света
LED
Оптическая система
Глубокие Линзы (LDE)
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Блок аварийного освещения (3H)
Материал
Корпус: листовая сталь
Линзы: PMMA
Отделка поверхности
Корпус: белый RAL 9003 (W03)
Аксессуары
Компоненты для системы PRESTIGE
Срок службы
50,000 часов/L80
Температура окружающей среды
От -20 °C до +35 °C
(от 0°C с аварийного освещения)

PRESTIGE LED LSK DUO

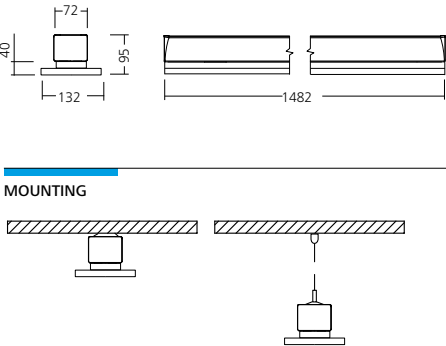
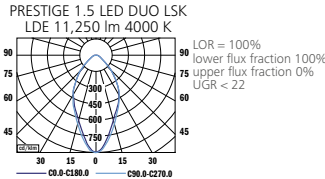
DEEP
LED

LED

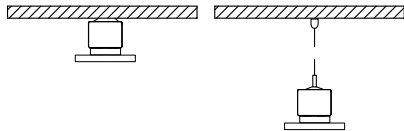
FASTRUNNER

Prestige LED LSK
Duo Deep

PHOTOMETRY

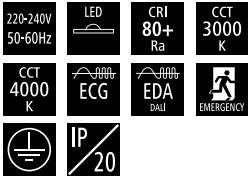


MOUNTING



TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMP- TION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE (C0-180, C90-270)	EMERGENCY UNIT 3H (lm)	WEIGHT (kg)
PRESTIGE 1.5 LED LSK DUO LDE ECG	10,700	73	147	80+	3000	54°, 57°	330	4.5
PRESTIGE 1.5 LED LSK DUO LDE ECG	11,250	73	154	80+	4000	54°, 57°	350	4.5
PRESTIGE 1.5 LED LSK DUO LDE EDA	16,000	112	143	80+	3000	54°, 57°	330	4.5
PRESTIGE 1.5 LED LSK DUO LDE EDA	16,900	112	151	80+	4000	54°, 57°	350	4.5

Luminous flux tolerance +/- 10 %.



EN

Mounting
Suspended or ceiling surfaced
- determined for continuous installation (MDS)
Light source
LED
Optical system
Deep lenses (LDE)
Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Emergency unit variant (3H)
Materials
Housing: sheet steel
Lenses: PMMA
Surface finish
Housing: white RAL 9003 (W03)
Accessories
Components for system PRESTIGE
Service lifetime
50,000 hours/L80
Ambient temperature
from -20°C to +35 °C
(from 0°C with EM unit)

DE

Montage
Hänge- oder Deckenleuchte
- mit Erweiterungsmöglichkeit (MDS)
Lichtquelle
LED
Optisches System
Tiefe Linsen (LDE)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Notbeleuchtung Variante (3H)
Material
Körper: Stahlblech
Linsen: PMMA
Oberflächenveredelung
Körper: weiss RAL 9003 (W03)
Zubehör
Komponenten für System PRESTIGE
Lebensdauer
50,000 Stunden/L80
Umgebungstemperatur
Von -20 °C bis +35 °C
(von 0°C mit Notbeleuchtung)

FR

Montage
Plafonnier suspendu ou apparent
- conçu pour une installation continue (MDS)
Source lumineuse
LED
Système optique
Profonde Lentilles (LDE)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Variante de l'unité de secours (3H)
Matériels
Corps: tôle d'acier
Lentilles: PMMA
Finition de surface
Corps: blanc RAL 9003 (W03)
Accessoires
Composants pour le PRESTIGE du système
Durée de vie utile
50,000 heures/L80
Température ambiante
De -20 °C à +35 °C
(de 0°C avec l'unité de secours)

SK

Montáž
Zavesné alebo prisadené
- predurčené na montáž do línii (MDS)
Svetelný zdroj
LED
Optický systém
Hĺboké šošovky (LDE)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Varianta s núdzovou jednotkou (3H)
Material
Teleso: oceľový plech
Šošovky: PMMA
Povrchová úprava
Teleso: biela RAL 9003 (W03)
Príslušenstvo
Komponenty pre systém PRESTIGE
Servisná životnosť
50,000 hodín/L80
Teplota okolia
Od -20 °C do +35 °C
(od 0°C s núdzovou jednotkou)

ES

Montaje
Suspendido o sobrepuesto
- específico para instalaciones continuas (MDS)
Fuente luminica
LED
Sistema óptico
Lentes profunda (LDE)
Cableado
Equipo de control electrónico FIX/DALI (ECG/EDA)
Variante unidad de emergencia (3H)
Material
Cuerpo: lámina de acero
Lentes: PMMA
Tratamiento de la superficie
Cuerpo: blanco RAL 9003 (W03)
Accesorios
Componentes para PRESTIGE sistema
Vida útil
50,000 horas/L80
Temperatura ambiente
Desde -20 °C a +35 °C
(desde 0°C con unidad de emergencia)

IT

Installazione
Apparecchi illuminanti a sospensione o a plafone
- per installazioni in linea (MDS)
Sorgente luminosa
LED
Sistema ottico
Lenti profondo (LDE)
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Variante unità di emergenza (3H)
Materiali
Corpo: lamina d'acciaio
Lenti: PMMA
Finitura
Corpo: bianco RAL 9003 (W03)
Accessori
Componenti per il prestigio del sistema
Durata di vita
50,000 ore/L80
Temperatura d'ambiente
Da -20 °C a +35 °C
(da 0°C con unità di emergenza)

RU

Установка
Подвесная или потолочная накладная
- рассчитанная на долговременную установку (MDS)
Источник света
LED
Оптическая система
Глубокие Линзы (LDE)
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Блок аварийного освещения (3H)
Материал
Корпус: листовая сталь
Линзы: PMMA
Отделка поверхности
Корпус: белый RAL 9003 (W03)
Аксессуары
Компоненты для системы PRESTIGE
Срок службы
50,000 часов/L80
Температура окружающей среды
От -20 °C до +35 °C
(от 0°C с аварийного освещения)

PRESTIGE LED LSK TRIO

DEEP
LED

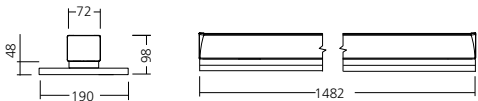
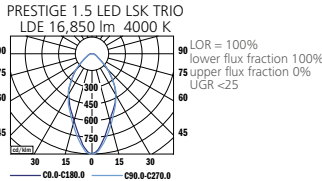
LED

FASTRUNNER

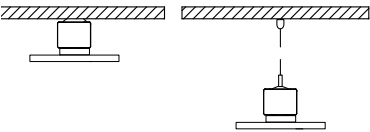


Prestige LED LSK
Trio Deep

PHOTOMETRY



MOUNTING



TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMP- TION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE (C0-180, C90-270)	EMERGENCY UNIT 3H (lm)	WEIGHT (kg)
PRESTIGE 1.5 LED LSK TRIO LDE ECG	16,400	115	143	80+	3000	54°, 57°	330	4.5
PRESTIGE 1.5 LED LSK TRIO LDE ECG	16,850	115	147	80+	4000	54°, 57°	350	4.5
PRESTIGE 1.5 LED LSK TRIO LDE EDA	16,400	113	145	80+	3000	54°, 57°	330	4.5
PRESTIGE 1.5 LED LSK TRIO LDE EDA	16,850	113	149	80+	4000	54°, 57°	350	4.5
PRESTIGE 1.5 LED LSK TRIO LDE ECG	24,250	176	138	80+	3000	54°, 57°	330	4.5
PRESTIGE 1.5 LED LSK TRIO LDE ECG	24,950	176	142	80+	4000	54°, 57°	350	4.5
PRESTIGE 1.5 LED LSK TRIO LDE EDA	24,250	177	137	80+	3000	54°, 57°	330	4.5
PRESTIGE 1.5 LED LSK TRIO LDE EDA	24,950	177	141	80+	4000	54°, 57°	350	4.5

Luminous flux tolerance +/- 10 %.



220-240V
50-60Hz

LED
CCT 4000 K

ECG
EDA
DALI

CRI 80+ Ra
CCT 3000 K

IP 20

EN

Mounting
Suspended or ceiling surfaced
- determined for continuous installation (MDS)
Light source
LED
Optical system
Deep lenses (LDE)
Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Materials
Housing: sheet steel
Lenses: PMMA
Surface finish
Housing: white RAL 9003 (W03)
Accessories
Components for system PRESTIGE
Service lifetime
50,000 hours/L80
Ambient temperature
from -20°C to +35 °C

DE

Montage
Hänge- oder Deckenleuchte
- mit Erweiterungsmöglichkeit (MDS)
Lichtquelle
LED
Optisches System
Tiefe Linsen (LDE)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Material
Körper: Stahlblech
Linsen: PMMA
Oberflächenveredelung
Körper: weiss RAL 9003 (W03)
Zubehör
Komponenten für System PRESTIGE
Lebensdauer
50,000 Stunden/L80
Umgebungstemperatur
Von -20 °C bis +35 °C

FR

Montage
Plafonnier suspendu ou apparent
- conçu pour une installation continue (MDS)
Source lumineuse
LED
Système optique
Profonde Lentilles (LDE)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Matériels
Corps: tôle d'acier
Lentilles: PMMA
Finition de surface
Corps: blanc RAL 9003 (W03)
Accessoires
Composants pour le PRESTIGE du système
Durée de vie utile
50,000 heures/L80
Température ambiante
De -20 °C à +35 °C

SK

Montáž
Zavesné alebo prisadené
- predurčené na montáž do línii (MDS)
Svetelný zdroj
LED
Optický systém
Hlboké šošovky (LDE)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Material
Teleso: oceľový plech
Šošovky: PMMA
Povrchová úprava
Teleso: biela RAL 9003 (W03)
Príslušenstvo
Komponenty pre systém PRESTIGE
Servisná životnosť
50,000 hodín/L80
Teplota okolia
Od -20 °C do +35 °C

ES

Montaje
Suspendido o sobrepuesto
- específico para instalaciones continuas (MDS)
Fuente luminica
LED
Sistema óptico
Lentes profunda (LDE)
Cableado
Equipo de control electrónico FIX/DALI (ECG/EDA)
Material
Cuerpo: lámina de acero
Lentes: PMMA
Tratamiento de la superficie
Cuerpo: blanco RAL 9003 (W03)
Accesorios
Componentes para PRESTIGE sistema
Vida útil
50,000 horas/L80
Temperatura ambiente
Desde -20 °C a +35 °C

IT

Installazione
Apparecchi illuminanti a sospensione o a plafone
- per installazioni in linea (MDS)
Sorgente luminosa
LED
Sistema ottico
Lenti profondo (LDE)
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Materiali
Corpo: lamina d'acciaio
Lenti: PMMA
Finitura
Corpo: bianco RAL 9003 (W03)
Accessori
Componenti per il prestigio del sistema
Durata di vita
50,000 ore/L80
Temperatura d'ambiente
Da -20 °C a +35 °C

RU

Установка
Подвесная или потолочная накладная
- рассчитанная на долговременную установку (MDS)
Источник света
LED
Оптическая система
Глубокие Линзы (LDE)
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Материал
Корпус: листовая сталь
Линзы: PMMA
Отделка поверхности
Корпус: белый RAL 9003 (W03)
Аксессуары
Компоненты для системы PRESTIGE
Срок службы
50,000 часов/L80
Температура окружающей среды
От -20 °C до +35 °C

PRESTIGE LED LSK

ASYMMETRIC
LED

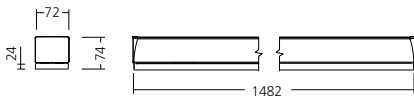
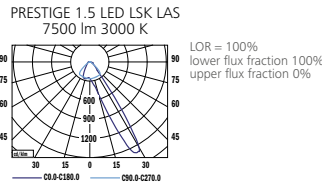
LED

FASTRUNNER

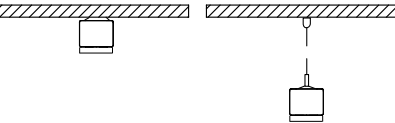


Prestige LED LSK
Asymmetric

PHOTOMETRY

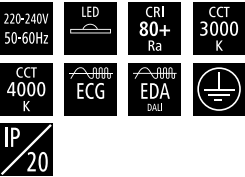


MOUNTING



TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CON- SUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE (C0-180, C90-270)	WEIGHT (kg)
PRESTIGE 1.5 LED LSK LAS	5550	37	150	80+	3000	asym	2.5
PRESTIGE 1.5 LED LSK LAS	5700	37	154	80+	4000	asym	2.5
PRESTIGE 1.5 LED LSK LAS	7500	56	134	80+	3000	asym	2.5
PRESTIGE 1.5 LED LSK LAS	7750	56	138	80+	4000	asym	2.5

Luminous flux tolerance +/- 10 %.



EN

Mounting
Suspended or ceiling surfaced
- determined for continuous installation (MDS)

Light source
LED

Optical system
Asymmetric lenses (LAS) - Right (R)/Left (L)

Wiring
Electronic control gear FIX/DALI (ECG/EDA)

Materials
Housing: sheet steel
Lenses: PMMA

Surface finish
Housing: white RAL 9003 (W03)

Accessories
Components for system PRESTIGE

Service lifetime
50,000 hours/L80

Ambient temperature
from -20°C to +35 °C

DE

Montage
Hänge- oder Deckenleuchte
- mit Erweiterungsmöglichkeit (MDS)

Lichtquelle
LED

Optisches System
Asymmetrischen Linsen (LAS) - Rechts (R)/Links (L)

Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)

Material
Körper: Stahlblech
Linsen: PMMA

Oberflächenveredelung
Körper: weiss RAL 9003 (W03)

Zubehör
Komponenten für System PRESTIGE

Lebensdauer
50,000 Stunden/L80

Umgebungstemperatur
Von -20 °C bis +35 °C

FR

Montage
Plafonnier suspendu ou apparent
- conçu pour une installation continue (MDS)

Source lumineuse
LED

Système optique
Lentilles asymétrique (LAS) - Droite (R)/Gauche (L)

Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)

Matériels
Corps: tôle d'acier
Lentilles: PMMA

Finition de surface
Corps: blanc RAL 9003 (W03)

Accessoires
Composants pour le PRESTIGE du système

Durée de vie utile
50,000 heures/L80

Température ambiante
De -20 °C à +35 °C

SK

Montáž
Závesné alebo prisadené
- predurčené na montáž do línii (MDS)

Svetelný zdroj
LED

Optický systém
Asymetrické šošovky (LAS) - Pravé (R)/Ľavé

Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)

Material
Teleso: oceľový plech
Šošovky: PMMA

Povrchová úprava
Teleso: biela RAL 9003 (W03)

Príslušenstvo
Komponenty pre systém PRESTIGE

Servisná životnosť
50,000 hodín/L80

Teplota okolia
Od -20 °C do +35 °C

ES

Montaje
Suspendido o sobrepuesto
- específico para instalaciones continuas (MDS)

Fuente luminica
LED

Sistema óptico
Lentes asimétrico mate (LAS) - Derecha (R)/Izquierda (L)

Cableado
Equipo de control electrónico FIX/DALI (ECG/EDA)

Material
Cuerpo: lámina de acero
Lentes: PMMA

Tratamiento de la superficie
Cuerpo: blanco RAL 9003 (W03)

Accesorios
Componentes para PRESTIGE sistema

Vida útil
50,000 horas/L80

Temperatura ambiente
Desde -20 °C a +35 °C

IT

Installazione
Apparecchi illuminanti a sospensione o a plafone
- per installazioni in linea (MDS)

Sorgente luminosa
LED

Sistema ottico
Lenti asimmetriche (LAS) - Destra (R)/Sinistra (L)

Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)

Materiali
Corpo: lamina d'acciaio
Lenti: PMMA

Finitura
Corpo: bianco RAL 9003 (W03)

Accessori
Componenti per il prestigio del sistema

Durata di vita
50,000 ore/L80

Temperatura d'ambiente
Da -20 °C a +35 °C

RU

Установка
Подвесная или потолочная накладная
- рассчитанная на долговременную установку (MDS)

Источник света
LED

Оптическая система
Асимметричные линзы (LAS) - Вправо (R)/Влево (L)

Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)

Материал
Корпус: листовая сталь
Линзы: PMMA

Отделка поверхности
Корпус: белый RAL 9003 (W03)

Аксессуары
Компоненты для системы PRESTIGE

Срок службы
50,000 часов/L80

Температура окружающей среды
От -20 °C до +35 °C

PRESTIGE LED LSK
DOUBLE ASYMMETRIC
LED

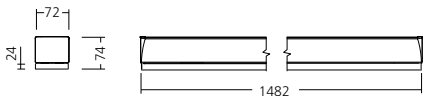
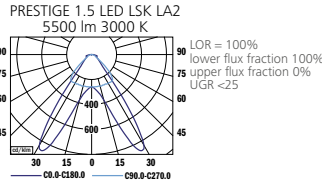
LED

FASTRUNNER

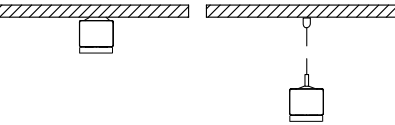


Prestige LED LSK
Double Asymmetric

PHOTOMETRY

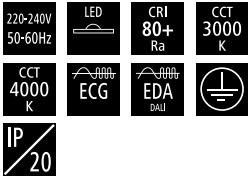


MOUNTING



TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CON-SUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE (C0-180, C90-270)	WEIGHT (kg)
PRESTIGE 1.5 LED LSK LA2	5500	37	150	80+	3000	72°, 99°	2.5
PRESTIGE 1.5 LED LSK LA2	5700	37	154	80+	4000	72°, 99°	2.5
PRESTIGE 1.5 LED LSK LA2	7500	56	134	80+	3000	72°, 99°	2.5
PRESTIGE 1.5 LED LSK LA2	7750	56	138	80+	4000	72°, 99°	2.5

Luminous flux tolerance +/- 10 %.



EN

Mounting
Suspended or ceiling surfaced
- determined for continuous installation (MDS)

Light source
LED

Optical system
Double asymmetric lenses (LA2)

Wiring
Electronic control gear FIX/DALI (ECG/EDA)

Materials
Housing: sheet steel
Lenses: PMMA

Surface finish
Housing: white RAL 9003 (W03)

Accessories
Components for system PRESTIGE

Service lifetime
50,000 hours/L80

Ambient temperature
from -20°C to +35 °C

DE

Montage
Hänge- oder Deckenleuchte
- mit Erweiterungsmöglichkeit (MDS)

Lichtquelle
LED

Optisches System
Doppel-asymmetrische Linsen (LA2)

Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)

Material
Körper: Stahlblech
Linsen: PMMA

Oberflächenveredelung
Körper: weiss RAL 9003 (W03)

Zubehör
Komponenten für System PRESTIGE

Lebensdauer
50,000 Stunden/L80

Umgebungstemperatur
Von -20 °C bis +35 °C

FR

Montage
Plafonnier suspendu ou apparent
- conçu pour une installation continue (MDS)

Source lumineuse
LED

Système optique
Lentilles double asymétrique (LA2)

Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)

Matériels
Corps: tôle d'acier
Lentilles: PMMA

Finition de surface
Corps: blanc RAL 9003 (W03)

Accessoires
Composants pour le PRESTIGE du système

Durée de vie utile
50,000 heures/L80

Température ambiante
De -20 °C à +35 °C

SK

Montáž
Závesné alebo prisadené
- predurčené na montáž do línii (MDS)

Svetelný zdroj
LED

Optický systém
Dvojité asymetrické šošovky (LA2)

Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)

Material
Teleso: oceľový plech
Šošovky: PMMA

Povrchová úprava
Teleso: biela RAL 9003 (W03)

Príslušenstvo
Komponenty pre systém PRESTIGE

Servisná životnosť
50,000 hodín/L80

Teplota okolia
Od -20 °C do +35 °C

ES

Montaje
Suspendido o sobrepuesto
- específico para instalaciones continuas (MDS)

Fuente luminica
LED

Sistema óptico
Lentes asimétrico doble (LA2)

Cableado
Equipo de control electrónico FIX/DALI (ECG/EDA)

Material
Cuerpo: lámina de acero
Lentes: PMMA

Tratamiento de la superficie
Cuerpo: blanco RAL 9003 (W03)

Accesorios
Componentes para PRESTIGE sistema

Vida útil
50,000 horas/L80

Temperatura ambiente
Desde -20 °C a +35 °C

IT

Installazione
Apparecchi illuminanti a sospensione o a plafone
- per installazioni in linea (MDS)

Sorgente luminosa
LED

Sistema ottico
Lenti doppio asimmetriche (LA2)

Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)

Materiali
Corpo: lamina d'acciaio
Lenti: PMMA

Finitura
Corpo: bianco RAL 9003 (W03)

Accessori
Componenti per il prestigio del sistema

Durata di vita
50,000 ore/L80

Temperatura d'ambiente
Da -20 °C a +35 °C

RU

Установка
Подвесная или потолочная накладная
- рассчитанная на долговременную установку (MDS)

Источник света
LED

Оптическая система
Двухместный асимметричный (LA2)

Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)

Материал
Корпус: листовая сталь
Линзы: PMMA

Отделка поверхности
Корпус: белый RAL 9003 (W03)

Аксессуары
Компоненты для системы PRESTIGE

Срок службы
50,000 часов/L80

Температура окружающей среды
От -20 °C до +35 °C



Prestige LED II

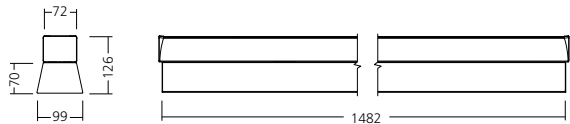
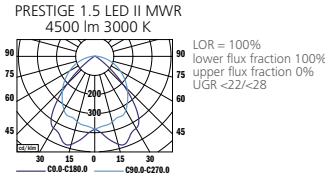
PRESTIGE LED II

MEDIUM WIDE
LED

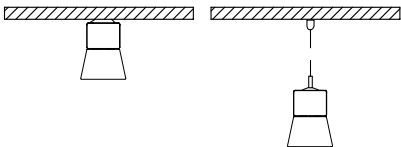


Prestige LED II
Medium Wide

PHOTOMETRY



MOUNTING



TYPE	NET LUMEN OUTPUT (AT TA = 25 °C) (lm)	POWER CONSUMP- TION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE (C0-180, C90-270)	EMERGENCY UNIT 3H (lm)	WEIGHT (kg)
PRESTIGE 1.5 LED II MWR	4500	40	113	80+	3000	87°, 111°	230	3.9
PRESTIGE 1.5 LED II MWR	4750	40	119	80+	4000	87°, 111°	240	3.9
PRESTIGE 1.5 LED II MWR	6450	59	109	80+	3000	87°, 111°	230	3.9
PRESTIGE 1.5 LED II MWR	6800	59	115	80+	4000	87°, 111°	240	3.9
PRESTIGE 1.5 LED II MWR TRD	4250	40	106	80+	3000	87°, 111°	210	3.9
PRESTIGE 1.5 LED II MWR TRD	4500	40	113	80+	4000	87°, 111°	220	3.9
PRESTIGE 1.5 LED II MWR TRD	6100	59	103	80+	3000	87°, 111°	210	3.9
PRESTIGE 1.5 LED II MWR TRD	6450	59	109	80+	4000	87°, 111°	220	3.9

Luminous flux tolerance +/- 10%.

WITH COVER

EN

Mounting
Suspended or ceiling surfaced
- determined for continuous installation (MDS)

Light source
LED

Optical system
Medium wide reflector (MWR)

Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Emergency unit variant (3H)

Materials
Housing: sheet steel
Reflector: polished anodised aluminium
Cover: transparent PMMA

Surface finish
Housing: white RAL 9003 (W03)

Accessories
Components for system PRESTIGE

Service lifetime
50,000 hours/L80

Ambient temperature
From -25 °C to +35 °C
from 0°C with EM unit)

DE

Montage
Hänge- oder Deckenleuchte
- mit Erweiterungsmöglichkeit (MDS)

Lichtquelle
LED

Optisches System
Medium-large Reflektor (MWR)

Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Notbeleuchtung Variante (3H)

Material
Körper: Stahlblech
Reflektor: poliertes eloxiertes Aluminium
Abdeckung: durchsichtiger PMMA

Oberflächenveredelung
Körper: weiss RAL 9003 (W03)

Zubehör
Komponenten für System PRESTIGE

Lebensdauer
50,000 Stunden/L80

Umgebungstemperatur
Von -25 °C bis +35 °C
(von 0°C mit Notbeleuchtung)

FR

Montage
Plafonnier suspendu ou apparent
- conçu pour une installation continue (MDS)

Source lumineuse
LED

Système optique
Medium-large réflecteur (MWR)

Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Variante de l'unité de secours (3H)

Matériels
Corps: tôle d'acier
Réflecteur: aluminium poli anodisé
Couvercle: PMMA transparente

Finition de surface
Corps: blanc RAL 9003 (W03)

Accessoires
Composants pour le PRESTIGE du système

Durée de vie utile
50,000 heures/L80

Température ambiante
De -25 °C à +35 °C
(de 0°C avec l'unité de secours)

SK

Montáž
Zavesné alebo prisadené
- predurčené na montáž do línií (MDS)

Svetelný zdroj
LED

Optický systém
Stredne široký reflektor (MWR)

Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Varianta s núdzovou jednotkou (3H)

Material
Teleso: oceľový plech
Reflektor: lesklý anodizovaný hliník
Kryt: transparentný PMMA

Povrchová úprava
Teleso: biela RAL 9003 (W03)

Príslušenstvo
Komponenty pre systém PRESTIGE

Servisná životnosť
50,000 hodín/L80

Teplota okolia
Od -25 °C do +35 °C
(od 0°C s núdzovou jednotkou)

ES

Montaje
Suspendido o sobrepuesto
- específico para instalaciones continuas (MDS)

Fuente luminica
LED

Sistema óptico
Reflector de anchura media (MWR)

Cableado
Equipo de control electrónico FIX/DALI (ECG/EDA)
Variante unidad de emergencia (3H)

Material
Cuerpo: lámina de acero
Reflector: aluminio pulido anodizado
Cubierta: PMMA transparente

Tratamiento de la superficie
Cuerpo: blanco RAL 9003 (W03)

Accesorios
Componentes para PRESTIGE sistema

Vida útil
50,000 horas/L80

Temperatura ambiente
Desde -25 °C a +35 °C
(desde 0°C con unidad de emergencia)

IT

Installazione
Apparecchi illuminanti a sospensione o a plafone
- per installazioni in linea (MDS)

Sorgente luminosa
LED

Sistema ottico
Riflettore a livello medio (MWR)

Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Variante unità di emergenza (3H)

Materiali
Corpo: lamina d'acciaio
Riflettore: alluminio lucido anodizzato
Copertura: PMMA trasparente

Finitura
Corpo: bianco RAL 9003 (W03)

Accessori
Componenti per il prestigio del sistema

Durata di vita
50,000 ore/L80

Temperatura d'ambiente
Da -25 °C a +35 °C
(da 0°C con unita di emergenza)

RU

Установка
Подвесная или потолочная накладная
- рассчитанная на долговременную установку (MDS)

Источник света
LED

Оптическая система
Средней ширины отражатель (MWR)

Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Блок аварийного освещения (3H)

Материал
Корпус: листовая сталь
Отражатель: анодированный шлифованный алюминий
Крышка: чистая полиметилметакрилат

Отделка поверхности
Корпус: белый RAL 9003 (W03)

Аксессуары
Компоненты для системы PRESTIGE

Срок службы
50,000 часов/L80

Температура окружающей среды
От -25 °C до +35 °C
(от 0°C с аварийного освещения)

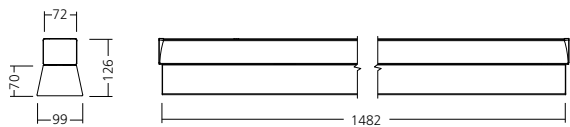
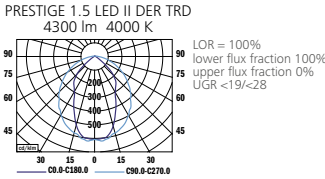
PRESTIGE LED II

DEEP
LED

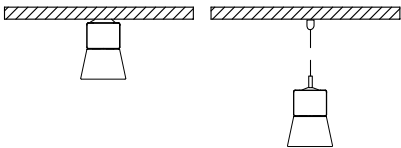


Prestige LED II
Deep

PHOTOMETRY



MOUNTING



TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE (C0-180, C90-270)	EMERGENCY UNIT 3H (lm)	WEIGHT (kg)
PRESTIGE 1.5 LED II DER	4300	40	108	80+	3000	62°, 100°	220	3.9
PRESTIGE 1.5 LED II DER	4550	40	114	80+	4000	62°, 100°	230	3.9
PRESTIGE 1.5 LED II DER	6200	59	105	80+	3000	62°, 100°	220	3.9
PRESTIGE 1.5 LED II DER	6500	59	110	80+	4000	62°, 100°	230	3.9
PRESTIGE 1.5 LED II DER TRD	4100	40	103	80+	3000	62°, 100°	200	3.9
PRESTIGE 1.5 LED II DER TRD	4300	40	108	80+	4000	62°, 100°	210	3.9
PRESTIGE 1.5 LED II DER TRD	5900	59	100	80+	3000	62°, 100°	200	3.9
PRESTIGE 1.5 LED II DER TRD	6150	59	104	80+	4000	62°, 100°	210	3.9

Luminous flux tolerance +/- 10%.

EN

Mounting
Suspended or ceiling surfaced
- determined for continuous installation (MDS)

Light source
LED

Optical system
Deep reflector (DER)

Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Emergency unit variant (3H)

Materials
Housing: sheet steel
Reflector: polished anodised aluminium
Cover: transparent PMMA

Surface finish
Housing: white RAL 9003 (W03)

Accessories
Components for system PRESTIGE

Service lifetime
50,000 hours/L80

Ambient temperature
From -25 °C to +35 °C
from 0°C with EM unit)

DE

Montage
Hänge- oder Deckenleuchte
- mit Erweiterungsmöglichkeit (MDS)

Lichtquelle
LED

Optisches System
Tiefe Reflektor (DER)

Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Notbeleuchtung Variante (3H)

Material
Körper: Stahlblech
Reflektor: poliertes eloxiertes Aluminium
Abdeckung: durchsichtiger PMMA

Oberflächenveredelung
Körper: weiss RAL 9003 (W03)

Zubehör
Komponenten für System PRESTIGE

Lebensdauer
50,000 Stunden/L80

Umgebungstemperatur
Von -25 °C bis +35 °C
(von 0°C mit Notbeleuchtung)

FR

Montage
Plafonnier suspendu ou apparent
- conçu pour une installation continue (MDS)

Source lumineuse
LED

Système optique
Réflecteur profonde (DER)

Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Variante de l'unité de secours (3H)

Matériels
Corps: tôle d'acier
Réflecteur: aluminium poli anodisé
Couvercle: PMMA transparente

Finition de surface
Corps: blanc RAL 9003 (W03)

Accessoires
Composants pour le PRESTIGE du système

Durée de vie utile
50,000 heures/L80

Température ambiante
De -25 °C à +35 °C
(de 0°C avec l'unité de secours)

SK

Montáž
Závěsné alebo prisadené
- predurčené na montáž do línii (MDS)

Svetelný zdroj
LED

Optický systém
hlboký reflektor (DER)

Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Varianta s núdzovou jednotkou (3H)

Material
Teleso: oceľový plech
Reflektor: lesklý anodizovaný hliník
Kryt: transparentný PMMA

Povrchová úprava
Teleso: biela RAL 9003 (W03)

Príslušenstvo
Komponenty pre systém PRESTIGE

Servisná životnosť
50,000 hodín/L80

Teplota okolia
Od -25 °C do +35 °C
(od 0°C s núdzovou jednotkou)

ES

Montaje
Suspendido o sobrepuesto
- específico para instalaciones continuas (MDS)

Fuente luminica
LED

Sistema óptico
Reflector profunda (DER)

Cableado
Equipo de control electronico FIX/DALI (ECG/EDA)
Variante unidad de emergencia (3H)

Material
Cuerpo: lámina de acero
Reflector: aluminio pulido anodizado
Cubierta: PMMA transparente

Tratamiento de la superficie
Cuerpo: blanco RAL 9003 (W03)

Accesorios
Componentes para PRESTIGE sistema

Vida útil
50,000 horas/L80

Temperatura ambiente
Desde -25 °C a +35 °C
(desde 0°C con unidad de emergencia)

IT

Installazione
Apparecchi illuminanti a sospensione o a plafone
- per installazioni in linea (MDS)

Sorgente luminosa
LED

Sistema ottico
Riflettore profondo (DER)

Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Variante unità di emergenza (3H)

Materiali
Corpo: lamina d'acciaio
Riflettore: alluminio lucido anodizzato
Copertura: PMMA trasparente

Finitura
Corpo: bianco RAL 9003 (W03)

Accessori
Componenti per il prestigio del sistema

Durata di vita
50,000 ore/L80

Temperatura d'ambiente
Da -25 °C a +35 °C
(da 0°C con unita di emergenza)

RU

Установка
Подвесная или потолочная накладная
- рассчитанная на долговременную установку (MDS)

Источник света
LED

Оптическая система
Глубокий отражатель (DER)

Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Блок аварийного освещения (3H)

Материал
Корпус: листовая сталь
Отражатель: анодированный шлифованный алюминий
Крышка: чистая полиметилметакрилат

Отделка поверхности
Корпус: белый RAL 9003 (W03)

Аксессуары
Компоненты для системы PRESTIGE

Срок службы
50,000 часов/L80

Температура окружающей среды
От -25 °C до +35 °C
(от 0°C с аварийного освещения)

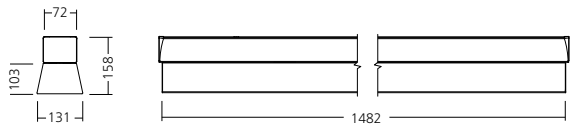
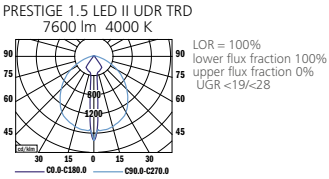
PRESTIGE LED II

ULTRA DEEP
LED

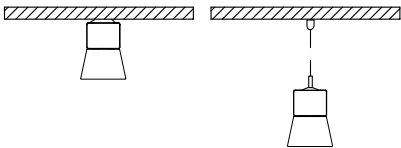


Prestige LED II
Ultra Deep

PHOTOMETRY



MOUNTING

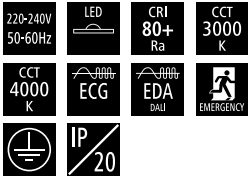


WITH COVER

EMERGENCY

TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE (C0-180, C90-270)	EMERGENCY UNIT 3H (lm)	WEIGHT (kg)
PRESTIGE 1.5 LED II UDR	4450	36	124	80+	3000	10°, 96°	460	4.2
PRESTIGE 1.5 LED II UDR	4700	36	131	80+	4000	10°, 96°	480	4.2
PRESTIGE 1.5 LED II UDR	7400	60	123	80+	3000	10°, 96°	460	4.2
PRESTIGE 1.5 LED II UDR	7800	60	130	80+	4000	10°, 96°	480	4.2
PRESTIGE 1.5 LED II UDR TRD	4300	36	119	80+	3000	10°, 96°	440	4.5
PRESTIGE 1.5 LED II UDR TRD	4550	36	126	80+	4000	10°, 96°	460	4.5
PRESTIGE 1.5 LED II UDR TRD	7250	60	121	80+	3000	10°, 96°	440	4.5
PRESTIGE 1.5 LED II UDR TRD	7600	60	127	80+	4000	10°, 96°	460	4.5

Luminous flux tolerance +/- 10%.

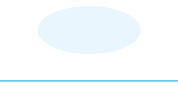
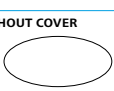
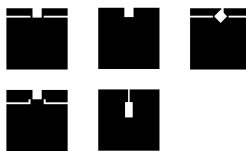
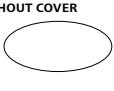
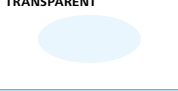
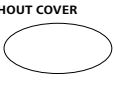
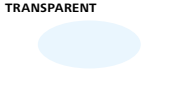
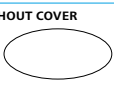
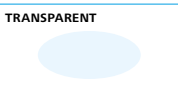


EN Mounting Suspended or ceiling surfaced - determined for continuous installation (MDS) Light source LED Optical system Ultra deep reflector (UDR) Wiring Electronic control gear FIX/DALI (ECG/EDA) Emergency unit variant (3H) Materials Housing: sheet steel Reflector: polished anodised aluminium Cover: transparent PMMA Surface finish Housing: white RAL 9003 (W03) Accessories Components for system PRESTIGE Service lifetime 50,000 hours/L80 Ambient temperature From -25 °C to +35 °C from 0°C with EM unit)	DE Montage Hänge- oder Deckenleuchte - mit Erweiterungsmöglichkeit (MDS) Lichtquelle LED Optisches System Ultra Tiefe Reflektor (UDR) Vorschaltgerät Elektronisches vorschaltgerät FIX/DALI (ECG/EDA) Notbeleuchtung variante (3H) Material Körper: Stahlblech Reflektor: poliertes eloxiertes Aluminium Abdeckung: durchsichtiger PMMA Oberflächenveredelung Körper: weiss RAL 9003 (W03) Zubehör Komponenten für System PRESTIGE Lebensdauer 50,000 Stunden/L80 Umgebungstemperatur Von -25 °C bis +35 °C (von 0°C mit Notbeleuchtung)	FR Montage Plafonnier suspendu ou apparent - conçu pour une installation continue (MDS) Source lumineuse LED Système optique Ultra réflecteur profonde (UDR) Équipement électrique Ballast électronique FIX/DALI (ECG/EDA) Variante de l'unité de secours (3H) Matériels Corps: tôle d'acier Réflecteur: aluminium poli anodisé Couvercle: PMMA transparente Finition de surface Corps: blanc RAL 9003 (W03) Accessoires Composants pour le PRESTIGE du système Durée de vie utile 50,000 heures/L80 Température ambiante De -25 °C à +35 °C (de 0°C avec l'unité de secours)	SK Montáž Zavesné alebo prisadené - predurčené na montáž do línii (MDS) Svetelný zdroj LED Optický systém Ultra hlboký reflektor (UDR) Elektrická výbava Elektronický predradník FIX/DALI (ECG/EDA) Varianta s núdzovou jednotkou (3H) Material Teleso: oceľový plech Reflektor: lesklý anodizovaný hliník Kryt: transparentný PMMA Povrchová úprava Teleso: biela RAL 9003 (W03) Príslušenstvo Komponenty pre systém PRESTIGE Servisná životnosť 50,000 hodín/L80 Teplota okolia Od -25 °C do +35 °C (od 0°C s núdzovou jednotkou)	ES Montaje Suspendido o sobrepuesto - específico para instalaciones continuas (MDS) Fuente luminica LED Sistema óptico Ultra reflector profunda (UDR) Cableado Equipo de control electronico FIX/DALI (ECG/EDA) Variante unidad de emergencia (3H) Material Cuerpo: lámina de acero Reflector: aluminio pulido anodizado Cubierta: PMMA transparente Tratamiento de la superficie Cuerpo: blanco RAL 9003 (W03) Accesorios Componentes para PRESTIGE sistema Vida útil 50,000 horas/L80 Temperatura ambiente Desde -25 °C a +35 °C (desde 0°C con unidad de emergencia)	IT Installazione Apparecchi illuminanti a sospensione o a plafone - per installazioni in linea (MDS) Sorgente luminosa LED Sistema ottico Ultra riflettore profondo (UDR) Cablaggio Ballast elettronico FIX/DALI (ECG/EDA) Variante unità di emergenza (3H) Materiali Corpo: lamina d'acciaio Riflettore: alluminio lucido anodizzato Copertura: PMMA trasparente Finitura Corpo: bianco RAL 9003 (W03) Accessori Componenti per il prestigio del sistema Durata di vita 50,000 ore/L80 Temperatura d'ambiente Da -25 °C a +35 °C (da 0°C con unita di emergenza)	RU Установка Подвесная или потолочная накладная - рассчитанная на долговременную установку (MDS) Источник света LED Оптическая система Глубокий отражатель (UDR) Электрическое оснащение Электронный аппарат FIX/DALI (ECG/EDA) Блок аварийного освещения (3H) Материал Корпус: листовая сталь Отражатель: анодированный шлифованный алюминий Крышка: чистая полиметилметакрилат Отделка поверхности Корпус: белый RAL 9003 (W03) Аксессуары Компоненты для системы PRESTIGE Срок службы 50,000 часов/L80 Температура окружающей среды От -25 °C до +35 °C (от 0°C с аварийного освещения)
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Prettus

PRETTUS
SPECIFICATION MATRIX

	Application	Light distribution	Reflector	Cover	IP	STANDARD				ON REQUEST	
						CRI	CCT	ECG	Emergency unit	CRI	CCT
PRETTUS XS 			POLISHED (PRE) 	OPAL 	IP 54	CRI 80+ Ra	CCT 3000 K	ECG 		CRI 90+ Ra	CCT 5000 K
			MATT (MRE) 	TRANSPARENT 	IP 54		CCT 4000 K	ECG DALI 			CCT 6500 K
			WHITE ANODISED (WRE) 	WITHOUT COVER 	IP 40						CCT 2700 K
PRETTUS S 	 2016		POLISHED (PRE) 	OPAL 	IP 54	CRI 80+ Ra	CCT 3000 K	ECG 	 EMERGENCY ONLY FOR RECESSED AND SYMMETRIC	CRI 90+ Ra	CCT 5000 K
			MATT (MRE) 	TRANSPARENT 	IP 54		CCT 4000 K	ECG DALI 			CCT 6500 K
			POLISHED ASYM 	WITHOUT COVER 	IP 40						CCT 2700 K
			WHITE ANODISED (WRE) 								
PRETTUS M 	 2016		POLISHED (PRE) 	OPAL 	IP 54	CRI 80+ Ra	CCT 3000 K	ECG 	 EMERGENCY ONLY FOR RECESSED AND SYMMETRIC	CRI 90+ Ra	CCT 5000 K
			MATT (MRE) 	TRANSPARENT 	IP 54		CCT 4000 K	ECG DALI 			CCT 6500 K
			POLISHED ASYM 	WITHOUT COVER 	IP 40						CCT 2700 K
			WHITE ANODISED (WRE) 								
PRETTUS L 			POLISHED (PRE) 	OPAL 	IP 54	CRI 80+ Ra	CCT 3000 K	ECG 	 EMERGENCY ONLY FOR RECESSED AND SYMMETRIC	CRI 90+ Ra	CCT 5000 K
			MATT (MRE) 	TRANSPARENT 	IP 54		CCT 4000 K	ECG DALI 			CCT 6500 K
			POLISHED ASYM 	WITHOUT COVER 	IP 40						CCT 2700 K
			WHITE ANODISED (WRE) 								
PRETTUS XTP 			POLISHED (PRE) 	OPAL 	IP 65	CRI 80+ Ra	CCT 3000 K	ECG 	 EMERGENCY	CRI 90+ Ra	CCT 5000 K
			MATT (MRE) 	TRANSPARENT 	IP 65		CCT 4000 K	ECG DALI 			CCT 6500 K
			WHITE ANODISED (WRE) 								CCT 2700 K

PRETTUS
VARIANT

IP
40

ONLY FOR
SURFACED
SUSPENDED

IP
20

IP
54

ONLY FOR
SURFACED
SUSPENDED

IP
20

IP
54

IP
40

IP
54

IP
40

IP
54



PRETTUS XS



POLISHED REFLECTOR (PRE)



POLISHED REFLECTOR AND
TRANSPARENT COVER (PRT)



POLISHED REFLECTOR AND
OPAL COVER (PRO)



MATT REFLECTOR (MRE)



MATT REFLECTOR AND
TRANSPARENT COVER (MRT)



WHITE ANODISED REFLECTOR (WRE)



WHITE ANODISED REFLECTOR AND
TRANSPARENT COVER (WRT)



PRETTUS S



POLISHED REFLECTOR (PRE)



POLISHED REFLECTOR AND
TRANSPARENT COVER (PRT)



POLISHED REFLECTOR AND
OPAL COVER (PRO)



POLISHED REFLECTOR (PRE)



POLISHED REFLECTOR AND
TRANSPARENT COVER (PRT)



POLISHED REFLECTOR AND
OPAL COVER (PRO)



POLISHED REFLECTOR AND
TRANSPARENT COVER (PRT)



POLISHED REFLECTOR AND
OPAL COVER (PRO)



MATT REFLECTOR (MRE)



MATT REFLECTOR AND
TRANSPARENT COVER (MRT)



WHITE ANODISED REFLECTOR (WRE)



WHITE ANODISED REFLECTOR AND
TRANSPARENT COVER (WRT)



MATT REFLECTOR (MRE)



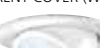
MATT REFLECTOR AND
TRANSPARENT COVER (MRT)



WHITE ANODISED REFLECTOR (WRE)



WHITE ANODISED REFLECTOR AND
TRANSPARENT COVER (WRT)



PRETTUS M



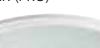
POLISHED REFLECTOR (PRE)



POLISHED REFLECTOR AND
TRANSPARENT COVER (PRT)



POLISHED REFLECTOR AND
OPAL COVER (PRO)



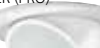
POLISHED REFLECTOR (PRE)



POLISHED REFLECTOR AND
TRANSPARENT COVER (PRT)



POLISHED REFLECTOR AND
OPAL COVER (PRO)



MATT REFLECTOR (MRE)



MATT REFLECTOR AND
TRANSPARENT COVER (MRT)



WHITE ANODISED REFLECTOR (WRE)



WHITE ANODISED REFLECTOR AND
TRANSPARENT COVER (WRT)



MATT REFLECTOR (MRE)



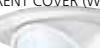
MATT REFLECTOR AND
TRANSPARENT COVER (MRT)



WHITE ANODISED REFLECTOR (WRE)



WHITE ANODISED REFLECTOR AND
TRANSPARENT COVER (WRT)



PRETTUS L



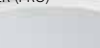
POLISHED REFLECTOR (PRE)



POLISHED REFLECTOR AND
TRANSPARENT COVER (PRT)



POLISHED REFLECTOR AND
OPAL COVER (PRO)



MATT REFLECTOR (MRE)



MATT REFLECTOR AND
TRANSPARENT COVER (MRT)



WHITE ANODISED REFLECTOR (WRE)



WHITE ANODISED REFLECTOR AND
TRANSPARENT COVER (WRT)



PRETTUS XTP



POLISHED REFLECTOR AND
TRANSPARENT COVER (PRT)



POLISHED REFLECTOR AND
OPAL COVER (PRO)



MATT REFLECTOR AND
TRANSPARENT COVER (MRT)



WHITE ANODISED REFLECTOR AND
TRANSPARENT COVER (WRT)



PRETTUS S / M / L
TRIMLESS

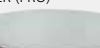
POLISHED REFLECTOR (PRE)



POLISHED REFLECTOR AND
TRANSPARENT COVER (PRT)



POLISHED REFLECTOR AND
OPAL COVER (PRO)



MATT REFLECTOR (MRE)



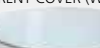
MATT REFLECTOR AND
TRANSPARENT COVER (MRT)



WHITE ANODISED REFLECTOR (WRE)



WHITE ANODISED REFLECTOR AND
TRANSPARENT COVER (WRT)



PRETTUS
S / M / L ASYM



POLISHED REFLECTOR AND
TRANSPARENT COVER (APT)



MATT REFLECTOR AND
TRANSPARENT COVER (AMT)



DOWNLIGHTS



Prettus XS



220-240V
50-60Hz

LED

CRI
80+
Ra

CCT
3000
K

CCT
4000
K

ECG

EDA
DALI

IP
20

IP
40

IP
54

EN

Mounting

Ceiling recessed

Light source

LED

Optical system

Polished reflector (PRE)

Polished reflector + transparent cover (PRT)

Polished reflector + opal cover (PRO)

On request:

Matt/White reflector

Wiring

Electronic control gear FIX/DALI (ECG/EDA)

Materials

Housing: sheet steel

Diffuser: microprismatic PMMA

Trim: die-cast aluminium

Reflector: polished anodised aluminium

Cover: transparent/opal PMMA

Surface finish

Trim: white RAL 9003 (W03)

Service lifetime

50,000 hours/L80

Ambient temperature

From -20 °C to +35 °C

DE

Montage

Einbauleuchte

Lichtquelle

LED

Optisches System

Polierter Reflektor (PRE)

Polierter Reflektor + durchsichtige Abdeckung (PRT)

Polierter Reflektor + opale Abdeckung (PRO)

Auf Anfrage

Matter/Weisser Reflektor

Vorschaltgerät

Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)

Material

Körper: Stahlblech

Diffusor: mikrop Prismatisches PMMA

Einfassung: Aluminiumdruckguss

Reflektor: poliertes eloxiertes Aluminium

Abdeckung: durchsichtiger/opaler PMMA

Oberflächenveredelung

Einfassung: weiss RAL 9003 (W03)

Lebensdauer

50,000 Stunden/L80

Umgebungstemperatur

Von -20 °C bis +35 °C

FR

Montage

Plafonnier encastrable

Source lumineuse

LED

Système optique

Réflecteur poli (PRE)

Réflecteur poli + couvercle transparente (PRT)

Réflecteur poli + couvercle opale (PRO)

Sur demande

Réflecteur mat/blanc

Matný/Bielý reflektor

Elektrická výbava

Elektronický predradník FIX/DALI (ECG/EDA)

Matériel

Corps: tôle d'acier

Diffuseur: PMMA microprismatique

Moulure: aluminium moulé sous pression

Réflecteur: aluminium anodisé poli

Couvercle: PMMA transparente/opale

Finition de surface

Moulure: blanc RAL 9003 (W03)

Durée de vie utile

50,000 heures/L80

Température ambiante

De -20 °C à +35 °C

SK

Montáž

Vsadené

Svetelný zdroj

LED

Optický systém

Leštený reflektor (PRE)

Leštený reflektor + transparentný kryt (PRT)

Leštený reflektor + opálový kryt (PRO)

Na požiadanie

Matný/Bielý reflektor

Elektrická výbava

Elektronický predradník FIX/DALI (ECG/EDA)

Material

Teleso: oceľový plech

Difúzor: mikrop Prismatický PMMA

Obruč: hliníkový odliatok

Reflektor: leštený anodizovaný hliník

Kryt: transparentný/opálový PMMA

Povrchová úprava

Obruč: biela RAL 9003 (W03)

Servisná životnosť

50,000 hodín/L80

Teplota okolia

Od -20 °C do +35 °C

ES

Montaje

Empotradas en el techo

Fuente luminica

LED

Sistema óptico

Reflector pulido (PRE)

Reflector pulido + cubierta transparente (PRT)

Reflector pulido + cubierta ópala (PRO)

A petición

Reflector mate/blanco

Cableado

Equipo de control electrónico FIX/DALI (ECG/EDA)

Material

Cuerpo: lámina de acero

Difusor: microprismático PMMA

Reborde: aluminio presofundido

Reflector: aluminio anodizado pulido

Cubierta: PMMA transparente/ópalo

Tratamiento de la superficie

Reborde: blanco RAL 9003 (W03)

Vida útil

50,000 horas/L80

Temperatura ambiente

Desde -20 °C a +35 °C

IT

Installazione

Ad incasso a soffitto

Sorgente luminosa

LED

Sistema ottico

Riflettore lucido (PRE)

Riflettore lucido + copertura trasparente (PRT)

Riflettore lucido + copertura opale (PRO)

Su richiesta

Riflettore opaco/bianco

Cablaggio

Ballast elettronico FIX/DALI (ECG/EDA)

Materiali

Corpo: lamina d'acciaio

Diffusore: microprisma PMMA

Profilo: pressofusione di alluminio

Riflettore: alluminio anodizzato lucido

Copertura: PMMA trasparente/opale

Finitura

Profilo: bianco RAL 9003 (W03)

Durata di vita

50,000 ore/L80

Temperatura d'ambiente

Da -20 °C a +35 °C

RU

Установка

Потолочная встроенная

Источник света

LED

Оптическая система

Шлифованный отражатель (PRE)

Шлифованный отражатель + чистая крышка (PRT)

Шлифованный отражатель + чистая крышка (PRO)

По запросу

Матовый/белый отражатель

Электрическое оснащение

Электронный аппарат FIX/DALI (ECG/EDA)

Материал

Корпус: листовая сталь

Рассеиватель: микроприз. полиметилметакрилат

Накладка: литой алюминий

Отражатель: шлифованный анодированный алюминий

Крышка: чистая/матовая полиметилметакрилат

Отделка поверхности

Накладка: белый RAL 9003 (W03)

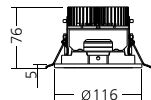
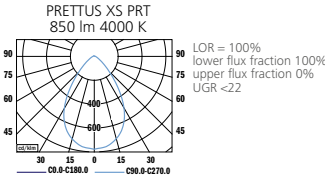
Срок службы

50,000 часов/L80

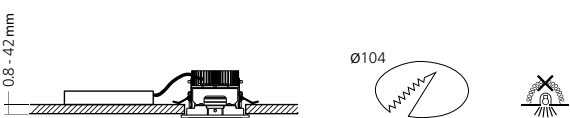
Температура окружающей среды

От -20 °C до +35 °C

PHOTOMETRY



MOUNTING



TYPE	NET LUMEN OUTPUT (AT TA = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE	WEIGHT (kg)
PRETTUS XS PRE	800	9	89	80+	3000	60°	0.6
PRETTUS XS PRE	850	9	94	80+	4000	60°	0.6
PRETTUS XS PRE	1100	12	92	80+	3000	60°	0.6
PRETTUS XS PRE	1150	12	96	80+	4000	60°	0.6
PRETTUS XS PRT	750	9	83	80+	3000	60°	0.6
PRETTUS XS PRT	800	9	89	80+	4000	60°	0.6
PRETTUS XS PRT	1050	12	88	80+	3000	60°	0.6
PRETTUS XS PRT	1100	12	92	80+	4000	60°	0.6
PRETTUS XS PRO	450	9	50	80+	3000	84°	0.6
PRETTUS XS PRO	500	9	56	80+	4000	84°	0.6
PRETTUS XS PRO	650	12	54	80+	3000	84°	0.6
PRETTUS XS PRO	700	12	58	80+	4000	84°	0.6

Luminous flux tolerance +/- 10%



POLISHED REFLECTOR (PRE)



POLISHED REFLECTOR AND TRANSPARENT COVER (PRT)



POLISHED REFLECTOR AND OPAL COVER (PRO)



MATT REFLECTOR (MRE)



MATT REFLECTOR AND TRANSPARENT COVER (MRT)



WHITE ANODISED REFLECTOR (WRE)



WHITE ANODISED REFLECTOR AND TRANSPARENT COVER (WRT)



DOWNLIGHTS



Prettus XS Trimless



220-240V
50-60Hz

LED

CRI
80+
Ra

CCT
3000
K

CCT
4000
K

ECG

EDA
DALI

IP
20

IP
40

IP
54

EN

Mounting
Ceiling recessed
Light source
LED
Optical system
Polished reflector (PRE)
Polished reflector + transparent cover (PRT)
Polished reflector + opal cover (PRO)
On request:
Matt/White reflector
Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Materials
Housing: sheet steel
Diffuser: microprismatic PMMA
Trim: die-cast aluminium
Reflector: polished anodised aluminium
Cover: transparent/opal PMMA
Plasterboard trim: aluminium profile
Surface finish
Trim: white RAL 9003 (W03)
Service lifetime
50,000 hours/L80
Ambient temperature
From -20 °C to +35 °C

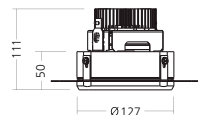
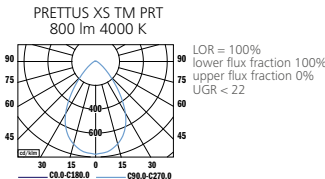
DE

Montage
Einbauleuchte
Lichtquelle
LED
Optisches System
Polierter Reflektor (PRE)
Polierter Reflektor + durchsichtige Abdeckung (PRT)
Polierter Reflektor + opale Abdeckung (PRO)
Auf Anfrage
Matter/Weisser Reflektor
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Material
Körper: Stahlblech
Diffusor: mikrop Prismatisches PMMA
Einfassung: Aluminiumdruckguss
Reflektor: poliertes eloxiertes Aluminium
Abdeckung: durchsichtiger/opaler PMMA
Einputzeinfassung: Aluminiumprofil
Oberflächenveredelung
Einfassung: weiss RAL 9003 (W03)
Lebensdauer
50,000 Stunden/L80
Umgebungstemperatur
Von -20 °C bis +35 °C

FR

Montage
Plafonnier encastrable
Source lumineuse
LED
Système optique
Réflecteur poli (PRE)
Réflecteur poli + couvercle transparente (PRT)
Réflecteur poli + couvercle opale (PRO)
Sur demande
Réflecteur mat/blanc
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Matériels
Corps: tôle d'acier
Diffuseur: PMMA microprismatique
Moulure: aluminium moulé sous pression
Réflecteur: aluminium anodisé poli
Couvercle: PMMA transparente/opale
Colerette à plâtrer: aluminium profilé
Finition de surface
Moulure: blanc RAL 9003 (W03)
Durée de vie utile
50,000 heures/L80
Température ambiante
De -20 °C à +35 °C

PHOTOMETRY



MOUNTING



TYPE	NET LUMEN OUTPUT (AT TA = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE	WEIGHT (kg)
PRETTUS XS TM PRE	800	9	89	80+	3000	60°	0.9
PRETTUS XS TM PRE	850	9	94	80+	4000	60°	0.9
PRETTUS XS TM PRE	1100	11	100	80+	3000	60°	0.9
PRETTUS XS TM PRE	1150	11	105	80+	4000	60°	0.9
PRETTUS XS TM PRT	750	9	83	80+	3000	69°	0.9
PRETTUS XS TM PRT	800	9	89	80+	4000	69°	0.9
PRETTUS XS TM PRT	1050	11	95	80+	3000	60°	0.9
PRETTUS XS TM PRT	1100	11	100	80+	4000	60°	0.9
PRETTUS XS TM PRO	450	9	50	80+	3000	84°	0.9
PRETTUS XS TM PRO	500	9	56	80+	4000	84°	0.9
PRETTUS XS TM PRO	650	11	59	80+	3000	84°	0.9
PRETTUS XS TM PRO	700	11	64	80+	4000	84°	0.9

Luminous flux tolerance +/- 10%



POLISHED REFLECTOR (PRE)



POLISHED REFLECTOR AND TRANSPARENT COVER (PRT)



POLISHED REFLECTOR AND OPAL COVER (PRO)



MATT REFLECTOR (MRE)



MATT REFLECTOR AND TRANSPARENT COVER (MRT)



WHITE ANODISED REFLECTOR (WRE)



WHITE ANODISED REFLECTOR AND
TRANSPARENT COVER (WRT)





Prettus S



Prettus S



220-240V
50-60Hz

LED
CCT 4000 K

CRI 80+ Ra

ECG

EDA DALI

IP 20

IP 40

IP 54

EN

Mounting
Ceiling recessed

Light source
LED

Optical system
Polished reflector (PRE)
Polished reflector + transparent cover (PRT)
Polished reflector + opal cover (PRO)

On request:
Matt/White reflector

Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Emergency unit variant (3H)

Materials
Housing: sheet steel
Diffuser: microprismatic PMMA
Trim: die-cast aluminium
Reflector: polished anodised aluminium
Cover: transparent/opal PMMA

Surface finish
Trim: white RAL 9003 (W03)

Service lifetime
50,000 hours/L80

Ambient temperature
From -20 °C to +35 °C
(from 0°C with EM unit)

DE

Montage
Einbauleuchte

Light source
LED

Optisches System
Polierter Reflektor (PRE)
Polierter Reflektor + durchsichtige Abdeckung (PRT)
Polierter Reflektor + opale Abdeckung (PRO)

Auf Anfrage:
Matter/Weisser Reflektor

Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Notbeleuchtung Variante (3H)

Material
Körper: Stahlblech
Diffusor: mikrop Prismatisches PMMA
Einfassung: Aluminiumdruckguss
Reflektor: poliertes eloxiertes Aluminium
Abdeckung: durchsichtiger/opaler PMMA

Oberflächenveredelung
Einfassung: weiss RAL 9003 (W03)

Lebensdauer
50,000 Stunden/L80

Umgebungstemperatur
Von -20 °C bis +35 °C
(von 0°C mit Notbeleuchtung)

FR

Montage
Plafonnier encastrable

Source lumineuse
LED

Système optique
Réflecteur poli (PRE)
Réflecteur poli + couvercle transparente (PRT)
Réflecteur poli + couvercle opale (PRO)

Sur demande:
Réflecteur mat/blanc

Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Variante de l'unité de secours (3H)

Matériels
Corps: tôle d'acier
Diffuseur: PMMA microprismatique
Moulure: aluminium moulé sous pression
Reflektor: aluminium anodisé poli
Couvercle: PMMA transparente/opale

Finition de surface
Moulure: blanc RAL 9003 (W03)

Durée de vie utile
50,000 heures/L80

Température ambiante
De -20 °C à +35 °C
(de 0°C avec l'unité de secours)

SK

Montáž
Vsadené

Svetelný zdroj
LED

Optický systém
Leštený reflektor (PRE)
Leštený reflektor + transparentný kryt (PRT)
Leštený reflektor + opalový kryt (PRO)

Na požiadanie:
Matný/Bielý reflektor

Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Varianta s núdzovou jednotkou (3H)

Material
Teleso: oceľový plech
Difúzor: mikropriзмatický PMMA
Obruč: hliníkový odlatok
Reflektor: leštený anodizovaný hliník
Kryt: transparentný/opalový PMMA

Povrchová úprava
Obruč: biela RAL 9003 (W03)

Servisná životnosť
50,000 hodin/L80

Teplota okolia
Od -20 °C do +35 °C
(od 0°C s núdzovou jednotkou)

ES

Montaje
Empotradas en el techo

Fuente luminica
LED

Sistema óptico
Reflector pulido (PRE)
Reflector pulido + cubierta transparente (PRT)
Reflector pulido + cubierta ópala (PRO)

A petición:
Reflector mate/blanco

Cableado
Equipo de control electrónico FIX/DALI (ECG/EDA)
Variante unidad de emergencia (3H)

Material
Cuerpo: lámina de acero
Difusor: microprismático PMMA
Reborde: aluminio presofundido
Reflector: aluminio anodizado pulido
Cubierta: PMMA transparente/ópalo

Tratamiento de la superficie
Reborde: blanco RAL 9003 (W03)

Vida útil
50,000 horas/L80

Temperatura ambiente
Desde -20 °C a +35 °C
(desde 0°C con unidad de emergencia)

IT

Installazione
Ad incasso a soffitto

Sorgente luminosa
LED

Sistema ottico
Riflettore lucido (PRE)
Riflettore lucido + copertura trasparente (PRT)
Riflettore lucido + copertura opale (PRO)

Su richiesta:
Riflettore opaco/bianco

Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Variante unità di emergenza (3H)

Materiali
Corpo: lamina d'acciaio
Diffusore: microprisma PMMA
Profilo: pressofusione di alluminio
Riflettore: alluminio anodizzato lucido
Copertura: PMMA trasparente/opale

Finitura
Profilo: bianco RAL 9003 (W03)

Durata di vita
50,000 ore/L80

Temperatura d'ambiente
Da -20 °C a +35 °C
(da 0°C con unità di emergenza)

RU

Установка
Потолочная встроенная

Источник света
LED

Оптическая система
Шлифованный отражатель (PRE)
Шлифованный отражатель + чистая крышка (PRT)
Шлифованный отражатель + чистая крышка (PRO)

По запросу:
Матовый/белый отражатель

Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Блок аварийного освещения (3H)

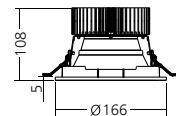
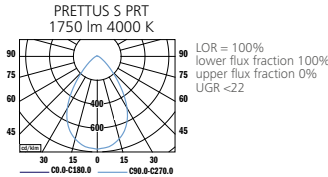
Материал
Корпус: листовая сталь
Рассеиватель: микропризм. полиметилметакрилат
Накладка: литой алюминий
Отражатель: шлифованный анодированный алюминий
Крышка: чистая/матовая полиметилметакрилат

Отделка поверхности
Накладка: белый RAL 9003 (W03)

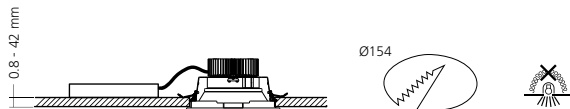
Срок службы
50,000 часов/L80

Температура окружающей среды
От -20 °C до +35 °C (от 0°C с аварийного освещения)

PHOTOMETRY



MOUNTING



TYPE	NET LUMEN OUTPUT (AT TA = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE	EMERGENCY UNIT 3H (lm)	WEIGHT (kg)
PRETTUS S PRE	1350	15	90	80+	3000	69°	360	0.8
PRETTUS S PRE	1450	15	97	80+	4000	69°	370	0.8
PRETTUS S PRE	1800	19	95	80+	3000	69°	360	0.8
PRETTUS S PRE	1900	19	100	80+	4000	69°	370	0.8
PRETTUS S PRT	1250	15	82	80+	3000	69°	360	0.8
PRETTUS S PRT	1350	15	90	80+	4000	69°	370	0.8
PRETTUS S PRT	1650	19	87	80+	3000	69°	360	0.8
PRETTUS S PRT	1750	19	92	80+	4000	69°	370	0.8
PRETTUS S PRO	1200	15	80	80+	3000	73°	–	0.8
PRETTUS S PRO	1300	15	87	80+	4000	73°	–	0.8
PRETTUS S PRO	1600	19	84	80+	3000	73°	–	0.8
PRETTUS S PRO	1700	19	89	80+	4000	73°	–	0.8

Luminous flux tolerance +/- 10%



POLISHED REFLECTOR (PRE)



MATT REFLECTOR (MRE)



WHITE ANODISED REFLECTOR (WRE)



POLISHED REFLECTOR AND TRANSPARENT COVER (PRT)



MATT REFLECTOR AND TRANSPARENT COVER (MRT)



WHITE ANODISED REFLECTOR AND TRANSPARENT COVER (WRT)



POLISHED REFLECTOR AND OPAL COVER (PRO)



DOWNLIGHTS



Prettus S Asym

220-240V
50-60Hz

LED

CRI
80+
Ra

CCT
3000
K

CCT
4000
K

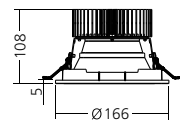
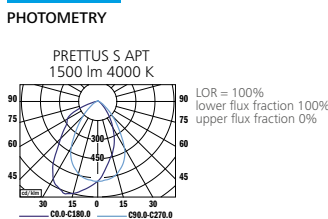
ECG

EDA
DALI

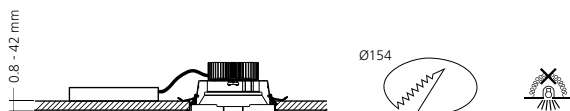
IP
20

IP
54

EN	DE	FR	SK	ES	IT	RU
Mounting Ceiling recessed Light source LED Optical system Asym. polished reflector + transp. cover (APT) On request Matt/White reflector Wiring Electronic control gear FIX/DALI (ECG/EDA) Materials Housing: sheet steel Diffuser: micropismatic PMMA Trim: die-cast aluminium Reflector: polished anodised aluminium Cover: transparent PMMA Surface finish Trim: white RAL 9003 (W03) Service lifetime 50,000 hours/L80 Ambient temperature From -20 °C to +35 °C	Montage Einbauleuchte Lichtquelle LED Optisches System Asym. polierter Ref.+ durchsichtige Abdeckung (APT) Auf Anfrage Matter/Weisser Reflektor Vorschaltgerät Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA) Material Körper: Stahlblech Diffusor: mikropismatisches PMMA Einfassung: Aluminiumdruckguss Reflektor: poliertes eloxiertes Aluminium Abdeckung: durchsichtiger PMMA Oberflächenveredelung Einfassung: weiss RAL 9003 (W03) Lebensdauer 50,000 Stunden/L80 Umgebungstemperatur Von -20 °C bis +35 °C	Montage Plafonnier encastrable Source lumineuse LED Système optique Réf. asym. poli + couvercle transparente (APT) Sur demande Réflecteur mat/blanc Équipement électrique Ballast électronique FIX/DALI (ECG/EDA) Matériels Corps: tôle d'acier Diffuseur: PMMA micropismatique Moulure: aluminium moulé sous pression Réflecteur: aluminium anodisé poli Couvercle: PMMA transparente Finition de surface Moulure: blanc RAL 9003 (W03) Durée de vie utile 50,000 heures/L80 Température ambiante De -20 °C à +35 °C	Montáž Vsadené Svetelný zdroj LED Optický systém Asym. leštený ref. + transparentný kryt (APT) Na požiadanie Matný/Bielý reflektor Elektrická výbava Elektronický predradník FIX/DALI (ECG/EDA) Material Teleso: oceľový plech Difúzor: mikroprizmatický PMMA Obruč: hliníkový odliatok Reflektor: leštený anodizovaný hliník Kryt: transparentný PMMA Povrchová úprava Obruč: biela RAL 9003 (W03) Servisná životnosť 50,000 hodín/L80 Teplota okolia Od -20 °C do +35 °C	Montaje Empotradas en el techo Fuente luminica LED Sistema óptico Ref. asim. pulido + cubierta transparente (APT) A petición Reflector mate/blanco Cableado Equipo de control electronico FIX/DALI (ECG/EDA) Material Cuerpo: lámina de acero Difusor: micropismático PMMA Reborde: aluminio presofundido Reflector: aluminio anodizado pulido Cubierta: PMMA transparente Tratamiento de la superficie Reborde: blanco RAL 9003 (W03) Vida útil 50,000 horas/L80 Temperatura ambiente Desde -20 °C a +35 °C	Installazione Ad incasso a soffitto Sorgente luminosa LED Sistema ottico Rif. asim. lucido + copertura trasparente (APT) Su richiesta Riflettore opaco/bianco Cablaggio Ballast elettronico FIX/DALI (ECG/EDA) Materiali Corpo: lamina d'acciaio Diffusore: microprisma PMMA Profilo: pressofusione di alluminio Riflettore: alluminio anodizzato lucido Copertura: PMMA trasparente Finitura Profilo: bianco RAL 9003 (W03) Durata di vita 50,000 ore/L80 Temperatura d'ambiente Da -20 °C a +35 °C	Установка Потолочная встроенная Источник света LED Оптическая система По запросу Матовый/Белый отражатель Электрическое оснащение Электронный аппарат FIX/DALI (ECG/EDA) Материал Корпус: листовая сталь Рассеиватель: микроприз. полиметилметакрилат Накладка: литой алюминий Отражатель: шлифованный анодированный алюминий Крышка: чистая/матовая полиметилметакрилат Отделка поверхности Накладка: белый RAL 9003 (W03) Срок службы 50,000 часов/L80 Температура окружающей среды От -20 °C до +35 °C



MOUNTING



TYPE	NET LUMEN OUTPUT (AT TA = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	WEIGHT (kg)
PRETTUS S APT	1100	15	73	80+	3000	0.8
PRETTUS S APT	1150	15	77	80+	4000	0.8
PRETTUS S APT	1450	19	76	80+	3000	0.8
PRETTUS S APT	1500	19	79	80+	4000	0.8

Luminous flux tolerance +/- 10%





Prettus S Trimless



220-240V
50-60Hz

LED

CRI
80+
Ra

CCT
3000
K

CCT
4000
K

ECG

EDA
DALI

IP
20

IP
40

IP
54

Icon of a house with a plus sign

EN

Mounting
Ceiling recessed

Light source
LED

Optical system
Polished reflector (PRE)
Polished reflector + transparent cover (PRT)
Polished reflector + opal cover (PRO)

On request:
Matt/White reflector

Wiring
Electronic control gear FIX/DALI (ECG/EDA)

Materials
Housing: sheet steel
Diffuser: microprismatic PMMA
Trim: die-cast aluminium
Reflector: polished anodised aluminium
Cover: transparent/opal PMMA
Plasterboard trim: aluminium profile

Surface finish
Trim: white RAL 9003 (W03)

Service lifetime
50,000 hours/L80

Ambient temperature
From -20 °C to +35 °C

DE

Montage
Einbauleuchte

Lightquelle
LED

Optisches System
Polierter Reflektor (PRE)
Polierter Reflektor + durchsichtige Abdeckung (PRT)
Polierter Reflektor + opale Abdeckung (PRO)

Auf Anfrage
Matter/Weisser Reflektor

Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)

Material
Körper: Stahlblech
Diffusor: mikrop Prismatisches PMMA
Einfassung: Aluminiumdruckguss
Reflektor: poliertes eloxiertes Aluminium
Abdeckung: durchsichtiger/opaler PMMA
Einputzeinfassung: Aluminiumprofil

Oberflächenveredelung
Einfassung: weiss RAL 9003 (W03)

Lebensdauer
50,000 Stunden/L80

Umgebungstemperatur
Von -20°C bis +35 °C

FR

Montage
Plafonnier encastrable

Source lumineuse
LED

Système optique
Réflecteur poli (PRE)
Réflecteur poli + couvercle transparente (PRT)
Réflecteur poli + couvercle opale (PRO)

Sur demande
Réflecteur mat/blanc

Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)

Matériels
Corps: tôle d'acier
Diffuseur: PMMA microprismatique
Moulure: aluminium moulé sous pression
Réflecteur: aluminium anodisé poli
Couvercle: PMMA transparente/opale
Colerette à plâtrer: aluminium profilé

Finition de surface
Moulure: blanc RAL 9003 (W03)

Durée de vie utile
50,000 heures/L80

Température ambiante
De -20 °C à +35 °C

SK

Montáž
Vsadené

Svetelný zdroj
LED

Optický systém
Leštený reflektor (PRE)
Leštený reflektor + transparentný kryt (PRT)
Leštený reflektor + opálový kryt (PRO)

Na požiadanie
Matný/Bielý reflektor

Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)

Material
Teleso: oceľový plech
Difúzor: mikropriзмatický PMMA
Obruč: hliníkový odliatok
Reflektor: leštený anodizovaný hliník
Kryt: transparentný/opálový PMMA
Obruč do sadrokartónu: hliníkový profil

Povrchová úprava
Obruč: biela RAL 9003 (W03)

Servisná životnosť
50,000 hodín/L80

Teplota okolia
Od -20 °C do +35 °C

ES

Montaje
Empotradas en el techo

Fuente luminica
LED

Sistema óptico
Reflector pulido (PRE)
Reflector pulido + cubierta transparente (PRT)
Reflector pulido + cubierta ópala (PRO)

A petición
Reflector mate/blanco

Cableado
Equipo de control electrónico FIX/DALI (ECG/EDA)

Material
Cuerpo: lámina de acero
Difusor: microprismático PMMA
Reborde: aluminio presofundido
Reflector: aluminio anodizado pulido
Cubierta: PMMA transparente/ópalo
Aro para empotrar en yeso: perfil de aluminio

Tratamiento de la superficie
Reborde: blanco RAL 9003 (W03)

Vida útil
50,000 horas/L80

Temperatura ambiente
Desde -20 °C a +35 °C

IT

Installazione
Ad incasso a soffitto

Sorgente luminosa
LED

Sistema ottico
Riflettore lucido (PRE)
Riflettore lucido + copertura trasparente (PRT)
Riflettore lucido + copertura opale (PRO)

Su richiesta
Riflettore opaco/bianco

Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)

Materiali
Corpo: lamina d'acciaio
Diffusore: microprisma PMMA
Profilo: pressofusione di alluminio
Riflettore: alluminio anodizzato lucido
Copertura: PMMA trasparente/opale
Profilo in cartongesso: profilo in alluminio

Finitura
Profilo: bianco RAL 9003 (W03)

Durata di vita
50,000 ore/L80

Temperatura d'ambiente
Da -20 °C a +35 °C

RU

Установка
Потолочная встроенная

Источник света
LED

Оптическая система
Шлифованный отражатель (PRE)
Шлифованный отражатель + чистая крышка (PRT)
Шлифованный отражатель + чистая крышка (PRO)

По запросу
Матовый/белый отражатель

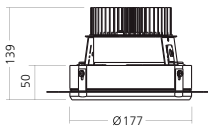
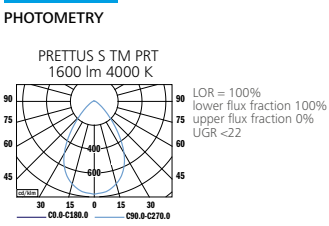
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)

Материал
Корпус: листовая сталь
Рассеиватель: микропризм. полиметилметакрилат
Накладка: литой алюминий
Отражатель: шлифованный анодированный алюминий
Крышка: чистая/матовая полиметилметакрилат
Гипсокартонная накладка: алюминиевый профиль

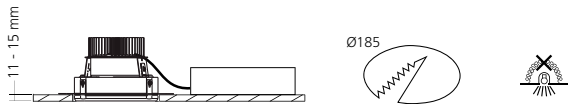
Отделка поверхности
Накладка: белый RAL 9003 (W03)

Срок службы
50,000 часов/L80

Температура окружающей среды
От -20 °C до +35 °C



MOUNTING



TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CON-SUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE	WEIGHT (kg)
PRETTUS S TM PRE	1200	15	80	80+	3000	69°	1.2
PRETTUS S TM PRE	1300	15	87	80+	4000	69°	1.2
PRETTUS S TM PRE	1600	20	80	80+	3000	69°	1.2
PRETTUS S TM PRE	1700	20	85	80+	4000	69°	1.2
PRETTUS S TM PRT	1100	15	73	80+	3000	69°	1.2
PRETTUS S TM PRT	1200	15	80	80+	4000	69°	1.2
PRETTUS S TM PRT	1500	20	75	80+	3000	69°	1.2
PRETTUS S TM PRT	1600	20	80	80+	4000	69°	1.2
PRETTUS S TM PRO	1050	15	70	80+	3000	73°	1.3
PRETTUS S TM PRO	1150	15	77	80+	4000	73°	1.3
PRETTUS S TM PRO	1450	20	73	80+	3000	73°	1.3
PRETTUS S TM PRO	1550	20	78	80+	4000	73°	1.3

Luminous flux tolerance +/- 10 %.



DOWNLIGHTS

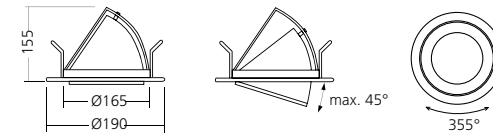
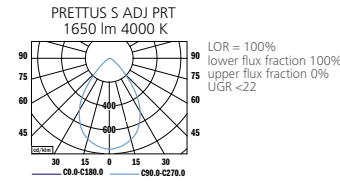


Prettus S Adjustable

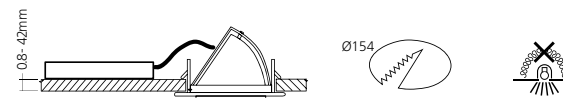


EN	DE	FR	SK	ES	IT	RU
Mounting Ceiling recessed Light source LED Optical system Polished reflector (PRE) Polished reflector + transparent cover (PRT) Polished reflector + opal cover (PRO) On request: Matt/White reflector Wiring Electronic control gear FIX/DALI (ECG/EDA) Emergency unit variant (3H) Materials Housing: sheet steel Diffuser: micropismatic PMMA Trim: die-cast aluminium Reflector: polished anodised aluminium Cover: transparent/opal PMMA Surface finish Trim: white RAL 9003 (W03) Service lifetime 50,000 hours/L80 Ambient temperature From -20 °C to +35 °C (from 0°C with EM unit)	Montage Einbauleuchte Lichtquelle LED Optisches System Polierter Reflektor (PRE) Polierter Reflektor + durchsichtige Abdeckung (PRT) Polierter Reflektor + opale Abdeckung (PRO) Auf Anfrage Matter/Weisser Reflektor Vorschaltgerät Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA) Notbeleuchtung Variante (3H) Material Körper: Stahlblech Diffuser: mikropismatisches PMMA Einfassung: Aluminiumdruckguss Reflektor: poliertes eloxiertes Aluminium Abdeckung: durchsichtiger/opaler PMMA Oberflächenveredelung Einfassung: weiss RAL 9003 (W03) Lebensdauer 50,000 Stunden/L80 Umgebungstemperatur Von -20 °C bis +35 °C (von 0°C mit Notbeleuchtung)	Montage Plafonnier encastrable Source lumineuse LED Système optique Réflecteur poli (PRE) Réflecteur poli + couvercle transparente (PRT) Réflecteur poli + couvercle opale (PRO) Sur demande Réflecteur mat/blanc Équipement électrique Ballast électronique FIX/DALI (ECG/EDA) Variante de l'unité de secours (3H) Matériels Corps: tôle d'acier Diffuseur: PMMA microprismatique Moulure: aluminium moulé sous pression Réflecteur: aluminium anodisé poli Couvercle: PMMA transparente/opale Finition de surface Moulure: blanc RAL 9003 (W03) Durée de vie utile 50,000 heures/L80 Température ambiante De -20 °C à +35 °C (de 0°C avec l'unité de secours)	Montáž Vsađené Svetelný zdroj LED Optický systém Leštený reflektor (PRE) Leštený reflektor + transparentný kryt (PRT) Leštený reflektor + opalový kryt (PRO) Na požiadanie Matný/Bielý reflektor Elektrická výbava Elektronický predradník FIX/DALI (ECG/EDA) Varianta s núdzovou jednotkou (3H) Matériál Teleso: oceľový plech Difúzor: mikropriзмatický PMMA Obruč: hliníkový odliatok Reflektor: leštený anodizovaný hliník Kryt: transparentný/opalový PMMA Povrchová úprava Obruč: biela RAL 9003 (W03) Servisná životnosť 50,000 hodín/L80 Teplota okolia Od -20 °C do +35 °C (od 0° C s núdzovou jednotkou)	Montaje Empotradas en el techo Fuente luminica LED Sistema óptico Reflector pulido (PRE) Reflector pulido + cubierta transparente (PRT) Reflector pulido + cubierta ópala (PRO) A petición Reflector mate/blanco Cableado Equipo de control electronico FIX/DALI (ECG/EDA) Variante unidad de emergencia (3H) Material Cuerpo: lámina de acero Difusor: microprísmico PMMA Reborde: aluminio presofundido Reflector: aluminio anodizado pulido Cubierta: PMMA transparente/ópalo Tratamiento de la superficie Reborde: blanco RAL 9003 (W03) Vida útil 50,000 horas/L80 Temperatura ambiente Desde -20 °C a +35 °C (desde 0°C con unidad de emergencia)	Installazione Ad incasso a soffitto Sorgente luminosa LED Sistema ottico Riflettore lucido (PRE) Riflettore lucido + copertura trasparente (PRT) Riflettore lucido + copertura opale (PRO) Su richiesta Riflettore opaco/bianco Cablaggio Ballast elettronico FIX/DALI (ECG/EDA) Variante unità di emergenza (3H) Materiali Corpo: lamina d'acciaio Diffusore: microprisma PMMA Profilo: pressofusione di alluminio Riflettore: alluminio anodizzato lucido Copertura: PMMA trasparente/opale Finitura Profilo: bianco RAL 9003 (W03) Durata di vita 50,000 ore/L80 Temperatura d'ambiente Da -20 °C a +35 °C (da 0°C con unità di emergenza)	Установка Потолочная встроенная Источник света LED Оптическая система Шлифованный отражатель (PRE) Шлифованный отражатель + чистая крышка (PRT) Шлифованный отражатель + чистая крышка (PRO) По запросу Матовый/белый отражатель Электрическое оснащение Электронный аппарат FIX/DALI (ECG/EDA) Блок аварийного освещения (3H) Материал Корпус: листовая сталь Рассеиватель: микропризм. полиметилметакрилат Накладка: литой алюминий Отражатель: шлифованный анодированный алюминий Крышка: чистая/матовая полиметилметакрилат Отделка поверхности Накладка: белый RAL 9003 (W03) Срок службы 50,000 часов/L80 Температура окружающей среды От -20 °C до +35 °C (от 0° C с аварийного освещения)

PHOTOMETRY



MOUNTING



TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE	EMERGENCY UNIT 3H (lm)	WEIGHT (kg)
PRETTUS S ADJ PRE	1100	15	73	80+	3000	69°	350	0.8
PRETTUS S ADJ PRE	1200	15	80	80+	4000	69°	360	0.8
PRETTUS S ADJ PRE	1500	20	75	80+	3000	69°	350	0.8
PRETTUS S ADJ PRE	1550	20	77	80+	4000	69°	360	0.8
PRETTUS S ADJ PRT	1050	15	70	80+	3000	69°	350	0.8
PRETTUS S ADJ PRT	1100	15	73	80+	4000	69°	360	0.8
PRETTUS S ADJ PRT	1400	20	70	80+	3000	69°	350	0.8
PRETTUS S ADJ PRT	1500	20	75	80+	4000	69°	360	0.8
PRETTUS S ADJ PRO	1000	15	67	80+	3000	73°	—	0.8
PRETTUS S ADJ PRO	1075	15	72	80+	4000	73°	—	0.8
PRETTUS S ADJ PRO	1350	20	67	80+	3000	73°	—	0.8
PRETTUS S ADJ PRO	1450	20	73	80+	4000	73°	—	0.8

Luminous flux tolerance $\pm 10\%$



POLISHED REFLECTOR (PRE)



MATT REFLECTOR (MRE)



WHITE ANODISED REFLECTOR (WRE)



POLISHED REFLECTOR AND TRANSPARENT COVER (PRT)



MATT REFLECTOR AND TRANSPARENT COVER (MRT)

WHITE ANODISED REFLECTOR AND
TRANSPARENT COVER (WRT)

POLISHED REFLECTOR AND OPAL COVER (PRO)



DOWNLIGHTS



Prettus S Surfacled

220-240V
50-60Hz

LED

CRI
80+
Ra

CCT
3000
K

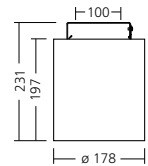
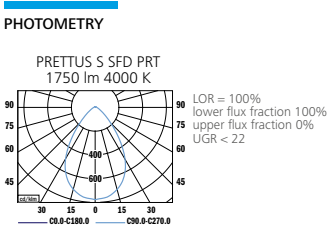
CCT
4000
K

ECG

EDA
DALI

IP
20

EN Mounting Ceiling surfaced (SFD) Light source LED Optical system Polished reflector + transparent cover (PRT) Polished reflector + opal cover (PRO) Wiring Electronic control gear FIX/DALI (ECG/EDA) Materials Housing: extruded aluminium + sheet steel Diffuser: microprismatic PMMA Reflector: polished anodised aluminium Cover: transparent/opal PMMA Surface finish Housing: white RAL 9003 (W03) Service lifetime 50,000 hours/L80 Ambient temperature From -20 °C to +35 °C	DE Montage Deckenleuchte (SFD) Lichtquelle LED Optisches System Polierter Reflektor + durchsichtige Abdeckung (PRT) Polierter Reflektor + opale Abdeckung (PRO) Vorschaltgerät Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA) Material Körper: extrudiertes Aluminium + Stahlblech Diffusor: mikropismatisches PMMA Reflektor: polierteseloxiertes Aluminium Abdeckung: durchsichtiger/opaler PMMA Oberflächenveredelung Körper: weiss RAL 9003 (W03) Lebensdauer 50,000 Stunden/L80 Umgebungstemperatur Von -20 °C bis +35 °C	FR Montage Plafonnier apparent (SFD) Source lumineuse LED Système optique Réflecteur poli + couvercle transparente (PRT) Réflecteur poli + couvercle opale (PRO) Équipement électrique Ballast électronique FIX/DALI (ECG/EDA) Matériels Corps: aluminium extrudé + tôle d'acier Diffuseur: PMMA micropismatique Réflecteur: aluminium anodisé poli Couvercle: PMMA transparente/opale Finition de surface Corps: blanc RAL 9003 (W03) Durée de vie utile 50,000 heures/L80 Température ambiante De -20 °C à +35 °C	SK Montáž Prisadené (SFD) Svetelný zdroj LED Optický systém Leštený reflektor + transparentný kryt (PRT) Leštený reflektor + opálový kryt (PRO) Elektrická výbava Elektronický predradník FIX/DALI (ECG/EDA) Material Telo: extrudovaný hliník + oceľový plech Difúzor: mikropriзмatický PMMA Reflektor: leštený anodizovaný hliník Kryt: transparentný/opálový PMMA Povrchová úprava Telo: biela RAL 9003 (W03) Servisná životnosť 50,000 hodín/L80 Teplota okolia Od -20 °C do +35 °C	ES Montaje Sobrepuestas en el techo (SFD) Fuente luminica LED Sistema óptico Reflector pulido + cubierta transparente (PRT) Reflector pulido + cubierta ópala (PRO) Cableado Equipo de control electrónico FIX/DALI (ECG/EDA) Material Cuerpo: aluminio extruido + lámina de acero Difusor: micropismático PMMA Reflector: aluminio anodizado pulido Cubierta: PMMA transparente/ópalo Tratamiento de la superficie Cuerpo: blanco RAL 9003 (W03) Vida útil 50,000 horas/L80 Temperatura ambiente Desde -20 °C a +35 °C	IT Installazione A plafone (SFD) Sorgente luminosa LED Sistema ottico Riflettore lucido + copertura trasparente (PRT) Riflettore lucido + copertura opale (PRO) Cablaggio Ballast elettronico FIX/DALI (ECG/EDA) Materiali Corpo: estruso di alluminio + lamina d'acciaio Diffusore: micropirisma PMMA Riflettore: alluminio anodizzato lucido Copertura: PMMA trasparente/opale Finitura Corpo: bianco RAL 9003 (W03) Durata di vita 50,000 ore/L80 Temperatura d'ambiente Da -20 °C a +35 °C	RU Установка Потолочная накладная (SFD) Источник света LED Оптическая система Шлифованный отражатель + чистая крышка (PRT) Шлифованный отражатель + чистая крышка (PRO) Электрическое оснащение Электронный аппарат FIX/DALI (ECG/EDA) Материал Корпус: экструдированный алюминий + листовая сталь Рассеиватель: микропризм. полиметилметакрилат Отражатель: шлифованный анодированный алюминий Крышка: чистая/матовая полиметилметакрилат Отделка поверхности Корпус: белый RAL 9003 (W03) Срок службы 50,000 часов/L80 Температура окружающей среды От -20 °C до +35 °C
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MOUNTING

TYPE	NET LUMEN OUTPUT (AT TA = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE	WEIGHT (kg)
PRETTUS S SURFACED PRT	1250	15	83	80+	3000	69°	3.7
PRETTUS S SURFACED PRT	1350	15	90	80+	4000	69°	3.7
PRETTUS S SURFACED PRT	1650	19	87	80+	3000	69°	3.7
PRETTUS S SURFACED PRT	1750	19	92	80+	4000	69°	3.7
PRETTUS S SURFACED PRO	1200	15	80	80+	3000	73°	3.7
PRETTUS S SURFACED PRO	1300	15	87	80+	4000	73°	3.7
PRETTUS S SURFACED PRO	1600	19	84	80+	3000	73°	3.7
PRETTUS S SURFACED PRO	1700	19	89	80+	4000	73°	3.7

Luminous flux tolerance +/- 10%





Prettus S Suspended



220-240V
50-60Hz

LED

CRI
80+
Ra

CCT
3000
K

CCT
4000
K

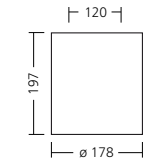
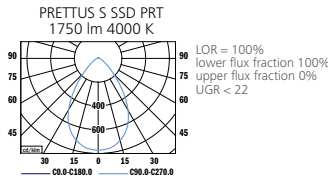
ECG

EDA
DALI

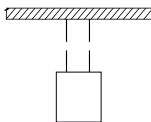
IP
20

EN	DE	FR	SK	ES	IT	RU
Mounting Suspended (SSD) Light source LED Optical system Polished reflector + transparent cover (PRT) Polished reflector + opal cover (PRO) Wiring Electronic control gear FIX/DALI (ECG/EDA) Materials Housing: extruded aluminium + sheet steel Diffuser: microprismatic PMMA Reflector: polished anodised aluminium Cover: transparent/opal PMMA Rope suspension Surface finish Housing: white RAL 9003 (W03) Service lifetime 50,000 hours/L80 Ambient temperature From -20 °C to +35 °C	Montage Hängend (SSD) Lichtquelle LED Optisches System Polierter Reflektor + durchsichtige Abdeckung (PRT) Polierter Reflektor + opale Abdeckung (PRO) Vorschaltgerät Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA) Material Körper: extrudiertes Aluminium + Stahlblech Diffusor: mikrop Prismatisches PMMA Reflektor: polierteseloxiertes Aluminium Abdeckung: durchsichtiger/opaler PMMA Seilaufhängung Oberflächenveredelung Körper: weiss RAL 9003 (W03) Lebensdauer 50,000 Stunden/L80 Umgebungstemperatur Von -20 °C bis +35 °C	Montage Plafonnier Suspendu (SSD) Source lumineuse LED Système optique Réflecteur poli + couvercle transparente (PRT) Réflecteur poli + couvercle opale (PRO) Équipement électrique Ballast électronique FIX/DALI (ECG/EDA) Matériels Corps: aluminium extrudé + tôle d'acier Diffuseur: PMMA micropismatique Réflecteur: aluminium anodisé poli Couvercle: PMMA transparente/opale Câble de suspension Finition de surface Corps: blanc RAL 9003 (W03) Durée de vie utile 50,000 heures/L80 Température ambiante De -20 °C à +35 °C	Montáž Závěsné (SSD) Svetelný zdroj LED Optický systém Leštěný reflektor + transparentný kryt (PRT) Leštěný reflektor + opálový kryt (PRO) Elektrická výbava Elektronický predradník FIX/DALI (ECG/EDA) Material Těleso: extrudovaný hliník + oceľový plech Difúzor: mikropriзмatický PMMA Reflektor: leštený anodizovaný hliník Kryt: transparentný/opálový PMMA Lankový záves Povrchová úprava Těleso: biela RAL 9003 (W03) Servisná životnosť 50,000 hodín/L80 Teplota okolia Od -20 °C do +35 °C	Montaje Suspendidas (SSD) Fuente luminica LED Sistema óptico Reflector pulido + cubierta transparente (PRT) Reflector pulido + cubierta ópala (PRO) Cableado Equipo de control electrónico FIX/DALI (ECG/EDA) Material Cuerpo: aluminio extruido + lámina de acero Difusor: micropriзмático PMMA Reflector: aluminio anodizado pulido Cubierta: PMMA transparente/ópalo Cable de suspensión Tratamiento de la superficie Cuerpo: blanco RAL 9003 (W03) Vida útil 50,000 horas/L80 Temperatura ambiente Desde -20 °C a +35 °C	Installazione A sospensione (SSD) Sorgente luminosa LED Sistema ottico Riflettore lucido + copertura trasparente (PRT) Riflettore lucido + copertura opale (PRO) Cablaggio Ballast elettronico FIX/DALI (ECG/EDA) Materiali Corpo: estruso di alluminio + lamina d'acciaio Diffusore: micropriзма PMMA Riflettore: alluminio anodizzato lucido Copertura: PMMA trasparente/opale Cavo di sospensione Finitura Corpo: bianco RAL 9003 (W03) Durata di vita 50,000 ore/L80 Temperatura d'ambiente Da -20 °C a +35 °C	Установка Подвесная (SSD) Источник света LED Оптическая система Шлифованный отражатель + чистая крышка (PRT) Шлифованный отражатель + чистая крышка (PRO) Электрическое оснащение Электронный аппарат FIX/DALI (ECG/EDA) Материал Корпус: экструдированный алюминий + листовая сталь Рассеиватель: микропризм. полиметилметакрилат Отражатель: шлифованный анодированный алюминий Крышка: чистая/матовая полиметилметакрилат Тросовый подвес Отделка поверхности Корпус: белый RAL 9003 (W03) Срок службы 50,000 часов/L80 Температура окружающей среды От -20 °C до +35 °C

PHOTOMETRY



MOUNTING



TYPE	NET LUMEN OUTPUT (AT TA = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE	WEIGHT (kg)
PRETTUS S SUSPENDED PRT	1250	15	83	80+	3000	69°	3.7
PRETTUS S SUSPENDED PRT	1350	15	90	80+	4000	69°	3.7
PRETTUS S SUSPENDED PRT	1650	19	87	80+	3000	69°	3.7
PRETTUS S SUSPENDED PRT	1750	19	92	80+	4000	69°	3.7
PRETTUS S SUSPENDED PRO	1200	15	80	80+	3000	73°	3.7
PRETTUS S SUSPENDED PRO	1300	15	87	80+	4000	73°	3.7
PRETTUS S SUSPENDED PRO	1600	19	84	80+	3000	73°	3.7
PRETTUS S SUSPENDED PRO	1700	19	89	80+	4000	73°	3.7

Luminous flux tolerance +/- 10%

POLISHED REFLECTOR AND TRANSPARENT COVER (PRT)



POLISHED REFLECTOR AND OPAL COVER (PRO)



DOWNLIGHTS

A low-angle, upward-looking shot of a modern building's interior. The scene is dominated by a wide, white escalator with glass railings that leads diagonally across the frame. To the left, a large, curved, golden-colored metallic structure, possibly a decorative column or part of a staircase, reflects light. In the foreground, a curved, metallic railing with a brushed metal finish is visible. The ceiling is high and white, featuring numerous recessed circular lights and long, curved, illuminated light fixtures. A potted plant is visible in the background on a higher level. The overall atmosphere is bright and architectural.

Prettus M

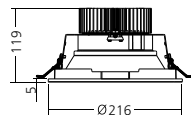
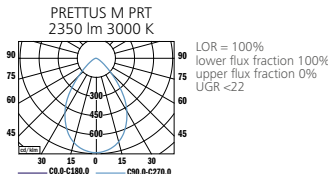


PRETTUS M
POLISHED
LED

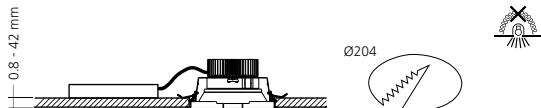
FASTRUNNER

Prettus M

PHOTOMETRY



MOUNTING



TYPE	NET LUMEN OUTPUT (AT TA = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE	EMERGENCY UNIT 3H (lm)	WEIGHT (kg)
PRETTUS M PRE	1900	19	100	80+	3000	72°	380	0.9
PRETTUS M PRE	2000	19	105	80+	4000	72°	390	0.9
PRETTUS M PRE	1450	24	102	80+	3000	72°	380	0.9
PRETTUS M PRE	1550	24	106	80+	4000	72°	390	0.9
PRETTUS M PRE	2900	29	100	80+	3000	72°	380	0.9
PRETTUS M PRE	3050	29	105	80+	4000	72°	390	0.9
PRETTUS M PRT	1800	19	95	80+	3000	72°	370	1.0
PRETTUS M PRT	1900	19	100	80+	4000	72°	380	1.0
PRETTUS M PRT	2200	24	92	80+	3000	72°	370	1.0
PRETTUS M PRT	2350	24	98	80+	4000	72°	380	1.0
PRETTUS M PRT	2700	29	93	80+	3000	72°	370	1.0
PRETTUS M PRT	2850	29	98	80+	4000	72°	380	1.0
PRETTUS M PRO	1750	19	92	80+	3000	74°	—	1.0
PRETTUS M PRO	1850	19	97	80+	4000	74°	—	1.0
PRETTUS M PRO	2150	24	90	80+	3000	74°	—	1.0
PRETTUS M PRO	2300	24	96	80+	4000	74°	—	1.0
PRETTUS M PRO	2650	29	91	80+	3000	74°	—	1.0
PRETTUS M PRO	2800	29	97	80+	4000	74°	—	1.0

Luminous flux tolerance +/- 10%



POLISHED REFLECTOR (PRE)



MATT REFLECTOR (MRE)



WHITE ANODISED REFLECTOR (WRE)



POLISHED REFLECTOR AND TRANSPARENT COVER (PRT)



MATT REFLECTOR AND TRANSPARENT COVER (MRT)



WHITE ANODISED REFLECTOR AND
TRANSPARENT COVER (WRT)



POLISHED REFLECTOR AND OPAL COVER (PRO)



220-240V
50-60Hz

LED

CRI
80+
Ra

CCT
3000
K

CCT
4000
K

ECG

EDA
DALI

EMERGENCY

IP
20

IP
40

IP
54

EN

Mounting

Ceiling recessed

Light source

LED

Optical system

Polished reflector (PRE)

Polished reflector + transparent cover (PRT)

Polished reflector + opal cover (PRO)

On request:

Matt/White reflector

Wiring

Electronic control gear FIX/DALI (ECG/EDA)

Emergency unit variant (3H)

Materials

Housing: sheet steel

Diffuser: microprismatic PMMA

Trim: die-cast aluminium

Reflector: polished anodised aluminium

Cover: transparent/opal PMMA

Surface finish

Trim: white RAL 9003 (W03)

Service lifetime

50,000 hours/L80

Ambient temperature

From -20 °C to +35 °C (from 0°C with EM unit)

DE

Montage

Einbauleuchte

Lichtquelle

LED

Optisches System

Polierter Reflektor (PRE)

Polierter Reflektor + durchsichtige Abdeckung (PRT)

Polierter Reflektor + opale Abdeckung (PRO)

Auf Anfrage

Matter/Weisser Reflektor

Vorschaltgerät

Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)

Notbeleuchtung Variante (3H)

Material

Körper: Stahlblech

Diffusor: mikrop Prismatisches PMMA

Einfassung: Aluminiumdruckguss

Reflektor: poliertes eloxiertes Aluminium

Abdeckung: durchsichtiger/opaler PMMA

Oberflächenveredelung

Einfassung: weiss RAL 9003 (W03)

Lebensdauer

50,000 Stunden/L80

Umgebungstemperatur

Von -20 °C bis +35 °C (von 0°C mit Notbeleuch-

tung)

FR

Montage

Plafonnier encastrable

Source lumineuse

LED

Système optique

Réflecteur poli (PRE)

Réflecteur poli + couvercle transparente (PRT)

Réflecteur poli + couvercle opale (PRO)

Sur demande

Réflecteur mat/blanc

Équipement électrique

Ballast électronique FIX/DALI (ECG/EDA)

Variante de l'unité de secours (3H)

Matériels

Corps: tôle d'acier

Diffuseur: PMMA microprismatique

Moulure: aluminium moulé sous pression

Reflecteur: aluminium anodisé poli

Couvercle: PMMA transparente/opale

Finition de surface

Moulure: blanc RAL 9003 (W03)

Durée de vie utile

50,000 heures/L80

Température ambiante

De -20 °C à +35 °C (de 0°C avec l'unité de

secours)

SK

Montáž

Vsadené

Svetelný zdroj

LED

Optický systém

Leštený reflektor (PRE)

Leštený reflektor + transparentný kryt (PRT)

Leštený reflektor + opálový kryt (PRO)

Na požiadanie

Matný/Bielý reflektor

Elektrická výbava

Elektronický predradník FIX/DALI (ECG/EDA)

Varianta s núdzovou jednotkou (3H)

Material

Teleso: oceľový plech

Difúzor: mikropriзмatický PMMA

Obruč: hliníkový odlatok

Reflektor: leštený anodizovaný hliník

Kryt: transparentný/opálový PMMA

Povrchová úprava

Obruč: biela RAL 9003 (W03)

Servisná životnosť

50,000 hodin/L80

Teplota okolia

Od -20 °C do +35 °C (od 0°C s núdzovou

jednotkou)

ES

Montaje

Empotradas en el techo

Fuente luminica

LED

Sistema óptico

Reflector pulido (PRE)

Reflector pulido + cubierta transparente (PRT)

Reflector pulido + cubierta ópala (PRO)

A petición

Reflector mate/blanco

Cableado

Equipo de control electrónico FIX/DALI (ECG/EDA)

Variante unidad de emergencia (3H)

Material

Cuerpo: lámina de acero

Difusor: microprismático PMMA

Reborde: aluminio presofundido

Reflector: aluminio anodizado pulido

Cubierta: PMMA transparente/ópalo

Tratamiento de la superficie

Reborde: blanco RAL 9003 (W03)

Vida útil

50,000 horas/L80

Temperatura ambiente

Desde -20 °C a +35 °C (desde 0°C con unidad de

emergencia)

IT

Installazione

Ad incasso a soffitto

Sorgente luminosa

LED

Sistema ottico

Riflettore lucido (PRE)

Riflettore lucido + copertura trasparente (PRT)

Riflettore lucido + copertura opale (PRO)

Su richiesta

Riflettore opaco/bianco

Cablaggio

Ballast elettronico FIX/DALI (ECG/EDA)

Variante unità di emergenza (3H)

Materiali

Corpo: lamina d'acciaio

Diffusore: microprisma PMMA

Profilo: pressofusione di alluminio

Riflettore: alluminio anodizzato lucido

Copertura: PMMA trasparente/opale

Finitura

Profilo: bianco RAL 9003 (W03)

Durata di vita

50,000 ore/L80

Temperatura d'ambiente

Da -20 °C a +35 °C (da 0°C con unità di

emergenza)

RU

Установка

Потолочная встроенная

Источник света

LED

Оптическая система

Шлифованный отражатель (PRE)

Шлифованный отражатель + чистая крышка (PRT)

Шлифованный отражатель + чистая крышка (PRO)

По запросу

Матовый/Белый отражатель

Электрическое оснащение

Электронный аппарат FIX/DALI (ECG/EDA)

Блок аварийного освещения (3H)

Материал

Корпус: листовая сталь

Рассеиватель: микропризм. полиметилметакрилат

Накладка: литой алюминий

Отражатель: шлифованный анодированный алюминий

Крышка: чистая/матовая полиметилметакрилат

Отделка поверхности

Накладка: белый RAL 9003 (W03)

Срок службы

50,000 часов/L80

Температура окружающей среды

От -20 °C до +35 °C (от 0°C с аварийного освещения)

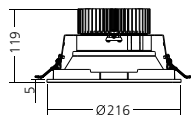
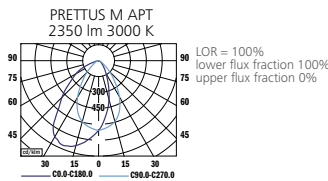




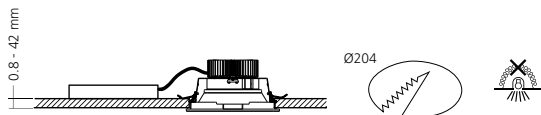
Prettus M Asym

EN	DE	FR	SK	ES	IT	RU
Mounting Ceiling recessed Light source LED Optical system Asym. polished reflector + transp. cover (APT) On request: Matt/White reflector Wiring Electronic control gear FIX/DALI (ECG/EDA) Materials Housing: sheet steel Diffuser: microprismatic PMMA Trim: die-cast aluminium Reflector: polished anodised aluminium Cover: transparent PMMA Surface finish Trim: white RAL 9003 (W03) Service lifetime 50,000 hours/L80 Ambient temperature From -20 °C to +35 °C	Montage Einbauleuchte Lichtquelle LED Optisches System Asym. polierter Ref.+ durchsichtige Abdeckung (APT) Auf Anfrage: Matter/Weisser Reflektor Vorschaltgerät Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA) Material Körper: Stahlblech Diffusor: mikrop Prismatisches PMMA Einfassung: Aluminiumdruckguss Reflektor: poliertes eloxiertes Aluminium Abdeckung: durchsichtiger PMMA Oberflächenveredelung Einfassung: weiss RAL 9003 (W03) Lebensdauer 50,000 Stunden/L80 Umgebungstemperatur Von -20 °C bis +35 °C	Montage Plafonnier encastrable Source lumineuse LED Système optique Réf. asym. poli + couvercle transparente (APT) Sur demande: Réflecteur mat/blanc Équipement électrique Ballast électronique FIX/DALI (ECG/EDA) Matériels Corps: tôle d'acier Diffuseur: PMMA microprismatique Moulure: aluminium moulé sous pression Réflecteur: aluminium anodisé poli Couvercle: PMMA transparente Finition de surface Moulure: blanc RAL 9003 (W03) Durée de vie utile 50,000 heures/L80 Température ambiante De -20 °C à +35 °C	Montáž Vsadené Svetelný zdroj LED Optický systém Asym. leštený ref. + transparentný kryt (APT) Na požiadanie: Matný/Bielý reflektor Elektrická výbava Elektronický predradník FIX/DALI (ECG/EDA) Material Teleso: oceľový plech Difúzor: mikropriзмatický PMMA Obruč: hliníkový odliatok Reflektor: leštený anodizovaný hliník Kryt: transparentný PMMA Povrchová úprava Obruč: biela RAL 9003 (W03) Servisná životnosť 50,000 hodín/L80 Teplota okolia Od -20 °C do +35 °C	Montaje Empotradas en el techo Fuente luminica LED Sistema óptico Ref. asim. pulido + cubierta transparente (APT) A petición: Reflector mate/blanco Cableado Equipo de control electrónico FIX/DALI (ECG/EDA) Material Cuerpo: lámina de acero Difusor: microprismático PMMA Reborde: aluminio presofundido Reflector: aluminio anodizado pulido Cubierta: PMMA transparente Tratamiento de la superficie Reborde: blanco RAL 9003 (W03) Vida útil 50,000 horas/L80 Temperatura ambiente Desde -20 °C a +35 °C	Installazione Ad incasso a soffitto Sorgente luminosa LED Sistema ottico Rif. asim. lucido + copertura trasparente (APT) Su richiesta: Riflettore opaco/bianco Cablaggio Ballast elettronico FIX/DALI (ECG/EDA) Materiali Corpo: lamina d'acciaio Diffusore: microprisma PMMA Profilo: pressofusione di alluminio Riflettore: alluminio anodizzato lucido Copertura: PMMA trasparente Finitura Profilo: bianco RAL 9003 (W03) Durata di vita 50,000 ore/L80 Temperatura d'ambiente Da -20 °C a +35 °C	Установка Потолочная встроенная Источник света LED Оптическая система Асим. шлифованный отражатель + чистая крышка (APT) По запросу: Матовый/Белый отражатель Электрическое оснащение Электронный аппарат FIX/DALI (ECG/EDA) Материал Корпус: листовая сталь Рассеиватель: микропризм. полиметилметакрилат Накладка: литой алюминий Отражатель: шлифованный анодированный алюминий Крышка: чистая/матовая полиметилметакрилат Отделка поверхности Накладка: белый RAL 9003 (W03) Срок службы 50,000 часов/L80 Температура окружающей среды От -20 °C до +35 °C

PHOTOMETRY



MOUNTING



TYPE	NET LUMEN OUTPUT (AT TA = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	WEIGHT (kg)
PRETTUS M APT	1500	19	79	80+	3000	1.1
PRETTUS M APT	1550	19	82	80+	4000	1.1
PRETTUS M APT	1950	24	81	80+	3000	1.1
PRETTUS M APT	2050	24	85	80+	4000	1.1
PRETTUS M APT	2350	29	81	80+	3000	1.2
PRETTUS M APT	2450	29	84	80+	4000	1.2

Luminous flux tolerance +/- 10%

POLISHED ASYMMETRIC REFLECTOR AND TRANSPARENT COVER (APT)



MATT ASYMMETRIC REFLECTOR AND TRANSPARENT COVER (AMT)



DOWNLIGHTS



Prettus M Trimless



220-240V
50-60Hz

LED

CRI
80+
Ra

CCT
3000
K

CCT
4000
K

ECG

EDA
DALI

IP
20

IP
40

IP
54

EN

Mounting
Ceiling recessed

Light source
LED

Optical system
Polished reflector (PRE)
Polished reflector + transparent cover (PRT)
Polished reflector + opal cover (PRO)
On request:
Matt/White reflector

Wiring
Electronic control gear FIX/DALI (ECG/EDA)

Materials
Housing: sheet steel
Diffuser: microprismatic PMMA
Trim: die-cast aluminium
Reflector: polished anodised aluminium
Cover: transparent/opal PMMA
Plasterboard trim: aluminium profile

Surface finish
Trim: white RAL 9003 (W03)

Service lifetime
50,000 hours/L80

Ambient temperature
From -20 °C to +35 °C

Montage
Einbauleuchte

Lichtquelle
LED

Optisches System
Polierter Reflektor (PRE)
Polierter Reflektor + durchsichtige Abdeckung (PRT)
Polierter Reflektor + opale Abdeckung (PRO)
Auf Anfrage
Matter/Weisser Reflektor

Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)

Material
Körper: Stahlblech
Diffusor: mikrop Prismatisches PMMA
Einfassung: Aluminiumdruckguss
Reflektor: poliertes eloxiertes Aluminium
Abdeckung: durchsichtiger/opaler PMMA
Einputzeinfassung: Aluminiumprofil

Oberflächenveredelung
Einfassung: weiss RAL 9003 (W03)

Lebensdauer
50,000 Stunden/L80

Umgebungstemperatur
Von -20 °C bis +35 °C

FR

Montage
Plafonnier encastrable

Source lumineuse
LED

Système optique
Réflecteur poli (PRE)
Réflecteur poli + couvercle transparente (PRT)
Réflecteur poli + couvercle opale (PRO)
Sur demande
Réflecteur mat/blanc

Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)

Matériels
Corps: tôle d'acier
Diffuseur: PMMA microprismatique
Moulure: aluminium moulé sous pression
Réflecteur: aluminium anodisé poli
Couvercle: PMMA transparente/opale
Colletterie à plâtrer: aluminium profilé

Finition de surface
Moulure: blanc RAL 9003 (W03)

Durée de vie utile
50,000 heures/L80

Température ambiante
De -20 °C à +35 °C

Montáž
Vsadené

Svetelný zdroj
LED

Optický systém
Leštený reflektor (PRE)
Leštený reflektor + transparentný kryt (PRT)
Leštený reflektor + opálový kryt (PRO)
Na požiadanie
Matný/Bielý reflektor

Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)

Material
Teleso: oceľový plech
Difúzor: mikropriзмatický PMMA
Obruč: hliníkový odlatok
Reflektor: leštený anodizovaný hliník
Kryt: transparentný/opálový PMMA
Obruč do sadrokartónu: hliníkový profil

Povrchová úprava
Obruč: biela RAL 9003 (W03)

Servisná životnosť
50,000 hodin/L80

Teplota okolia
Od -20 °C do +35 °C

ES

Montaje
Empotradas en el techo

Fuente luminica
LED

Sistema óptico
Reflector pulido (PRE)
Reflector pulido + cubierta transparente (PRT)
Reflector pulido + cubierta ópala (PRO)
A petición
Reflector mate/blanco

Cableado
Equipo de control electrónico FIX/DALI (ECG/EDA)

Material
Cuerpo: lámina de acero
Difusor: microprismático PMMA
Reborde: aluminio presofundido
Reflector: aluminio anodizado pulido
Cubierta: PMMA transparente/ópalo
Aro para empotrar en yeso: perfil de aluminio

Tratamiento de la superficie
Reborde: blanco RAL 9003 (W03)

Vida útil
50,000 horas/L80

Temperatura ambiente
Desde -20 °C a +35 °C

Installazione
Ad incasso a soffitto

Sorgente luminosa
LED

Sistema ottico
Riflettore lucido (PRE)
Riflettore lucido + copertura trasparente (PRT)
Riflettore lucido + copertura opale (PRO)
Su richiesta
Riflettore opaco/bianco

Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)

Materiali
Corpo: lamina d'acciaio
Diffusore: microprisma PMMA
Profilo: pressofusione di alluminio
Riflettore: alluminio anodizzato lucido
Copertura: PMMA trasparente/opale
Profilo in cartongesso: profilo in alluminio

Finitura
Profilo: bianco RAL 9003 (W03)

Durata di vita
50,000 ore/L80

Temperatura d'ambiente
Da -20 °C a +35 °C

RU

Установка
Потолочная встроенная

Источник света
LED

Оптическая система
Шлифованный отражатель (PRE)
Шлифованный отражатель + чистая крышка (PRT)
Шлифованный отражатель + чистая крышка (PRO)
По запросу
Матовый/Белый отражатель

Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)

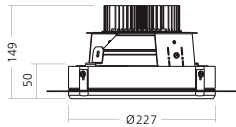
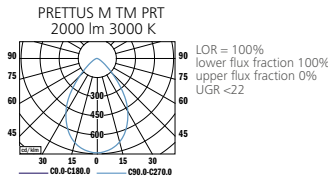
Материал
Корпус: листовая сталь
Рассеиватель: микропризм. полиметилметакрилат
Накладка: литой алюминий
Отражатель: шлифованный анодированный алюминий
Крышка: чистая/матовая полиметилметакрилат
Гипсокартонная накладка: алюминиевый профиль

Отделка поверхности
Накладка: белый RAL 9003 (W03)

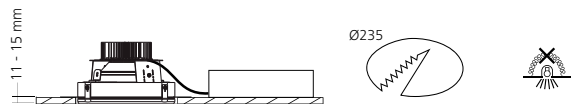
Срок службы
50,000 часов/L80

Температура окружающей среды
От -20 °C до +35 °C

PHOTOMETRY



MOUNTING



TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CON-SUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE	WEIGHT (kg)
PRETTUS M TM PRE	1700	20	85	80+	3000	72°	1.8
PRETTUS M TM PRE	1800	20	92	80+	4000	72°	1.8
PRETTUS M TM PRE	2200	24	92	80+	3000	72°	1.8
PRETTUS M TM PRE	2300	24	96	80+	4000	72°	1.8
PRETTUS M TM PRE	2650	29	91	80+	3000	72°	1.8
PRETTUS M TM PRE	2800	29	97	80+	4000	72°	1.8
PRETTUS M TM PRT	1600	20	80	80+	3000	72°	2.0
PRETTUS M TM PRT	1700	20	85	80+	4000	72°	2.0
PRETTUS M TM PRT	2000	24	83	80+	3000	72°	2.0
PRETTUS M TM PRT	2150	24	90	80+	4000	72°	2.0
PRETTUS M TM PRT	2450	29	84	80+	3000	72°	2.0
PRETTUS M TM PRT	2600	29	90	80+	4000	72°	2.0
PRETTUS M TM PRO	1550	20	78	80+	3000	74°	2.0
PRETTUS M TM PRO	1650	20	83	80+	4000	74°	2.0
PRETTUS M TM PRO	1950	24	81	80+	3000	74°	2.0
PRETTUS M TM PRO	2100	24	88	80+	4000	74°	2.0
PRETTUS M TM PRO	2400	29	83	80+	3000	74°	2.0
PRETTUS M TM PRO	2550	29	88	80+	4000	74°	2.0

Luminous flux tolerance +/- 10 %.



DOWNLIGHTS

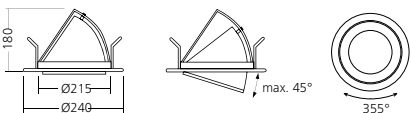
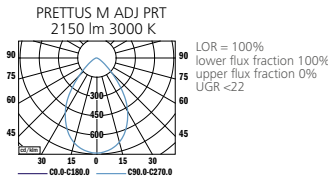


PRETTUS M
ADJUSTABLE
LED

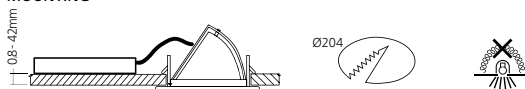
FASTRUNNER

Prettus M Adjustable

PHOTOMETRY



MOUNTING



TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE	EMERGENCY UNIT 3H (lm)	WEIGHT (kg)
PRETTUS M ADJ PRE	1750	20	88	80+	3000	72°	370	0.9
PRETTUS M ADJ PRE	1850	20	93	80+	4000	72°	380	0.9
PRETTUS M ADJ PRE	2250	24	94	80+	3000	72°	370	0.9
PRETTUS M ADJ PRE	2350	24	98	80+	4000	72°	380	0.9
PRETTUS M ADJ PRE	2700	29	93	80+	3000	72°	370	0.9
PRETTUS M ADJ PRE	2850	29	98	80+	4000	72°	380	0.9
PRETTUS M ADJ PRT	1650	20	83	80+	3000	72°	360	1.0
PRETTUS M ADJ PRT	1750	20	88	80+	4000	72°	370	1.0
PRETTUS M ADJ PRT	2050	24	85	80+	3000	72°	360	1.0
PRETTUS M ADJ PRT	2200	24	92	80+	4000	72°	370	1.0
PRETTUS M ADJ PRT	2500	29	86	80+	3000	72°	360	1.0
PRETTUS M ADJ PRT	2650	29	91	80+	4000	72°	370	1.0
PRETTUS M ADJ PRO	1600	20	80	80+	3000	74°	–	1.0
PRETTUS M ADJ PRO	1700	20	85	80+	4000	74°	–	1.0
PRETTUS M ADJ PRO	2000	24	83	80+	3000	74°	–	1.0
PRETTUS M ADJ PRO	2150	24	90	80+	4000	74°	–	1.0
PRETTUS M ADJ PRO	2450	29	84	80+	3000	74°	–	1.0
PRETTUS M ADJ PRO	2600	29	90	80+	4000	74°	–	1.0

Luminous flux tolerance +/- 10 %.



POLISHED REFLECTOR (PRE)



MATT REFLECTOR (MRE)



WHITE ANODISED REFLECTOR (WRE)



POLISHED REFLECTOR AND TRANSPARENT COVER (PRT)



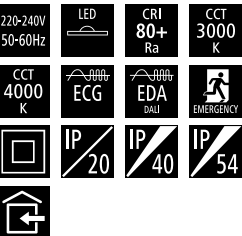
MATT REFLECTOR AND TRANSPARENT COVER (MRT)



WHITE ANODISED REFLECTOR AND TRANSPARENT COVER (WRT)



POLISHED REFLECTOR AND OPAL COVER (PRO)



EN

Mounting
Ceiling recessed
Light source
LED
Optical system
Polished reflector (PRE)
Polished reflector + transparent cover (PRT)
Polished reflector + opal cover (PRO)
On request:
Matt/White reflector
Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Emergency unit variant (3H)
Materials
Housing: sheet steel
Diffuser: microprismatic PMMA
Trim: die-cast aluminium
Reflector: polished anodised aluminium
Cover: transparent/opal PMMA
Surface finish
Trim: white RAL 9003 (W03)
Service lifetime
50,000 hours/L80
Ambient temperature
From -20 °C to +35 °C (from 0°C with EM unit)

DE

Montage
Einbauleuchte
Lichtquelle
LED
Optisches System
Polierter Reflektor (PRE)
Polierter Reflektor + durchsichtige Abdeckung (PRT)
Polierter Reflektor + opale Abdeckung (PRO)
Auf Anfrage
Matter/Weisser Reflektor
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Notbeleuchtung Variante (3H)
Material
Körper: Stahlblech
Diffusor: mikrop Prismatisches PMMA
Einfassung: Aluminiumdruckguss
Reflektor: poliertes eloxiertes Aluminium
Abdeckung: durchsichtiger/opaler PMMA
Oberflächenveredelung
Einfassung: weiss RAL 9003 (W03)
Lebensdauer
50,000 Stunden/L80
Umgebungstemperatur
Von -20 °C bis +35 °C (von 0°C mit Notbeleuchtung)

FR

Montage
Plafonnier encastrable
Source lumineuse
LED
Système optique
Réflecteur poli (PRE)
Réflecteur poli + couvercle transparente (PRT)
Réflecteur poli + couvercle opale (PRO)
Sur demande
Réflecteur mat/blanc
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Variante s'unité de secours (3H)
Matériels
Corps: tôle d'acier
Diffuseur: PMMA microprismatique
Moulure: aluminium moulé sous pression
Reflektor: aluminium anodisé poli
Couvercle: PMMA transparente/opale
Finition de surface
Moulure: blanc RAL 9003 (W03)
Durée de vie utile
50,000 heures/L80
Température ambiante
De -20 °C à +35 °C
(de 0°C avec l'unité de secours)

SK

Montáž
Vsadené
Svetelný zdroj
LED
Optický systém
Leštený reflektor (PRE)
Leštený reflektor + transparentný kryt (PRT)
Leštený reflektor + opálový kryt (PRO)
Na požiadanie
Matný/Bielý reflektor
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Varianta s núdzovou jednotkou (3H)
Material
Teleso: oceľový plech
Difúzor: mikropriзмatický PMMA
Obruč: hliníkový odlatok
Reflektor: leštený anodizovaný hliník
Kryt: transparentný/opálový PMMA
Povrchová úprava
Obruč: biela RAL 9003 (W03)
Servisná životnosť
50,000 hodín/L80
Teplota okolia
Od -20 °C do +35 °C
(od 0°C s núdzovou jednotkou)

ES

Montaje
Empotradas en el techo
Fuente luminica
LED
Sistema óptico
Reflector pulido (PRE)
Reflector pulido + cubierta transparente (PRT)
Reflector pulido + cubierta ópala (PRO)
A petición
Reflector mate/blanco
Cableado
Equipo de control electrónico FIX/DALI (ECG/EDA)
Variante unidad de emergencia (3H)
Material
Cuerpo: lámina de acero
Difusor: microprismático PMMA
Reborde: aluminio presofundido
Reflector: aluminio anodizado pulido
Cubierta: PMMA transparente/ópalo
Tratamiento de la superficie
Reborde: blanco RAL 9003 (W03)
Vida útil
50,000 horas/L80
Temperatura ambiente
Desde -20 °C a +35 °C
(desde 0°C con unidad de emergencia)

IT

Installazione
Ad incasso a soffitto
Sorgente luminosa
LED
Sistema ottico
Riflettore lucido (PRE)
Riflettore lucido + copertura trasparente (PRT)
Riflettore lucido + copertura opale (PRO)
Su richiesta
Riflettore opaco/bianco
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Variante unità di emergenza (3H)
Materiali
Corpo: lamina d'acciaio
Diffusore: microprisma PMMA
Profilo: pressofusione di alluminio
Riflettore: alluminio anodizzato lucido
Copertura: PMMA trasparente/opale
Finitura
Profilo: bianco RAL 9003 (W03)
Durata di vita
50,000 ore/L80
Temperatura d'ambiente
Da -20 °C a +35 °C
(da 0°C con unità di emergenza)

RU

Установка
Потолочная встроенная
Источник света
LED
Оптическая система
Шлифованный отражатель (PRE)
Шлифованный отражатель + чистая крышка (PRT)
Шлифованный отражатель + чистая крышка (PRO)
По запросу
Матовый/белый отражатель
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Блок аварийного освещения (3H)
Материал
Корпус: листовая сталь
Рассеиватель: микропризм. полиметилметакрилат
Накладка: литой алюминий
Отражатель: шлифованный анодированный алюминий
Крышка: чистая/матовая полиметилметакрилат
Отделка поверхности
Накладка: белый RAL 9003 (W03)
Срок службы
50,000 часов/L80
Температура окружающей среды
От -20 °C до +35 °C (от 0°C с аварийного освещения)



Prettus L



Prettus L



220-240V
50-60Hz

LED

CRI
80+
Ra

CCT
3000
K

CCT
4000
K

ECG

EDA
DALI

EMERGENCY

IP
20

IP
40

IP
54

EN

Mounting
Ceiling recessed

Light source
LED

Optical system
Polished reflector (PRE)
Polished reflector + transparent cover (PRT)
Polished reflector + opal cover (PRO)

On request:
Matt/White reflector

Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Emergency unit variant (3H)

Materials
Housing: sheet steel
Diffuser: microprismatic PMMA
Trim: die-cast aluminium
Reflector: polished anodised aluminium
Cover: transparent/opal PMMA

Surface finish
Trim: white RAL 9003 (W03)

Service lifetime
50,000 hours/L80

Ambient temperature
From -20 °C to +35 °C (from 0°C with EM unit)

DE

Montage
Einbauleuchte

Light source
LED

Optisches System
Polierter Reflektor (PRE)
Polierter Reflektor + durchsichtige Abdeckung (PRT)
Polierter Reflektor + opale Abdeckung (PRO)

Auf Anfrage:
Matter/Weisser Reflektor

Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Notbeleuchtung Variante (3H)

Material
Körper: Stahlblech
Diffusor: mikrop Prismatisches PMMA
Einfassung: Aluminiumdruckguss
Reflektor: poliertes eloxiertes Aluminium
Abdeckung: durchsichtiger/opaler PMMA

Oberflächenveredelung
Einfassung: weiss RAL 9003 (W03)

Lebensdauer
50,000 Stunden/L80

Umgebungstemperatur
Von -20 °C bis +35 °C (von 0°C mit Notbeleuchtung)

FR

Montage
Plafonnier encastrable

Source lumineuse
LED

Système optique
Réflecteur poli (PRE)
Réflecteur poli + couvercle transparente (PRT)
Réflecteur poli + couvercle opale (PRO)

Sur demande:
Réflecteur mat/blanc

Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Variante de l'unité de secours (3H)

Matériels
Corps: tôle d'acier
Diffuseur: PMMA microprismatique
Moulure: aluminium moulé sous pression
Reflektor: aluminium anodisé poli
Couvercle: PMMA transparente/opale

Finition de surface
Moulure: blanc RAL 9003 (W03)

Durée de vie utile
50,000 heures/L80

Température ambiante
De -20 °C à +35 °C
(de 0°C avec l'unité de secours)

SK

Montáž
Vsadené

Svetelný zdroj
LED

Optický systém
Leštený reflektor (PRE)
Leštený reflektor + transparentný kryt (PRT)
Leštený reflektor + opalový kryt (PRO)

Na požiadanie:
Matný/Bielý reflektor

Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Varianta s núdzovou jednotkou (3H)

Material
Teleso: oceľový plech
Difúzor: mikropriзмatický PMMA
Obruč: hliníkový odliatok
Reflektor: leštený anodizovaný hliník
Kryt: transparentný/opalový PMMA

Povrchová úprava
Obruč: biela RAL 9003 (W03)

Servisná životnosť
50,000 hodin/L80

Teplota okolia
Od -20 °C do +35 °C
(od 0°C s núdzovou jednotkou)

ES

Montaje
Empotradas en el techo

Fuente luminica
LED

Sistema óptico
Reflector pulido (PRE)
Reflector pulido + cubierta transparente (PRT)
Reflector pulido + cubierta ópala (PRO)

A petición:
Reflector mate/blanco

Cableado
Equipo de control electrónico FIX/DALI (ECG/EDA)
Variante unidad de emergencia (3H)

Material
Cuerpo: lámina de acero
Difusor: microprisma PMMA
Reborde: aluminio presofundido
Reflector: aluminio anodizado pulido
Cubierta: PMMA transparente/ópalo

Tratamiento de la superficie
Reborde: blanco RAL 9003 (W03)

Vida útil
50,000 horas/L80

Temperatura ambiente
Desde -20 °C a +35 °C
(desde 0°C con unidad de emergencia)

IT

Installazione
Ad incasso a soffitto

Sorgente luminosa
LED

Sistema ottico
Riflettore lucido (PRE)
Riflettore lucido + copertura trasparente (PRT)
Riflettore lucido + copertura opale (PRO)

Su richiesta:
Riflettore opaco/bianco

Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Variante unità di emergenza (3H)

Materiali
Corpo: lamina d'acciaio
Diffusore: microprisma PMMA
Profilo: pressofusione di alluminio
Riflettore: alluminio anodizzato lucido
Copertura: PMMA trasparente/opale

Finitura
Profilo: bianco RAL 9003 (W03)

Durata di vita
50,000 ore/L80

Temperatura d'ambiente
Da -20 °C a +35 °C
(da 0°C con unità di emergenza)

RU

Установка
Потолочная встроенная

Источник света
LED

Оптическая система
Шлифованный отражатель (PRE)
Шлифованный отражатель + чистая крышка (PRT)
Шлифованный отражатель + чистая крышка (PRO)

По запросу:
Матовый/белый отражатель

Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Блок аварийного освещения (3H)

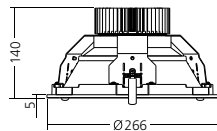
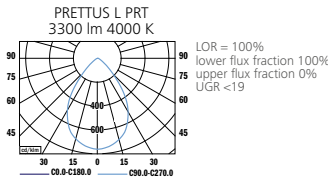
Материал
Корпус: листовая сталь
Рассеиватель: микроприз. полиметилметакрилат
Накладка: литой алюминий
Отражатель: шлифованный анодированный алюминий
Крышка: чистая/матовая полиметилметакрилат

Отделка поверхности
Накладка: белый RAL 9003 (W03)

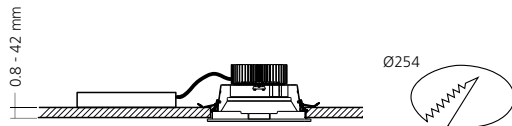
Срок службы
50,000 часов/L80

Температура окружающей среды
От -20 °C до +35 °C (от 0°C с аварийного освещения)

PHOTOMETRY



MOUNTING



TYPE	NET LUMEN OUTPUT (AT TA = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE	EMERGENCY UNIT 3H (lm)	WEIGHT (kg)
PRETTUS L PRE	2900	29	100	80+	3000	69°	380	1.1
PRETTUS L PRE	3050	29	105	80+	4000	69°	390	1.1
PRETTUS L PRE	3350	33	102	80+	3000	69°	380	1.1
PRETTUS L PRE	3500	33	106	80+	4000	69°	390	1.1
PRETTUS L PRT	2750	29	95	80+	3000	69°	370	1.3
PRETTUS L PRT	2900	29	100	80+	4000	69°	380	1.3
PRETTUS L PRT	3150	33	95	80+	3000	69°	370	1.3
PRETTUS L PRT	3300	33	100	80+	4000	69°	380	1.3
PRETTUS L PRO	2700	29	93	80+	3000	74°	–	1.3
PRETTUS L PRO	2850	29	98	80+	4000	74°	–	1.3
PRETTUS L PRO	3100	33	94	80+	3000	74°	–	1.3
PRETTUS L PRO	3250	33	98	80+	4000	74°	–	1.3

Luminous flux tolerance +/- 10%



POLISHED REFLECTOR (PRE)



MATT REFLECTOR (MRE)



WHITE ANODISED REFLECTOR (WRE)



POLISHED REFLECTOR AND TRANSPARENT COVER (PRT)



MATT REFLECTOR AND TRANSPARENT COVER (MRT)



WHITE ANODISED REFLECTOR AND TRANSPARENT COVER (WRT)



POLISHED REFLECTOR AND OPAL COVER (PRO)



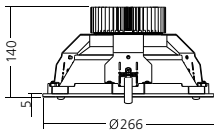
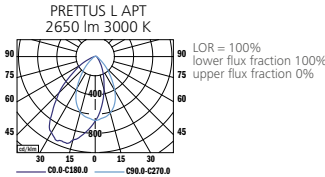
DOWNLIGHTS

PRETTUS L ASYM

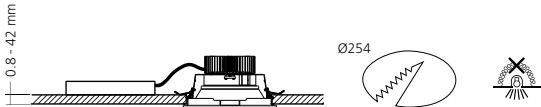
POLISHED
LED



PHOTOMETRY



MOUNTING



TYPE	NET LUMEN OUTPUT (AT TA = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	WEIGHT (kg)
PRETTUS L APT	2250	29	78	80+	3000	1.4
PRETTUS L APT	2350	29	81	80+	4000	1.4
PRETTUS L APT	2650	33	80	80+	3000	1.4
PRETTUS L APT	2750	33	83	80+	4000	1.4

Luminous flux tolerance +/- 10%

POLISHED ASYMMETRIC REFLECTOR
AND TRANSPARENT COVER (APT)

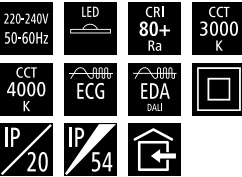


MATT ASYMMETRIC REFLECTOR AND
TRANSPARENT COVER (AMT)



DOWNLIGHTS

Prettus L Asym



EN

Mounting
Ceiling recessed
Light source
LED
Optical system
Asym. polished reflector + transp. cover (APT)
On request:
Matt/White reflector
Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Materials
Housing: sheet steel
Diffuser: microprismatic PMMA
Trim: die-cast aluminium
Reflector: polished anodised aluminium
Cover: transparent PMMA
Surface finish
Trim: white RAL 9003 (W03)
Service lifetime
50,000 hours/L80
Ambient temperature
From -20 °C to +35 °C

DE

Montage
Einbauleuchte
Lichtquelle
LED
Optisches System
Asym. polierter Ref. + durchsichtige Abdeckung (APT)
Auf Anfrage:
Matter/Weisser Reflektor
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Material
Körper: Stahlblech
Diffusor: mikrop Prismatisches PMMA
Einfassung: Aluminiumdruckguss
Reflektor: poliertes eloxiertes Aluminium
Abdeckung: durchsichtiger PMMA
Oberflächenveredelung
Einfassung: weiss RAL 9003 (W03)
Lebensdauer
50,000 Stunden/L80
Umgebungstemperatur
Von -20 °C bis +35 °C

FR

Montage
Plafonnier encastrable
Source lumineuse
LED
Système optique
Réf. asym. poli + couvercle transparente (APT)
Sur demande:
Réflecteur mat/blanc
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Matériels
Corps: tôle d'acier
Diffuseur: PMMA microprismatique
Moulure: aluminium moulé sous pression
Réflecteur: aluminium anodisé poli
Couvercle: PMMA transparente
Finition de surface
Moulure: blanc RAL 9003 (W03)
Durée de vie utile
50,000 heures/L80
Température ambiante
De -20 °C à +35 °C

SK

Montáž
Vsadené
Svetelný zdroj
LED
Optický systém
Asym. leštený ref. + transparentný kryt (APT)
Na požiadanie:
Matný/Bielý reflektor
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Material
Teleso: oceľový plech
Difúzor: mikropriзмatický PMMA
Obruč: hliníkový odliatok
Reflektor: leštený anodizovaný hliník
Kryt: transparentný PMMA
Povrchová úprava
Obruč: biela RAL 9003 (W03)
Servisná životnosť
50,000 hodín/L80
Teplota okolia
Od -20 °C do +35 °C

ES

Montaje
Empotradas en el techo
Fuente luminica
LED
Sistema óptico
Ref. asim. pulido + cubierta transparente (APT)
A petición:
Reflector mate/blanco
Cableado
Equipo de control electrónico FIX/DALI (ECG/EDA)
Material
Cuerpo: lámina de acero
Difusor: microprismático PMMA
Reborde: aluminio presofundido
Reflector: aluminio anodizado pulido
Cubierta: PMMA transparente
Tratamiento de la superficie
Reborde: blanco RAL 9003 (W03)
Vida útil
50,000 horas/L80
Temperatura ambiente
Desde -20 °C a +35 °C

IT

Installazione
Ad incasso a soffitto
Sorgente luminosa
LED
Sistema ottico
Rif. asim. lucido + copertura trasparente (APT)
Su richiesta:
Riflettore opaco/bianco
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Materiali
Corpo: lamina d'acciaio
Diffusore: microprisma PMMA
Profilo: pressofusione di alluminio
Riflettore: alluminio anodizzato lucido
Copertura: PMMA trasparente
Finitura
Profilo: bianco RAL 9003 (W03)
Durata di vita
50,000 ore/L80
Temperatura d'ambiente
Da -20 °C a +35 °C

RU

Установка
Потолочная встроенная
Источник света
LED
Оптическая система
Асим. шлифованный отражатель + чистая крышка (APT)
По запросу:
Матовый/Белый отражатель
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Материал
Корпус: листовая сталь
Рассеиватель: микропризм. полиметилметакрилат
Накладка: литой алюминий
Отражатель: шлифованный анодированный алюминий
Крышка: чистая/матовая полиметилметакрилат
Отделка поверхности
Накладка: белый RAL 9003 (W03)
Срок службы
50,000 часов/L80
Температура окружающей среды
От -20 °C до +35 °C



Prettus XTP



220-240V
50-60Hz

LED

CRI
80+
Ra

CCT
3000
K

CCT
4000
K

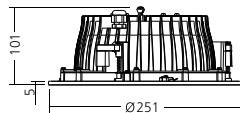
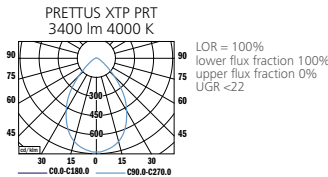
ECG

EDA
DALI

IP
65

EN Mounting Ceiling recessed Light source LED Optical system Polished reflector + transparent cover (PRT) Polished reflector + opal cover (PRO) On request: Matt/White reflector Wiring Electronic control gear FIX/DALI (ECG/EDA) Materials Housing: die-cast aluminium Diffuser: microprismatic PMMA Trim: die-cast aluminium Reflector: polished anodised aluminium Cover: transparent/opal glass Surface finish Trim: white RAL 9003 (W03) Service lifetime 50,000 hours/L80 Ambient temperature From -20 °C to +35 °C	DE Montage Einbauleuchte Lichtquelle LED Optisches System Polierter Reflektor + durchsichtige Abdeckung (PRT) Polierter Reflektor + opale Abdeckung (PRO) Auf Anfrage Matter/Weisser Reflektor Vorschaltgerät Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA) Material Körper: Aluminiumdruckguss Diffusor: mikrop Prismatisches PMMA Einfassung: Aluminiumdruckguss Reflektor: poliertes eloxiertes Aluminium Abdeckung: durchsichtiger/opaler Glas Oberflächenveredelung Einfassung: weiss RAL 9003 (W03) Lebensdauer 50,000 Stunden/L80 Umgebungstemperatur Von -20 °C bis +35 °C	FR Montage Plafonnier encastrable Source lumineuse LED Système optique Réflecteur poli + couvercle transparente (PRT) Réflecteur poli + couvercle opale (PRO) Sur demande Réflecteur mat/blanc Équipement électrique Ballast électronique FIX/DALI (ECG/EDA) Matériels Corps: aluminium moulé sous pression Diffuseur: PMMA microprismatique Moulure: aluminium moulé sous pression Réflecteur: aluminium anodisé poli Couvercle: verre transparente/opale Finition de surface Moulure: blanc RAL 9003 (W03) Durée de vie utile 50,000 heures/L80 Température ambiante De -20 °C à +35 °C	SK Montáž Vsadené Svetelný zdroj LED Optický systém Leštený reflektor + transparentný kryt (PRT) Leštený reflektor + opálový kryt (PRO) Na požiadanie Matný/Bielý reflektor Elektrická výbava Elektronický predradník FIX/DALI (ECG/EDA) Material Telo: hliníkový odliatok Difúzor: mikropriзмatický PMMA Obruč: hliníkový odliatok Reflektor: leštený anodizovaný hliník Kryt: transparentné/opálové sklo Povrchová úprava Obruč: biela RAL 9003 (W03) Servisná životnosť 50,000 hodín/L80 Teplota okolia Od -20 °C do +35 °C	ES Montaje Empotradas en el techo Fuente luminica LED Sistema óptico Reflector pulido + cubierta transparente (PRT) Reflector pulido + cubierta ópala (PRO) A petición Reflector mate/blanco Cableado Equipo de control electrónico FIX/DALI (ECG/EDA) Material Cuerpo: aluminio presofundido Difusor: microprismático PMMA Reborde: aluminio presofundido Reflector: aluminio anodizado pulido Cubierta: cristal transparente/ópalo Tratamiento de la superficie Reborde: blanco RAL 9003 (W03) Vida útil 50,000 horas/L80 Temperatura ambiente Desde -20 °C a +35 °C	IT Installazione Ad incasso a soffitto Sorgente luminosa LED Sistema ottico Riflettore lucido + copertura trasparente (PRT) Riflettore lucido + copertura opale (PRO) Su richiesta Riflettore opaco/bianco Cablaggio Ballast elettronico FIX/DALI (ECG/EDA) Materiali Corpo: pressofusione di alluminio Diffusore: microprisma PMMA Profilo: pressofusione di alluminio Riflettore: alluminio anodizzato lucido Copertura: vetro trasparente/opale Finitura Profilo: bianco RAL 9003 (W03) Durata di vita 50,000 ore/L80 Temperatura d'ambiente Da -20 °C a +35 °C	RU Установка Потолочная встроенная Источник света LED Оптическая система Шлифованный отражатель + чистая крышка (PRT) Шлифованный отражатель + чистая крышка (PRO) По запросу Матовый/Белый отражатель Электрическое оснащение Электронный аппарат FIX/DALI (ECG/EDA) Материал Корпус: литой алюминий Рассеиватель: микропризм. полиметилметакрилат Накладка: литой алюминий Отражатель: шлиф анодированный алюминий Крышка: чистое/матовое стекло Отделка поверхности Накладка: белый RAL 9003 (W03) Срок службы 50,000 часов/L80 Температура окружающей среды От -20 °C до +35 °C
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PHOTOMETRY



MOUNTING



TYPE	NET LUMEN OUTPUT (AT TA = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE	WEIGHT (kg)
PRETTUS XTP PRT	1850	19	97	80+	3000	72°	2.0
PRETTUS XTP PRT	1950	19	103	80+	4000	72°	2.0
PRETTUS XTP PRT	2350	24	98	80+	3000	72°	2.0
PRETTUS XTP PRT	2450	24	102	80+	4000	72°	2.0
PRETTUS XTP PRT EDA	2800	29	97	80+	3000	72°	2.0
PRETTUS XTP PRT EDA	2950	29	102	80+	4000	72°	2.0
PRETTUS XTP PRT ECG	3200	30	107	80+	3000	72°	2.0
PRETTUS XTP PRT ECG	3350	30	112	80+	4000	72°	2.0
PRETTUS XTP PRO	1550	19	82	80+	3000	74°	2.0
PRETTUS XTP PRO	1650	19	87	80+	4000	74°	2.0
PRETTUS XTP PRO	2000	24	83	80+	3000	74°	2.0
PRETTUS XTP PRO	2100	24	88	80+	4000	74°	2.0
PRETTUS XTP PRO EDA	2450	29	84	80+	3000	74°	2.0
PRETTUS XTP PRO EDA	2500	29	88	80+	4000	74°	2.0
PRETTUS XTP PRO ECG	3700	30	90	80+	3000	74°	2.0
PRETTUS XTP PRO ECG	3850	30	95	80+	4000	74°	2.0

Luminous flux tolerance +/- 10%



POLISHED REFLECTOR AND
TRANSPARENT COVER (PRT)



MATT REFLECTOR AND
TRANSPARENT COVER (MRT)



WHITE ANODISED REFLECTOR AND
TRANSPARENT COVER (WRT)



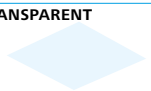
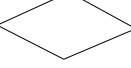
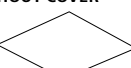
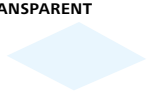
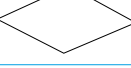
POLISHED REFLECTOR
AND OPAL COVER (PRO)



DOWNLIGHTS



Noviel

	Mounting	Light distribution	Reflector	Cover	IP	STANDARD				ON REQUEST	
						CRI	CCT	ECG	Emergency unit	CRI	CCT
NOVIEL S			POLISHED 	OPAL 	IP 44	CRI 80+ Ra	CCT 3000 K	ECG 	EMERGENCY 	CRI 90+ Ra	CCT 5000 K
			MATT 	TRANSPARENT 	IP 44		CCT 4000 K	ECG DALI 			CCT 6500 K
			POLISHED ASYM 	WITHOUT COVER 	IP 40						CCT 2700 K
			MATT ASYM 								
NOVIEL M			POLISHED 	OPAL 	IP 44	CRI 80+ Ra	CCT 3000 K	ECG 	EMERGENCY 	CRI 90+ Ra	CCT 5000 K
			MATT 	TRANSPARENT 	IP 44		CCT 4000 K	ECG DALI 			CCT 6500 K
			POLISHED ASYM 	WITHOUT COVER 	IP 40						CCT 2700 K
			MATT ASYM 								
NOVIEL L			POLISHED 	OPAL 	IP 44	CRI 80+ Ra	CCT 3000 K	ECG 	EMERGENCY 	CRI 90+ Ra	CCT 5000 K
			MATT 	TRANSPARENT 	IP 44		CCT 4000 K	ECG DALI 			CCT 6500 K
			POLISHED ASYM 	WITHOUT COVER 	IP 40						CCT 2700 K
			MATT ASYM 								

NOVIEL S



NOVIEL S ASYM



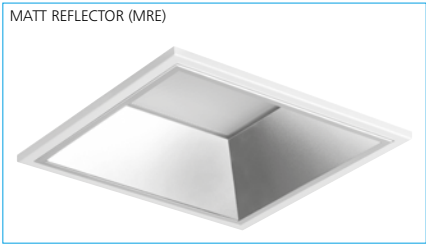
NOVIEL M



NOVIEL M ASYM



NOVIEL L



NOVIEL L ASYM





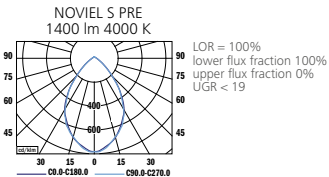
NOVIEL S
POLISHED
LED

LED

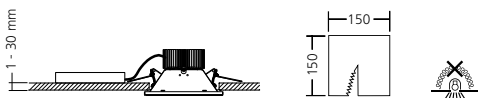
FASTRUNNER

Noviel S

PHOTOMETRY



MOUNTING



TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE	EMERGENCY UNIT 3H (lm)	WEIGHT (kg)
NOVIEL S PRE	1350	15	90	80+	3000	70°	360	0.9
NOVIEL S PRE	1400	15	93	80+	4000	70°	370	0.9
NOVIEL S PRE	1900	20	95	80+	3000	70°	360	0.9
NOVIEL S PRE	2000	20	100	80+	4000	70°	370	0.9
NOVIEL S PRT	1300	15	87	80+	3000	70°	350	0.9
NOVIEL S PRT	1350	15	90	80+	4000	70°	360	0.9
NOVIEL S PRT	1850	20	93	80+	3000	70°	350	0.9
NOVIEL S PRT	1950	20	98	80+	4000	70°	360	0.9
NOVIEL S PRO	1300	15	87	80+	3000	79°	–	0.9
NOVIEL S PRO	1350	15	90	80+	4000	79°	–	0.9
NOVIEL S PRO	1850	20	93	80+	3000	79°	–	0.9
NOVIEL S PRO	1950	20	98	80+	4000	79°	–	0.9

Luminous flux tolerance +/- 10%



POLISHED REFLECTOR (PRE)



POLISHED REFLECTOR AND TRANSPARENT COVER (PRT)



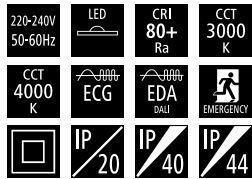
POLISHED REFLECTOR AND OPAL COVER (PRO)



MATT REFLECTOR (MRE)



MATT REFLECTOR AND TRANSPARENT COVER (MRT)



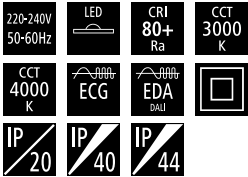
EN Mounting Ceiling recessed Light source LED Optical system Polished reflector (PRE) Polished reflector + transparent cover (PRT) Polished reflector + opal cover (PRO) On request: Matt reflector Wiring Electronic control gear FIX/DALI (ECG/EDA) Emergency unit variant (3H) Materials Housing: sheet steel Diffuser: microprismatic PMMA Trim: sheet steel Reflector: polished anodised aluminium Cover: transparent/opal PMMA Surface finish Trim: white RAL 9003 (W03) Service lifetime 50,000 hours/L80 Ambient temperature From -20 °C to +35 °C (from 0°C with EM unit)	DE Montage Einbauleuchte Lichtquelle LED Optisches System Polierter Reflektor (PRE) Polierter Reflektor + durchsichtige Abdeckung (PRT) Polierter Reflektor + opale Abdeckung (PRO) Auf Anfrage Matter Reflektor Vorschaltgerät Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA) Notbeleuchtung Variante (3H) Material Körper: Stahlblech Diffusor: mikroprismatisches PMMA Einfassung: Stahlblech Reflektor: poliertes eloxiertes Aluminium Abdeckung: durchsichtiger/opaler PMMA Oberflächenveredelung Einfassung: weiss RAL 9003 (W03) Lebensdauer 50,000 Stunden/L80 Umgebungstemperatur Von -20 °C bis +35 °C (von 0°C mit Notbeleuchtung)	FR Montage Plafonnier encastré Source lumineuse LED Système optique Réflecteur poli (PRE) Réflecteur poli + couvercle transparente (PRT) Réflecteur poli + couvercle opale (PRO) Sur demande Réflecteur mat Équipement électrique Ballast électronique FIX/DALI (ECG/EDA) Variante de l'unité de secours (3H) Matériels Corps: tôle d'acier Diffuseur: PMMA microprismatique Moulure: tôle d'acier Réflecteur: aluminium anodisé poli Couvercle: PMMA transparente/opale Finition de surface Moulure: blanc RAL 9003 (W03) Durée de vie utile 50,000 heures/L80 Température ambiante De -20 °C à +35 °C (de 0°C avec l'unité de secours)	SK Montáž Vsadené Svetelný zdroj LED Optický systém Leštený reflektor (PRE) Leštený reflektor + transparentný kryt (PRT) Leštený reflektor + opálový kryt (PRO) Na požiadanie Matný reflektor Elektrická výbava Elektronický predradník FIX/DALI (ECG/EDA) Varianta s núdzovou jednotkou (3H) Material Teleso: ocelový plech Difúzor: mikroprizmatický PMMA Obruč: ocelový plech Reflektor: leštený anodizovaný hliník Kryt: transparentný/opálový PMMA Povrchová úprava Obruč: biela RAL 9003 (W03) Servisná životnosť 50,000 hodin/L80 Teplota okolia Od -20 °C do +35 °C (od 0°C s núdzovou jednotkou)	ES Montaje Empotradas en el techo Fuente luminica LED Sistema óptico Reflector pulido (PRE) Reflector pulido + cubierta transparente (PRT) Reflector pulido + cubierta ópala (PRO) A petición Reflector mate Cableado Equipo de control electrónico FIX/DALI (ECG/EDA) Variante unidad de emergencia (3H) Material Cuerpo: lámina de acero Difusor: microprismático PMMA Reborde: lámina de acero Reflector: aluminio anodizado pulido Cubierta: PMMA transparente/ópalo Tratamiento de la superficie Reborde: blanco RAL 9003 (W03) Vida útil 50,000 horas/L80 Temperatura ambiente Desde -20 °C a +35 °C (desde 0°C con unidad de emergencia)	IT Installazione Ad incasso a soffitto Sorgente luminosa LED Sistema ottico Riflettore lucido (PRE) Riflettore lucido + copertura trasparente (PRT) Riflettore lucido + copertura opale (PRO) Su richiesta Riflettore opaco Cablaggio Ballast elettronico FIX/DALI (ECG/EDA) Variante unità di emergenza (3H) Materiali Corpo: lamina d'acciaio Diffusore: microprisma PMMA Profilo: lamina d'acciaio Riflettore: alluminio anodizzato lucido Copertura: PMMA trasparente/opale Finitura Profilo: bianco RAL 9003 (W03) Durata di vita 50,000 ore/L80 Temperatura d'ambiente Da -20 °C a +35 °C (da 0°C con unità di emergenza)	RU Установка Потолочная встроенная Источник света LED Оптическая система Шлифованный отражатель (PRE) Шлифованный отражатель + чистая крышка (PRT) Шлифованный отражатель + чистая крышка (PRO) По запросу Матовый отражатель Электрическое оснащение Электронный аппарат FIX/DALI (ECG/EDA) Блок аварийного освещения (3H) Материал Корпус: листовая сталь Рассеиватель: микроприз. полиметилметакрилат Накладка: листовая сталь Отражатель: шлиф. анодированный алюминий Крышка: чистая/матовая полиметилметакрилат Отделка поверхности Накладка: белый RAL 9003 (W03) Срок службы 50,000 часов/L80 Температура окружающей среды От -20 °C до +35 °C (от 0°C с аварийного освещения)
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NOVIEL S ASYM

POLISHED
LED



Noviel S Asym



EN

Mounting
Ceiling recessed
Light source
LED
Optical system
Asymmetric polished reflector (ASP)
Asymmetric polished reflector + transparent cover (APT)
On request:
Matt reflector
Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Materials
Housing: sheet steel
Diffuser: microprismatic PMMA
Trim: sheet steel
Reflector: polished anodised aluminium
Cover: transparent PMMA
Surface finish
Trim: white RAL 9003 (W03)
Service lifetime
50,000 hours/L80
Ambient temperature
From -20 °C to +35 °C

DE

Montage
Einbauleuchte
Lichtquelle
LED
Optisches System
Asymmetrisch polierter Reflektor (ASP)
Asymmetrisch polierter Reflektor + durchsichtige Abdeckung (APT)
Auf Anfrage
Matter Reflektor
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Material
Körper: Stahlblech
Diffusor: mikrop Prismatisches PMMA
Einfassung: Stahlblech
Reflektor: poliertes eloxiertes Aluminium
Abdeckung: durchsichtiger PMMA
Oberflächenveredelung
Einfassung: weiss RAL 9003 (W03)
Lebensdauer
50,000 Stunden/L80
Umgebungstemperatur
Von -20 °C bis +35 °C

FR

Montage
Plafonnier encastrable
Source lumineuse
LED
Système optique
Réflecteur asymétrique poli (ASP)
Réflecteur asymétrique poli + couvercle transparent (APT)
Sur demande
Réflecteur mat
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Matériels
Corps: tôle d'acier
Diffuseur: PMMA microprismatique
Moulure: tôle d'acier
Réflecteur: aluminium anodisé poli
Couvercle: PMMA transparente
Finition de surface
Moulure: blanc RAL 9003 (W03)
Durée de vie utile
50,000 heures/L80
Température ambiante
De -20 °C à +35 °C

SK

Montáž
Vsadené
Svetelný zdroj
LED
Optický systém
Asymetrický leštenýreflektor (ASP)
Asymetrický leštený reflektor + transparentný kryt (APT)
Na požiadanie
Matný reflektor
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Material
Teleso: oceľový plech
Difúzor: mikrop Prismatický PMMA
Obruč: oceľový plech
Reflektor: leštený anodizovaný hliník
Kryt: transparentný PMMA
Povrchová úprava
Obruč: biela RAL 9003 (W03)
Servisná životnosť
50,000 hodín/L80
Teplota okolia
Od -20 °C do +35 °C

ES

Montaje
Empotradas en el techo
Fuente luminica
LED
Sistema óptico
Reflector asimétrico pulido (ASP)
Reflector asimétrico pulido + cubierta transparente (APT)
A petición
Reflector mate
Cableado
Equipo de control electrónico FIX/DALI (ECG/EDA)
Material
Cuerpo: lámina de acero
Difusor: microprismático PMMA
Reborde: lámina de acero
Reflector: aluminio anodizado pulido
Cubierta: PMMA transparente
Tratamiento de la superficie
Reborde: blanco RAL 9003 (W03)
Vida útil
50,000 horas/L80
Temperatura ambiente
Desde -20 °C a +35 °C

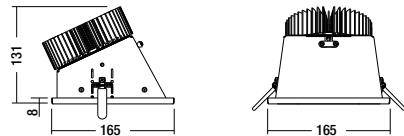
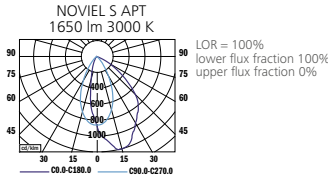
IT

Installazione
Ad incasso a soffitto
Sorgente luminosa
LED
Sistema ottico
Riflettore asimmetrico lucido (ASP)
Riflettore asimmetrico lucido + copertura trasparente (APT)
Su richiesta
Riflettore opaco
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Materiali
Corpo: lamina d'acciaio
Diffusore: microprisma PMMA
Profilo: lamina d'acciaio
Riflettore: alluminio anodizzato lucido
Copertura: PMMA trasparente
Finitura
Profilo: bianco RAL 9003 (W03)
Durata di vita
50,000 ore/L80
Temperatura d'ambiente
Da -20 °C a +35 °C

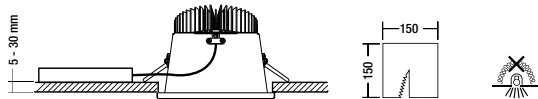
RU

Установка
Потолочная встроенная
Источник света
LED
Оптическая система
Асимметричный шлифованный отражатель (ASP)
Асимм. шлиф. отражатель + чистая крышка (APT)
По запросу
Матовый отражатель
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Материал
Корпус: листовая сталь
Рассеиватель: микропризматический полиметилметакрилат
Накладка: листовая сталь
Отражатель: шлифованный анодированный алюминий
Крышка: чистая полиметилметакрилат
Отделка поверхности
Накладка: белый RAL 9003 (W03)
Срок службы
50,000 часов/L80
Температура окружающей среды
От -20 °C до +35 °C

PHOTOMETRY



MOUNTING



TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	WEIGHT (kg)
NOVIEL S ASP	1250	14	89	80+	3000	0.9
NOVIEL S ASP	1300	14	93	80+	4000	0.9
NOVIEL S ASP	1750	20	88	80+	3000	0.9
NOVIEL S ASP	1850	20	93	80+	4000	0.9
NOVIEL S APT	1150	14	82	80+	3000	0.9
NOVIEL S APT	1200	14	86	80+	4000	0.9
NOVIEL S APT	1650	20	83	80+	3000	0.9
NOVIEL S APT	1750	20	88	80+	4000	0.9

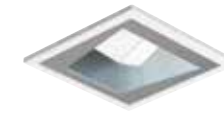
Luminous flux tolerance +/- 10%



POLISHED REFLECTOR (ASP)



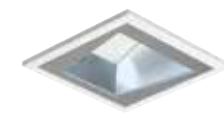
POLISHED REFLECTOR / TRANSPARENT COVER (APT)



MATT REFLECTOR (ASM)



MATT REFLECTOR / TRANSPARENT COVER (AMT)



DOWNLIGHTS



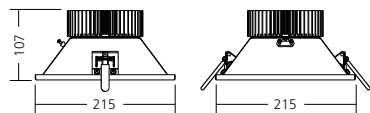
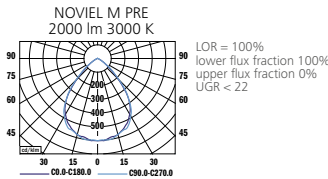


Noviel M

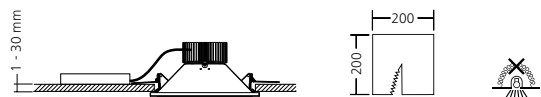


Noviel M

PHOTOMETRY



MOUNTING



TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE	EMERGENCY UNIT 3H (lm)	WEIGHT (kg)
NOVIEL M PRE	2000	19	105	80+	3000	80°	370	1.1
NOVIEL M PRE	2100	19	111	80+	4000	80°	380	1.1
NOVIEL M PRE	2500	24	104	80+	3000	80°	370	1.1
NOVIEL M PRE	2650	24	110	80+	4000	80°	380	1.1
NOVIEL M PRE	2900	29	100	80+	3000	80°	370	1.2
NOVIEL M PRE	3050	29	105	80+	4000	80°	380	1.2
NOVIEL M PRT	1950	19	103	80+	3000	80°	360	1.2
NOVIEL M PRT	2050	19	108	80+	4000	80°	370	1.2
NOVIEL M PRT	2450	24	102	80+	3000	80°	360	1.2
NOVIEL M PRT	2600	24	108	80+	4000	80°	370	1.2
NOVIEL M PRT	2850	29	98	80+	3000	80°	360	1.2
NOVIEL M PRT	3000	29	103	80+	4000	80°	370	1.2
NOVIEL M PRO	1950	19	103	80+	3000	80°	–	1.2
NOVIEL M PRO	2050	19	108	80+	4000	80°	–	1.2
NOVIEL M PRO	2450	24	102	80+	3000	80°	–	1.2
NOVIEL M PRO	2600	24	108	80+	4000	80°	–	1.2
NOVIEL M PRO	2850	29	98	80+	3000	80°	–	1.2
NOVIEL M PRO	3000	29	103	80+	4000	80°	–	1.2

Luminous flux tolerance +/- 10%



POLISHED REFLECTOR (PRE)



POLISHED REFLECTOR AND TRANSPARENT COVER (PRT)



POLISHED REFLECTOR AND OPAL COVER (PRO)



MATT REFLECTOR (MRE)



MATT REFLECTOR AND TRANSPARENT COVER (MRT)



DOWNLIGHTS



220-240V 50-60Hz	LED	CRI 80+ Ra	CCT 3000 K
CCT 4000 K	ECG	EDA DALI	EMERGENCY
IP 20	IP 40	IP 44	

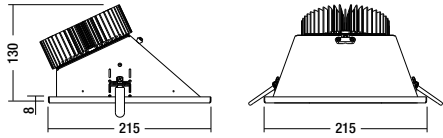
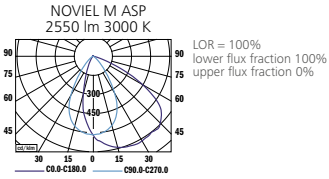
EN Mounting Ceiling recessed Light source LED Optical system Polished reflector (PRE) Polished reflector + transparent cover (PRT) Polished reflector + opal cover (PRO) On request: Matt reflector Wiring Electronic control gear FIX/DALI (ECG/EDA) Emergency unit variant (3H) Materials Housing: sheet steel Diffuser: microprismatic PMMA Trim: sheet steel Reflector: polished anodised aluminium Cover: transparent/opal PMMA Surface finish Trim: white RAL 9003 (W03) Service lifetime 50,000 hours/L80 Ambient temperature From -20 °C to +35 °C (from 0°C with EM unit)	DE Montage Einbauleuchte Lichtquelle LED Optisches System Polierter Reflektor (PRE) Polierter Reflektor + durchsichtige Abdeckung (PRT) Polierter Reflektor + opale Abdeckung (PRO) Auf Anfrage Matter Reflektor Vorschaltgerät Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA) Notbeleuchtung Variante (3H) Material Körper: Stahlblech Diffusor: mikrop Prismatisches PMMA Einfassung: Stahlblech Reflektor: poliertes eloxiertes Aluminium Abdeckung: durchsichtiger/opaler PMMA Oberflächenveredelung Einfassung: weiss RAL 9003 (W03) Lebensdauer 50,000 Stunden/L80 Umgebungstemperatur Von -20 °C bis +35 °C (von 0°C mit Notbeleuchtung)	FR Montage Plafonnier encastrable Source lumineuse LED Système optique Réflecteur poli (PRE) Réflecteur poli + couvercle transparente (PRT) Réflecteur poli + couvercle opale (PRO) Sur demande Réflecteur mat Équipement électrique Ballast électronique FIX/DALI (ECG/EDA) Variante de l'unité de secours (3H) Matériels Corps: tôle d'acier Diffuseur: PMMA microprismatique Moulure: tôle d'acier Réflecteur: aluminium anodisé poli Couvercle: PMMA transparente/opale Finition de surface Moulure: blanc RAL 9003 (W03) Durée de vie utile 50,000 heures/L80 Température ambiante De -20 °C à +35 °C (de 0°C avec l'unité de secours)	SK Montáž Vsadené Svetelný zdroj LED Optický systém Leštený reflektor (PRE) Leštený reflektor + transparentný kryt (PRT) Leštený reflektor + opalový kryt (PRO) Na požiadanie Matný reflektor Elektrická výbava Elektronický predradník FIX/DALI (ECG/EDA) Varianta s núdzovou jednotkou (3H) Material Teleso: oceľový plech Difúzor: mikropriзмatický PMMA Obruč: oceľový plech Reflektor: leštený anodizovaný hliník Kryt: transparentný/opalový PMMA Povrchová úprava Obruč: biela RAL 9003 (W03) Servisná životnosť 50,000 hodín/L80 Teplota okolia Od -20 °C do +35 °C (od 0°C s núdzovou jednotkou)	ES Montaje Empotradas en el techo Fuente luminica LED Sistema óptico Reflector pulido (PRE) Reflector pulido + cubierta transparente (PRT) Reflector pulido + cubierta ópala (PRO) A petición Reflector mate Cableado Equipo de control electrónico FIX/DALI (ECG/EDA) Variante unidad de emergencia (3H) Material Cuerpo: lámina de acero Difusor: microprismático PMMA Reborde: lámina de acero Reflector: aluminio anodizado pulido Cubierta: PMMA transparente/ópalo Tratamiento de la superficie Reborde: blanco RAL 9003 (W03) Vida útil 50,000 horas/L80 Temperatura ambiente Desde -20 °C a +35 °C (desde 0°C con unidad de emergencia)	IT Installazione Ad incasso a soffitto Sorgente luminosa LED Sistema ottico Riflettore lucido (PRE) Riflettore lucido + copertura trasparente (PRT) Riflettore lucido + copertura opale (PRO) Su richiesta Riflettore opaco Cablaggio Ballast elettronico FIX/DALI (ECG/EDA) Variante unità di emergenza (3H) Materiali Corpo: lamina d'acciaio Diffusore: microprisma PMMA Profilo: lamina d'acciaio Riflettore: alluminio anodizzato lucido Copertura: PMMA trasparente/opale Finitura Profilo: bianco RAL 9003 (W03) Durata di vita 50,000 ore/L80 Temperatura d'ambiente Da -20 °C a +35 °C (da 0°C con unità di emergenza)	RU Установка Потолочная встроенная Источник света LED Оптическая система Шлифованный отражатель (PRE) Шлифованный отражатель + чистая крышка (PRT) Шлифованный отражатель + чистая крышка (PRO) По запросу Матовый отражатель Электрическое оснащение Электронный аппарат FIX/DALI (ECG/EDA) Блок аварийного освещения (3H) Материал Корпус: листовая сталь Рассеиватель: микропризм. полиметилметакрилат Накладка: листовая сталь Отражатель: шлиф. анодированный алюминий Крышка: чистая/матовая полиметилметакрилат Отделка поверхности Накладка: белый RAL 9003 (W03) Срок службы 50,000 часов/L80 Температура окружающей среды От -20 °C до +35 °C (от 0°C с аварийного освещения)
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NOVIEL M ASYM

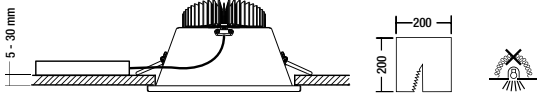
POLISHED
LED



PHOTOMETRY



MOUNTING



TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	WEIGHT (kg)
NOVIEL M ASP	1700	20	85	80+	3000	1.2
NOVIEL M ASP	1800	20	90	80+	4000	1.2
NOVIEL M ASP	2150	24	90	80+	3000	1.2
NOVIEL M ASP	2250	24	94	80+	4000	1.2
NOVIEL M ASP	2550	29	88	80+	3000	1.2
NOVIEL M ASP	2700	29	93	80+	4000	1.2
NOVIEL M APT	1550	20	78	80+	3000	1.2
NOVIEL M APT	1650	20	83	80+	4000	1.2
NOVIEL M APT	1950	24	81	80+	3000	1.2
NOVIEL M APT	2050	24	85	80+	4000	1.2
NOVIEL M APT	2350	29	81	80+	3000	1.2
NOVIEL M APT	2450	29	84	80+	4000	1.2

Luminous flux tolerance +/- 10%



POLISHED REFLECTOR (ASP)



POLISHED REFLECTOR / TRANSPARENT COVER (APT)



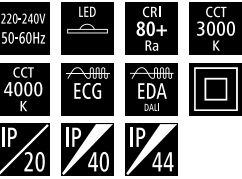
MATT REFLECTOR (ASM)



MATT REFLECTOR / TRANSPARENT COVER (AMT)



Noviel M Asym



EN

Mounting
Ceiling recessed
Light source
LED
Optical system
Asymmetric polished reflector (ASP)
Asymmetric polished reflector + transparent cover (APT)
On request:
Matt reflector
Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Materials
Housing: sheet steel
Diffuser: microprismatic PMMA
Trim: sheet steel
Reflector: polished anodised aluminium
Cover: transparent PMMA
Surface finish
Trim: white RAL 9003 (W03)
Service lifetime
50,000 hours/L80
Ambient temperature
From -20 °C to +35 °C

DE

Montage
Einbauleuchte
Lichtquelle
LED
Optisches System
Asymmetrisch polierter Reflektor (ASP)
Asymmetrisch polierter Reflektor + durchsichtige Abdeckung (APT)
Auf Anfrage
Matter Reflektor
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Material
Körper: Stahlblech
Diffusor: mikroprismatisches PMMA
Einfassung: Stahlblech
Reflektor: poliertes eloxiertes Aluminium
Abdeckung: durchsichtiger PMMA
Oberflächenveredelung
Einfassung: weiss RAL 9003 (W03)
Lebensdauer
50,000 Stunden/L80
Umgebungstemperatur
Von -20 °C bis +35 °C

FR

Montage
Plafonnier encastrable
Source lumineuse
LED
Système optique
Réflecteur asymétrique poli (ASP)
Réflecteur asymétrique poli + couvercle transparent (APT)
Sur demande
Réflecteur mat
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Matériels
Corps: tôle d'acier
Diffuseur: PMMA microprismatique
Moulure: tôle d'acier
Réflecteur: aluminium anodisé poli
Couvercle: PMMA transparente
Finition de surface
Moulure: blanc RAL 9003 (W03)
Durée de vie utile
50,000 heures/L80
Température ambiante
De -20 °C à +35 °C

SK

Montáž
Vsadené
Svetelný zdroj
LED
Optický systém
Asymetrický leštenýreflektor (ASP)
Asymetrický leštený reflektor + transparentný kryt (APT)
Na požiadanie
Matný reflektor
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Material
Teleso: oceľový plech
Difúzor: mikroprizmatický PMMA
Obruč: oceľový plech
Reflektor: leštený anodizovaný hliník
Kryt: transparentný PMMA
Povrchová úprava
Obruč: biela RAL 9003 (W03)
Servisná životnosť
50,000 hodín/L80
Teplota okolia
Od -20 °C do +35 °C

ES

Montaje
Empotradas en el techo
Fuente luminica
LED
Sistema óptico
Reflector asimétrico pulido (ASP)
Reflector asimétrico pulido + cubierta transparente (APT)
A petición
Reflector mate
Cableado
Equipo de control electrónico FIX/DALI (ECG/EDA)
Material
Cuerpo: lámina de acero
Difusor: microprismático PMMA
Reborde: lámina de acero
Reflector: aluminio anodizado pulido
Cubierta: PMMA transparente
Tratamiento de la superficie
Reborde: blanco RAL 9003 (W03)
Vida útil
50,000 horas/L80
Temperatura ambiente
Desde -20 °C a +35 °C

IT

Installazione
Ad incasso a soffitto
Sorgente luminosa
LED
Sistema ottico
Riflettore asimmetrico lucido (ASP)
Riflettore asimmetrico lucido + copertura trasparente (APT)
Su richiesta
Riflettore opaco
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Materiali
Corpo: lamina d'acciaio
Diffusore: microprisma PMMA
Profilo: lamina d'acciaio
Riflettore: alluminio anodizzato lucido
Copertura: PMMA trasparente
Finitura
Profilo: bianco RAL 9003 (W03)
Durata di vita
50,000 ore/L80
Temperatura d'ambiente
Da -20 °C a +35 °C

RU

Установка
Потолочная встроенная
Источник света
LED
Оптическая система
Асимметричный шлиф. отражатель (ASP)
Асимметричный шлиф. отражатель + чистая крышка (APT)
По запросу
Матовый отражатель
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Материал
Корпус: листовая сталь
Рассеиватель: микроприз. полиметилметакрилат
Накладка: листовая сталь
Отражатель: шлифованный анодированный алюминий
Крышка: чистая полиметилметакрилат
Отделка поверхности
Накладка: белый RAL 9003 (W03)
Срок службы
50,000 часов/L80
Температура окружающей среды
От -20 °C до +35 °C



Noviel L



220-240V
50-60Hz

LED

CRI
80+
Ra

CCT
3000
K

CCT
4000
K

ECG

EDA
DALI

EMERGENCY

IP
20

IP
40

IP
44

EN

Mounting
Ceiling recessed

Light source
LED

Optical system
Polished reflector (PRE)
Polished reflector + transparent cover (PRT)
Polished reflector + opal cover (PRO)
On request:
Matt reflector

Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Emergency unit variant (3H)

Materials
Housing: sheet steel
Diffuser: microprismatic PMMA
Trim: sheet steel
Reflector: polished anodised aluminium
Cover: transparent/opal PMMA

Surface finish
Trim: white RAL 9003 (W03)

Service lifetime
50,000 hours/L80

Ambient temperature
From -20 °C to +35 °C
(from 0°C with EM unit)

DE

Montage
Einbauleuchte

Lichtquelle
LED

Optisches System
Polierter Reflektor (PRE)
Polierter Reflektor + durchsichtige Abdeckung (PRT)
Polierter Reflektor + opale Abdeckung (PRO)
Auf Anfrage
Matter Reflektor

Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Notbeleuchtung Variante (3H)

Material
Körper: Stahlblech
Diffusor: mikrop Prismatisches PMMA
Einfassung: Stahlblech
Reflektor: poliertes eloxiertes Aluminium
Abdeckung: durchsichtiger/opaler PMMA

Oberflächenveredelung
Einfassung: weiss RAL 9003 (W03)

Lebensdauer
50,000 Stunden/L80

Umgebungstemperatur
Von -20 °C bis +35 °C
(von 0°C mit Notbeleuchtung)

FR

Montage
Plafonnier encastrable

Source lumineuse
LED

Système optique
Réflecteur poli (PRE)
Réflecteur poli + couvercle transparente (PRT)
Réflecteur poli + couvercle opale (PRO)
Sur demande
Réflecteur mat

Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Variante de l'unité de secours (3H)

Matériels
Corps: tôle d'acier
Diffuseur: PMMA microprismatique
Moulure: tôle d'acier
Reflektor: leštený anodizovaný hliník
Kryt: transparentní/opalový PMMA

Finition de surface
Moulure: blanc RAL 9003 (W03)

Durée de vie utile
50,000 heures/L80

Température ambiante
De -20 °C à +35 °C
(de 0°C avec l'unité de secours)

SK

Montáž
Vsadené

Svetelný zdroj
LED

Optický systém
Leštený reflektor (PRE)
Leštený reflektor + transparentný kryt (PRT)
Leštený reflektor + opalový kryt (PRO)
Na požiadanie
Matný reflektor

Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Varianta s núdzovou jednotkou (3H)

Material
Teleso: oceľový plech
Difúzor: mikropriзмatický PMMA
Obruč: oceľový plech
Reflektor: leštený anodizovaný hliník
Kryt: transparentný/opalový PMMA

Povrchová úprava
Obruč: biela RAL 9003 (W03)

Servisná životnosť
50,000 hodin/L80

Teplota okolia
Od -20 °C do +35 °C
(od 0°C s núdzovou jednotkou)

ES

Montaje
Empotradas en el techo

Fuente luminica
LED

Sistema óptico
Reflector pulido (PRE)
Reflector pulido + cubierta transparente (PRT)
Reflector pulido + cubierta ópala (PRO)
A petición
Reflector mate

Cableado
Equipo de control electrónico FIX/DALI (ECG/EDA)
Variante unidad de emergencia (3H)

Material
Cuerpo: lámina de acero
Difusor: microprismático PMMA
Reborde: lámina de acero
Reflector: aluminio anodizado pulido
Cubierta: PMMA transparente/ópalo

Tratamiento de la superficie
Reborde: blanco RAL 9003 (W03)

Vida útil
50,000 horas/L80

Temperatura ambiente
Desde -20 °C a +35 °C
(desde 0°C con unidad de emergencia)

IT

Installazione
Ad incasso a soffitto

Sorgente luminosa
LED

Sistema ottico
Riflettore lucido (PRE)
Riflettore lucido + copertura trasparente (PRT)
Riflettore lucido + copertura opale (PRO)
Su richiesta
Riflettore opaco

Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Variante unità di emergenza (3H)

Materiali
Corpo: lamina d'acciaio
Diffusore: microprisma PMMA
Profilo: lamina d'acciaio
Riflettore: alluminio anodizzato lucido
Copertura: PMMA trasparente/opale

Finitura
Profilo: bianco RAL 9003 (W03)

Durata di vita
50,000 ore/L80

Temperatura d'ambiente
Da -20 °C a +35 °C
(da 0°C con unita di emergenza)

RU

Установка
Потолочная встроенная

Источник света
LED

Оптическая система
Шлифованный отражатель (PRE)
Шлифованный отражатель + чистая крышка (PRT)
Шлифованный отражатель + чистая крышка (PRO)
По запросу
Матовый отражатель

Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Блок аварийного освещения (3H)

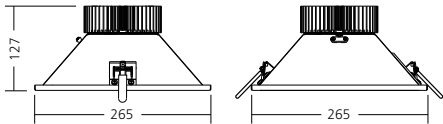
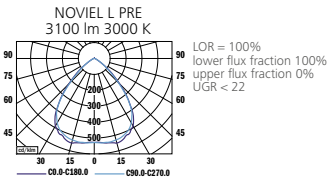
Материал
Корпус: листовая сталь
Рассеиватель: микропризм. полиметилметакрилат
Накладка: листовая сталь
Отражатель: шлифованный анодированный алюминий
Крышка: чистая/матовая полиметилметакрилат

Отделка поверхности
Накладка: белый RAL 9003 (W03)

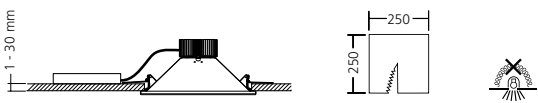
Срок службы
50,000 часов/L80

Температура окружающей среды
От -20 °C до +35 °C
(от 0°C с аварийного освещения)

PHOTOMETRY



MOUNTING



TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE	EMERGENCY UNIT 3H (lm)	WEIGHT (kg)
NOVIEL L PRE	3100	29	107	80+	3000	85°	380	1.4
NOVIEL L PRE	3250	29	112	80+	4000	85°	390	1.4
NOVIEL L PRE	3500	33	106	80+	3000	85°	380	1.4
NOVIEL L PRE	3650	33	111	80+	4000	85°	390	1.4
NOVIEL L PRT	3050	29	105	80+	3000	85°	370	1.4
NOVIEL L PRT	3200	29	110	80+	4000	85°	380	1.4
NOVIEL L PRT	3450	33	105	80+	3000	85°	370	1.6
NOVIEL L PRT	3600	33	109	80+	4000	85°	380	1.6
NOVIEL L PRO	3050	29	105	80+	3000	89°	—	1.6
NOVIEL L PRO	3200	29	110	80+	4000	89°	—	1.6
NOVIEL L PRO	3450	33	105	80+	3000	89°	—	1.6
NOVIEL L PRO	3600	33	109	80+	4000	89°	—	1.6

Luminous flux tolerance +/- 10%



POLISHED REFLECTOR (PRE)



POLISHED REFLECTOR AND TRANSPARENT COVER (PRT)



POLISHED REFLECTOR AND OPAL COVER (PRO)



MATT REFLECTOR (MRE)



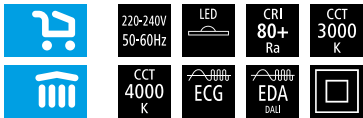
MATT REFLECTOR AND TRANSPARENT COVER (MRT)



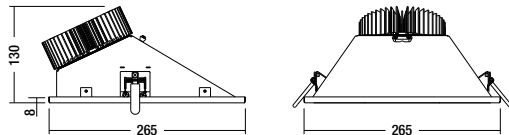
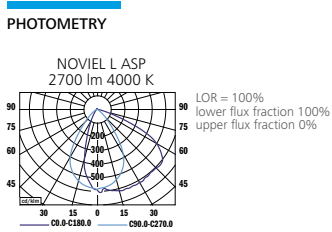
DOWNLIGHTS



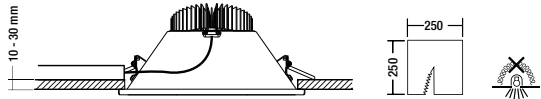
Noviel L Asym



EN Mounting Ceiling recessed Light source LED Optical system Asymmetric polished reflector (ASP) Asymmetric polished reflector + transparent cover (APT) On request: Matt reflector Wiring Electronic control gear FIX/DALI (ECG/EDA) Materials Housing: sheet steel Diffuser: microprismatic PMMA Trim: sheet steel Reflector: polished anodised aluminium Cover: transparent PMMA Surface finish Trim: white RAL 9003 (W03) Service lifetime 50,000 hours/L80 Ambient temperature From -20 °C to +35 °C	DE Montage Einbauleuchte Lichtquelle LED Optisches System Asymmetrisch polierter Reflektor (ASP) Asymmetrisch polierter Reflektor + durchsichtige Abdeckung (APT) Auf Anfrage Matter Reflektor Vorschaltgerät Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA) Material Körper: Stahlblech Diffusor: mikroprismatisches PMMA Einfassung: Stahlblech Reflektor: poliertes eloxiertes Aluminium Abdeckung: durchsichtiger PMMA Oberflächenveredelung Einfassung: weiss RAL 9003 (W03) Lebensdauer 50,000 Stunden/L80 Umgebungstemperatur Von -20 °C bis +35 °C	FR Montage Plafonnier encastrable Source lumineuse LED Système optique Réflecteur asymétrique poli (ASP) Réflecteur asymétrique poli + couvercle transparent (APT) Sur demande Réflecteur mat Équipement électrique Ballast électronique FIX/DALI (ECG/EDA) Matériels Corps: tôle d'acier Diffuseur: PMMA microprismatique Moulure: tôle d'acier Réflecteur: aluminium anodisé poli Couvercle: PMMA transparente Finition de surface Moulure: blanc RAL 9003 (W03) Durée de vie utile 50,000 heures/L80 Température ambiante De -20 °C à +35 °C	SK Montáž Vsadené Svetelný zdroj LED Optický systém Asymetrický leštený reflektor (ASP) Asymetrický leštený reflektor + transparentný kryt (APT) Na požiadanie Matný reflektor Elektrická výbava Elektronický predradník FIX/DALI (ECG/EDA) Material Teleso: oceľový plech Difúzor: mikroprizmatický PMMA Obruč: oceľový plech Reflektor: leštený anodizovaný hliník Kryt: transparentný PMMA Povrchová úprava Obruč: biela RAL 9003 (W03) Servisná životnosť 50,000 hodín/L80 Teplota okolia Od -20 °C do +35 °C	ES Montaje Empotradas en el techo Fuente luminica LED Sistema óptico Reflector asimétrico pulido (ASP) Reflector asimétrico pulido + cubierta transparente (APT) A petición Reflector mate Cableado Equipo de control electrónico FIX/DALI (ECG/EDA) Material Cuerpo: lámina de acero Difusor: microprismático PMMA Reborde: lámina de acero Reflector: aluminio anodizado pulido Cubierta: PMMA transparente Tratamiento de la superficie Reborde: blanco RAL 9003 (W03) Vida útil 50,000 horas/L80 Temperatura ambiente Desde -20 °C a +35 °C	IT Installazione Ad incasso a soffitto Sorgente luminosa LED Sistema ottico Riflettore asimmetrico lucido (ASP) Riflettore asimmetrico lucido + copertura trasparente (APT) Su richiesta Riflettore opaco Cablaggio Ballast elettronico FIX/DALI (ECG/EDA) Materiali Corpo: lamina d'acciaio Diffusore: microprisma PMMA Profilo: lamina d'acciaio Riflettore: alluminio anodizzato lucido Copertura: PMMA trasparente Finitura Profilo: bianco RAL 9003 (W03) Durata di vita 50,000 ore/L80 Temperatura d'ambiente Da -20 °C a +35 °C	RU Установка Потолочная встроенная Источник света LED Оптическая система Асимметричный шлифованный отражатель (ASP) Асимметричный шлифованный отражатель + чистая крышка (APT) По запросу Матовый отражатель Электрическое оснащение Электронный аппарат FIX/DALI (ECG/EDA) Материал Корпус: листовая сталь Рассеиватель: микропризматический полиметилметакрилат Накладка: листовая сталь Отражатель: шлифованный анодированный алюминий Крышка: чистая полиметилметакрилат Отделка поверхности Накладка: белый RAL 9003 (W03) Срок службы 50,000 часов/L80 Температура окружающей среды От -20 °C до +35 °C
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MOUNTING



TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	WEIGHT (kg)
NOVIEL L ASP	2550	29	88	80+	3000	1.5
NOVIEL L ASP	2700	29	93	80+	4000	1.5
NOVIEL L ASP	2850	33	86	80+	3000	1.5
NOVIEL L ASP	3050	33	92	80+	4000	1.5
NOVIEL L APT	2450	29	84	80+	3000	1.5
NOVIEL L APT	2550	29	88	80+	4000	1.5
NOVIEL L APT	2750	33	83	80+	3000	1.5
NOVIEL L APT	2900	33	88	80+	4000	1.5

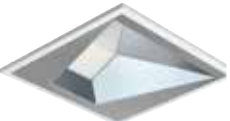
Luminous flux tolerance +/- 10%



POLISHED REFLECTOR (ASP)



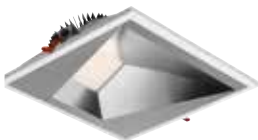
POLISHED REFLECTOR / TRANSPARENT COVER (APT)



MATT REFLECTOR (ASM)



MATT REFLECTOR / TRANSPARENT COVER (AMT)

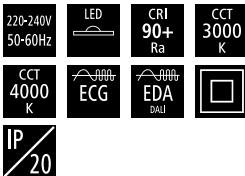




Caim

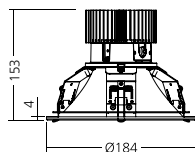
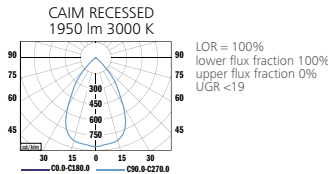


Caim

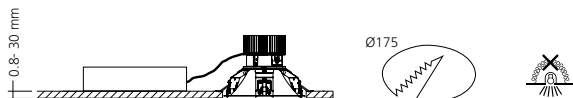


EN	DE	FR	SK	ES	IT	RU
Mounting Ceiling recessed Light source LED Optical system Polished reflector (PRE) Wiring Electronic control gear FIX/DALI (ECG/EDA) Materials Housing: sheet steel Reflector: polished anodised aluminium Trim: sheet steel Surface finish Trim: white RAL 9003 (W03) Service lifetime 50,000 hours/L80 Ambient temperature Up to + 35 °C	Montage Einbauleuchte Lichtquelle LED Optisches System Polierter Reflektor (PRE) Vorschaltgerät Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA) Material Körper: Stahlblech Reflektor: poliertes eloxiertes Aluminium Einfassung: Stahlblech Oberflächenveredelung Einfassung: weiss RAL 9003 (W03) Lebensdauer 50,000 Stunden/L80 Umgebungstemperatur Bis + 35 °C	Montage Plafonnier encastrable Source lumineuse LED Système optique Réflecteur poli (PRE) Équipement électrique Ballast électronique FIX/DALI (ECG/EDA) Matériels Corps: tôle d'acier Réflecteur: aluminium anodisé poli Moulure: tôle d'acier Finition de surface Moulure: blanc RAL 9003 (W03) Durée de vie utile 50,000 heures/L80 Température ambiante Jusqu'à + 35 °C	Montáž Vsadené Svetelný zdroj LED Optický systém Leštený reflektor (PRE) Elektrická výbava Elektronický predradník FIX/DALI (ECG/EDA) Material Teleso: oceľový plech Reflektor: leštený anodizovaný hliník Obruč: oceľový plech Povrchová úprava Obruč: biela RAL 9003 (W03) Servisná životnosť 50,000 hodín/L80 Teplota okolia Do + 35 °C	Montaje Empotradas en el techo Fuente luminica LED Sistema óptico Reflector pulido (PRE) Cableado Equipo de control electronico FIX/DALI (ECG/EDA) Material Cuerpo: lámina de acero Reflector: aluminio anodizado pulido Reborde: lámina de acero Tratamiento de la superficie Reborde: blanco RAL 9003 (W03) Vida útil 50,000 horas/L80 Temperatura ambiente Hasta + 35 °C	Installazione Ad incasso a soffitto Sorgente luminosa LED Sistema ottico Riflettore lucido (PRE) Cablaggio Ballast elettronico FIX/DALI (ECG/EDA) Materiali Corpo: lamina d'acciaio Riflettore: alluminio anodizzato lucido Profilo: lamina d'acciaio Finitura Profilo: bianco RAL 9003 (W03) Durata di vita 50,000 ore/L80 Temperatura d'ambiente fino a + 35 °C	Установка Потолочная встроенная Источник света LED Оптическая система Шлифованный отражатель (PRE) Электрическое оснащение Электронный аппарат FIX/DALI (ECG/EDA) Материал Корпус: листовая сталь Отражатель: шлифованный анодированный алюминий Накладка: листовая сталь Отделка поверхности Накладка: белый RAL 9003 (W03) Срок службы 50,000 часов/L80 Температура окружающей среды До + 35 °C

PHOTOMETRY



MOUNTING



TYPE	NET LUMEN OUTPUT (at Ta = 25 °C)	POWER CONSUMPTION	SYSTEM EFFICACY	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE	WEIGHT
CAIM	(lm)	(W)	(lm/W)				(kg)
CAIM	1950	19	103	90+	3000	66°	1.1
CAIM	1850	17	109	90+	4000	66°	1.1
CAIM	2550	25	102	90+	3000	66°	1.1
CAIM	2400	23	104	90+	4000	66°	1.1

Luminous flux tolerance +/- 10%



DOWNLIGHTS

CAIM TRIMLESS

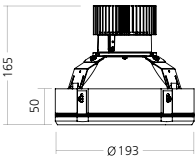
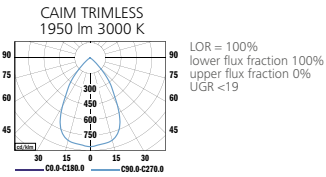
POLISHED
LED

LED

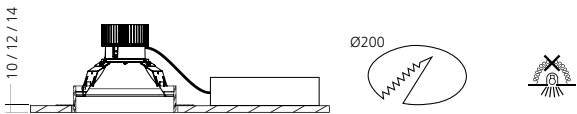


Caim Trimless

PHOTOMETRY



MOUNTING

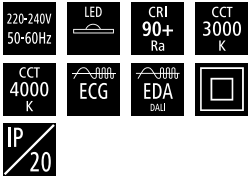


TYPE	NET LUMEN OUTPUT (at Ta = 25 °C)	POWER CONSUMPTION	SYSTEM EFFICACY	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE	WEIGHT
CAIM TRIMLESS	(lm)	(W)	(lm/W)				(kg)
CAIM TRIMLESS	1950	19	103	90+	3000	66°	1.5
CAIM TRIMLESS	1850	17	109	90+	4000	66°	1.5
CAIM TRIMLESS	2550	25	102	90+	3000	66°	1.5
CAIM TRIMLESS	2400	23	104	90+	4000	66°	1.5

Luminous flux tolerance +/- 10%



DOWNLIGHTS



EN Mounting Ceiling recessed Light source LED Optical system Polished reflector (PRE) Wiring Electronic control gear FIX/DALI (ECG/EDA) Materials Housing: sheet steel Reflector: polished anodised aluminium Trim: sheet steel Plasterboard trim: aluminium profile Holders: zinc coated sheet steel Surface finish Trim: white RAL 9003 (W03) Service lifetime 50,000 hours/L80 Ambient temperature Up to + 35 °C	DE Montage Einbauleuchte Source lumineuse LED Optisches System Polierter Reflektor (PRE) Vorschaltgerät Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA) Material Körper: Stahlblech Reflektor: poliertes eloxiertes Aluminium Einfassung: Stahlblech Einputzeinfassung: Aluminiumprofil Halter: verzinktes Stahlblech Oberflächenveredelung Moulure: blanc RAL 9003 (W03) Lebensdauer 50,000 Stunden/L80 Umgebungstemperatur Bis + 35 °C	FR Montage Plafonnier encastrable Source lumineuse LED Système optique Réflecteur poli (PRE) Équipement électrique Ballast électronique FIX/DALI (ECG/EDA) Matériels Corps: tôle d'acier Réflecteur: aluminium anodisé poli Moulure: tôle d'acier Colerette à plâtrer: aluminium profilé Supports: tôle d'acier zinguée Finition de surface Moulure: blanc RAL 9003 (W03) Durée de vie utile 50,000 heures/L80 Température ambiante Jusqu'à + 35 °C	SK Montáž Vsadené Svetelný zdroj LED Optický systém Leštený reflektor (PRE) Elektrická výbava Elektronický predradník FIX/DALI (ECG/EDA) Material Teleso: oceľový plech Reflektor: leštený anodizovaný hliník Obruč: oceľový plech Obruč do sadrokartónu: hliníkový profil Držiaky: pozinkovaný oceľový plech Povrchová úprava Obruč: biela RAL 9003 (W03) Servisná životnosť 50,000 hodín/L80 Teplota okolia Do + 35 °C	ES Montaje Empotradas en el techo Fuente luminica LED Sistema óptico Reflector pulido (PRE) Cableado Equipo de control electrónico FIX/DALI (ECG/EDA) Material Cuerpo: lámina de acero Reflector: aluminio anodizado pulido Reborde: lámina de acero Aro para empotrar en yeso: perfi de aluminio Soportes: lámina de acero galvanizada Tratamiento de la superficie Reborde: blanco RAL 9003 (W03) Vida útil 50,000 horas/L80 Temperatura ambiente Hasta + 35 °C	IT Installazione Ad incasso a soffitto Sorgente luminosa LED Sistema ottico Riflettore lucido (PRE) Cablaggio Ballast elettronico FIX/DALI (ECG/EDA) Materiali Corpo: lamina d'acciaio Riflettore: alluminio anodizzato lucido Profilo: lamina d'acciaio Profilo in cartongesso: profilo in alluminio Supporti: lamina d'acciaio zincato Finitura Profilo: bianco RAL 9003 (W03) Durata di vita 50,000 ore/L80 Temperatura d'ambiente fino a + 35 °C	RU Установка Потолочная встроенная Источник света LED Оптическая система Шлифованный отражатель (PRE) Электрическое оснащение Электронный аппарат FIX/DALI (ECG/EDA) Материал Корпус: листовая сталь Отражатель: шлифованный анодированный алюминий Накладка: листовая сталь Гипсокартонная накладка: алюминиевый профиль Крепления: листовая оцинкованная сталь Отделка поверхности Накладка: белый RAL 9003 (W03) Срок службы 50,000 часов/L80 Температура окружающей среды До + 35 °C
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Cygnus II



220-240V
50-60Hz

LED

CRI
90+
Ra

CCT
3000
K

CCT
4000
K

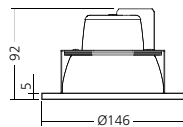
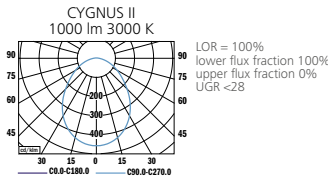
EDC
TRIAC

IP
20

IP
44

EN Mounting Ceiling recessed Light source LED Optical system Opal diffuser (OPD) Wiring Electronic control gear TRIAC (EDC) Materials Housing: sheet steel Reflector: injected polycarbonate Diffuser: opal PMMA Trim: sheet steel Surface finish Trim: white RAL 9003 (W03) Service lifetime 50,000 hours/L80 Ambient temperature Up to +25 °C	DE Montage Einbauleuchte Lichtquelle LED Optisches System Opaler Diffusor (OPD) Vorschaltgerät Elektronisches Vorschaltgerät TRIAC (EDC) Material Körper: Stahlblech Reflektor: Spritzguss-Polykarbonat Diffusor: Opal PMMA Einfassung: Stahlblech Oberflächenveredelung Einfassung: weiss RAL 9003 (W03) Lebensdauer 50,000 Stunden/L80 Umgebungstemperatur Bis +25 °C	FR Montage Plafonnier encastrable Source lumineuse LED Système optique Diffuseur opale (OPD) Équipement électrique Ballast électronique TRIAC (EDC) Matériels Corps: tôle d'acier Réflecteur: polycarbonate injecté Diffusor: Opal PMMA Moulure: tôle d'acier Finition de surface Moulure: blanc RAL 9003 (W03) Durée de vie utile 50,000 heures/L80 Température ambiante Jusqu'à +25 °C	SK Montáž Vsadené Svetelný zdroj LED Optický systém Opalový difúzor (OPD) Elektrická výbava Elektronický predradník TRIAC (EDC) Matériál Teleso: oceľový plech Reflektor: vstrekovaný polykarbonát Difúzor: opálový PMMA Reborde: oceľový plech Povrchová úprava Obruč: biela RAL 9003 (W03) Servisná životnosť 50,000 hodín/L80 Teplota okolia Do +25 °C	ES Montaje Empotradas en el techo Fuente luminica LED Sistema óptico Difusor ópalo (OPD) Cableado Equipo de control electrónico TRIAC (EDC) Material Cuerpo: lámina de acero Reflector: polycarbonato inyectado Difusor: ópalo de PMMA Reborde: lámina de acero Tratamiento de la superficie Reborde: blanco RAL 9003 (W03) Vida útil 50,000 horas/L80 Temperatura ambiente Hasta +25 °C	IT Installazione Ad incasso a soffitto Sorgente luminosa LED Sistema ottico Diffusore opale (OPD) Cablaggio Ballast elettronico TRIAC (EDC) Materiali Corpo: lamina d'acciaio Riflettore: polycarbonato a iniezione Diffusore: PMMA opale Profilo: lamina d'acciaio Finitura Profilo: bianco RAL 9003 (W03) Durata di vita 50,000 ore/L80 Temperatura d'ambiente fino a +25 °C	RU Установка Потолочная встроенная Источник света LED Оптическая система Матовый рассеиватель (OPD) Электрическое оснащение Электронный аппарат TRIAC (EDC) Материал Корпус: листовая сталь Отражатель: инжектированный поликарбонат Рассеиватель: матовый полиметилметакрилат Накладка: листовая сталь Отделка поверхности Накладка: белый RAL 9003 (W03) Срок службы 50,000 часов/L80 Температура окружающей среды До +25 °C
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PHOTOMETRY



MOUNTING



TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE	WEIGHT (kg)
CYGNUS II	1000	15	69	90+	3000	90°	0.6
CYGNUS II	1000	15	69	90+	4000	90	0.6

Luminous flux tolerance +/- 10%



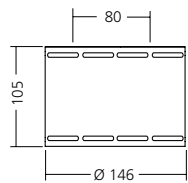
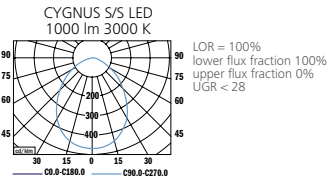
DOWNLIGHTS

CYGNUS SURFACED / SUSPENDED

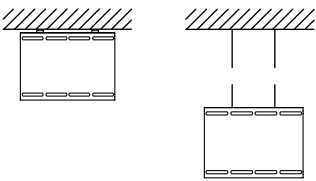
OPAL
LED



PHOTOMETRY



MOUNTING



TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE	WEIGHT (kg)
CYGNUS SUSPENDED / SURFACED	1000	15	69	90+	3000	90°	1.1
CYGNUS SUSPENDED / SURFACED	1000	15	69	90+	4000	90°	1.1

Luminous flux tolerance +/- 10%



SURFACED



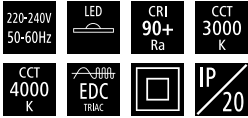
SUSPENDED



RS-S 09 L150 SQ (SQUARE SHAPE) OR RD (ROUND SHAPE)



Cygnus Surfaced / Suspended



EN	DE	FR	SK	ES	IT	RU
Mounting Surfaced/Suspended (S/S) Light source LED Optical system Opal diffuser (OPD) Wiring Electronic control gear TRIAC (EDC) Materials Housing: extruded aluminium Reflector: injected polycarbonate Diffuser: opal PMMA Surface finish Housing: white RAL 9003 (W03) Accessories Rope suspension Service lifetime 50,000 hours/L80 Ambient temperature Up to +25 °C	Montage Deckenleuchte/Hängend (S/S) Lichtquelle LED Optisches System Opaler Diffusor (OPD) Vorschaltgerät Elektronisches Vorschaltgerät TRIAC (EDC) Material Körper: extrudiertes Aluminium Reflektor: Spritzguss-Polykarbonat Diffusor: Opal PMMA Oberflächenveredelung Körper: weiss RAL 9003 (W03) Zubehör Seilaufhängung Lebensdauer 50,000 Stunden/L80 Umgebungstemperatur Bis +25 °C	Montage Plafonnier apparent/Suspendu (S/S) Source lumineuse LED Système optique Diffuseur opale (OPD) Équipement électrique Ballast électronique TRIAC (EDC) Matériels Corps: aluminium extrudé Réflecteur: polycarbonate injecté Diffuseur: PMMA opale Finition de surface Corps: blanc RAL 9003 (W03) Accessoires Câble de suspension Durée de vie utile 50,000 heures/L80 Température ambiante Jusqu'à +25 °C	Montáž Prisadené/Závěsné (S/S) Svetelný zdroj LED Optický systém Opalový difúzor (OPD) Elektrická výbava Elektronický predradník TRIAC (EDC) Material Těleso: extrudovaný hliník Reflektor: vstrekovaný polykarbonát Difúzor: opalový PMMA Povrchová úprava Těleso: bílá RAL 9003 (W03) Prislušenstvo Lankový záves Servisná životnosť 50,000 hodín/L80 Teplota okolia Do +25 °C	Montaje Sobrepuestas en el techo/Suspendidas (S/S) Fuente luminica LED Sistema óptico Difusor ópalo (OPD) Cableado Equipo de control electrónico TRIAC (EDC) Material Cuerpo: aluminio extruido Reflector: policarbonato inyectado Difusor: ópalo de PMMA Tratamiento de la superficie Cuerpo: blanco RAL 9003 (W03) Accesorios Cable de suspensión Vida útil 50,000 horas/L80 Temperatura ambiente Hasta +25 °C	Installazione A plafone/A sospensione (S/S) Sorgente luminosa LED Sistema ottico Diffusore opale (OPD) Cablaggio Ballast elettronico TRIAC (EDC) Materiali Corpo: estruso di alluminio Riflettore: policarbonato a iniezione Diffusore: PMMA opale Finitura Corpo: bianco RAL 9003 (W03) Accessori Cavo di sospensione Durata di vita 50,000 ore/L80 Temperatura d'ambiente fino a +25 °C	Установка Потолочная накладная/Подвесная (S/S) Источник света LED Оптическая система Матовый рассеиватель (OPD) Электрическое оснащение Электронный аппарат TRIAC (EDC) Материал Корпус: экструдированный алюминий Отражатель: инжектированный поликарбонат Рассеиватель: матовый полиметилметакрилат Отделка поверхности Корпус: белый RAL 9003 (W03) Аксессуары Тросовый подвес Срок службы 50,000 часов/L80 Температура окружающей среды До +25 °C

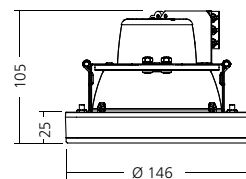
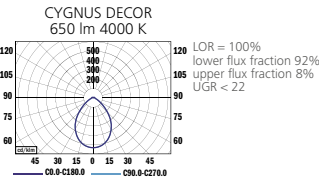
CYGNUS DECOR

OPAL
LED

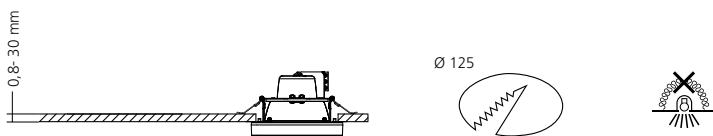
LED



PHOTOMETRY



MOUNTING



TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE	WEIGHT (kg)
CYGNUS DECOR	650	15	43	90+	3000	84°	0.7
CYGNUS DECOR	650	15	43	90+	4000	84°	0.7

Luminous flux tolerance +/- 10%

Cygnus Decor



220-240V 50-60Hz	LED	CRI 90+ Ra	CCT 3000 K
CCT 4000 K	EDC TRIAC	IP 20	
IP 44			

EN

Mounting
Ceiling recessed
Light source
LED
Optical system
Opal diffuser (OPD)
Wiring
Electronic control gear TRIAC (EDC)
Materials
Housing: sheet steel
Reflector: injected polycarbonate
Diffuser: opal PMMA
Trim: sheet steel
Surface finish
Trim: white RAL 9003 (W03)
Service lifetime
50,000 hours/L80
Ambient temperature
Up to +25 °C

DE

Montage
Einbauleuchte
Lichtquelle
LED
Optisches System
Opaler Diffusor (OPD)
Vorschaltgerät
Elektronisches Vorschaltgerät TRIAC (EDC)
Material
Körper: Stahlblech
Reflektor: Spritzguss-Polykarbonat
Diffusor: Opal PMMA
Einfassung: Stahlblech
Oberflächenveredelung
Körper: weiss RAL 9003 (W03)
Lebensdauer
50,000 Stunden/L80
Umgebungstemperatur
Bis +25 °C

FR

Montage
Plafonnier encastrable
Source lumineuse
LED
Système optique
Diffuseur opale (OPD)
Équipement électrique
Ballast électronique TRIAC (EDC)
Matériels
Corps: tôle d'acier
Réflecteur: polycarbonate injecté
Diffuseur: opale PMMA
Moulure: tôle d'acier
Finition de surface
Moulure: blanc RAL 9003 (W03)
Durée de vie utile
50,000 heures/L80
Température ambiante
Jusqu'à +25 °C

SK

Montáž
Vsadené
Svetelný zdroj
LED
Optický systém
Opalový difúzor (OPD)
Elektrická výbava
Elektronický predradník TRIAC (EDC)
Material
Teleso: oceľový plech
Reflektor: vstrekovaný polykarbonát
Difúzor: opalový PMMA
Obruč: oceľový plech
Povrchová úprava
Obruč: biela RAL 9003 (W03)
Servisná životnosť
50,000 hodín/L80
Teplota okolia
Do +25 °C

ES

Montaje
Empotradas en el techo
Fuente luminica
LED
Sistema óptico
Difusor ópalo (OPD)
Cableado
Equipo de control electrónico TRIAC (EDC)
Material
Cuerpo: lámina de acero
Reflector: policarbonato inyectado
Difusor: ópalo de PMMA
Reborde: lámina de acero
Tratamiento de la superficie
Reborde: blanco RAL 9003 (W03)
Vida útil
50,000 horas/L80
Temperatura ambiente
Hasta +25 °C

IT

Installazione
Ad incasso a soffitto
Sorgente luminosa
LED
Sistema ottico
Diffusore opale (OPD)
Cablaggio
Ballast elettronico TRIAC (EDC)
Materiali
Corpo: lamina d'acciaio
Riflettore: policarbonato a iniezione
Diffusore: PMMA opale
Profilo: lamina d'acciaio
Finitura
Profilo: bianco RAL 9003 (W03)
Durata di vita
50,000 ore/L80
Temperatura d'ambiente
fino a +25 °C

RU

Установка
Потолочная встроенная
Источник света
LED
Оптическая система
Матовый рассеиватель (OPD)
Электрическое оснащение
Электронный аппарат TRIAC (EDC)
Материал
Корпус: листовая сталь
Отражатель: инжектированный поликарбонат
Рассеиватель: матовый полиметилметакрилат
Накладка: листовая сталь
Отделка поверхности
Накладка: белый RAL 9003 (W03)
Срок службы
50,000 часов/L80
Температура окружающей среды
До +25 °C

DOWNLIGHTS

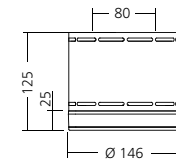
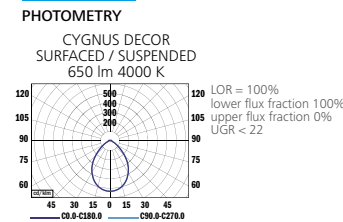


Cygnus Decor Surfaced / Suspended

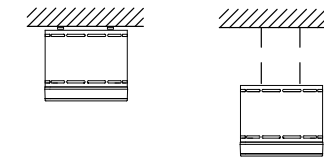


220-240V 50-60Hz	LED 	CRI 90+ Ra	CCT 3000 K
CCT 4000 K	 EDC TRIAC		IP 20

EN	DE	FR	SK	ES	IT	RU
Mounting Surfaced/Suspended (S/S) Light source LED Optical system Opal diffuser (OPD) Wiring Electronic control gear TRIAC (EDC) Materials Housing: extruded aluminium Reflector: injected polycarbonate Diffuser: opal PMMA Surface finish Housing: white RAL 9003 (W03) Accessories Rope suspension Service lifetime 50,000 hours/L80 Ambient temperature Up to +25 °C	Montage Deckenleuchte/Hängend (S/S) Lichtquelle LED Optisches System Opaler Diffusor (OPD) Vorschaltgerät Elektronisches Vorschaltgerät TRIAC (EDC) Material Körper: extrudiertes Aluminium Reflektor: Spritzguss-Polykarbonat Diffusor: Opal PMMA Oberflächenveredelung Einfassung: weiss RAL 9003 (W03) Zubehör Seilaufhängung Lebensdauer 50,000 Stunden/L80 Umgebungstemperatur Bis +25 °C	Montage Plafonnier apparent/Suspendu (S/S) Source lumineuse LED Système optique Diffuseur opale (OPD) Équipement électrique Ballast électronique TRIAC (EDC) Matériels Corps: aluminium extrudé Réflecteur: polycarbonate injecté Diffuseur: PMMA opale Finition de surface Corps: blanc RAL 9003 (W03) Accessoires Câble de suspension Durée de vie utile 50,000 heures/L80 Température ambiante Jusqu'à +25 °C	Montáž Prisadené/Závěsné (S/S) Svetelný zdroj LED Optický systém Opalový difúzor (OPD) Elektrická výbava Elektronický predradník TRIAC (EDC) Material Teleso: extrudovaný hliník Reflektor: vstrekovaný polykarbonát Difúzor: opalový PMMA Povrchová úprava Teleso: biela RAL 9003 (W03) Príslušenstvo Lankový záves Servisná životnosť 50,000 hodín/L80 Teplota okolia Do +25 °C	Montaje Sobrepuestas en el techo/Suspendidas (S/S) Fuente luminica LED Sistema óptico Difusor ópalo (OPD) Cableado Equipo de control electrónico TRIAC (EDC) Material Corpo: aluminio extruido Reflector: policarbonato injectado Difusor: ópalo de PMMA Tratamiento de la superficie Corpo: blanco RAL 9003 (W03) Accesorios Cable de suspensión Vida útil 50,000 horas/L80 Temperatura ambiente Hasta +25 °C	Installazione A plafone/A sospensione (S/S) Sorgente luminosa LED Sistema ottico Diffusore opale (OPD) Cablaggio Ballast elettronico TRIAC (EDC) Materiali Corpo: estruso di alluminio Riflettore: policarbonato a iniezione Diffusore: PMMA opale Finitura Corpo: bianco RAL 9003 (W03) Accessori Cavo di sospensione Durata di vita 50,000 ore/L80 Temperatura d'ambiente fino a +25 °C	Установка Потолочная накладная/Подвесная (S/S) Источник света LED Оптическая система Матовый рассеиватель (OPD) Электрическое оснащение Электронный аппарат TRIAC (EDC) Материал Корпус: экструдированный алюминий Отражатель: инжектированный поликарбонат Рассеиватель: матовый полиметилметакрилат Отделка поверхности Корпус: белый RAL 9003 (W03) Аксессуары Тросовый подвес Срок службы 50,000 часов/L80 Температура окружающей среды До +25 °C



MOUNTING



Type	NET LUMEN OUTPUT (at Ta = 25 °C)	POWER CONSUMPTION	SYSTEM EFFICACY	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	B.E.A.M. ANGLE	WEIGHT
	(lm)	(W)	(lm/W)				(kg)
CYGNUS DECOR S /S	650	15	43	90+	3000	84°	1.3
CYGNUS DECOR S/S	650	15	43	90+	4000	84°	1.3
Luminous flux tolerance +/- 10%							



SUSPENDED



RS-S 09 L150 SQ (SQUARE SHAPE) OR RD (ROUND SHAPE)
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Zipar Track

ZIPAR UNO / DUO / TRIO / QAUTRO-S RECESSED					Application	Light distribution	Reflector	IP	STANDARD			ON REQUEST	
RECESSED	UNO	DUO	TRIO	QUATRO-S			FACED (FRE) 	IP 20	CRI 80+ Ra	CCT 3000 K CCT 4000 K	ECG ECG DALI	CRI 90+ Ra	CCT 5000 K CCT 6500 K CCT 2700 K
ZIPAR UNO / DUO / TRIO / QUATRO-S SUSPENDED													
UNO	DUO	TRIO	QUATRO-S				FACED (FRE) 	IP 20	CRI 80+ Ra	CCT 3000 K CCT 4000 K	ECG ECG DALI	CRI 90+ Ra	CCT 5000 K CCT 6500 K CCT 2700 K
ZIPAR SUSPENDED	ZIPAR SURFACED		ZIPAR TRIO SURFACED										
SUSPENDED	SURFACED	TRIO SURFACED					FACED (FRE) 	IP 20	CRI 80+ Ra	CCT 3000 K CCT 4000 K	ECG ECG DALI	CRI 90+ Ra	CCT 5000 K CCT 6500 K CCT 2700 K
ZIPAR MOVABLE	ZIPAR ADJUSTABLE	ZIPAR TRACK											
MOVABLE	ADJUSTABLE	TRACK					FACED (FRE) FACED (FRE) 	IP 20	CRI 80+ Ra	CCT 3000 K CCT 4000 K	ECG ECG DALI	CRI 90+ Ra	CCT 5000 K CCT 6500 K CCT 2700 K



Zipar Recessed

220-240V
50-60Hz

LED

CRI
80+
Ra

CCT
3000
K

CCT
4000
K

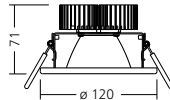
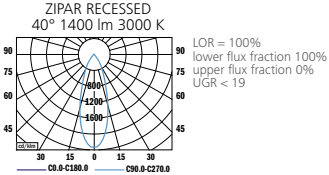
ECG

EDA
DALI

IP
20

EN Mounting Ceiling recessed Light source LED Optical system Facet reflector (FRE) Wiring Electronic control gear FIX/DALI (ECG/EDA) Materials Housing: sheet steel + extruded aluminium Reflector: facet anodised aluminium Surface finish Housing: white RAL 9003 (W03) Service lifetime 50,000 hours/L80 Ambient temperature From -20 °C to +35 °C	DE Montage Einbauleuchte Lichtquelle LED Optisches System Facettierter Reflektor (FRE) Vorschaltgerät Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA) Material Körper: Stahlblech + extrudiertes Aluminium Reflektor: facettiertes eloxiertes Aluminium Oberflächenveredelung Körper: weiss RAL 9003 (W03) Lebensdauer 50,000 Stunden/L80 Umgebungstemperatur Von -20 °C bis +35 °C	FR Montage Plafonnier encastrable Source lumineuse LED Système optique Facetté réflecteur (FRE) Équipement électrique Ballast électronique FIX/DALI (ECG/EDA) Matériels Corps: tôle d'acier + aluminium extrudé Réflecteur: aluminium à l'aspect anodisé Finition de surface Corps: blanc RAL 9003 (W03) Durée de vie utile 50,000 heures/L80 Température ambiante De -20 °C à +35 °C	SK Montáž Vsadené Svetelný zdroj LED Optický systém Fazetový reflektor (FRE) Elektrická výbava Elektronický predradník FIX/DALI (ECG/EDA) Material Teleso: oceľový plech + extrudovaný hliník Reflektor: anodizovaný fazetový hliník Povrchová úprava Teleso: biela RAL 9003 (W03) Servisná životnosť 50,000 hodín/L80 Teplota okolia Od -20 °C do +35 °C	ES Montaje Empotradas en el techo Fuente luminica LED Sistema óptico Reflector facetado (FRE) Cableado Equipo de control electrónico FIX/DALI (ECG/EDA) Material Cuerpo: lámina de acero + aluminio extruido Reflector: aluminio anodizado facetado Tratamiento de la superficie Cuerpo: blanco RAL 9003 (W03) Vida útil 50,000 horas/L80 Temperatura ambiente Desde -20 °C a +35 °C	IT Installazione Ad incasso a soffitto Sorgente luminosa LED Sistema ottico Riflettore sfaccettato (FRE) Cablaggio Ballast elettronico FIX/DALI (ECG/EDA) Materiali Corpo: lamina d'acciaio + estruso di alluminio Riflettore: alluminio anodizzato sfaccettato Finitura Corpo: bianco RAL 9003 (W03) Durata di vita 50,000 ore/L80 Temperatura d'ambiente Da -20 °C a +35 °C	RU Установка Потолочная встроенная Источник света LED Оптическая система Рифленый отражатель (FRE) Электрическое оснащение Электронный аппарат FIX/DALI (ECG/EDA) Материал Корпус: листовая сталь + экструдированный алюминий Отражатель: рифленый анодированный алюминий Отделка поверхности Корпус: белый RAL 9003 (W03) Срок службы 50,000 часов/L80 Температура окружающей среды От -20 °C до +35 °C
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PHOTOMETRY



MOUNTING



TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE	WEIGHT (kg)
ZIPAR RECESSED	1400	12	117	80+	3000	24°/40°	0.5
ZIPAR RECESSED	1450	12	121	80+	4000	24°/40°	0.5
ZIPAR RECESSED	2450	21	117	80+	3000	24°/40°	0.5
ZIPAR RECESSED	2750	23	120	80+	4000	24°/40°	0.5
ZIPAR RECESSED	3500	33	106	80+	3000	24°/40°	0.5
ZIPAR RECESSED	3650	33	111	80+	4000	24°/40°	0.5

Luminous flux tolerance +/- 10%



Zipar Adjustable

220-240V
50-60Hz

LED

CRI
80+
Ra

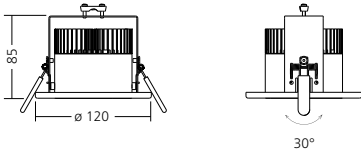
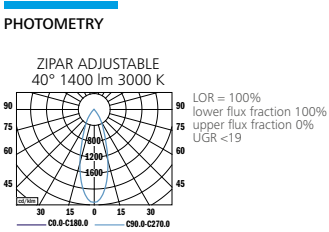
CCT
3000
K

CCT
4000
K

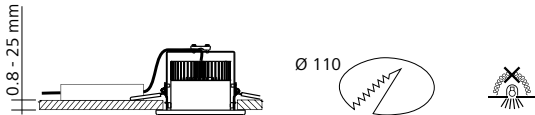
ECG

EDA
DALI

EN Mounting Ceiling recessed Light source LED Optical system Facet reflector (FRE) Wiring Electronic control gear FIX/DALI (ECG/EDA) Materials Housing: sheet steel + extruded aluminium Reflector: facet anodised aluminium Surface finish Housing: white RAL 9003 (W03) Service lifetime 50,000 hours/L80 Ambient temperature From -20 °C to +35 °C 8° from -20 °C to +30 °C	DE Montage Einbauleuchte Lichtquelle LED Optisches System Facettierter Reflektor (FRE) Vorschaltgerät Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA) Material Körper: Stahlblech + extrudiertes Aluminium Reflektor: facettiertes eloxiertes Aluminium Oberflächenveredelung Körper: weiss RAL 9003 (W03) Lebensdauer 50,000 Stunden/L80 Umgebungstemperatur Von -20 °C bis +35 °C 8° von -20 °C bis +30 °C	FR Montage Plafonnier encastrable Source lumineuse LED Système optique Facetté réflecteur (FRE) Équipement électrique Ballast électronique FIX/DALI (ECG/EDA) Matériels Corps: tôle d'acier + aluminium extrudé Réflecteur: aluminium à l'aspect anodisé Finition de surface Corps: blanc RAL 9003 (W03) Durée de vie utile 50,000 heures/L80 Température ambiante De -20 °C à +35 °C 8° de -20 °C à +30 °C	SK Montáž Vsadené Svetelný zdroj LED Optický systém Fazetový reflektor (FRE) Elektrická výbava Elektronický predradník FIX/DALI (ECG/EDA) Material Teleso: oceľový plech + extrudovaný hliník Reflektor: anodizovaný fazetový hliník Povrchová úprava Teleso: biela RAL 9003 (W03) Servisná životnosť 50,000 hodín/L80 Teplota okolia Od -20 °C do +35 °C 8° od -20 °C do +30 °C	ES Montaje Empotradas en el techo Fuente luminica LED Sistema óptico Reflector facetado (FRE) Cableado Equipo de control electronico FIX/DALI (ECG/EDA) Material Cuerpo: lámina de acero + aluminio extruido Reflector: aluminio anodizado facetado Tratamiento de la superficie Cuerpo: blanco RAL 9003 (W03) Vida útil 50,000 horas/L80 Temperatura ambiente Desde -20 °C a +35 °C 8° desde -20 °C a +30 °C	IT Installazione Ad incasso a soffitto Sorgente luminosa LED Sistema ottico Riflettore sfaccettato (FRE) Cablaggio Ballast elettronico FIX/DALI (ECG/EDA) Materiali Corpo: lamina d'acciaio + estruso di alluminio Riflettore: alluminio anodizzato sfaccettato Finitura Corpo: bianco RAL 9003 (W03) Durata di vita 50,000 ore/L80 Temperatura d'ambiente Da -20 °C a +35 °C 8° da -20 °C a +30 °C	RU Установка Потолочная встроенная Источник света LED Оптическая система Рифленый отражатель (FRE) Электрическое оснащение Электронный аппарат FIX/DALI (ECG/EDA) Материал Корпус: листовая сталь + экструдированный алюминий Отражатель: рифленый анодированный алюминий Отделка поверхности Корпус: белый RAL 9003 (W03) Срок службы 50,000 часов/L80 Температура окружающей среды От -20 °C до +35 °C 8° от -20 °C до +30 °C
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MOUNTING



TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE	WEIGHT (kg)
ZIPAR ADJUSTABLE	1050	11	95	80+	3000	8°	0.8
ZIPAR ADJUSTABLE	1100	11	100	80+	4000	8°	0.8
ZIPAR ADJUSTABLE	1400	12	117	80+	3000	24°/40°	0.5
ZIPAR ADJUSTABLE	1450	12	121	80+	4000	24°/40°	0.5
ZIPAR ADJUSTABLE	2450	21	117	80+	3000	24°/40°	0.5
ZIPAR ADJUSTABLE	2750	23	120	80+	4000	24°/40°	0.5
ZIPAR ADJUSTABLE	3500	33	106	80+	3000	24°/40°	0.5
ZIPAR ADJUSTABLE	3650	33	111	80+	4000	24°/40°	0.5

Luminous flux tolerance +/- 10%



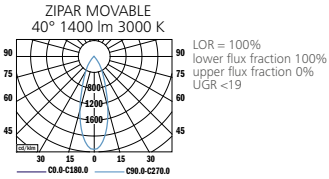
ZIPAR MOVABLE

FACET
LED

LED



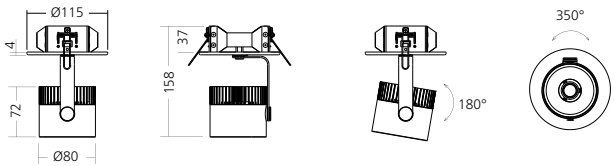
PHOTOMETRY



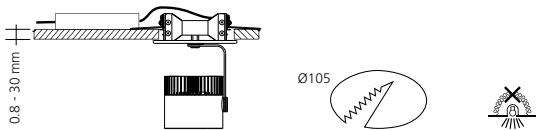
8° FRE



40° FRE



MOUNTING



TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE	WEIGHT (kg)
ZIPAR MOVABLE	1050	11	95	80+	3000	8°	0.8
ZIPAR MOVABLE	1100	11	100	80+	4000	8°	0.8
ZIPAR MOVABLE	1400	12	117	80+	3000	24°/40°	0.8
ZIPAR MOVABLE	1450	12	121	80+	4000	24°/40°	0.8
ZIPAR MOVABLE	2450	21	117	80+	3000	24°/40°	0.8
ZIPAR MOVABLE	2750	23	120	80+	4000	24°/40°	0.8
ZIPAR MOVABLE	3500	33	106	80+	4000	24°/40°	0.8
ZIPAR MOVABLE	3650	33	111	80+	4000	24°/40°	0.8

Luminous flux tolerance +/- 10%

Zipar Movable



220-240V
50-60Hz

CCT
4000
K

IP
20

EN

Mounting

Ceiling recessed

Light source

LED

Optical system

Facet reflector (FRE)

Wiring

Electronic control gear FIX/DALI (ECG/EDA)

Materials

Housing: sheet steel + extruded aluminium

Reflector: facet anodised aluminium

Tilting mechanism: steel

Surface finish

Housing: white RAL 9003 (W03)

Service lifetime

50,000 hours/L80

Ambient temperature

From -20 °C to +35 °C

8° from -20 °C to +30 °C

DE

Montage

Einbauleuchte

Lichtquelle

LED

Optisches System

Facettierter Reflektor (FRE)

Vorschaltgerät

Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)

Material

Körper: Stahlblech + extrudiertes Aluminium

Reflektor: facettiertes eloxiertes Aluminium

Kippmechanismus: Stahl

Oberflächenveredelung

Körper: weiss RAL 9003 (W03)

Lebensdauer

50,000 Stunden/L80

Umgebungstemperatur

Von -20 °C bis +35 °C

8° von -20 °C bis +30 °C

FR

Montage

Plafonnier encastrable

Source lumineuse

LED

Système optique

Facetté réflecteur (FRE)

Équipement électrique

Ballast électronique FIX/DALI (ECG/EDA)

Matériels

Corps: tôle d'acier + aluminium extrudé

Réflecteur: aluminium à l'aspect anodisé

Mécanisme d'inclinaison: tôle d'acier

Finition de surface

Corps: blanc RAL 9003 (W03)

Durée de vie utile

50,000 heures/L80

Température ambiante

De -20 °C à +35 °C

8° de -20 °C à +30 °C

SK

Montáž

Vsadené

Svetelný zdroj

LED

Optický systém

Fazetový reflektor (FRE)

Elektrická výbava

Elektronický predradník FIX/DALI (ECG/EDA)

Material

Teleso: oceľový plech + extrudovaný hliník

Reflektor: anodizovaný fazetový hliník

Polohovateľný mechanizmus: oceľ

Povrchová úprava

Teleso: biela RAL 9003 (W03)

Servicená životnosť

50,000 hodín/L80

Teplota okolia

Od -20 °C do +35 °C

8° od -20 °C do +30 °C

ES

Montaje

Empotradas en el techo

Fuente luminica

LED

Sistema óptico

Reflector facetado (FRE)

Cableado

Equipo de control electrónico FIX/DALI (ECG/EDA)

Material

Cuerpo: lámina de acero + aluminio extruido

Reflector: aluminio anodizado facetado

Mecanismo de inclinación: acero

Tratamiento de la superficie

Cuerpo: blanco RAL 9003 (W03)

Vida útil

50,000 horas/L80

Temperatura ambiente

Desde -20 °C a +35 °C

8° desde -20 °C a +30 °C

IT

Installazione

Ad incasso a soffitto

Sorgente luminosa

LED

Sistema ottico

Riflettore sfaccettato (FRE)

Cablaggio

Ballast elettronico FIX/DALI (ECG/EDA)

Materiali

Corpo: lamina d'acciaio + estruso di alluminio

Riflettore: alluminio anodizzato sfaccettato

Mecanismo di inclinazione: in lamina d'acciaio

Finitura

Corpo: bianco RAL 9003 (W03)

Durata di vita

50,000 ore/L80

Temperatura d'ambiente

Da -20 °C a +35 °C

8° da -20 °C a +30 °C

RU

Установка

Потолочная встроенная

Источник света

LED

Оптическая система

Рифленый отражатель (FRE)

Электрическое оснащение

Электронный аппарат FIX/DALI (ECG/EDA)

Материал

Корпус: листовая сталь + экструдированный алюминий

Отражатель: рифленый анодированный алюминий

Поворотный механизм: листовая сталь

Отделка поверхности

Корпус: белый RAL 9003 (W03)

Срок службы

50,000 часов/L80

Температура окружающей среды

От -20 °C до +35 °C

8° от -20 °C до +30 °C

TRACKLIGHTS AND SPOTLIGHTS

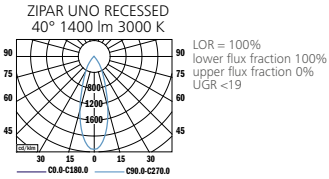


ZIPAR UNO / DUO / TRIO / QUATRO-S RECESSED

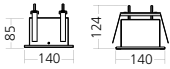
FACET
LED



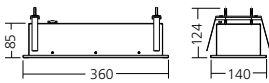
PHOTOMETRY



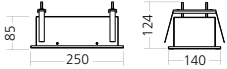
UNO



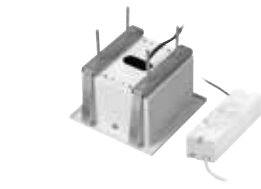
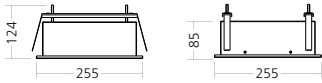
TRIO



DUO



QUATRO-S



UNO



DUO



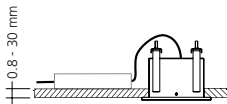
TRIO



QUATRO-S



MOUNTING

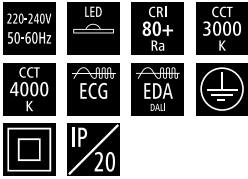


TYPE

	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE	WEIGHT (kg)
ZIPAR UNO RECESSED	1400	12	117	80+	3000	24°/40°	1.0
ZIPAR UNO RECESSED	1450	12	121	80+	4000	24°/40°	1.0
ZIPAR UNO RECESSED	2450	21	117	80+	3000	24°/40°	1.0
ZIPAR UNO RECESSED	2750	23	120	80+	4000	24°/40°	1.0
ZIPAR UNO RECESSED	3500	33	106	80+	3000	24°/40°	1.0
ZIPAR UNO RECESSED	3650	33	111	80+	4000	24°/40°	1.0
ZIPAR DUO RECESSED FIX/DALI	2800	24/29	117/97	80+	3000	24°/40°	1.5
ZIPAR DUO RECESSED FIX/DALI	2900	24/29	121/100	80+	4000	24°/40°	1.5
ZIPAR DUO RECESSED	4900	42	117	80+	3000	24°/40°	1.5
ZIPAR DUO RECESSED	5500	46	120	80+	4000	24°/40°	1.5
ZIPAR DUO RECESSED	7000	66	106	80+	3000	24°/40°	1.5
ZIPAR DUO RECESSED	7300	66	111	80+	4000	24°/40°	1.5
ZIPAR TRIO RECESSED	4200	36	117	80+	3000	24°/40°	2.8
ZIPAR TRIO RECESSED	4350	36	121	80+	4000	24°/40°	2.8
ZIPAR TRIO RECESSED	7350	63	117	80+	3000	24°/40°	2.8
ZIPAR TRIO RECESSED	8250	69	120	80+	4000	24°/40°	2.8
ZIPAR QUATRO-S RECESSED	5600	48	117	80+	3000	24°/40°	3.2
ZIPAR QUATRO-S RECESSED	5800	48	121	80+	4000	24°/40°	3.2
ZIPAR QUATRO-S RECESSED	9800	84	117	80+	3000	24°/40°	3.2
ZIPAR QUATRO-S RECESSED	11,000	92	120	80+	4000	24°/40°	3.2

Luminous flux tolerance +/- 10%

Zipar Uno / Duo / Trio / Quatro-S Recessed



EN

Mounting
Ceiling recessed (RCB)
Light source
LED
Optical system
Facet reflector (FRE)
Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Materials
Housing: sheet steel + extruded aluminium
Reflector: facet anodised aluminium
Surface finish
Housing: white RAL 9003 (W03)
Service lifetime
50,000 hours/L80
Ambient temperature
From -20 °C to +35 °C

DE

Montage
Einbauleuchte (RCB)
Lichtquelle
LED
Optisches System
Facettierter Reflektor (FRE)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Material
Körper: Stahlblech + extrudiertes Aluminium
Reflektor: facetiertes eloxiertes Aluminium
Oberflächenveredelung
Körper: weiss RAL 9003 (W03)
Lebensdauer
50,000 Stunden/L80
Umgebungstemperatur
Von -20 °C bis +35 °C

FR

Montage
Plafonnier encastrable (RCB)
Source lumineuse
LED
Système optique
Facetté réflecteur (FRE)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Matériels
Corps: tôle d'acier + aluminium extrudé
Réflecteur: aluminium à l'aspect anodisé
Finition de surface
Corps: blanc RAL 9003 (W03)
Durée de vie utile
50,000 heures/L80
Température ambiante
De -20 °C à +35 °C

SK

Montáž
Vsadení (RCB)
Svetelný zdroj
LED
Optický systém
Fazetový reflektor (FRE)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Material
Těleso: ocelový plech + extrudovaný hliník
Reflektor: anodizovaný fazetový hliník
Povrchová úprava
Těleso: bílá RAL 9003 (W03)
Servisní životnost
50,000 hodin/L80
Teplota okolí
Od -20 °C do +35 °C

ES

Montaje
Empotradas en el techo (RCB)
Fuente luminosa
LED
Sistema óptico
Reflector facetado (FRE)
Cableado
Equipo de control electrónico FIX/DALI (ECG/EDA)
Material
Cuerpo: lámina de acero + aluminio extruido
Reflector: aluminio anodizado facetado
Tratamiento de la superficie
Cuerpo: blanco RAL 9003 (W03)
Vida útil
50,000 horas/L80
Temperatura ambiente
Desde -20 °C a +35 °C

IT

Installazione
Ad incasso a soffitto (RCB)
Sorgente luminosa
LED
Sistema ottico
Riflettore sfaccettato (FRE)
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Materiali
Corpo: lamina d'acciaio + estruso di alluminio
Riflettore: alluminio anodizzato sfaccettato
Finitura
Corpo: bianco RAL 9003 (W03)
Durata di vita
50,000 ore/L80
Temperatura d'ambiente
Da -20 °C a +35 °C

RU

Установка
Потолочная встроенная (RCB)
Источник света
LED
Оптическая система
Рифленый отражатель (FRE)
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Материал
Корпус: листовая сталь + экструдированный алюминий
Отражатель: рифленый анодированный алюминий
Отделка поверхности
Корпус: белый RAL 9003 (W03)
Срок службы
50,000 часов/L80
Температура окружающей среды
От -20 °C до +35 °C

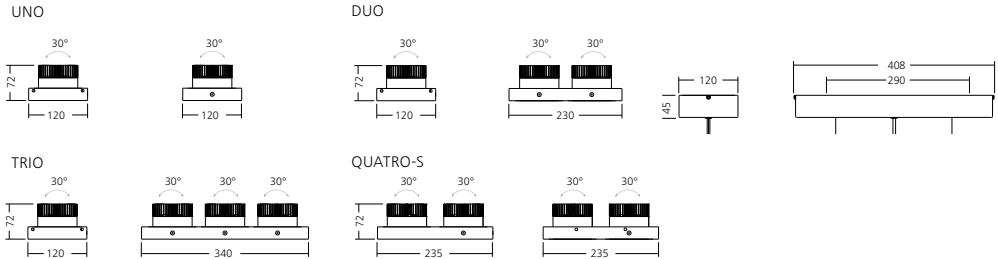
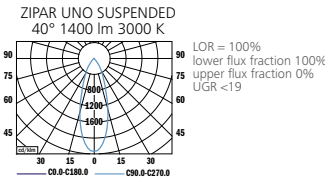
ZIPAR UNO / DUO / TRIO / QUATRO-S SUSPENDED

FACET
LED

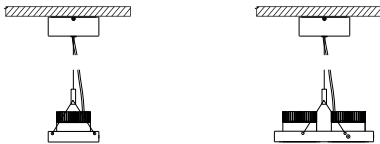


Zipar Uno / Duo / Trio / Quatro-S Suspended

PHOTOMETRY

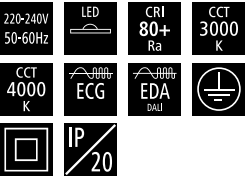
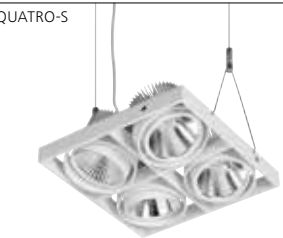
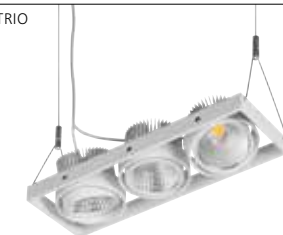


MOUNTING



TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE	WEIGHT (kg)
ZIPAR UNO SUSPENDED	1400	12	117	80+	3000	24°/40°	2.1
ZIPAR UNO SUSPENDED	1450	12	121	80+	4000	24°/40°	2.1
ZIPAR UNO SUSPENDED	2450	21	117	80+	3000	24°/40°	2.1
ZIPAR UNO SUSPENDED	2750	23	120	80+	4000	24°/40°	2.1
ZIPAR UNO SUSPENDED	3500	33	106	80+	3000	24°/40°	2.2
ZIPAR UNO SUSPENDED	3650	33	111	80+	4000	24°/40°	2.2
ZIPAR DUO SUSPENDED FIX/DALI	2800	24/29	117/97	80+	3000	24°/40°	2.7
ZIPAR DUO SUSPENDED FIX/DALI	2900	24/29	121/100	80+	4000	24°/40°	2.7
ZIPAR DUO SUSPENDED	4900	42	117	80+	3000	24°/40°	2.8
ZIPAR DUO SUSPENDED	5500	46	120	80+	4000	24°/40°	2.8
ZIPAR DUO SUSPENDED	7000	66	106	80+	3000	24°/40°	2.8
ZIPAR DUO SUSPENDED	7300	66	111	80+	4000	24°/40°	2.8
ZIPAR TRIO SUSPENDED	4200	36	117	80+	3000	24°/40°	3.4
ZIPAR TRIO SUSPENDED	4350	36	121	80+	4000	24°/40°	3.4
ZIPAR TRIO SUSPENDED	7350	63	117	80+	3000	24°/40°	3.4
ZIPAR TRIO SUSPENDED	8250	69	120	80+	4000	24°/40°	3.4
ZIPAR QUATRO-S SUSPENDED	5600	48	117	80+	3000	24°/40°	4.2
ZIPAR QUATRO-S SUSPENDED	5800	48	121	80+	4000	24°/40°	4.2
ZIPAR QUATRO-S SUSPENDED	9800	84	117	80+	3000	24°/40°	4.2
ZIPAR QUATRO-S SUSPENDED	11,000	92	120	80+	4000	24°/40°	4.2

Luminous flux tolerance +/- 10%



EN

Mounting
Suspended (SSD)
Light source
LED
Optical system
Facet reflector (FRE)
Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Materials
Gearbox: sheet steel
Reflector: facet anodised aluminium
Frame: extruded aluminium
Rope suspension
Surface finish
Housing: white RAL 9003 (W03)
Service lifetime
50,000 hours/L80
Ambient temperature
From -20 °C to +35 °C

DE

Montage
Hängend (SSD)
Lichtquelle
LED
Optisches System
Facettierter Reflektor (FRE)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Material
Vorschaltbox: Stahlblech
Reflektor: facettiertes eloxiertes Aluminium
Rahmen: extrudiertes Aluminium
Seilaufhängung
Oberflächenveredelung
Körper: weiss RAL 9003 (W03)
Lebensdauer
50,000 Stunden/L80
Umgebungstemperatur
Von -20 °C bis +35 °C

FR

Montage
Plafonnier Suspensu (SSD)
Source lumineuse
LED
Système optique
Facetté réflecteur (FRE)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Matériels
Boîte de vitesse: tôle d'acier
Réflecteur: aluminium à l'aspect anodisé
Cadre: aluminium extrudé
Câble de suspension
Finition de surface
Corps: blanc RAL 9003 (W03)
Durée de vie utile
50,000 heures/L80
Température ambiante
De -20 °C à +35 °C

SK

Montáž
Závěsné (SSD)
Svetelný zdroj
LED
Optický systém
Fazetový reflektor (FRE)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Material
Box na predradník: oceľový plech
Reflektor: anodizovaný fazetový hliník
Rám: extrudovaný hliník
Lankový záves
Povrchová úprava
Teleso: biela RAL 9003 (W03)
Servisná životnosť
50,000 hodín/L80
Teplota okolia
Od -20 °C do +35 °C

ES

Montaje
Suspendidas (SSD)
Fuente luminica
LED
Sistema óptico
Reflector facetado (FRE)
Cableado
Equipo de control electrónico FIX/DALI (ECG/EDA)
Material
Caja de cambio: lámina de acero
Reflector: aluminio anodizado facetado
Marco: aluminio extruido
Cable de suspensión
Tratamiento de la superficie
Cuerpo: blanco RAL 9003 (W03)
Vida útil
50,000 horas/L80
Temperatura ambiente
Desde -20 °C a +35 °C

IT

Installazione
A sospensione (SSD)
Sorgente luminosa
LED
Sistema ottico
Riflettore sfaccettato (FRE)
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Materiali
Box alimentatore: lamina d'acciaio
Riflettore: alluminio anodizzato sfaccettato
Cornice: alluminio estruso
Cavo di sospensione
Finitura
Corpo: bianco RAL 9003 (W03)
Durata di vita
50,000 ore/L80
Temperatura d'ambiente
Da -20 °C a +35 °C

RU

Установка
Подвесная (SSD)
Источник света
LED
Оптическая система
Рифленый отражатель (FRE)
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Материал
Отсек ПРА: листовая сталь
Отражатель: рифленый анодированный алюминий
Каркас: экструдированный алюминий
Тросовый подвес
Отделка поверхности
Корпус: белый RAL 9003 (W03)
Срок службы
50,000 часов/L80
Температура окружающей среды
От -20 °C до +35 °C

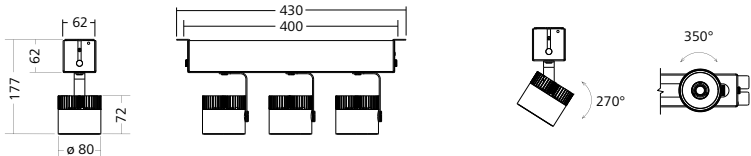
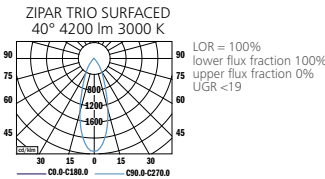
ZIPAR TRIO SURFACED

FACET
LED

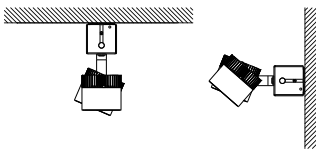
LED



PHOTOMETRY



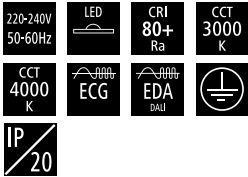
MOUNTING



TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE	WEIGHT (kg)
ZIPAR TRIO SURFACED	4200	35	120	80+	3000	24°/40°	2.3
ZIPAR TRIO SURFACED	4350	35	124	80+	4000	24°/40°	2.3

Luminous flux tolerance +/- 10%

Zipar Trio Surfaced



EN

Mounting
Surfaced (SFD)
Light source
LED
Optical system
Facet reflector (FRE)
Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Materials
Housing: sheet steel+extruded aluminium
Reflector: facet anodised aluminium
Tilting mechanism: steel
Surface finish
Housing: white RAL 9003 (W03)
Service lifetime
50,000 hours/L80
Ambient temperature
From -20 °C to +35 °C

DE

Montage
Deckenleuchte (SFD)
Lichtquelle
LED
Optisches System
Facettierter Reflektor (FRE)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Material
Körper: Stahlblech+extrudiertes Aluminium
Reflektor: facettiertes eloxiertes Aluminium
Kippmechanismus: Stahl
Oberflächenveredelung
Körper: weiss RAL 9003 (W03)
Lebensdauer
50,000 Stunden/L80
Umgebungstemperatur
Von -20 °C bis +35 °C

FR

Montage
Plafonnier apparent (SFD)
Source lumineuse
LED
Système optique
Facetté réflecteur (FRE)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Matériels
Corps: tôle d'acier+aluminium extrudé
Réflecteur: aluminium à l'aspect anodisé
Mécanisme d'inclinaison: acier
Finition de surface
Corps: blanc RAL 9003 (W03)
Durée de vie utile
50,000 heures/L80
Température ambiante
De -20 °C à +35 °C

SK

Montáž
Prisadené (SFD)
Svetelný zdroj
LED
Optický systém
Fazetový reflektor (FRE)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Material
Teleso: oceľový plech+extrudovaný hliník
Reflektor: anodizovaný fazetový hliník
Polohovateľný mechanizmus: oceľ
Povrchová úprava
Teleso: biela RAL 9003 (W03)
Servisná životnosť
50,000 hodín/L80
Teplota okolia
Od -20 °C do +35 °C

ES

Montaje
Sobrepuestas en el techo (SFD)
Fuente luminica
LED
Sistema óptico
Reflector facetado (FRE)
Cableado
Equipo de control electrónico FIX/DALI (ECG/EDA)
Material
Cuerpo: lámina de acero+aluminio extruido
Reflector: aluminio anodizado facetado
Mecanismo de inclinación: acero
Tratamiento de la superficie
Cuerpo: blanco RAL 9003 (W03)
Vida útil
50,000 horas/L80
Temperatura ambiente
Desde -20 °C a +35 °C

IT

Installazione
A plafone (SFD)
Sorgente luminosa
LED
Sistema ottico
Riflettore sfaccettato (FRE)
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Materiali
Corpo: lamina d'acciaio+estruso di alluminio
Riflettore: alluminio anodizzato sfaccettato
Meccanismo di inclinazione: in lamina d'acciaio
Finitura
Corpo: bianco RAL 9003 (W03)
Durata di vita
50,000 ore/L80
Temperatura d'ambiente
Da -20 °C a +35 °C

RU

Установка
Потолочная накладная (SFD)
Источник света
LED
Оптическая система
Рифленый отражатель (FRE)
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Материал
Корпус: листовая сталь+экструдированный алюминий
Отражатель: рифленый анодированный алюминий
Поворотный механизм: листовая сталь
Отделка поверхности
Корпус: белый RAL 9003 (W03)
Срок службы
50,000 часов/L80
Температура окружающей среды
От -20 °C до +35 °C

TRACKLIGHTS AND SPOTLIGHTS

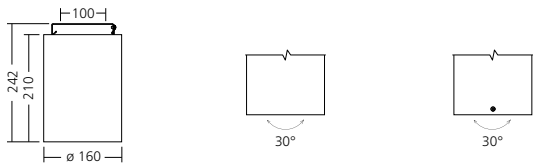
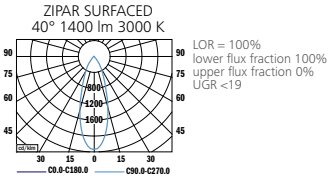
ZIPAR SURFACED

FACET
LED

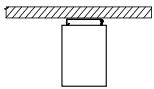
LED



PHOTOMETRY



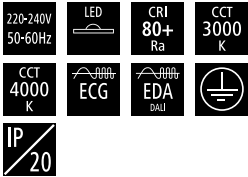
MOUNTING



TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE	WEIGHT (kg)
ZIPAR SURFACED	1400	12	117	80+	3000	24°/40°	2.6
ZIPAR SURFACED	1450	12	121	80+	4000	24°/40°	2.6
ZIPAR SURFACED	2450	21	117	80+	3000	24°/40°	2.6
ZIPAR SURFACED	2750	23	120	80+	4000	24°/40°	2.6
ZIPAR SURFACED	3500	33	106	80+	3000	24°/40°	2.6
ZIPAR SURFACED	3650	33	111	80+	4000	24°/40°	2.6

Luminous flux tolerance +/- 10%

Zipar Surfacled



EN Mounting Ceiling surfaced (SFD) Light source LED Optical system Facet reflector (FRE) Wiring Electronic control gear FIX/DALI (ECG/EDA) Materials Housing: extruded aluminium Reflector: facet anodised aluminium Top cover: sheet steel Surface finish Housing: white RAL 9003 (W03) Service lifetime 50,000 hours/L80 Ambient temperature From -20 °C to +35 °C	DE Montage Deckenleuchte (SFD) Lichtquelle LED Optisches System Facettierter Reflektor (FRE) Vorschaltgerät Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA) Material Körper: extrudiertes Aluminium Reflektor: facettiertes eloxiertes Aluminium Obere Abdeckung: Stahlblech Oberflächenveredelung Körper: Weiss RAL 9003 (W03) Lebensdauer 50,000 Stunden/L80 Umgebungstemperatur Von -20 °C bis +35 °C	FR Montage Plafonnier apparent (SFD) Source lumineuse LED Système optique Facetté réflecteur (FRE) Équipement électrique Ballast électronique FIX/DALI (ECG/EDA) Matériels Corps: aluminium extrudé Réflecteur: aluminium à l'aspect anodisé Couvercle supérieur: tôle d'acier Finition de surface Corps: blanc RAL 9003 (W03) Durée de vie utile 50,000 heures/L80 Température ambiante De -20 °C à +35 °C	SK Montáž Prisadené (SFD) Svetelný zdroj LED Optický systém Fazetový reflektor (FRE) Elektrická výbava Elektronický predradník FIX/DALI (ECG/EDA) Material Teleso: extrudovaný hliník Reflektor: anodizovaný fazetový hliník Vrchný kryt: oceľový plech Povrchová úprava Teleso: biela RAL 9003 (W03) Servisná životnosť 50,000 hodín/L80 Teplota okolia Od -20 °C do +35 °C	ES Montaje Sobrepuestas en el techo (SFD) Fuente luminica LED Sistema ottico Reflector facetado (FRE) Cableado Equipo de control electronico FIX/DALI (ECG/EDA) Material Cuerpo: aluminio extruido Reflector: aluminio anodizado facetado Cubierta superior: lámina de acero Tratamiento de la superficie Cuerpo: blanco RAL 9003 (W03) Vida útil 50,000 horas/L80 Temperatura ambiente Desde -20 °C a +35 °C	IT Installazione A plafone (SFD) Sorgente luminosa LED Sistema ottico Riflettore sfaccettato (FRE) Cablaggio Ballast elettronico FIX/DALI (ECG/EDA) Materiali Corpo: estruso di alluminio Riflettore: alluminio anodizzato sfaccettato Copertura superiore: lamina d'acciaio Finitura Corpo: bianco RAL 9003 (W03) Durata di vita 50,000 ore/L80 Temperatura d'ambiente Da -20 °C a +35 °C	RU Установка Потолочная накладная (SFD) Источник света LED Оптическая система Рифленый отражатель (FRE) Электрическое оснащение Электронный аппарат FIX/DALI (ECG/EDA) Материал Корпус: экструдированный алюминий Отражатель: рифленый анодированный алюминий Верхний крышка: листовая сталь Отделка поверхности Корпус: белый RAL 9003 (W03) Срок службы 50,000 часов/L80 Температура окружающей среды От -20 °C до +35 °C
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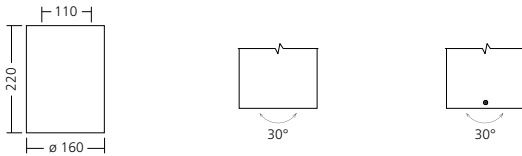
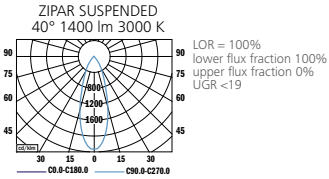
ZIPAR SUPENDED

FACET
LED

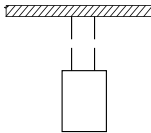
LED



PHOTOMETRY



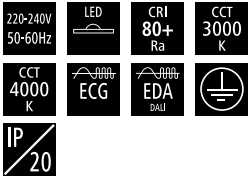
MOUNTING



TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE	WEIGHT (kg)
ZIPAR SUSPENDED	1400	12	117	80+	3000	24°/40°	2.5
ZIPAR SUSPENDED	1450	12	121	80+	4000	24°/40°	2.5
ZIPAR SUSPENDED	2450	21	117	80+	3000	24°/40°	2.5
ZIPAR SUSPENDED	2750	23	120	80+	4000	24°/40°	2.5
ZIPAR SUSPENDED	3500	33	106	80+	3000	24°/40°	2.5
ZIPAR SUSPENDED	3650	33	111	80+	4000	24°/40°	2.5

Luminous flux tolerance +/- 10%

Zipar Suspended



EN Mounting Suspended (SSD) Light source LED Optical system Facet reflector (FRE) Wiring Electronic control gear FIX/DALI (ECG/EDA) Materials Housing: extruded aluminium Reflector: facet anodised aluminium Top cover: sheet steel Rope suspension Surface finish Housing: white RAL 9003 (W03) Service lifetime 50,000 hours/L80 Ambient temperature From -20 °C to +35 °C	DE Montage Hängend (SSD) Lichtquelle LED Optisches System Facettierter Reflektor (FRE) Vorschaltgerät Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA) Material Körper: extrudiertes Aluminium Reflektor: facettiertes eloxiertes Aluminium Obere Abdeckung: Stahlblech Seilaufhängung Oberflächenveredelung Körper: Weiss RAL 9003 (W03) Lebensdauer 50,000 Stunden/L80 Umgebungstemperatur Von -20 °C bis +35 °C	FR Montage Plafonnier Suspendu (SSD) Source lumineuse LED Système optique Facet réflecteur (FRE) Équipement électrique Ballast électronique FIX/DALI (ECG/EDA) Matériels Corps: aluminium extrudé Réflecteur: aluminium à l'aspect anodisé Couvercle supérieur: tôle d'acier Câble de suspension Finition de surface Corps: blanc RAL 9003 (W03) Durée de vie utile 50,000 heures/L80 Température ambiante De -20 °C à +35 °C	SK Montáž Závěsné (SSD) Svetelný zdroj LED Optický systém Fazetový reflektor (FRE) Elektrická výbava Elektronický predradník FIX/DALI (ECG/EDA) Material Teleso: extrudovaný hliník Reflektor: anodizovaný fazetový hliník Vrchný kryt: oceľový plech Lankový záves Povrchová úprava Teleso: biela RAL 9003 (W03) Servisná životnosť 50,000 hodín/L80 Teplota okolia Od -20 °C do +35 °C	ES Montaje Suspendidas (SSD) Fuente luminica LED Sistema óptico Reflector facetado (FRE) Cableado Equipo de control electrónico FIX/DALI (ECG/EDA) Material Cuerpo: aluminio extruido Reflector: aluminio anodizado facetado Cubierta superior: lámina de acero Cable de suspensión Tratamiento de la superficie Cuerpo: blanco RAL 9003 (W03) Vida útil 50,000 horas/L80 Temperatura ambiente Desde -20 °C a +35 °C	IT Installazione A sospensione (SSD) Sorgente luminosa LED Sistema ottico Riflettore sfaccettato (FRE) Cablaggio Ballast elettronico FIX/DALI (ECG/EDA) Materiali Corpo: estruso di alluminio Riflettore: alluminio anodizzato sfaccettato Copertura superiore: lamina d'acciaio Cavo di sospensione Finitura Corpo: bianco RAL 9003 (W03) Durata di vita 50,000 ore/L80 Temperatura d'ambiente Da -20 °C a +35 °C	RU Установка Подвесная (SSD) Источник света LED Оптическая система Рифленый отражатель (FRE) Электрическое оснащение Электронный аппарат FIX/DALI (ECG/EDA) Материал Корпус: экструдированный алюминий Отражатель: рифленый анодированный алюминий Верхний крышка: листовая сталь Тросовый подвес Отделка поверхности Корпус: белый RAL 9003 (W03) Срок службы 50,000 часов/L80 Температура окружающей среды От -20 °C до +35 °C
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Zipar Track

ZIPAR TRACK

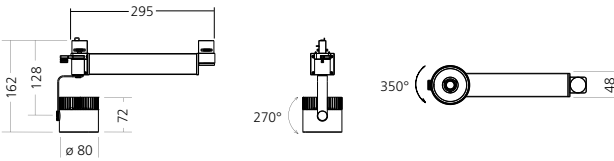
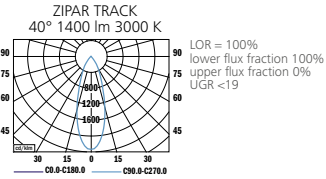
FACET
LED

LED

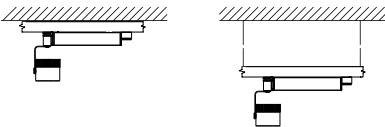
FASTRUNNER



PHOTOMETRY



MOUNTING



TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE	WEIGHT (kg)
ZIPAR TRACK	1050	11	95	80+	3000	8°	0.8
ZIPAR TRACK	1100	11	100	80+	4000	8°	0.8
ZIPAR TRACK	1400	12	117	80+	3000	24°/40°	0.8
ZIPAR TRACK	1450	12	121	80+	4000	24°/40°	0.8
ZIPAR TRACK	2450	21	117	80+	3000	24°/40°	0.8
ZIPAR TRACK	2750	23	120	80+	4000	24°/40°	0.8
ZIPAR TRACK	3500	33	106	80+	4000	24°/40°	0.8
ZIPAR TRACK	3650	33	111	80+	4000	24°/40°	0.8

Luminous flux tolerance +/- 10%



REFLECTOR 8°

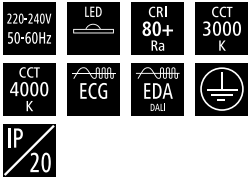


REFLECTOR 24°



TRACKLIGHTS AND SPOTLIGHTS

Zipar Track



EN

Mounting
Suspended or ceiling surfaced lighting track system - suitable for ONETRACK (TRS)

Light source
LED

Optical system
Facet reflector (FRE)

Wiring
Electronic control gear FIX/DALI (ECG/EDA)

Materials
Housing: die-cast aluminium + sheet steel
Reflector: facet anodised aluminium

Surface finish
Housing: white RAL 9003 (W03)

Accessories
Various types of connections and suspension equipment (ONETRACK)

Service lifetime
50,000 hours/L80

Ambient temperature
24°/40°- From -20 °C to +35 °C
8°- From -20 °C to +30 °C

DE

Montage
Hängende oder an der Decke angesetzte Stromschiennenmontage - eignet sich für ONETRACK (TRS)

Lichtquelle
LED

Optisches System
Facettierter Reflektor (FRE)

Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)

Material
Körper: Aluminiumdruckguss + Stahlblech
Reflektor: facettiertes eloxiertes Aluminium

Oberflächenveredelung
Körper: Weiss RAL 9003 (W03)

Zubehör
Verschiedene Verbindungs- und Aufhängevorrichtungen (ONETRACK)

Lebensdauer
50,000 Stunden/L80

Umgebungstemperatur
24°/40°- Von -20 °C bis +35 °C
8°- Von -20 °C bis +30 °C

FR

Montage
Système d'éclairage à rail installé suspendu ou apparent - adapté au rail ONETRACK (TRS)

Source lumineuse
LED

Système optique
Facetté réflecteur (FRE)

Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)

Matériels
Corps: aluminium moulé sous pression + tôle d'acier
Réflecteur: aluminium à l'aspect anodisé

Finition de surface
Corps: blanc RAL 9003 (W03)

Accessoires
Différents types de connexions et d'équipement de suspensions (ONETRACK)

Durée de vie utile
50,000 heures/L80

Température ambiante
24°/40°- De -20 °C à +35 °C
8°- De -20 °C à +30 °C

SK

Montáž
Závesný alebo prísadený koľajnicový systém - určené pre ONETRACK (TRS)

Svetelný zdroj
LED

Optický systém
Fazetový reflektor (FRE)

Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)

Material
Teleso: hliníkový odliatok + oceľový plech
Reflektor: anodizovaný fazetový hliník

Povrchová úprava
Teleso: biela RAL 9003 (W03)

Príslušenstvo
Rôzne typy spojok a závesov (ONETRACK)

Servisná životnosť
50,000 hodín/L80

Teplota okolia
24°/40°- Od -20 °C do +35 °C
8°- Od -20 °C do +30 °C

ES

Montaje
Sistema riel lumínico suspendido o sobrepuesto - adecuado para ONETRACK (TRS)

Fuente luminica
LED

Sistema óptico
Reflector facetado (FRE)

Cableado
Equipo de control electrónico FIX/DALI (ECG/EDA)

Material
Cuerpo: aluminio moldeado + lámina de acero
Reflector: aluminio anodizado facetado

Tratamiento de la superficie
Cuerpo: blanco RAL 9003 (W03)

Accesorios
Varios tipos de conexiones y equipos de suspensión (ONETRACK)

Vida útil
50,000 horas/L80

Temperatura ambiente
24°/40°- Desde -20 °C a +35 °C
8°- Desde -20 °C a +30 °C

IT

Installazione
Sistema di illuminazione a binari, a sospensione o a plafone - adatto per ONETRACK (TRS)

Sorgente luminosa
LED

Sistema ottico
Riflettore sfaccettato (FRE)

Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)

Materiali
Corpo: pressofusione di alluminio + lamina d'acciaio
Riflettore: alluminio anodizzato sfaccettato

Finitura
Corpo: bianco RAL 9003 (W03)

Accessori
Diversi tipi connessioni e accessori per la sospensione (ONETRACK)

Durata di vita
50,000 ore/L80

Temperatura d'ambiente
24°/40°- Da -20 °C a +35 °C
8°- Da -20 °C a +30 °C

RU

Установка
Подвесная или накладная потолочная трековая система освещения - подходит для ONETRACK (TRS)

Источник света
LED

Оптическая система
Рифленый отражатель (FRE)

Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)

Материал
Корпус: литой алюминий + листовая сталь
Отражатель: рифленый анодированный алюминий

Отделка поверхности
Корпус: белый RAL 9003 (W03)

Аксессуары
Разные типы соединений и подвесного оборудования (ONETRACK)

Срок службы
50,000 часов/L80

Температура окружающей среды
24°/40°- От -20 °C до +35 °C
8°- От -20 °C до +30 °C





Avior Motion

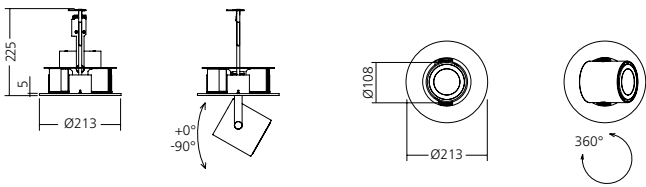
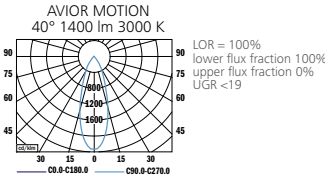
AVIOR MOTION

FACET
LED

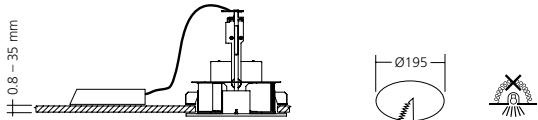
LED



PHOTOMETRY



MOUNTING



TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE	WEIGHT (kg)
AVIOR MOTION	1400	12	117	80+	3000	24° / 40° / 60°	3.1
AVIOR MOTION	1450	12	121	80+	4000	24° / 40° / 60°	3.1
AVIOR MOTION	2450	21	117	80+	3000	24° / 40° / 60°	3.1
AVIOR MOTION	2750	23	120	80+	4000	24° / 40° / 60°	3.1
AVIOR MOTION	4050	38	107	80+	3000	24° / 40° / 60°	3.1
AVIOR MOTION	4400	40	110	80+	4000	24° / 40° / 60°	3.1
AVIOR MOTION	5300	52	102	80+	4000	24° / 40° / 60°	3.1
AVIOR MOTION	5500	52	106	80+	4000	24° / 40° / 60°	3.1

Luminous flux tolerance +/- 10 %



REFLECTOR 24°



REFLECTOR 40°



REFLECTOR 60°

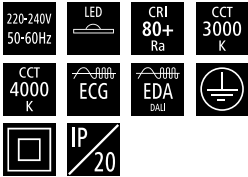


RED FILTER



TRACKLIGHTS AND SPOTLIGHTS

Avior Motion



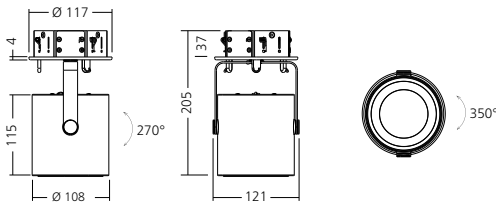
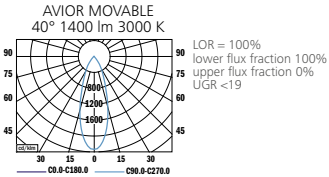
EN Mounting Ceiling recessed Light source LED Optical system Facet reflector (FRE) Wiring Electronic control gear FIX/DALI (ECG/EDA) Materials Housing: die-cast aluminium Reflector: facet anodised aluminium Tilting mechanism: steel Trim: sheet steel Surface finish Housing: white RAL 9003 (W03) Accessories Various coloured filters Exchangeable reflectors Service lifetime 50,000 hours/L80 Ambient temperature From -20 °C to +35 °C	DE Montage Einbauleuchte Lichtquelle LED Optisches System Facettierter Reflektor (FRE) Vorschaltgerät Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA) Material Körper: Aluminiumdruckguss Reflektor: facetiertes eloxiertes Aluminium Kippmechanismus: Stahl Einfassung: Stahlblech Oberflächenveredelung Körper: Weiss RAL 9003 (W03) Zubehör Verschiedene farbige Filter Austauschbare Reflektoren Lebensdauer 50,000 Stunden/L80 Umgebungstemperatur Von -20 °C bis +35 °C	FR Montage Plafonnier encastrable Source lumineuse LED Système optique Facetté réflecteur (FRE) Équipement électrique Ballast électronique FIX/DALI (ECG/EDA) Matériels Corps: aluminium moulé sous pression Réflecteur: aluminium à l'aspect anodisé Mécanisme d'inclinaison: tôle d'acier Moulure: tôle d'acier Finition de surface Corps: blanc RAL 9003 (W03) Accessoires Divers filtres colorés Austauschbare Reflektoren Durée de vie utile 50,000 heures/L80 Température ambiante De -20 °C à +35 °C	SK Montáž Vsaďený Svetelný zdroj LED Optický systém Fazetový reflektor (FRE) Elektrická výbava Elektronický predradník FIX/DALI (ECG/EDA) Material Teleso: hliníkový odliatok Reflektor: anodizovaný fazetový hliník Polohovateľný mechanizmus: oceľ Obruč: ocelový plech Povrchová úprava Teleso: biela RAL 9003 (W03) Príslušenstvo Rôzne farebné filtre Vymeniteľné reflektory Servisná životnosť 50,000 hodín/L80 Teplota okolia Od -20 °C do +35 °C	ES Montaje Empotradas en el techo Fuente luminica LED Sistema óptico Reflector facetado (FRE) Cableado Equipo de control electrónico FIX/DALI (ECG/EDA) Material Cuerpo: aluminio moldeado Reflector: aluminio anodizado facetado Mecanismo de inclinación: acero Reborde: lámina de acero Tratamiento de la superficie Cuerpo: blanco RAL 9003 (W03) Accesorios Varios filtros coloreados Refletores intercambiables Vida útil 50,000 horas/L80 Temperatura ambiente Desde -20 °C a +35 °C	IT Installazione Ad incasso a soffitto Sorgente luminosa LED Sistema ottico Riflettore sfaccettato (FRE) Cablaggio Ballast elettronico FIX/DALI (ECG/EDA) Materiali Corpo: pressofusione di alluminio Riflettore: alluminio anodizzato sfaccettato Meccanismo di inclinazione: in lamina d'acciaio Profilo: lamina in alluminio Finitura Corpo: bianco RAL 9003 (W03) Accessori Vari filtri colorati Riflettori intercambiabili Durata di vita 50,000 ore/L80 Temperatura d'ambiente Da -20 °C a +35 °C	RU Установка Потолочная встроенная Источник света LED Оптическая система Рифленый отражатель (FRE) Электрическое оснащение Электронный аппарат FIX/DALI (ECG/EDA) Материал Корпус: литой алюминий Отражатель: рифленый анодированный алюминий Поворотный механизм: листовая сталь Накладка: листовая сталь Отделка поверхности Корпус: белый RAL 9003 (W03) Аксессуары Различные цветные фильтры Сменные отражатели Срок службы 50,000 часов/L80 Температура окружающей среды От -20 °C до +35 °C
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AVIOR MOVABLE

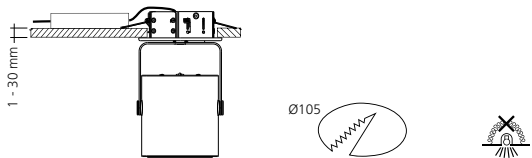
FACET
LED



PHOTOMETRY



MOUNTING



TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE	WEIGHT (kg)
AVIOR MOVABLE	1400	12	117	80+	3000	24° / 40° / 60°	1.6
AVIOR MOVABLE	1450	12	121	80+	4000	24° / 40° / 60°	1.6
AVIOR MOVABLE	2450	21	117	80+	3000	24° / 40° / 60°	1.6
AVIOR MOVABLE	2750	23	120	80+	4000	24° / 40° / 60°	1.6
AVIOR MOVABLE	4050	38	107	80+	3000	24° / 40° / 60°	1.7
AVIOR MOVABLE	4400	40	110	80+	4000	24° / 40° / 60°	1.7
AVIOR MOVABLE	5300	52	102	80+	4000	24° / 40° / 60°	1.7
AVIOR MOVABLE	5500	52	106	80+	4000	24° / 40° / 60°	1.7

Luminous flux tolerance +/- 10 %

REFLECTOR 24°



REFLECTOR 40°



REFLECTOR 60°

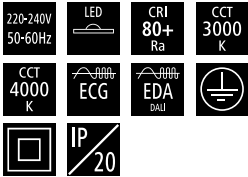


RED FILTER



TRACKLIGHTS AND SPOTLIGHTS

Avior Movable



EN

Mounting
Ceiling recessed
Light source
LED
Optical system
Facet reflector (FRE)
Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Materials
Housing: sheet steel + extruded aluminium
Reflector: facet anodised aluminium
Tilting mechanism: steel
Surface finish
Housing: white RAL 9003 (W03)
Accessories
Various coloured filters
Exchangeable reflectors
Service lifetime
50,000 hours/L80
Ambient temperature
From -20 °C to +35 °C

DE

Montage
Einbauleuchte
Lichtquelle
LED
Optisches System
Facettierter Reflektor (FRE)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Material
Körper: Stahlblech + extrudiertes Aluminium
Reflektor: facetiertes eloxiertes Aluminium
Kippmechanismus: Stahl
Oberflächenveredelung
Körper: Weiss RAL 9003 (W03)
Zubehör
Verschiedene farbige Filter
Austauschbare Reflektoren
Lebensdauer
50,000 Stunden/L80
Umgebungstemperatur
Von -20 °C bis +35 °C

FR

Montage
Plafonnier encastrable
Source lumineuse
LED
Système optique
Facetté réflecteur (FRE)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Matériels
Corps: tôle d'acier + aluminium extrudé
Réflecteur: aluminium à l'aspect anodisé
Mécanisme d'inclinaison: tôle d'acier
Finition de surface
Corps: blanc RAL 9003 (W03)
Accessoires
Divers filtres colorés
Réflecteurs échangeables
Durée de vie utile
50,000 heures/L80
Température ambiante
De -20 °C à +35 °C

SK

Montáž
Vsaďené
Svetelný zdroj
LED
Optický systém
Fazetový reflektor (FRE)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Material
Teleso: oceľový plech + extrudovaný hliník
Reflektor: anodizovaný fazetový hliník
Polohovateľný mechanizmus: oceľ
Povrchová úprava
Teleso: biela RAL 9003 (W03)
Príslušenstvo
Rôzne farebné filtre
Vymeniteľné reflektory
Servisná životnosť
50,000 hodín/L80
Teplota okolia
Od -20 °C do +35 °C

ES

Montaje
Empotradas en el techo
Fuente luminica
LED
Sistema óptico
Reflector facetado (FRE)
Cableado
Equipo de control electrónico FIX/DALI (ECG/EDA)
Material
Cuerpo: lámina de acero + aluminio extruido
Reflector: aluminio anodizado facetado
Mecanismo de inclinación: acero
Tratamiento de la superficie
Cuerpo: blanco RAL 9003 (W03)
Accesorios
Varios filtros coloreados
Reflectores intercambiables
Vida útil
50,000 horas/L80
Temperatura ambiente
Desde -20 °C a +35 °C

IT

Installazione
Ad incasso a soffitto
Sorgente luminosa
LED
Sistema ottico
Riflettore sfaccettato (FRE)
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Materiali
Corpo: lamina d'acciaio + estruso di alluminio
Riflettore: alluminio anodizzato sfaccettato
Meccanismo di inclinazione: in lamina d'acciaio
Finitura
Corpo: bianco RAL 9003 (W03)
Accessori
Vari filtri colorati
Riflettori intercambiabili
Durata di vita
50,000 ore/L80
Temperatura d'ambiente
Da -20 °C a +35 °C

RU

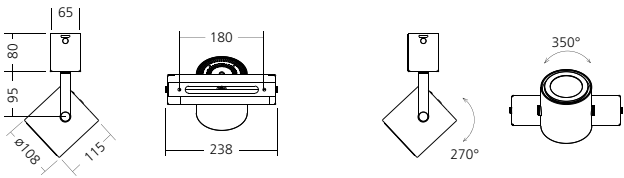
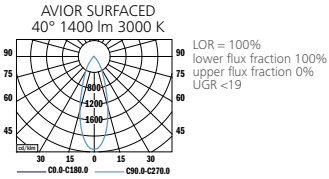
Установка
Потолочная встроенная
Источник света
LED
Оптическая система
Рифленый отражатель (FRE)
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Материал
Корпус: листовая сталь + экструдированный алюминий
Отражатель: рифленый анодированный алюминий
Поворотный механизм: листовая сталь
Отделка поверхности
Корпус: белый RAL 9003 (W03)
Аксессуары
Различные цветные фильтры
Сменные отражатели
Срок службы
50,000 часов/L80
Температура окружающей среды
От -20 °C до +35 °C

AVIOR SURFACED

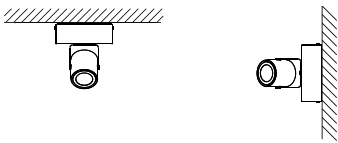
FACET
LED



PHOTOMETRY



MOUNTING



TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE	WEIGHT (kg)
AVIOR SURFACED	1400	12	117	80+	3000	24°/40°/60°	1.9
AVIOR SURFACED	1450	12	121	80+	4000	24°/40°/60°	1.9
AVIOR SURFACED	2450	21	117	80+	3000	24°/40°/60°	1.9
AVIOR SURFACED	2750	23	120	80+	4000	24°/40°/60°	1.9
AVIOR SURFACED	4050	38	107	80+	3000	24°/40°/60°	1.9
AVIOR SURFACED	4400	40	110	80+	4000	24°/40°/60°	1.9
AVIOR SURFACED	5300	52	102	80+	4000	24°/40°/60°	1.9
AVIOR SURFACED	5500	52	106	80+	4000	24°/40°/60°	1.9

Luminous flux tolerance +/- 10%

REFLECTOR 24°



REFLECTOR 40°



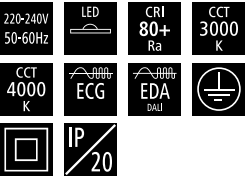
REFLECTOR 60°



RED FILTER



Avior Surfacled



EN

Mounting
Surfaced (SFD)
Light source
LED
Optical system
Facet reflector (FRE)
Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Materials
Reflector: facet anodised aluminium
Housing: sheet steel
Tilting mechanism: steel
Surface finish
Housing: white RAL 9003 (W03)
Accessories
Various coloured filters
Exchangeable reflectors
Service lifetime
50,000 hours/L80
Ambient temperature
From -20 °C to +35 °C

DE

Montage
Deckenleuchte (SFD)
Lichtquelle
LED
Optisches System
Facettierter Reflektor (FRE)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Material
Reflektor: facettiertes eloxiertes Aluminium
Körper: Stahlblech
Kippmechanismus: Stahl
Oberflächenveredelung
Körper: Weiss RAL 9003 (W03)
Zubehör
Verschiedene farbige Filter
Austauschbare Reflektoren
Lebensdauer
50,000 Stunden/L80
Umgebungstemperatur
Von -20 °C bis +35 °C

FR

Montage
Plafonnier apparent (SFD)
Source lumineuse
LED
Système optique
Facetté réflecteur (FRE)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Matériels
Réflecteur: aluminium à l'aspect anodisé
Corps: tôle d'acier
Mécanisme d'inclinaison: acier
Finition de surface
Corps: blanc RAL 9003 (W03)
Accessoires
Divers filtres colorés
Réflecteurs échangeables
Durée de vie utile
50,000 heures/L80
Température ambiante
De -20 °C à +35 °C

SK

Montáž
Prisadené (SFD)
Svetelný zdroj
LED
Optický systém
Fazetový reflektor (FRE)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Material
Reflektor: anodizovaný fazetový hliník
Teleso: ocelový plech
Polohovateľný mechanizmus: oceľ
Povrchová úprava
Teleso: biela RAL 9003 (W03)
Príslušenstvo
Rôzne farebné filtre
Vymeniteľné reflektory
Servisná životnosť
50,000 hodín/L80
Teplota okolia
Od -20 °C do +35 °C

ES

Montaje
Sobrepuestas en el techo (SFD)
Fuente luminica
LED
Sistema óptico
Reflector facetado (FRE)
Cableado
Equipo de control electrónico FIX/DALI (ECG/EDA)
Material
Reflector: aluminio anodizado facetado
Cuerpo: lámina de acero
Mecanismo de inclinación: acero
Tratamiento de la superficie
Cuerpo: blanco RAL 9003 (W03)
Accesorios
Varios filtros coloreados
Refletores intercambiables
Vida útil
50,000 horas/L80
Temperatura ambiente
Desde -20 °C a +35 °C

IT

Installazione
A plafone (SFD)
Sorgente luminosa
LED
Sistema ottico
Riflettore sfaccettato (FRE)
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Materiali
Riflettore: alluminio anodizzato sfaccettato
Corpo: lamina d'acciaio
Meccanismo di inclinazione: in lamina d'acciaio
Finitura
Corpo: bianco RAL 9003 (W03)
Accessori
Vari filtri colorati
Riflettori intercambiabili
Durata di vita
50,000 ore/L80
Temperatura d'ambiente
Da -20 °C a +35 °C

RU

Установка
Потолочная накладная (SFD)
Источник света
LED
Оптическая система
Рифленый отражатель (FRE)
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Материал
Отражатель: рифленый анодированный алюминий
Корпус: листовая сталь
Поворотный механизм: листовая сталь
Отделка поверхности
Корпус: белый RAL 9003 (W03)
Аксессуары
Различные цветные фильтры
Сменные отражатели
Срок службы
50,000 часов/L80
Температура окружающей среды
От -20 °C до +35 °C



Avior Track

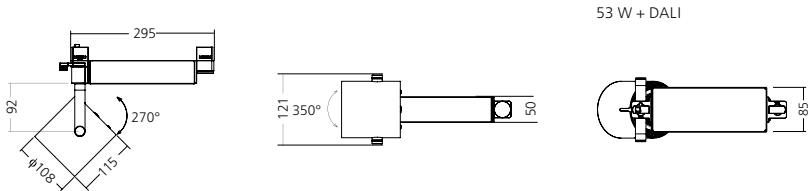
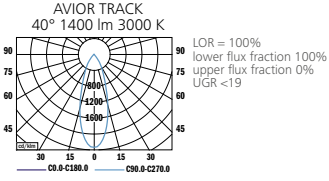
PREMIUM
Collection

AVIOR TRACK
FACET
LED

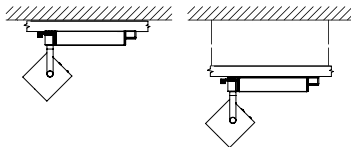


Avior Track

PHOTOMETRY



MOUNTING



TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE	WEIGHT (kg)
AVIOR TRACK	1400	12	117	80+	3000	24°/40°/60°	1.6
AVIOR TRACK	1450	12	121	80+	4000	24°/40°/60°	1.6
AVIOR TRACK	2450	21	117	80+	3000	24°/40°/60°	1.6
AVIOR TRACK	2750	23	120	80+	4000	24°/40°/60°	1.6
AVIOR TRACK	4050	38	107	80+	3000	24°/40°/60°	1.9
AVIOR TRACK	4400	40	110	80+	4000	24°/40°/60°	1.9
AVIOR TRACK	5300	52	102	80+	4000	24°/40°/60°	1.9
AVIOR TRACK	5500	52	106	80+	4000	24°/40°/60°	1.9

Luminous flux tolerance +/- 10%



TRACKLIGHTS AND SPOTLIGHTS



220-240V
50-60Hz

LED

CRI
80+
Ra

CCT
3000
K

CCT
4000
K

ECG

EDA
DALI

IP
20

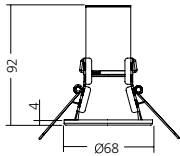
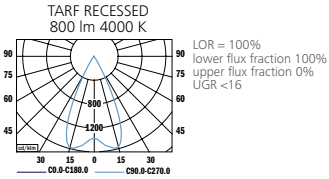
EN Mounting Suspended or ceiling surfaced lighting track system - suitable for ONETRACK (TRS) Light source LED Optical system Facet reflector (FRE) Wiring Electronic control gear FIX/DALI (ECG/EDA) Materials Housing: die-cast aluminium + sheet steel Reflector: facet anodised aluminium Surface finish Housing: white RAL 9003 (W03) Accessories Various types of connections and suspension equipment (ONETRACK) Various coloured filters Exchangeable reflectors Service lifetime 50,000 hours/L80 Ambient temperature From -20 °C to +35 °C	DE Montage Hängende oder an der Decke angesetzte Stromschienenmontage - eignet sich für ONETRACK (TRS) Lichtquelle LED Optisches System Facettierter Reflektor (FRE) Vorschaltgerät Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA) Material Körper: Aluminiumdruckguss + Stahlblech Reflektor: facettiertes eloxiertes Aluminium Oberflächenveredelung Körper: Weiss RAL 9003 (W03) Zubehör Verschiedene Verbindungs- und Aufhängevorrichtungen (ONETRACK) Verschiedene farbige Filter Austauschbare Reflektoren Lebensdauer 50,000 Stundenv/L80 Umgebungstemperatur Von -20 °C bis +35 °C	FR Montage Système d'éclairage à rail installé suspendu ou apparent - adapté au rail ONETRACK (TRS) Source lumineuse LED Système optique Facetté réflecteur (FRE) Équipement électrique Ballast électronique FIX/DALI (ECG/EDA) Matériels Corps: aluminium moulé sous pression + tôle d'acier Réflecteur: aluminium à l'aspect anodisé Finition de surface Corps: blanc RAL 9003 (W03) Accessoires Différents types de connexions et d'équipement de suspensions (ONETRACK) Divers filtres colorés Réflecteurs échangeables Durée de vie utile 50,000 heures/L80 Température ambiante De -20 °C à +35 °C	SK Montáž Závěsný alebo prisadený koľajnícový systém - určené pre ONETRACK (TRS) Svetelný zdroj LED Optický systém Fazetový reflektor (FRE) Elektrická výbava Elektronický predradník FIX/DALI (ECG/EDA) Material Teleso: hliníkový odliatok + oceľový plech Reflektor: anodizovaný fazetový hliník Povrchová úprava Teleso: biela RAL 9003 (W03) Príslušenstvo Rôzne typy spojok a závesov (ONETRACK) Rôzne farebné filtre Vymeniteľné reflektory Servisná životnosť 50,000 hodín/L80 Teplota okolia Od -20 °C do +35 °C	ES Montaje Sistema riel luminico suspendido o sobrepuesto - adecuado para ONETRACK (TRS) Fuente luminica LED Sistema óptico Reflector facetado (FRE) Cableado Equipo de control electronico FIX/DALI (ECG/EDA) Material Cuerpo: aluminio moldeado + lámina de acero Reflector: aluminio anodizado facetado Tratamiento de la superficie Cuerpo: blanco RAL 9003 (W03) Accesorios Varios tipos de conexiones y equipos de suspensión (ONETRACK) Varios filtros coloreados Reflectores intercambiables Vida útil 50,000 horas/L80 Temperatura ambiente Desde -20 °C a +35 °C	IT Installazione Sistema di illuminazione a binari, a sospensione o a plafone - adatto per ONETRACK (TRS) Sorgente luminosa LED Sistema ottico Riflettore sfaccettato (FRE) Cablaggio Ballast elettronico FIX/DALI (ECG/EDA) Materiali Corpo: pressofusione di alluminio + lamina d'acciaio Riflettore: alluminio anodizzato sfaccettato Finitura Corpo: bianco RAL 9003 (W03) Accessori Diversi tipi connessioni e accessori per la sospensione (ONETRACK) Vari filtri colorati Riflettori intercambiabili Durata di vita 50,000 ore/L80 Temperatura d'ambiente Da -20 °C a +35 °C	RU Установка Подвесная или накладная потолочная трековая система освещения - подходит для ONETRACK (TRS) Источник света LED Оптическая система Рифленый отражатель (FRE) Электрическое оснащение Электронный аппарат FIX/DALI (ECG/EDA) Материал Корпус: литой алюминий + листовая сталь Отражатель: рифленый анодированный алюминий Отделка поверхности Корпус: белый RAL 9003 (W03) Аксессуары Разные типы соединений и подвесного оборудования (ONETRACK) Различные цветные фильтры Сменные отражатели Срок службы 50,000 часов/L80 Температура окружающей среды От -20 °C до +35 °C
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TARF RECESSED

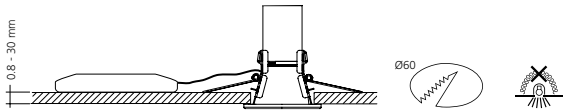
FACET
LED



PHOTOMETRY



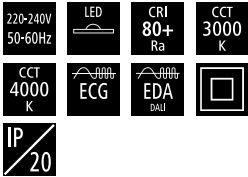
MOUNTING



TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE	WEIGHT (kg)
TARF RECESSED	800	11	73	80+	3000	50°	0.3
TARF RECESSED	900	11	82	80+	4000	50°	0.3

Luminous flux tolerance +/- 10%

Tarf Recessed



EN Mounting Ceiling recessed Light source LED Optical system Facet matt reflector (FRM) Wiring Electronic control gear FIX/DALI (ECG/EDA) Materials Housing: sheet steel Reflector: facet anodised aluminium Trim: sheet steel Surface finish Trim: white RAL 9003 (W03) Service lifetime 50,000 hours/L80 Ambient temperature From -20 °C to +35 °C	DE Montage Einbauleuchte Lichtquelle LED Optisches System Facettierter matter Reflector (FRM) Vorschaltgerät Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA) Material Körper: Stahlblech Reflektor: facettiertes, eloxiertes Aluminium Einfassung: Stahlblech Oberflächenveredelung Einfassung: weiss RAL 9003 (W03) Lebensdauer 50,000 Stunden/L80 Umgebungstemperatur Von -20 °C bis +35 °C	FR Montage Plafonnier encastrable Source lumineuse LED Système optique Réflecteur à l'aspect mat (FRM) Équipement électrique Ballast électronique FIX/DALI (ECG/EDA) Matériels Corps: tôle d'acier Réflecteur: aluminium à l'aspect anodisé Moulure: tôle d'acier Finition de surface Moulure: blanc RAL 9003 (W03) Durée de vie utile 50,000 heures/L80 Température ambiante De -20 °C à +35 °C	SK Montáž Vsadené Svetelný zdroj LED Optický systém Fazetový matný reflektor (FRM) Elektrická výbava Elektronický predradník FIX/DALI (ECG/EDA) Material Těleso: ocelový plech Reflektor: anodizovaný fazetový hliník Obruč: ocelový plech Povrchová úprava Obruč: biela RAL 9003 (W03) Servisná životnosť 50,000 hodín/L80 Teplota okolia Od -20 °C do +35 °C	ES Montaje Empotradas en el techo Fuente luminica LED Sistema óptico Reflector facetado mate (FRM) Cableado Equipo de control electrónico FIX/DALI (ECG/EDA) Material Cuerpo: lámina de acero Reflector: aluminio anodizado facetado Reborde: lámina de acero Tratamiento de la superficie Reborde: blanco RAL 9003 (W03) Vida útil 50,000 horas/L80 Temperatura ambiente Desde -20 °C a +35 °C	IT Installazione Ad incasso a soffitto Sorgente luminosa LED Sistema ottico Riflettore sfaccettato opaco (FRM) Cablaggio Ballast elettronico FIX/DALI (ECG/EDA) Materiali Corpo: lamina d'acciaio Riflettore: alluminio anodizzato sfaccettato Profilo: lamina d'acciaio Finitura Profilo: bianco RAL 9003 (W03) Durata di vita 50,000 ore/L80 Temperatura d'ambiente Da -20 °C a +35 °C	RU Установка Потолочная встроенная Источник света LED Оптическая система Рифленый матовый отражатель (FRM) Электрическое оснащение Электронный аппарат FIX/DALI (ECG/EDA) Материал Корпус: листовая сталь Отражатель: рифленый анодированный алюминий Накладка: листовая сталь Отделка поверхности Накладка: белый RAL 9003 (W03) Срок службы 50,000 часов/L80 Температура окружающей среды От -20 °C до +35 °C
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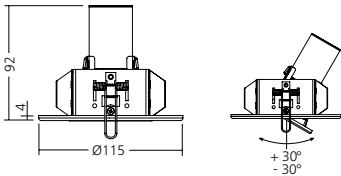
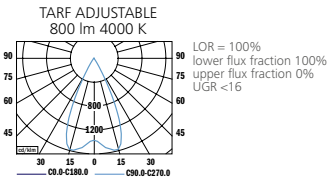
TARF ADJUSTABLE

FACET
LED

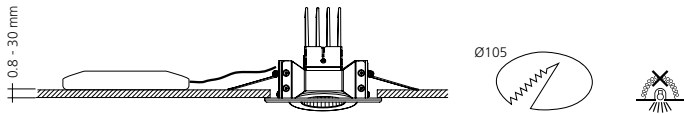
LED



PHOTOMETRY



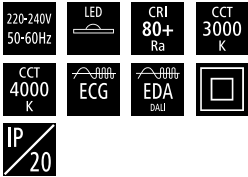
MOUNTING



TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE	WEIGHT (kg)
TARF ADJUSTABLE	800	11	73	80+	3000	50°	0.4
TARF ADJUSTABLE	900	11	82	80+	4000	50°	0.4

Luminous flux tolerance +/- 10%

Tarf Adjustable



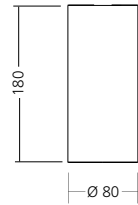
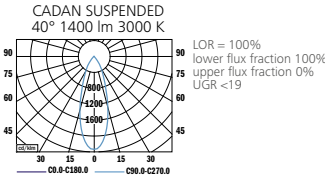
EN	DE	FR	SK	ES	IT	RU
Mounting Ceiling recessed Light source LED Optical system Facet matt reflector (FRM) Wiring Electronic control gear FIX/DALI (ECG/EDA) Materials Housing: sheet steel Reflector: facet anodised aluminium Trim: sheet steel Surface finish Trim: white RAL 9003 (W03) Service lifetime 50,000 hours/L80 Ambient temperature From -20 °C to +35 °C	Montage Einbauleuchte Lichtquelle LED Optisches System Facettierter matter Reflector (FRM) Vorschaltgerät Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA) Material Körper: Stahlblech Reflektor: facettiertes, eloxiertes Aluminium Einfassung: Stahlblech Oberflächenveredelung Einfassung: weiss RAL 9003 (W03) Lebensdauer 50,000 Stunden/L80 Umgebungstemperatur Von -20 °C bis +35 °C	Montage Plafonnier encastrable Source lumineuse LED Système optique Réflecteur à l'aspect mat (FRM) Équipement électrique Ballast électronique FIX/DALI (ECG/EDA) Matériels Corps: tôle d'acier Réflecteur: aluminium à l'aspect anodisé Moulure: tôle d'acier Finition de surface Moulure: blanc RAL 9003 (W03) Durée de vie utile 50,000 heures/L80 Température ambiante De -20 °C à +35 °C	Montáž Vsadené Svetelný zdroj LED Optický systém Fazetový matný reflektor (FRM) Elektrická výbava Elektronický predradník FIX/DALI (ECG/EDA) Material Těleso: ocelový plech Reflektor: anodizovaný fazetový hliník Obruč: ocelový plech Povrchová úprava Obruč: biela RAL 9003 (W03) Servisná životnosť 50,000 hodín/L80 Teplota okolia Od -20 °C do +35 °C	Montaje Empotradas en el techo Fuente luminica LED Sistema óptico Reflector facetado mate (FRM) Cableado Equipo de control electrónico FIX/DALI (ECG/EDA) Material Cuerpo: lámina de acero Reflector: aluminio anodizado facetado Reborde: lámina de acero Tratamiento de la superficie Reborde: blanco RAL 9003 (W03) Vida útil 50,000 horas/L80 Temperatura ambiente Desde -20 °C a +35 °C	Installazione Ad incasso a soffitto Sorgente luminosa LED Sistema ottico Riflettore sfaccettato opaco (FRM) Cablaggio Ballast elettronico FIX/DALI (ECG/EDA) Materiali Corpo: lamina d'acciaio Riflettore: alluminio anodizzato sfaccettato Profilo: lamina d'acciaio Finitura Profilo: bianco RAL 9003 (W03) Durata di vita 50,000 ore/L80 Temperatura d'ambiente Da -20 °C a +35 °C	Установка Потолочная встроенная Источник света LED Оптическая система Рифленый матовый отражатель (FRM) Электрическое оснащение Электронный аппарат FIX/DALI (ECG/EDA) Материал Корпус: листовая сталь Отражатель: рифленый анодированный алюминий Накладка: листовая сталь Отделка поверхности Накладка: белый RAL 9003 (W03) Срок службы 50,000 часов/L80 Температура окружающей среды От -20 °C до +35 °C

CADAN SUSPENDED

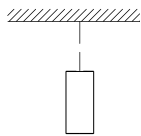
FACET
LED



PHOTOMETRY



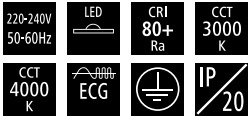
MOUNTING



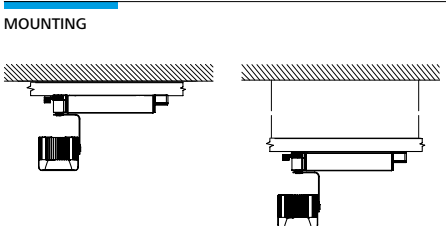
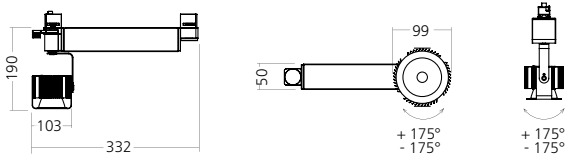
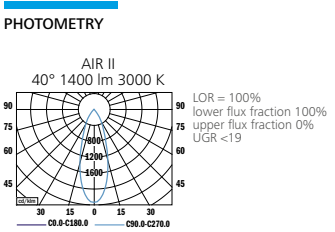
TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE	WEIGHT (kg)
CADAN SUSPENDED	1400	12	117	80+	3000	24°/40°	0.9
CADAN SUSPENDED	1450	12	121	80+	4000	24°/40°	0.9
CADAN SUSPENDED	2250	19	118	80+	3000	24°/40°	0.9
CADAN SUSPENDED	2300	19	121	80+	4000	24°/40°	0.9

Luminous flux tolerance +/- 10%

Cadan Suspended



EN Mounting Suspended (SSD) Light source LED Optical system Facet reflector (FRE) Wiring Electronic control gear FIX (ECG) Materials Housing: extruded aluminium Reflector: facet anodised aluminium Top cover: sheet steel Rope suspension Surface finish Housing: white RAL 9003 (W03) Service lifetime 50,000 hours/L80 Ambient temperature From -20 °C to +35 °C	DE Montage Hängend (SSD) Lichtquelle LED Optisches System Facettierter Reflektor (FRE) Vorschaltgerät Elektronisches Vorschaltgerät FIX (ECG) Material Körper: extrudiertes Aluminium Reflektor: facettiertes eloxiertes Aluminium Obere Abdeckung: Stahlblech Seilaufhängung Oberflächenveredelung Körper: Weiss RAL 9003 (W03) Lebensdauer 50,000 Stunden/L80 Umgebungstemperatur Von -20 °C bis +35 °C	FR Montage Plafonnier Suspendu (SSD) Source lumineuse LED Système optique Facetté réflecteur (FRE) Équipement électrique Ballast électronique FIX (ECG) Matériels Corps: aluminium extrudé Réflecteur: aluminium à l'aspect anodisé Couvercle supérieur: tôle d'acier Câble de suspension Finition de surface Corps: blanc RAL 9003 (W03) Durée de vie utile 50,000 heures/L80 Température ambiante De -20 °C à +35 °C	SK Montáž Závěsné (SSD) Svetelný zdroj LED Optický systém Fazetový reflektor (FRE) Elektrická výbava Elektronický predradník FIX (ECG) Material Teleso: extrudovaný hliník Reflektor: anodizovaný fazetový hliník Vrchný kryt: oceľový plech Lankový záves Povrchová úprava Teleso: biela RAL 9003 (W03) Servisná životnosť 50,000 hodín/L80 Teplota okolia Od -20 °C do +35 °C	ES Montaje Suspendidas (SSD) Fuente luminica LED Sistema óptico Reflector facetado (FRE) Cableado Equipo de control electrónico FIX (ECG) Material Cuerpo: aluminio extruido Reflector: aluminio anodizado facetado Cubierta superior: lámina de acero Cable de suspensión Tratamiento de la superficie Cuerpo: blanco RAL 9003 (W03) Vida útil 50,000 horas/L80 Temperatura ambiente Desde -20 °C a +35 °C	IT Installazione A sospensione (SSD) Sorgente luminosa LED Sistema ottico Riflettore sfaccettato (FRE) Cablaggio Ballast elettronico FIX (ECG) Materiali Corpo: estruso di alluminio Riflettore: alluminio anodizzato sfaccettato Copertura superiore: lamina d'acciaio Cavo di sospensione Finitura Corpo: bianco RAL 9003 (W03) Durata di vita 50,000 ore/L80 Temperatura d'ambiente Da -20 °C a +35 °C	RU Установка Подвесная (SSD) Источник света LED Оптическая система Рифленый отражатель (FRE) Электрическое оснащение Электронный аппарат FIX (ECG) Материал Корпус: экструдированный алюминий Отражатель: рифленый анодированный алюминий Верхний крышка: листовая сталь Тросовый подвес Отделка поверхности Корпус: белый RAL 9003 (W03) Срок службы 50,000 часов/L80 Температура окружающей среды От -20 °C до +35 °C
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TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE	WEIGHT (kg)
AIR II	1400	12	117	80+	3000	24°/40°	1.0
AIR II	1450	12	121	80+	4000	24°/40°	1.0
AIR II	2450	21	117	80+	3000	24°/40°	1.0
AIR II	2750	23	120	80+	4000	24°/40°	1.0
AIR II	3900	37	105	80+	4000	24°/40°	1.0
AIR II	4050	37	109	80+	4000	24°/40°	1.0

Luminous flux tolerance +/- 10%

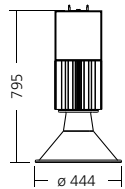
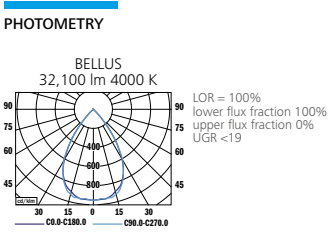
Air II

EN Mounting Suspended or ceiling surfaced lighting track system - suitable for ONETRACK (TRS) Light source LED Optical system Facet reflector (FRE) Wiring Electronic control gear FIX (ECG) Materials Housing: sheet steel + extruded aluminium Reflector: facet anodised aluminium Surface finish Housing: white RAL 9003 (W03) Accessories Various types of connections and suspension equipment (ONETRACK) Various coloured filters Service lifetime 50,000 hours/L80 Ambient temperature From -20 °C to +35 °C	DE Montage Hängende oder an der Decke angesetzte Stromschienenmontage - eignet sich für ONETRACK (TRS) Lichtquelle LED Optisches System Facettierter Reflektor (FRE) Vorschaltgerät Elektronisches Vorschaltgerät FIX (ECG) Material Körper: Stahlblech + extrudiertes Aluminium Reflektor: facettiertes eloxiertes Aluminium Oberflächenveredelung Körper: Weiss RAL 9003 (W03) Zubehör Verschiedene Verbindungs- und Aufhängevorrichtungen (ONETRACK) Verschiedene farbige Filter Lebensdauer 50,000 Stunden/L80 Umgebungstemperatur Von -20 °C bis +35 °C	FR Montage Système d'éclairage à rail installé suspendu ou apparent - adapté au rail ONETRACK (TRS) Source lumineuse LED Système optique Facetté réflecteur (FRE) Équipement électrique Ballast électronique FIX (ECG) Matériels Corps: tôle d'acier + aluminium extrudé Réflecteur: aluminium à l'aspect anodisé Finition de surface Corps: blanc RAL 9003 (W03) Accessoires Différents types de connexions et d'équipement de suspensions (ONETRACK) Divers filtres colorés Durée de vie utile 50,000 heures/L80 Température ambiante De -20 °C à +35 °C	SK Montáž Závěsný alebo prisadený koľajnícový systém - určené pre ONETRACK (TRS) Svetelný zdroj LED Optický systém Fazetový reflektor (FRE) Elektrická výbava Elektronický predradník FIX (ECG) Material Teleso: oceľový plech + extrudovaný hliník Reflektor: anodizovaný fazetový hliník Povrchová úprava Teleso: biela RAL 9003 (W03) Príslušenstvo Rôzne typy spojok a závesov (ONETRACK) Rôzne farebné filtre Servisná životnosť 50,000 hodín/L80 Teplota okolia Od -20 °C do +35 °C	ES Montaje Sistemariel lumínico suspendido o sobrepuesto - adecuado para ONETRACK (TRS) Fuente lumínica LED Sistema óptico Reflector facetado (FRE) Cableado Equipo de control electrónico FIX (ECG) Material Cuerpo: lámina de acero + aluminio extruido Reflector: aluminio anodizado facetado Tratamiento de la superficie Cuerpo: blanco RAL 9003 (W03) Accesorios Varios tipos de conexiones y equipos de suspensión (ONETRACK) Varios filtros coloreados Vida útil 50,000 horas/L80 Temperatura ambiente Desde -20 °C a +35 °C	IT Installazione Sistema di illuminazione a binari, a sospensione o a plafone - adatto per ONETRACK (TRS) Sorgente luminosa LED Sistema ottico Riflettore sfaccettato (FRE) Cablaggio Ballast elettronico FIX (ECG) Materiali Corpo: lamina d'acciaio + estruso di alluminio Riflettore: alluminio anodizzato sfaccettato Finitura Corpo: bianco RAL 9003 (W03) Accessori Diversi tipi connessioni e accessori per la sospensione (ONETRACK) Vari filtri colorati Durata di vita 50,000 ore/L80 Temperatura d'ambiente Da -20 °C a +35 °C	RU Установка Подвесная или накладная потолочная трековая система освещения - подходит для ONETRACK (TRS) Источник света LED Оптическая система Рифленый отражатель (FRE) Электрическое оснащение Электронный аппарат FIX (ECG) Материал Корпус: листовая сталь + экструдированный алюминий Отражатель: рифленый анодированный алюминий Отделка поверхности Корпус: белый RAL 9003 (W03) Аксессуары Разные типы соединений и подвесного оборудования (ONETRACK) различные цветные фильтры Срок службы 50,000 часов/L80 Температура окружающей среды От -20 °C до +35 °C
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Bellus

EN Mounting Suspended (SSD) Light source LED Optical system Polished reflector + transparent cover (PRT) Wiring Electronic control gear FIX/1-10V (ECG/E10) Materials Heatsink: extruded aluminium Reflector: polished anodised aluminium Installation plate: zinc coated sheet steel Cover: transparent hardened glass Chain suspension Service lifetime 50,000 hours/L80 Ambient temperature From -30 °C to +45 °C (255/265W) From -30 °C to +35 °C (330/340W)	DE Montage Hängend (SSD) Lichtquelle LED Optisches System Polierter Reflektor + durchsichtige Abdeckung (PRT) Vorschaltgerät Elektronisches Vorschaltgerät FIX/1-10V (ECG/E10) Material Kühlkörper: extrudiertes Aluminium Reflektor: poliertes eloxiertes Aluminium Installationsplatte: verzinktes Stahlblech Abdeckung: durchsichtiger gehärteter Glas Kettenaufhängung Lebensdauer 50,000 Stunden/L80 Umgebungstemperatur Von -30 °C bis +45 °C (255/265W) Von -30 °C bis +35 °C (330/340W)	FR Montage Plafonnier Suspendu (SSD) Source lumineuse LED Système optique Réflecteur poli + couvercle transparente (PRT) Équipement électrique Ballast électronique FIX/1-10V (ECG/E10) Matériels Dissipateur thermique: aluminium extrudé Réflecteur: aluminium anodisé poli Plaque d'installation: tôle d'acier zinguée Couvercle: verre trempé transparente Suspension de chaîne Durée de vie utile 50,000 heures/L80 Température ambiante De -30 °C à +45 °C (255/265W) De -30 °C à +35 °C (330/340W)	SK Montáž Závěsné (SSD) Svetelný zdroj LED Optický systém Leštěný reflektor + transparentný kryt (PRT) Elektrická výbava Elektronický predradník FIX/1-10V (ECG/E10) Material Chladič: extrudovaný hliník Reflektor: leštený anodizovaný hliník Inštalčná doska: pozinkovaný plech Kryt: transparentné tvrdené sklo Refazový záves Servisná životnosť 50,000 hodín/L80 Teplota okolia Od -30 °C do +45 °C (255/265W) Od -30 °C do +35 °C (330/340W)	ES Montaje Suspendidas (SSD) Fuente luminica LED Sistema óptico Reflector pulido + cubierta transparente (PRT) Cableado Equipo de control electrónico FIX/1-10V (ECG/E10) Material Disipador de calor: aluminio extruido Reflector: aluminio anodizado pulido Placa de instalación: lámina de acero galvanizada con zinc Cubierta: cristal endurecido transparente Cadena de suspensión Vida útil 50,000 horas/L80 Temperatura ambiente Desde -30 °C a +45 °C (255/265W) Desde -30 °C a +35 °C (330/340W)	IT Installazione A sospensione (SSD) Sorgente luminosa LED Sistema ottico Riflettore lucido + copertura trasparente (PRT) Cablaggio Ballast elettronico FIX/1-10V (ECG/E10) Materiali Dissipatore di calore: estruso di alluminio Riflettore: alluminio anodizzato lucido Piastra di supporto: lamina d'acciaio zincato Copertura: vetro temperato trasparente Catena di sospensione Durata di vita 50,000 ore/L80 Temperatura d'ambiente Da -30 °C a +45 °C (255/265W) Da -30 °C a +35 °C (330/340W)	RU Установка Подвесная (SSD) Источник света LED Оптическая система Шлифованный отражатель + чистая крышка (PRT) Электрическое оснащение Электронный аппарат FIX/1-10V (ECG/E10) Материал Теплоотвод: экструдированный алюминий Отражатель: шлифованный анодированный алюминий Монтажная пластина: оцинкованная листовая сталь Крышка: чистое закаленное стекло Цепной подвес Срок службы 50,000 часов/L80 Температура окружающей среды От -30 °C до +45 °C (255/265W) От -30 °C до +35 °C (330/340W)
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MOUNTING

TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE	WEIGHT (kg)
BELLUS ECG	21,900	265	83	80+	4000	67°	14.5
BELLUS E10	21,900	255	86	80+	4000	67°	14.5
BELLUS ECG	25,200	265	95	70+	4000	67°	14.5
BELLUS E10	25,200	255	99	70+	4000	67°	14.5
BELLUS ECG	27,900	340	82	80+	4000	67°	14.5
BELLUS E10	27,900	330	85	80+	4000	67°	14.5
BELLUS ECG	32,100	340	94	70+	4000	67°	14.5
BELLUS E10	32,100	330	97	70+	4000	67°	14.5

Luminous flux tolerance +/- 10%



LUMINAIRES WITH HIGH PROTECTION DEGREE



Grafias Suspended

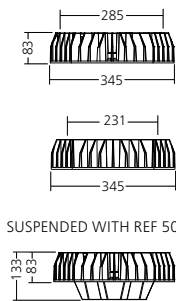
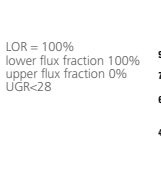
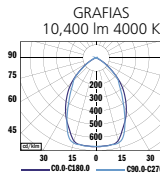
GRAFIAS SUSPENDED

POLISHED
LED

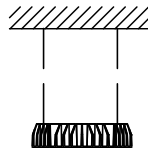


Grafias Suspended

PHOTOMETRY



MOUNTING



X2 SUSPENDED



X4 SUSPENDED



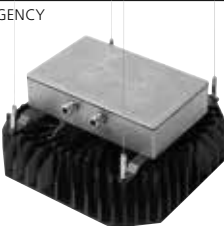
CHAIN SUSPENSION X2



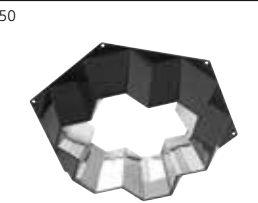
CHAIN SUSPENSION X4



EMERGENCY



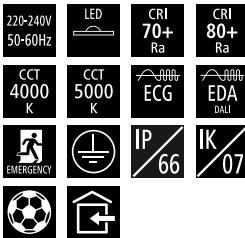
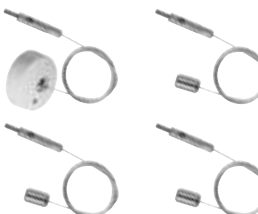
REF 50



TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE (C0-180, C90-270)	EMERGENCY UNIT 3H (lm)	WEIGHT (kg)
GRAFIAS SSD	10,400	94	111	80+	4000	70°, 76°	-	10.0
GRAFIAS SSD	11,900	94	127	70+	5000	70°, 76°	-	10.0
GRAFIAS SSD	16,000	142	113	80+	4000	70°, 76°	250	10.0
GRAFIAS SSD	17,200	142	121	70+	5000	70°, 76°	300	10.0

Luminous flux tolerance +/- 10%.

SUS 1.50 C0/045 SUSPENSION 45



EN

Mounting

Suspended (SSD)

Light source

LED

Optical system

Polished reflector (PRE)

Wiring

Electronic control gear FIX/DALI (ECG/EDA)

Emergency unit variant (3H)

Materials

Housing: die-cast aluminium

Reflector: evaporative coated PC

Cover: transparent hardened glass

Surface finish

Housing: black RAL 9005 (B05)

Accessories

Additional reflector with 50° beam angle

Rope suspension

Chain suspension system:

X1 - for 1 luminaire (Ballproof version)

X2 - for 2 luminaires, X4 - for 4 luminaires

Service lifetime

50,000 hours/L80 (94W), 50,000 hours/L70 (142W)

Ambient temperature

From -40 °C to +40 °C

(from 0°C with EM unit)

DE

Montage

Hängend (SSD)

Lichtquelle

LED

Optisches System

Polierter Reflektor (PRE)

Vorschaltgerät

Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)

Notbeleuchtung Variante (3H)

Material

Körper: Aluminiumdruckguss

Reflektor: PC- evaporative Beschichtung

Abdeckung: durchsichtig gehärteter Glas

Oberflächenveredelung

Körper: Schwarz RAL 9005 (B05)

Zubehör

Zusätzlicher Reflektor mit Ausstrahlungswinkel 50°

Seilaufhängung

Kettenaufhängungssystem:

X1 - für 1 Leuchte (Ballwurfsichere Version)

X2 - für 2 Leuchten, X4 - für 4 Leuchten

Lebensdauer

50,000 Stunden/L80 (94W), 50,000 Stunden/L70 (142W)

Umgebungstemperatur

Von -40 °C bis +40 °C

(von 0°C mit Notbeleuchtung)

FR

Montage

Plafonnier Suspendu (SSD)

Source lumineuse

LED

Système optique

Réflecteur poli (PRE)

Équipement électrique

Ballast électronique FIX/DALI (ECG/EDA)

Variante de l'unité de secours (3H)

Matériels

Corps: aluminium moulé sous pression

Réflecteur: PC-revêtement d'évaporation

Couvercle: verre trempé transparente

Finition de surface

Corps: noir RAL 9005 (B05)

Accessoires

Réflecteur supplémentaire avec 50° angle de faisceau

Câble de suspension

Système de chaîne suspension:

X1 - pour 1 luminaire (Résistance au impact de balle)

X2 - pour 2 luminaires, X4 - pour 4 luminaires

Durée de vie utile

50,000 heures/L80 (94W), 50,000 heures/L70 (142W)

Température ambiante

De -40 °C à +40 °C

(de 0°C avec l'unité de secours)

SK

Montáž

Závěsné (SSD)

Svetelný zdroj

LED

Optický systém

Leštěný reflektor (PRE)

Elektrická výbava

Elektronický předradník FIX/DALI (ECG/EDA)

Varianta s núdzovou jednotkou (3H)

Material

Teleso: hliníkový odliatok

Reflektor: PC-vákuovo pokovený

Kryt: transparentné tvrdené sklo

Povrchová úprava

Teleso: čierna RAL 9005 (B05)

Príslušenstvo

Prídavný reflektor s 50° uhlom vyžarovania

Lankový záves

Reťazový závesný systém:

X1 - pre 1 svietidlo (Odolnosť voči nárazu loptou)

X2 - pre 2 svietidlá, X4 - pre 4 svietidlá

Serisná životnosť

50,000 hodín/L80 (94W), 50,000 hodín/L70 (142W)

Teplota okolia

Od -40 °C do +40 °C

(od 0°C s núdzovou jednotkou)

ES

Montaje

Suspendidas (SSD)

Fuente luminica

LED

Sistema óptico

Reflector pulido (PRE)

Cableado

Equipo de control electrónico FIX/DALI (ECG/EDA)

Variante unidad de emergencia (3H)

Material

Cuerpo: aluminio moldeado

Reflector: PC-recubrimiento evaporativo

Cubierta: cristal endurecido transparente

Tratamiento de la superficie

Cuerpo: negro RAL 9005 (B05)

Accesorios

Reflector superior con 50° ángulo de rayo

Cable de suspensión

Sistema de cadena suspensión:

X1 - para 1 lum. (Versión resistente a impactos de pelota)

X2 - para 2 lum., X4 - para 4 lum.

Vida útil

50,000 horas/L80 (94W), 50,000 horas/L70 (142W)

Temperatura ambiente

Desde -40 °C a +40 °C

(desde 0°C con unidad de emergencia)

IT

Installazione

A sospensione (SSD)

Sorgente luminosa

LED

Sistema ottico

Riflettore lucido (PRE)

Cablaggio

Ballast elettronico FIX/DALI (ECG/EDA)

Variante unità di emergenza (3H)

Materiali

Corpo: pressofusione di alluminio

Riflettore: PC-rivestimento ad evaporazione

Copertura: vetro temperato trasparente

Finitura

Corpo: nero RAL 9005 (B05)

Accessori

Riflettore superiore con 50° angolo di emissione

Cavo di sospensione

Sistema di catena di sospensione:

X1 - per 1 app. (Versione a prova di palla)

X2 - per 2 apparecchi, X4 - per 4 apparecchi

Durata di vita

50,000 ore/L80 (94W), 50,000 ore/L70 (142W)

Temperatura d'ambiente

Da -40 °C a +40 °C

(da 0°C con unità di emergenza)

RU

Установка

Подвесная (SSD)

Источник света

LED

Оптическая система

Шлифованный отражатель (PRE)

Электрическое оснащение

Электронный аппарат FIX/DALI (ECG/EDA)

блок аварийного освещения (3H)

Материал

Корпус: литой алюминий

Отражатель: ПЦ-вакуумное напыление

Крышка: чистое закаленное стекло

Отделка поверхности

Корпус: черный RAL 9005 (B05)

Аксессуары

Дополнительный отражатель с углом 50° луча

Тросовый подвес

Система подвески:

X1 - для 1 светильник (Противоударная версия)

X2 - для 2 светильников, X4 - для 4 светильников

Срок службы

50,000 часов/L80 (94W), 50,000 часов/L70 (142W)

Температура окружающей среды

От -40 °C до +40 °C

(от 0°C с аварийного освещения)



GRAFIAS SURFACED

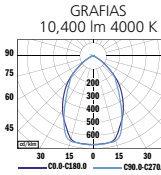
POLISHED
LED

LED

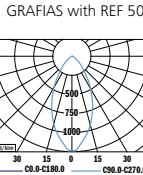


Grafias Surfaced

PHOTOMETRY



LOR = 100%
lower flux fraction 100%
upper flux fraction 0%
UGR<28



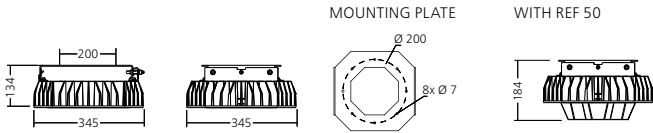
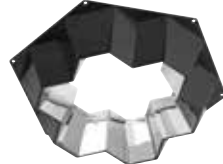
LOR = 94%
lower flux fraction 100%
upper flux fraction 0%
UGR<22



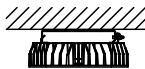
SURFACED WITH REF 50



REF 50



MOUNTING



TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE (C0-180, C90-270)	WEIGHT (kg)
GRAFIAS SSD	10,400	94	111	80+	4000	70°, 76°	10.0
GRAFIAS SSD	11,900	94	127	70+	5000	70°, 76°	10.0
GRAFIAS SSD	16,000	142	113	80+	4000	70°, 76°	10.0
GRAFIAS SSD	17,200	142	121	70+	5000	70°, 76°	10.0

Luminous flux tolerance +/- 10%.

EN

Mounting
Ceiling surfaced (SFD)
Light source
LED
Optical system
Polished reflector (PRE)
Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Materials
Housing: die-cast aluminium
Reflector: evaporative coated PC
Cover: transparent hardened glass
Surface finish
Housing: black RAL 9005 (B05)
Accessories
Additional reflector with 50° beam angle
Service lifetime
50,000 hours/L80 (94W), 50,000 hours/L70 (142W)
Ambient temperature
From -40 °C to +40 °C

DE

Montage
Deckenleuchte (SFD)
Lichtquelle
LED
Optisches System
Polierter Reflektor (PRE)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Material
Körper: Aluminiumdruckguss
Reflektor: PC- evaporative Beschichtung
Abdeckung: durchsichtig gehärteter Glas
Oberflächenveredelung
Körper: Schwarz RAL 9005 (B05)
Zubehör
Zusätzlicher Reflektor mit Ausstrahlungswinkel 50°
Lebensdauer
50,000 Stunden/L80 (94W), 50,000 Stunden/L70 (142W)
Umgebungstemperatur
Von -40 °C bis +40 °C

FR

Montage
Plafonnier apparent (SFD)
Source lumineuse
LED
Système optique
Réflecteur poli (PRE)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Matériels
Corps: aluminium moulé sous pression
Réflecteur: PC- revêtement d'évaporation
Couvercle: verre trempé transparent
Finition de surface
Corps: noir RAL 9005 (B05)
Accessoires
Réflecteur supplémentaire avec 50° angle de faisceau
Durée de vie utile
50,000 heures/L80 (94W), 50,000 heures/L70 (142W)
Température ambiante
De -40 °C à +40 °C

SK

Montáž
Prisadené (SFD)
Svetelný zdroj
LED
Optický systém
Leštený reflektor (PRE)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Material
Těleso: hliníkový odlitok
Reflektor: PC-vákuovo pokovený
Kryt: transparentně tvrzené sklo
Povrchová úprava
Těleso: černá RAL 9005 (B05)
Príslušenstvo
Pridavný reflektor s 50° uhlom vyžarovania
Servisná životnosť
50,000 hodin/L80 (94W), 50,000 hodin/L70 (142W)
Teplota okolia
Od -40 °C do +40 °C

ES

Montaje
Sobrepuestas en el techo (SFD)
Fuente luminica
LED
Sistema óptico
Reflector pulido (PRE)
Cableado
Equipo de control electrónico FIX/DALI (ECG/EDA)
Material
Cuerpo: aluminio moldeado
Reflector: PC-recubrimiento evaporativo
Cubierta: cristal endurecido transparente
Tratamiento de la superficie
Cuerpo: negro RAL 9005 (B05)
Accesorios
Reflector superior con 50° ángulo de rayo
Vida útil
50,000 horas/L80 (94W), 50,000 horas/L70 (142W)
Temperatura ambiente
Desde -40 °C a +40 °C

IT

Installazione
A plafone (SFD)
Sorgente luminosa
LED
Sistema ottico
Riflettore lucido (PRE)
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Materiali
Corpo: pressofusione di alluminio
Riflettore: PC-rivestimento ad evaporazione
Copertura: vetro temperato trasparente
Finitura
Corpo: nero RAL 9005 (B05)
Accessori
Riflettore superiore con 50° angolo di emissione
Durata di vita
50,000 ore/L80 (94W), 50,000 ore/L70 (142W)
Temperatura d'ambiente
Da -40 °C a +40 °C

RU

Установка
Потолочная накладная (SFD)
Источник света
LED
Оптическая система
шлифованный отражатель (PRE)
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Материал
Корпус: литой алюминий
Отражатель: ПЦ-вакуумное напыление
Крышка: чистое закаленное стекло
Отделка поверхности
Корпус: черный RAL 9005 (B05)
Аксессуары
Дополнительный отражатель с углом 50° луча
Срок службы
50,000 часов/L80 (94W), 50,000 часов/L70 (142W)
Температура окружающей среды
От -40 °C до +40 °C



Grafias Recessed

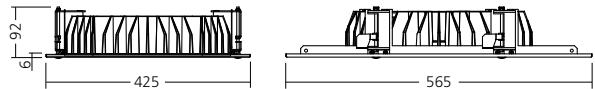
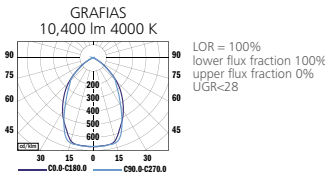
GRAFIAS RECESSED

POLISHED
LED

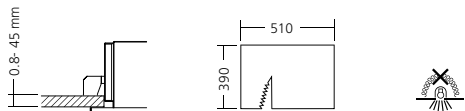
LED



PHOTOMETRY



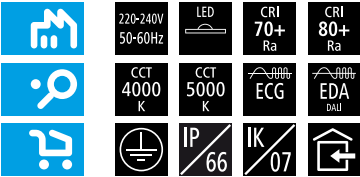
MOUNTING



TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE (C0-180, C90-270)	WEIGHT (kg)
GRAFIAS SSD	10,400	94	111	80+	4000	70°, 76°	10.0
GRAFIAS SSD	11,900	94	127	70+	5000	70°, 76°	10.0
GRAFIAS SSD	16,000	142	113	80+	4000	70°, 76°	10.0
GRAFIAS SSD	17,200	142	121	70+	5000	70°, 76°	10.0

Luminous flux tolerance +/- 10%.

Grafias Recessed



EN

Mounting
Ceiling recessed (RCB)
Light source
LED
Optical system
Polished reflector (PRE)
Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Materials
Housing: die-cast aluminium
Reflector: evaporative coated PC
Cover: transparent hardened glass
Mounting plate: sheet steel
Surface finish
Mounting plate: white RAL 9003 (W03)
Accessories
Safety wires
Service lifetime
50,000 hours/L80 (94W), 50,000 hours/L70 (142W)
Ambient temperature
From -40 °C to +40 °C

DE

Montage
Einbauleuchte (RCB)
Lichtquelle
LED
Optisches System
Polierter Reflektor (PRE)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Material
Körper: Aluminiumdruckguss
Reflektor: PC- evaporative Beschichtung
Abdeckung: durchsichtig gehärteter Glas
Montageplatte: Stahlblech
Oberflächenveredelung
Montageplatte: weiss RAL 9003 (W03)
Zubehör
Sicherungsseile
Lebensdauer
50,000 Stunden/L80 (94W), 50,000 Stunden/L70 (142W)
Umgebungstemperatur
Von -40 °C bis +40 °C

FR

Montage
Plafonnier encastrable (RCB)
Source lumineuse
LED
Système optique
Réflecteur poli (PRE)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Matériels
Corps: aluminium moulé sous pression
Réflecteur: PC- revêtement d'évaporation
Couvercle: verre trempé transparente
Plaque de montage: tôle d'acier
Finition de surface
Plaque de montage: blanc RAL 9003 (W03)
Accessoires
Des fils de sécurité
Durée de vie utile
50,000 heures/L80 (94W), 50,000 heures/L70 (142W)
Température ambiante
De -40 °C à +40 °C

SK

Montáž
Vsadené (RCB)
Svetelný zdroj
LED
Optický systém
Leštený reflektor (PRE)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Material
Teleso: hliníkový odlitok
Reflektor: PC-vákuovo pokovený
Kryt: transparentné tvrdené sklo
Montážna platňa: oceľový plech
Povrchová úprava
Montážna platňa: biela RAL 9003 (W03)
Príslušenstvo
Poistné lanká
Servisná životnosť
50,000 hodin/L80 (94W), 50,000 hodin/L70 (142W)
Teplota okolia
Od -40 °C do +40 °C

ES

Montaje
Empotradas en el techo (RCB)
Fuente luminica
LED
Sistema óptico
Reflector pulido (PRE)
Cableado
Equipo de control electrónico FIX/DALI (ECG/EDA)
Material
Cuerpo: aluminio moldeado
Reflector: PC-recubrimiento evaporativo
Cubierta: cristal endurecido transparente
Placa de montaje: lámina de acero
Tratamiento de la superficie
Placa de montaje: blanco RAL 9003 (W03)
Accesorios
Cables de seguridad
Vida útil
50,000 horas/L80 (94W), 50,000 horas/L70 (142W)
Temperatura ambiente
Desde -40 °C a +40 °C

IT

Installazione
Ad incasso a soffitto (RCB)
Sorgente luminosa
LED
Sistema ottico
Riflettore lucido (PRE)
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Materiali
Corpo: pressofusione di alluminio
Riflettore: PC-rivestimento ad evaporazione
Copertura: vetro temperato trasparente
Piastra di installazione: lamina d'acciaio
Finitura
Piastra di installazione: bianco RAL 9003 (W03)
Accessori
Cavo di sicurezza
Durata di vita
50,000 ore/L80 (94W), 50,000 ore/L70 (142W)
Temperatura d'ambiente
Da -40 °C a +40 °C

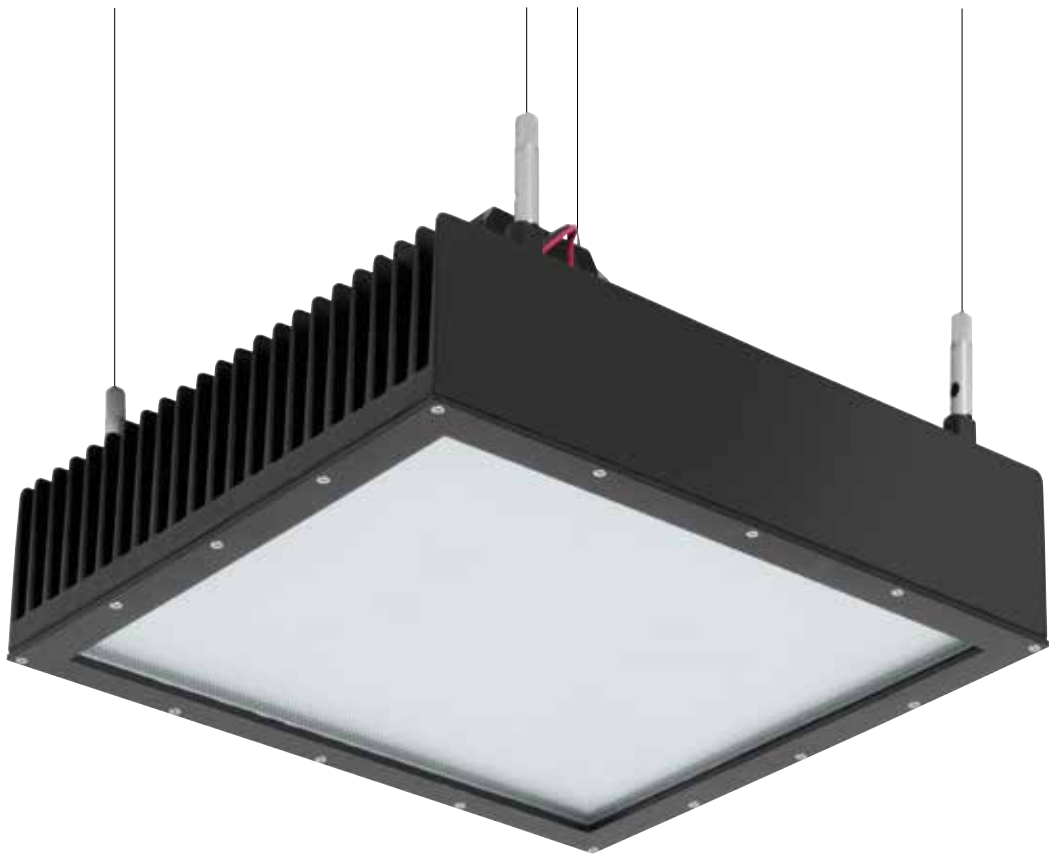
RU

Установка
Потолочная встроенная (RCB)
Источник света
LED
Оптическая система
шлифованный отражатель (PRE)
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Материал
Корпус: литой алюминий
Отражатель: ПЦ-вакуумное напыление
Крышка: чистое закаленное стекло
Монтажная пластина: листовая сталь
Отделка поверхности
Монтажная пластина: белый RAL 9003 (W03)
Аксессуары
Контрольная проволока
Срок службы
50,000 часов/L80 (94W), 50,000 часов/L70 (142W)
Температура окружающей среды
От -40 °C до +40 °C

MYAR SUSPENDED

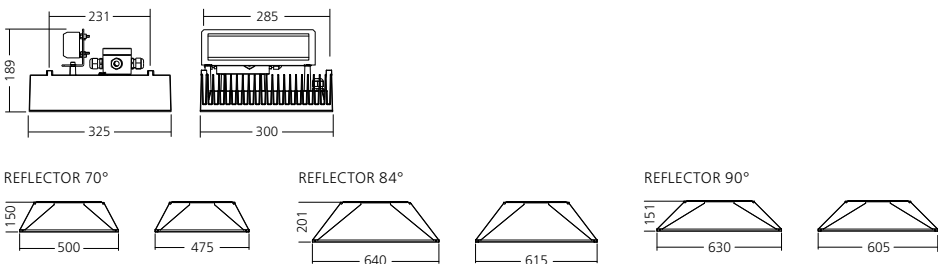
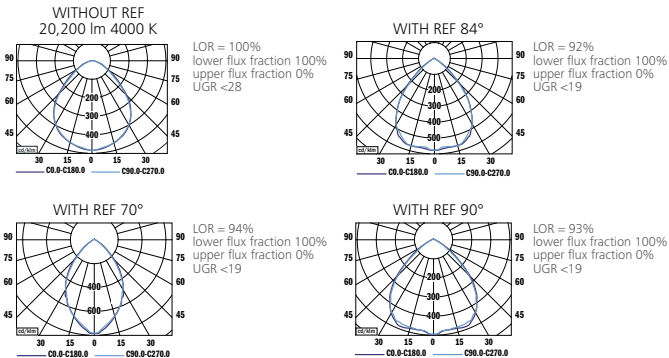
PRISMA
LED

LED

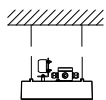


Myar Suspended

PHOTOMETRY



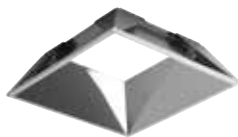
MOUNTING



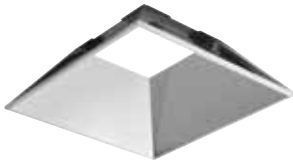
TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE	WEIGHT (kg)
MYAR SSD	11,650	93	125	80+	3000	92°	9.5
MYAR SSD	12,000	93	129	80+	4000	92°	9.5
MYAR SSD	11,500	93	124	80+	5000	92°	9.5
MYAR SSD	13,750	108	127	80+	3000	92°	9.5
MYAR SSD	14,150	108	131	80+	4000	92°	9.5
MYAR SSD	13,750	108	127	80+	5000	92°	9.5
MYAR SSD	19,800	161	123	80+	3000	92°	9.8
MYAR SSD	20,200	161	125	80+	4000	92°	9.8
MYAR SSD	20,950	161	130	80+	5000	92°	9.8

Luminous flux tolerance +/- 10%.

REFLECTOR 70°



REFLECTOR 84°



REFLECTOR 90°



220-240V 50-60Hz	LED	CRI 80+ Ra	CCT 3000 K
CCT 4000 K	CCT 5000 K	ECG	EDA
IP 65	IK 07		

EN

Mounting
Suspended (SSD)
Light source
LED
Optical system
Prismatic diffuser (PRD)
Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Materials
Housing: die-cast aluminium + sheet steel
Diffuser: PMMA + glass
Rope suspension
Surface finish
Housing: black RAL 9005 (B05)
Accessories
Protective foil available for food industry applications according to IFS (International Food Standard)
Reflector (beam angle 70°/84°/90°)
Service lifetime
50,000 hours/L80
Ambient temperature
From -40 °C to +45 °C (93/108W)
From -40 °C to +40 °C (161W)

DE

Montage
Hängend (SSD)
Lichtquelle
LED
Optisches System
Prismatischer Diffusor (PRD)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Material
Körper: Aluminiumdruckguss + Stahlblech
Diffusor: PMMA + Glas
Seilaufhängung
Oberflächenveredelung
Körper: schwarz RAL 9005 (B05)
Zubehör
Schutzfolie gemäß IFS (International Food Standard) für Anwendungen in der Nahrungsmittelindustrie erhältlich
Reflektor (Lichtstrahlwinkel 70°/84°/90°)
Lebensdauer
50,000 Stunden/L80
Umgebungstemperatur
Von -40 °C bis +45 °C (93/108W)
Von -40 °C bis +40 °C (161W)

FR

Montage
Plafonnier-Suspendu (SSD)
Source lumineuse
LED
Système optique
Diffuseur prisme (PRD)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Matériels
Corps: aluminium moulé sous pression + tôle d'acier
Diffusor: PMMA + verre
Câble de suspension
Finition de surface
Corps: noir RAL 9005 (B05)
Accessoires
Feuille protectrice disponible pour l'industrie alimentaire selon la norme IFS (International Food Standard)
Réflecteur (angle de faisceau 70°/84°/90°)
Durée de vie utile
50,000 heures/L80
Température ambiante
De -40 °C à +45 °C (93/108W)
De -40 °C à +40 °C (161W)

SK

Montáž
Zavesné (SSD)
Svetelný zdroj
LED
Optický systém
Prizmatický difúzor (PRD)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Material
Těleso: hliníkový odlitek + ocelový plech
Difúzor: PMMA + sklo
Lankový záves
Povrchová úprava
Těleso: černá RAL 9005 (B05)
Príslušenstvo
Lamina ochranná určená pre potravinový priemysel v súlade s IFS (International Food Standard)
Reflektor (uhol vyžarovania 70°/84°/90°)
Servisná životnosť
50,000 hodín/L80
Teplota okolia
Od -40 °C do +45 °C (93/108W)
Od -40 °C do +40 °C (161W)

ES

Montaje
Suspendidas (SSD)
Fuente luminica
LED
Sistema óptico
Difusor prismático (PRD)
Cableado
Equipo de control electrónico FIX/DALI (ECG/EDA)
Material
Téleso: aluminio moldeado + lámina de acero
Difusor: PMMA + cristal
Cable de suspensión
Tratamiento de la superficie
Cuerpo: negro RAL 9005 (B05)
Accesorios
Lámina protectora disponible para aplicaciones alimentarias según IFS (Estándar Alimentario Internacional)
Refletores (ángulo de haz 70°/84°/90°)
Vida útil
50,000 horas/L80
Temperatura ambiente
Desde -40 °C a +45 °C (93/108W)
Desde -40 °C a +40 °C (161W)

IT

Installazione
A sospensione (SSD)
Sorgente luminosa
LED
Sistema ottico
Diffusore prismatico (PRD)
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Materiali
Corpo: pressofusione di alluminio + lamina d'acciaio
Diffusore: PMMA + vetro
Cavo di sospensione
Finitura
Corpo: nero RAL 9005 (B05)
Accessori
Pellicola protettiva disponibile per applicazioni nell'industria alimentare secondo le IFS (International Food Standard)
Riflettori (angolo a fascio 70°/84°/90°)
Durata di vita
50,000 ore/L80
Temperatura d'ambiente
Da -40 °C a +45 °C (93/108W)
Da -40 °C a +40 °C (161W)

RU

Установка
Подвесная (SSD)
Источник света
LED
Оптическая система
Призматического рассеиватель (PRD)
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Материал
Корпус: литой алюминий + листовая сталь
Рассеиватель: полиметилметакрилат + стекло
Тросовый подвес
Отделка поверхности
Корпус: черный RAL 9005 (B05)
Аксессуары
Защитная фольга для применения в пищевой промышленности в соответствии с Международным пищевым стандартом (IFS)
Отражатель (угол луча 70°/84°/90°)
Срок службы
50,000 часов/L80
Температура окружающей среды
От -40 °C до +45 °C (93/108W)
От -40 °C до +40 °C (161W)

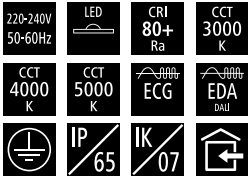
MYAR SURFACED

PRISMA
LED

LED



Myar Surfaced



EN

Mounting
Ceiling surfaced (SFD)
Light source
LED
Optical system
Prismatic diffuser (PRD)
Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Materials
Housing: die-cast aluminium + sheet steel
Diffuser: PMMA + glass
Surface finish
Housing: black RAL 9005 (B05)
Accessories
Protective foil available for food industry applications according to IFS (International Food Standard)
Reflector (beam angle 70°/84°/90°)
Service lifetime
50,000 hours/L80
Ambient temperature
From -40 °C to +40 °C

DE

Montage
Deckenleuchte (SFD)
Lichtquelle
LED
Optisches System
Prismatischer Diffusor (PRD)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Material
Körper: Aluminiumdruckguss + Stahlblech
Diffusor: PMMA + Glas
Oberflächenveredelung
Körper: schwarz RAL 9005 (B05)
Zubehör
Schutzfolie gemäß IFS (International Food Standard) für Anwendungen in der Nahrungsmittelindustrie erhältlich
Reflektor (Lichtstrahlwinkel 70°/84°/90°)
Lebensdauer
50,000 Stunden/L80
Umgebungstemperatur
Von -40 °C bis +40 °C

FR

Montage
Plafonnier apparent (SFD)
Source lumineuse
LED
Système optique
Diffuseur prisme (PRD)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Matériels
Corps: aluminium moulé sous pression + tôle d'acier
Diffuseur: PMMA + verre
Finition de surface
Corps: noir RAL 9005 (B05)
Accessoires
Feuille protectrice disponible pour l'industrie alimentaire selon la norme IFS (International Food Standard)
Réflecteur (angle de faisceau 70°/84°/90°)
Durée de vie utile
50,000 heures/L80
Température ambiante
De -40 °C à +40 °C

SK

Montáž
Prisadené (SFD)
Svetelný zdroj
LED
Optický systém
Prizmatický difúzor (PRD)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Material
Teleso: hliníkový odliatok + oceľový plech
Difúzor: PMMA + sklo
Povrchová úprava
Teleso: čierna RAL 9005 (B05)
Príslušenstvo
Ochranná fólia určená pre potravinový priemysel v súlade s IFS (International Food Standard)
Reflektor (uhol vyžarovania 70°/84°/90°)
Servisná životnosť
50,000 hodín/L80
Teplota okolia
Od -40 °C do +40 °C

ES

Montaje
Sobrepuestas en el techo (SFD)
Fuente luminica
LED
Sistema óptico
Difusor prismático (PRD)
Cableado
Equipo de control electrónico FIX/DALI (ECG/EDA)
Material
Cuerpo: aluminio moldeado + lámina de acero
Difusor: PMMA + cristal
Tratamiento de la superficie
Cuerpo: negro RAL 9005 (B05)
Accesorios
Lámina protectora disponible para aplicaciones alimentarias según IFS (Estándar Alimentario Internacional)
Reflectores (ángulo de haz 70°/84°/90°)
Vida útil
50,000 horas/L80
Temperatura ambiente
Desde -40 °C a +40 °C

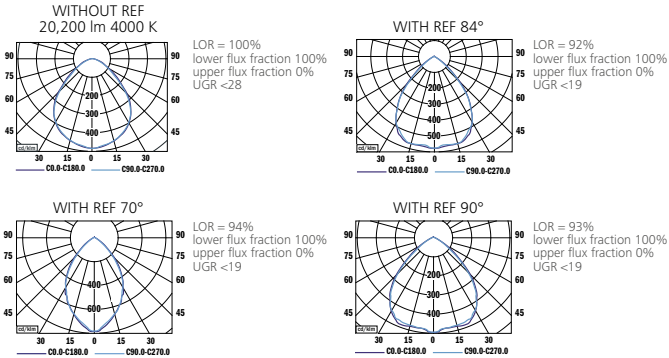
IT

Installazione
A plafone (SFD)
Sorgente luminosa
LED
Sistema ottico
Diffusore prismatico (PRD)
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Materiali
Corpo: pressofusione di alluminio + lamina d'acciaio
Diffusore: PMMA + vetro
Finitura
Corpo: nero RAL 9005 (B05)
Accessori
Pellicola protettiva disponibile per applicazioni nell'industria alimentare secondo le IFS (International Food Standard)
Riflettori (angolo a fascio 70°/84°/90°)
Durata di vita
50,000 ore/L80
Temperatura d'ambiente
Da -40 °C a +40 °C

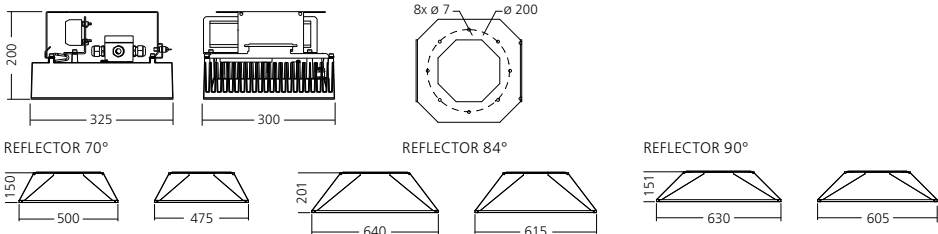
RU

Установка
Потолочная накладная (SFD)
Источник света
LED
Оптическая система
Призматического рассеиватель (PRD)
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Материал
Корпус: литой алюминий + листовая сталь
Рассеиватель: полиметилметакрилат + стекло
Отделка поверхности
Корпус: черный RAL 9005 (B05)
Аксессуары
Защитная фольга для применения в пищевой промышленности в соответствии с Международным пищевым стандартом (IFS)
Отражатель (угол луча 70°/84°/90°)
Срок службы
50,000 часов/L80
Температура окружающей среды
От -40 °C до +40 °C

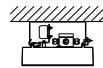
PHOTOMETRY



MOUNTING PLATE



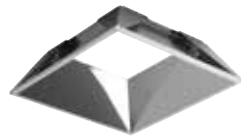
MOUNTING



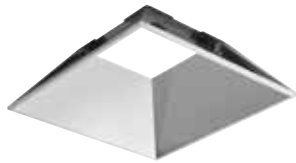
TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE	WEIGHT (kg)
MYAR SFD	11,650	93	125	80+	3000	92°	10.0
MYAR SFD	12,000	93	129	80+	4000	92°	10.0
MYAR SFD	11,500	93	124	80+	5000	92°	10.0
MYAR SFD	13,750	108	127	80+	3000	92°	10.0
MYAR SFD	14,150	108	131	80+	4000	92°	10.0
MYAR SFD	13,750	108	127	80+	5000	92°	10.0
MYAR SFD	19,800	161	123	80+	3000	92°	10.3
MYAR SFD	20,200	161	125	80+	4000	92°	10.3
MYAR SFD	20,950	161	130	80+	5000	92°	10.3

Luminous flux tolerance +/- 10%.

REFLECTOR 70°



REFLECTOR 84°



REFLECTOR 90°



LUMINAIRES WITH HIGH PROTECTION DEGREE

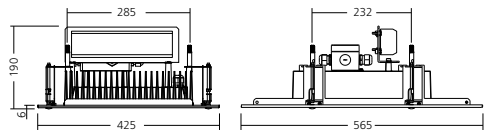
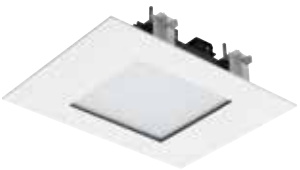
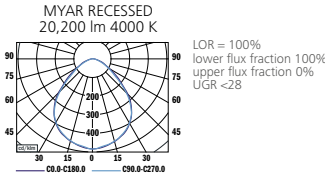
MYAR RECESSED

PRISMA
LED

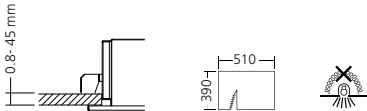
LED



PHOTOMETRY



MOUNTING



TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE	WEIGHT (kg)
MYAR RCS	11,650	93	125	80+	3000	92°	13.1
MYAR RCS	12,000	93	129	80+	4000	92°	13.1
MYAR RCS	11,500	93	124	80+	5000	92°	13.1
MYAR RCS	13,750	108	127	80+	3000	92°	13.1
MYAR RCS	14,150	108	131	80+	4000	92°	13.1
MYAR RCS	13,750	108	127	80+	5000	92°	13.1
MYAR RCS	19,800	161	123	80+	3000	92°	13.5
MYAR RCS	20,200	161	125	80+	4000	92°	13.5
MYAR RCS	20,950	161	130	80+	5000	92°	13.5

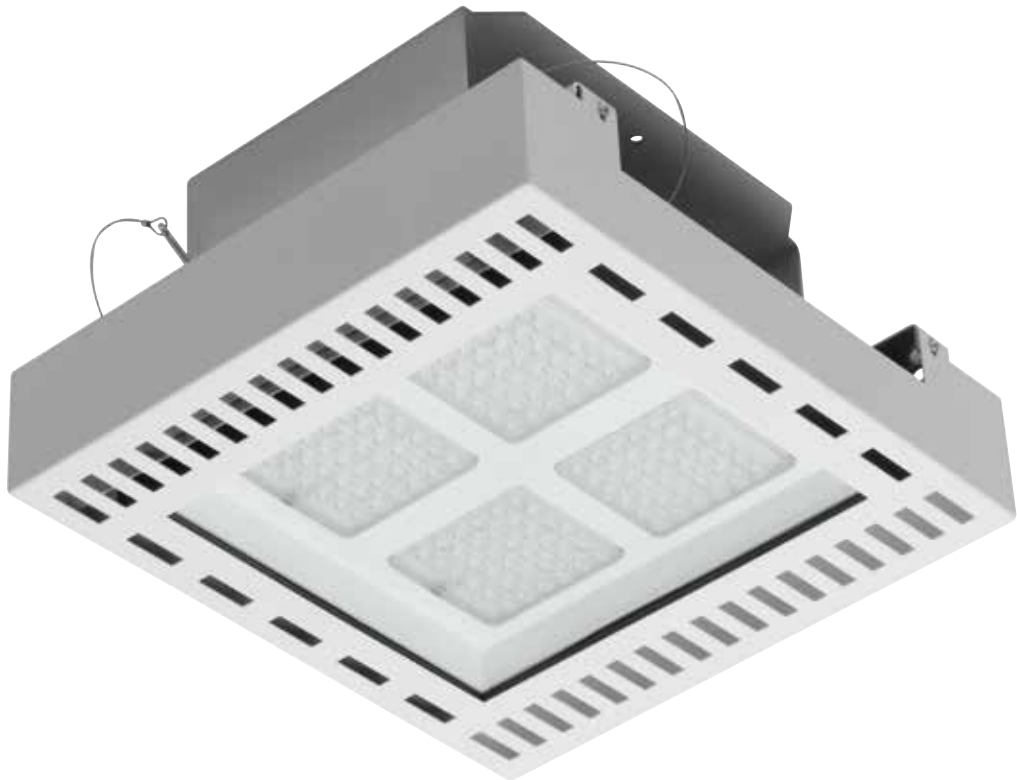
Luminous flux tolerance +/- 10%.

Myar Recessed



220-240V 50-60Hz	LED	CRI 80+ Ra	CCT 3000 K
CCT 4000 K	CCT 5000 K	ECG	EDA
IP 65	IK 07		

EN Mounting Ceiling recessed (RCB) Light source LED Optical system Prismatic diffuser (PRD) Wiring Electronic control gear FIX/DALI (ECG/EDA) Materials Housing: die-cast aluminium + sheet steel Diffuser: PMMA + glass Mounting plate: sheet steel Surface finish Frame: White RAL 9003 (W03) Housing: black RAL 9005 (B05) Accessories Protective foil available for food industry applications according to IFS (International Food Standard) Service lifetime 50,000 hours/L80 Ambient temperature From -40 °C to +35 °C	DE Montage Einbauleuchte (RCB) Lichtquelle LED Optisches System Prismatischer Diffusor (PRD) Vorschaltgerät Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA) Material Körper: Aluminiumdruckguss + Stahlblech Diffusor: PMMA + Glas Montageplatte: Stahlblech Oberflächenveredelung Rahmen: Weiss RAL 9003 (W03) Körper: Schwarz RAL 9005 (B05) Zubehör Schutzfolie gemäss IFS (International Food Standard) für Anwendungen in der Nahrungsmittelindustrie erhältlich Lebensdauer 50,000 Stunden/L80 Umgebungstemperatur Von -40 °C bis +35 °C	FR Montage Plafonnier encastrable (RCB) Source lumineuse LED Système optique Diffuseur prisme (PRD) Équipement électrique Ballast électronique FIX/DALI (ECG/EDA) Matériels Corps: aluminium moulé sous pression + tôle d'acier Diffuseur: PMMA + verre Plaque de montage: tôle d'acier Finition de surface Cadre: Blanc RAL 9003 (W03) Téleso: noir RAL 9005 (B05) Accessoires Feuille protectrice disponible pour l'industrie alimentaire selon la norme IFS (International Food Standard) Durée de vie utile 50,000 heures/L80 Température ambiante De -40 °C à +35 °C	SK Montáž Vsadené (RCB) Svetelný zdroj LED Optický systém Prizmatický difúzor (PRD) Elektrická výbava Elektronický predradník FIX/DALI (ECG/EDA) Material Teleso: hliníkový odlitok + oceľový plech Difúzor: PMMA + sklo Montážna platňa: oceľový plech Povrchová úprava Rám: Biela RAL 9003 (W03) Teleso: čierna RAL 9005 (B05) Príslušenstvo Ochranná fólia určená pre potravinový priemysel v súlade s IFS (International Food Standard) Servisná životnosť 50,000 hodín/L80 Teplota okolia Od -40 °C do +35 °C	ES Montaje Empotradas en el techo (RCB) Fuente luminica LED Sistema óptico Difusor prismático (PRD) Cableado Equipo de control electrónico FIX/DALI (ECG/EDA) Material Cuerpo: aluminio moldeado + lámina de acero Difusor: PMMA + cristal Placa de montaje: lámina de acero Tratamiento de la superficie Marco: Biela RAL 9003 (W03) Cuerpo: negro RAL 9005 (B05) Accesorios Lámina protectora disponible para aplicaciones alimentarias según IFS (Estándar Alimentario Internacional) Vida útil 50,000 horas/L80 Temperatura ambiente Desde -40 °C a +35 °C	IT Installazione Ad incasso a soffitto (RCB) Sorgente luminosa LED Sistema ottico Diffusore prismatico (PRD) Cablaggio Ballast elettronico FIX/DALI (ECG/EDA) Materiali Corpo: pressofusione di alluminio + lamina d'acciaio Diffusore: PMMA + vetro Piastra di installazione: lamina d'acciaio Finitura Cornice: Bianco RAL 9003 (W03) Corpo: nero RAL 9005 (B05) Accessori Pellicola protettiva disponibile per applicazioni nell'industria alimentare secondo le IFS (International Food Standard) Durata di vita 50,000 ore/L80 Temperatura d'ambiente Da -40 °C a +35 °C	RU Установка Потолочная встроенная (RCB) Источник света LED Оптическая система Призматического рассеиватель (PRD) Электрическое оснащение Электронный пускорегулирующий аппарат FIX/DALI (ECG/EDA) Материал Корпус: литой алюминий + листовая сталь Рассеиватель: полиметилметакрилат + стекло Монтажная пластина: листовая сталь Отделка поверхности Каркас: белый RAL 9003 (W03) Корпу: черный RAL 9005 (B05) Аксессуары Защитная фольга для применения в пищевой промышленности в соответствии с Международным пищевым стандартом (IFS) Срок службы 50,000 часов/L80 Температура окружающей среды От -40 °C до +35 °C
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Ivar Surfaced

EN Mounting Surfaced (SFD) Light source LED Optical system Lenses (LNS) Wiring Electronic control gear FIX/DALI (ECG/EDA) Materials Housing: die-cast aluminium + sheet steel Lenses: PMMA Cover: transparent hardened glass Surface finish Housing: white RAL 9003 (W03) Service lifetime 50,000 hodin/L80 (201/205W) 60,000 hodin/L80 (139/145W) 60,000 hodin/L70 (263/275W) Ambient temperature From -40 °C to +40 °C	DE Montage Deckenleuchte (SFD) Lichtquelle LED Optisches System Linsen (LNS) Vorschaltgerät Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA) Material Körper: Aluminiumdruckguss + Stahlblech Linsen: PMMA Abdeckung: durchsichtig gehärteter Glas Oberflächenveredelung Körper: weiss RAL 9003 (W03) Lebensdauer 50,000 hodin/L80 (201/205W) 60,000 hodin/L80 (139/145W) 60,000 hodin/L70 (263/275W) Umgebungstemperatur Von -40 °C bis +40 °C	FR Montage Plafonnier apparent (SFD) Source lumineuse LED Système optique Lentilles (LNS) Équipement électrique Ballast électronique FIX/DALI (ECG/EDA) Matériels Corps: aluminium moulé sous pression + tôle d'acier Lentilles: PMMA Couvercle: verre trempé transparente Finition de surface Corps: blanc RAL 9003 (W03) Durée de vie utile 50,000 hodin/L80 (201/205W) 60,000 hodin/L80 (139/145W) 60,000 hodin/L70 (263/275W) Température ambiante De -40 °C à +40 °C	SK Montáž Prisadené (SFD) Svetelný zdroj LED Optický systém Šošovky (LNS) Elektrická výbava Elektronický predradník FIX/DALI (ECG/EDA) Material Těleso: hliníkový odlitek + ocelový plech Šošovky: PMMA Kryt: transparentně tvrzené sklo Povrchová úprava Těleso: biela RAL 9003 (W03) Servisná životnosť 50,000 hodin/L80 (201/205W) 60,000 hodin/L80 (139/145W) 60,000 hodin/L70 (263/275W) Teplota okolia Od -40 °C do +40 °C	ES Montaje Sobrepuestas en el techo (SFD) Fuente luminica LED Sistema óptico Lentes (LNS) Cableado Equipo de control electrónico FIX/DALI (ECG/EDA) Material Cuerpo: aluminio moldeado + lámina de acero Lentes: PMMA Cubierta: cristal endurecido transparente Tratamiento de la superficie Cuerpo: blanco RAL 9003 (W03) Vida útil 50,000 hodin/L80 (201/205W) 60,000 hodin/L80 (139/145W) 60,000 hodin/L70 (263/275W) Temperatura ambiente Desde -40 °C a +40 °C	IT Installazione A plafone (SFD) Sorgente luminosa LED Sistema ottico Lenti (LNS) Cablaggio Ballast elettronico FIX/DALI (ECG/EDA) Materiali Corpo: pressofusione di alluminio + lamina d'acciaio Lenti: PMMA Copertura: vetro temperato trasparente Finitura Corpo: bianco RAL 9003 (W03) Durata di vita 50,000 hodin/L80 (201/205W) 60,000 hodin/L80 (139/145W) 60,000 hodin/L70 (263/275W) Temperatura d'ambiente Da -40 °C a +40 °C	RU Установка Потолочная накладная (SFD) Источник света LED Оптическая система Линзы (LNS) Электрическое оснащение Электронный аппарат FIX/DALI (ECG/EDA) Материал Корпус: литой алюминий + листовая сталь Линзы: PMMA Крышка: чистое закаленное стекло Отделка поверхности Корпус: белый RAL 9003 (W03) Срок службы 50,000 hodin/L80 (201/205W) 60,000 hodin/L80 (139/145W) 60,000 hodin/L70 (263/275W) Температура окружающей среды От -40 °C до +40 °C
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PHOTOMETRY

IVAR SFD L51
32,150 lm 4000 K

LOR = 100%
lower flux fraction 100%
upper flux fraction 0%
UGR <28

L52
LOR = 98.4%

L53
LOR = 91.2%

L54
LOR = 93%

L55
LOR = 90.7%

MOUNTING

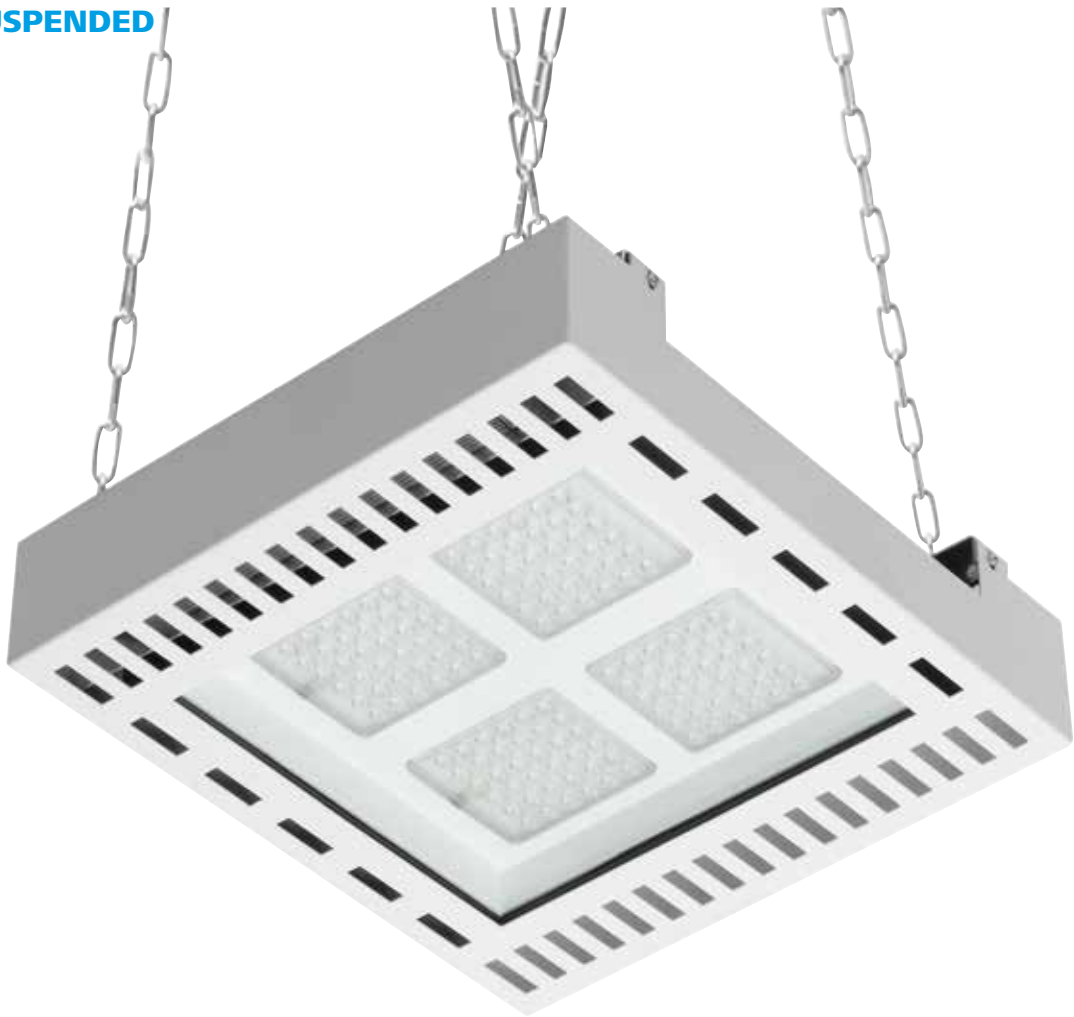
MOUNTING PLATE

Ø 200
8x Ø 7

207
380
412

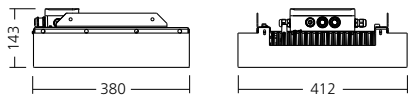
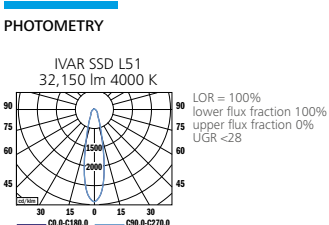
TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE (C0-180, C90-270)	WEIGHT (kg)
IVAR SFD L51 EDA	15,800	139	114	80+	4000	22°	14.1
IVAR SFD L51 EDA	17,350	139	125	70+	4000	22°	14.1
IVAR SFD L51 ECG	15,800	145	109	80+	4000	22°	14.0
IVAR SFD L51 ECG	17,350	145	120	70+	4000	22°	14.0
IVAR SFD L51 EDA	22,200	201	110	80+	4000	22°	14.3
IVAR SFD L51 EDA	24,350	201	121	70+	4000	22°	14.3
IVAR SFD L51 ECG	22,200	205	108	80+	4000	22°	15.2
IVAR SFD L51 ECG	24,350	205	119	70+	4000	22°	15.2
IVAR SFD L51 EDA	29,300	263	111	80+	4000	22°	15.2
IVAR SFD L51 EDA	32,150	263	122	70+	4000	22°	15.2
IVAR SFD L51 ECG	29,300	275	107	80+	4000	22°	15.0
IVAR SFD L51 ECG	32,150	275	117	70+	4000	22°	15.0

Luminous flux tolerance +/- 10%.

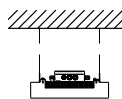


Ivar Suspended

EN Mounting Suspended (SSD) Light source LED Optical system Lenses (LNS) Wiring Electronic control gear FIX/DALI (ECG/EDA) Materials Housing: die-cast aluminium + sheet steel Lenses: PMMA Cover: transparent hardened glass Chain suspension Surface finish Housing: white RAL 9003 (W03) Service lifetime 50,000 hodin/L80 (201/205W) 60,000 hodin/L80 (139/145W) 60,000 hodin/L70 (263/275W) Ambient temperature From -40 °C to +40 °C	DE Montage Hängend (SSD) Lichtquelle LED Optisches System Linsen (LNS) Vorschaltgerät Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA) Material Körper: Aluminiumdruckguss + Stahlblech Linsen: PMMA Abdeckung: durchsichtig gehärteter Glas Kettenaufhängung Oberflächenveredelung Körper: weiss RAL 9003 (W03) Lebensdauer 50,000 hodin/L80 (201/205W) 60,000 hodin/L80 (139/145W) 60,000 hodin/L70 (263/275W) Umgebungstemperatur Von -40 °C bis +40 °C	FR Montage Suspendu (SSD) Source lumineuse LED Système optique Lentilles (LNS) Équipement électrique Ballast électronique FIX/DALI (ECG/EDA) Matériels Corps: aluminium moulé sous pression + tôle d'acier Lentilles: PMMA Couvercle: verre trempé transparente Suspension de chaîne Finition de surface Corps: blanc RAL 9003 (W03) Durée de vie utile 50,000 hodin/L80 (201/205W) 60,000 hodin/L80 (139/145W) 60,000 hodin/L70 (263/275W) Température ambiante De -40 °C à +40 °C	SK Montáž Zavesné (SSD) Svetelný zdroj LED Optický systém Šošovky (LNS) Elektrická výbava Elektronický predradník FIX/DALI (ECG/EDA) Material Teleso: hliníkový odliatok + oceľový plech Šošovky: PMMA Kryt: transparentné tvrdené sklo Refazový záves Povrchová úprava Teleso: biela RAL 9003 (W03) Servisná životnosť 50,000 hodin/L80 (201/205W) 60,000 hodin/L80 (139/145W) 60,000 hodin/L70 (263/275W) Teplota okolia Od -40 °C do +40 °C	ES Montaje Suspendidas (SSD) Fuente luminica LED Sistema óptico Lentes (LNS) Cableado Equipo de control electronico FIX/DALI (ECG/EDA) Material Cuerpo: aluminio moldeado + lámina de acero Lentes: PMMA Cubierta: cristal endurecido transparente Cadena de suspensión Tratamiento de la superficie Cuerpo: blanco RAL 9003 (W03) Vida útil 50,000 hodin/L80 (201/205W) 60,000 hodin/L80 (139/145W) 60,000 hodin/L70 (263/275W) Temperatura ambiente Desde -40 °C a +40 °C	IT Installazione A sospensione (SSD) Sorgente luminosa LED Sistema ottico Lenti (LNS) Cablaggio Ballast elettronico FIX/DALI (ECG/EDA) Materiali Corpo: pressofusione di alluminio + lamina d'acciaio Lenti: PMMA Copertura: vetro temperato trasparente Catena di sospensione Finitura Corpo: bianco RAL 9003 (W03) Durata di vita 50,000 hodin/L80 (201/205W) 60,000 hodin/L80 (139/145W) 60,000 hodin/L70 (263/275W) Temperatura d'ambiente Da -40 °C a +40 °C	RU Установка Подвесная (SSD) Источник света LED Оптическая система Линзы (LNS) Электрическое оснащение Электронный аппарат FIX/DALI (ECG/EDA) Материал Корпус: литой алюминий + листовая сталь Линзы: PMMA Крышка: чистое закаленное стекло Цепной подвес Отделка поверхности Корпус: белый RAL 9003 (W03) Срок службы 50,000 hodin/L80 (201/205W) 60,000 hodin/L80 (139/145W) 60,000 hodin/L70 (263/275W) Температура окружающей среды От -40 °C до +40 °C
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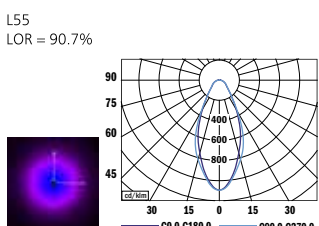
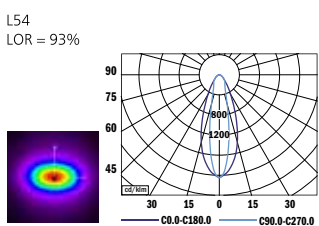
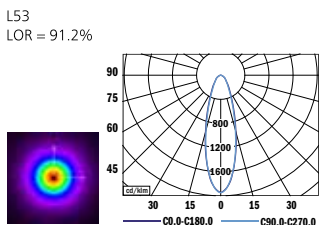
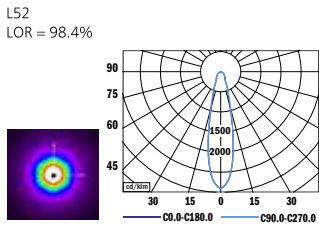


MOUNTING



TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE (C0-180, C90-270)	WEIGHT (kg)
IVAR SSD L51 EDA	15,800	139	114	80+	4000	22°	14.1
IVAR SSD L51 EDA	17,350	139	125	70+	4000	22°	14.1
IVAR SSD L51 ECG	15,800	145	109	80+	4000	22°	14.0
IVAR SSD L51 ECG	17,350	145	120	70+	4000	22°	14.0
IVAR SSD L51 EDA	22,200	201	110	80+	4000	22°	14.3
IVAR SSD L51 EDA	24,350	201	121	70+	4000	22°	14.3
IVAR SSD L51 ECG	22,200	205	108	80+	4000	22°	15.2
IVAR SSD L51 ECG	24,350	205	119	70+	4000	22°	15.2
IVAR SSD L51 EDA	29,300	263	111	80+	4000	22°	15.2
IVAR SSD L51 EDA	32,150	263	122	70+	4000	22°	15.2
IVAR SSD L51 ECG	29,300	275	107	80+	4000	22°	15.0
IVAR SSD L51 ECG	32,150	275	117	70+	4000	22°	15.0

Luminous flux tolerance +/- 10%.





Tdo Led

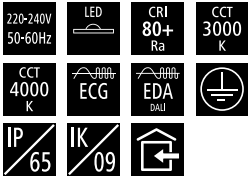
TDO LED / LED WIDE

OPAL DIF / WIDE REF
LED

LED



Tdo Led / Led
Wide



EN

Mounting
Surfaced/Suspended (S/S)
Light source
LED
Optical system
Opal diffuser (OPD)
Wide reflector (DRE)
Wiring
Through wiring (three options of phase connection - L1 / L2 / L3)
Electronic control gear FIX/DALI (ECG/EDA)
Materials
Housing: grey injected polycarbonate
Clips: polycarbonate
Diffuser: transparent injected PC + opal foil
Clips: polycarbonate
Accessories
Clips: stainless steel (INOX)
Rope suspension
Connector WIELAND RST 2015
Service lifetime
50,000 hours/L80
Ambient temperature
From -20 °C to +35 °C

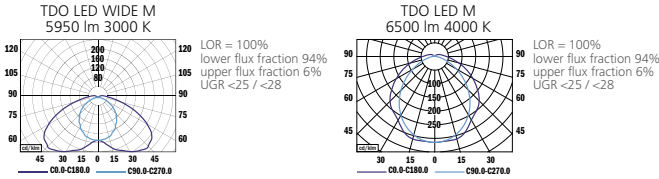
DE

Montage
Deckenleuchte/Hängend (S/S)
Lichtquelle
LED
Optisches System
Opaler Diffusor (OPD)
Breiter Reflektor (DRE)
Vorschaltgerät
Durchgangsverdrahtung (drei Optionen von Phase-Anschluss - L1 / L2 / L3)
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Material
Körper: grau Spritzguss-Polykarbonat
Abdeckung: Polykarbonat
Diffusor: transparentes PC, Spritzguss + opal Folie
Klips: Polykarbonat
Zubehör
Klips: rostfreier Stahl (INOX)
Seilaufhängung
Anschluss WIELAND RST 2015
Lebensdauer
50,000 Stunden/L80
Umgebungstemperatur
Von -20 °C bis +35 °C

FR

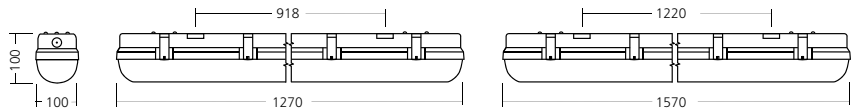
Montage
Plafonnier apparent/Suspendu (S/S)
Source lumineuse
LED
Système optique
Diffuseur opale (OPD)
Réflecteur large (DRE)
Équipement électrique
Câblage traversant (trois options de connexion de phase - L1 / L2 / L3)
Ballast électronique FIX/DALI (ECG/EDA)
Matériels
Corps: polycarbonate gris injecté
Couvercle: polycarbonate
Diffuseur: injecté transparent PC + feuille d'opale
Držiaky: polycarbonate
Accessoires
Barrette: tôle d'acier (INOX)
Câble de suspension
Connecteur WIELAND RST 2015
Durée de vie utile
50,000 heures/L80
Température ambiante
De -20 °C à +35 °C

PHOTOMETRY

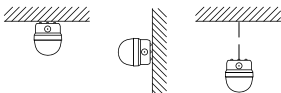


M

L



MOUNTING



TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE (C0-180, C90-270)	WEIGHT (kg)
TDO LED M	3400	25	136	80+	3000	122°, 96°	2.0
TDO LED M	3600	25	144	80+	4000	122°, 96°	2.0
TDO LED M	4600	31	148	80+	3000	122°, 96°	2.0
TDO LED M	4700	31	152	80+	4000	122°, 96°	2.0
TDO LED M	6500	45	144	80+	3000	122°, 96°	2.0
TDO LED M	6750	45	150	80+	4000	122°, 96°	2.0
TDO LED L	4550	33	138	80+	3000	120°, 96°	2.5
TDO LED L	4750	33	144	80+	4000	120°, 96°	2.5
TDO LED M WIDE	3150	25	126	80+	3000	150°, 100°	2.2
TDO LED M WIDE	3300	25	132	80+	4000	150°, 100°	2.2
TDO LED M WIDE	4250	31	137	80+	3000	150°, 100°	2.2
TDO LED M WIDE	4300	31	139	80+	4000	150°, 100°	2.2
TDO LED M WIDE	5950	45	132	80+	3000	150°, 100°	2.2
TDO LED M WIDE	6250	45	139	80+	4000	150°, 100°	2.2
TDO LED L WIDE	4200	33	127	80+	3000	150°, 100°	2.7
TDO LED L WIDE	4350	33	132	80+	4000	150°, 100°	2.7

Luminous flux tolerance +/- 10%.

WIDE



RS-S 20 L150 SQ (SQUARE SHAPE)
OR RD (ROUND SHAPE)



LUMINAIRES WITH HIGH PROTECTION DEGREE

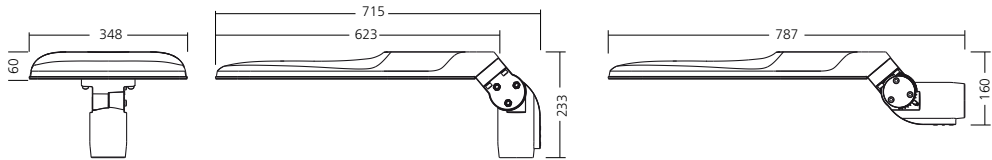
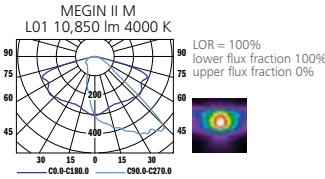


Megin

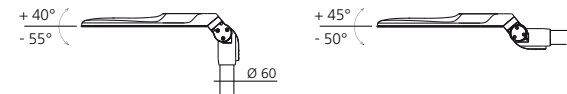


Megin II M

PHOTOMETRY

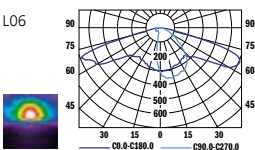
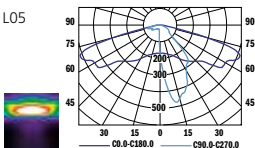
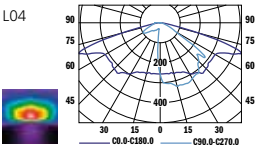


MOUNTING



TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	WINDAGE AREA SIDE / TOP (m²)	WEIGHT (kg)	RECOMENDED MOUNTING HEIGHT (m)	REPLACEMENT OF STANDARD
MEGIN II M	2950	25	118	70+	4000	0.028/0.193	8.9	5-8	HPS 70 W
MEGIN II M	3950	35	113	70+	4000	0.028/0.193	9.4	5-8	HPS 70 W
MEGIN II M	4900	44	111	70+	4000	0.028/0.193	9.4	7-10	HPS 70 W
MEGIN II M	7350	59	125	70+	4000	0.028/0.193	9.4	7-10	HPS 100 W
MEGIN II M	8750	71	123	70+	4000	0.028/0.193	9.4	7-10	HPS 100 W
MEGIN II M	10,850	87	125	70+	4000	0.028/0.193	9.5	8-12	HPS 150 W
MEGIN II M	14,250	122	117	70+	4000	0.028/0.193	9.5	8-12	HPS 150 W

Luminous flux tolerance +/- 10%



220-240V 50-60Hz	LED	CRI 70+ Ra	CCT 4000 K
ECC ECC + CLO	EDO DALI + CLO	EBC 100%Ra + CLO	EPO INT DIM + CLO
IP 67	IK 10		

EN

Mounting
Pole-top/side entry installation (PMT)
Light source
LED
Optical system
Lenses (LNS)
Wiring
Electronic control gear FIX/DALI/STEP DIM/
INT DIM + CONSTANT LUMEN OUTPUT
(ECC/EDO/EBC/EPO)
External lead-in flexible cable
Materials
Housing: die-cast aluminium
Cover: polycarbonate
Frame: sheet steel
Tilttable spigot: die cast aluminium
Surface finish
Housing: grey RAL 9006 (G06)
Service lifetime
60,000 hours/L90 (25/35/44/59/71W)
60,000 hours/L80 (87/122W)
Ambient temperature
From -35 °C to +40 °C

DE

Montage
Aufsatz- /Seitenansatz-Installation (PMT)
Lichtquelle
LED
Optisches System
Linsen (LNS)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI/STEP
DIM/INT DIM + CONSTANT LUMEN OUTPUT
(ECC/EDO/EBC/EPO)
Externes Anschlusskabel
Material
Körper: Aluminiumdruckguss
Abdeckung: Polycarbonat
Rahmen: Stahlblech
Schwenkbarer Zapfen: Aluminiumdruckguss
Oberflächenveredelung
Körper: grau RAL 9006 (G06)
Lebensdauer
60,000 Stunden/L90 (25/35/44/59/71W)
60,000 Stunden/L80 (87/122W)
Umgebungstemperatur
Von -35 °C bis +40 °C

FR

Montage
Installation supérieure du pôle/d'entrée latérale (PMT)
Source lumineuse
LED
Système optique
Lentilles (LNS)
Équipement électrique
Ballast électronique FIX/DALI/STEP DIM/INT DIM +
CONSTANT LUMEN OUTPUT (ECC/EDO/EBC/EPO)
Artère externe
Matériels
Corps: aluminium moulé sous pression
Couvercle: polycarbonate
Cadre: tôle d'acier
Ergot inclinable: aluminium moulé sous pression
Finition de surface
Corps: gris RAL 9006 (G06)
Durée de vie utile
60,000 heures/L90 (25/35/44/59/71W)
60,000 heures/L80 (87/122W)
Température ambiante
De -35 °C à +40 °C

SK

Montáž
Montáž na stĺp/zo strany (PMT)
Svetelný zdroj
LED
Optický systém
Šošovky (LNS)
Elektrická výbava
Elektronický predradník FIX/DALI/STEP DIM/
INT DIM + CONSTANT LUMEN OUTPUT
(ECC/EDO/EBC/EPO)
Prívodný napájací kábel
Material
Teleso: hliníkový odliatok
Kryt: polykarbonát
Rám: oceľový plech
Sklopný nástavec: hliníkový odliatok
Povrchová úprava
Teleso: šedá RAL 9006 (G06)
Servisná životnosť
60,000 hodín/L90 (25/35/44/59/71W)
60,000 hodín/L80 (87/122W)
Teplota okolia
Od -35 °C do +40 °C

ES

Montaje
Instalación en poste superior/de acceso lateral
(PMT)
Fuente luminica
LED
Sistema óptico
Lentes (LNS)
Cableado
Equipo de control electrónico FIX/DALI/STEP
DIM/INT DIM + CONSTANT LUMEN OUTPUT
(ECC/EDO/EBC/EPO)
Cable alimentador externo
Material
Cuerpo: aluminio moldeado
Cubierta: policarbonato
Marco: lámina de acero
Espiga inclinable: aluminio moldeado
Tratamiento de la superficie
Cuerpo: gris RAL 9006 (G06)
Vida útil
60,000 horas/L90 (25/35/44/59/71W)
60,000 horas/L80 (87/122W)
Temperatura ambiente
Desde -35 °C a +40 °C

IT

Installazione
Installazione testa palo/ingresso laterale (PMT)
Sorgente luminosa
LED
Sistema ottico
Lenti (LNS)
Cablaggio
Ballast elettronico FIX/DALI/STEP DIM/INT DIM
+ CONSTANT LUMEN OUTPUT (ECC/EDO/EBC/
EPO)
Cavetto di alimentazione esterno
Materiali
Corpo: pressofusione di alluminio
Copertura: policarbonato
Cornice: lamina d'acciaio
Perno inclinabile: pressofusione di alluminio
Finitura
Corpo: grigio RAL 9006 (G06)
Durata di vita
60,000 ore/L90 (25/35/44/59/71W)
60,000 ore/L80 (87/122W)
Temperatura d'ambiente
Da -35 °C a +40 °C

RU

Установка
Установка на верхушке мачты / со стороны входа (PMT)
Источник света
LED
Оптическая система
Линзы (LNS)
Электрическое оснащение
Электронный аппарат FIX/DALI/STEP DIM/INT DIM +
CONSTANT LUMEN OUTPUT (ECC/EDO/EBC/EPO)
Внешний свинца в гибком кабеле
Материал
Корпус: литой алюминий
Крышка: поликарбонат
Каркас: листовая сталь
Поворотный патрубкок: литой алюминий
Отделка поверхности
Корпус: серый RAL 9006 (G06)
Срок службы
60,000 часов/L90 (25/35/44/59/71W)
60,000 часов/L80 (87/122W)
Температура окружающей среды
От -35 °C до +40 °C



Megin L



220-240V
50-60Hz

LED

CRI
70+
Ra

CCT
4500
K

ECG

EDP
INT DIM

EDB
100/50 %

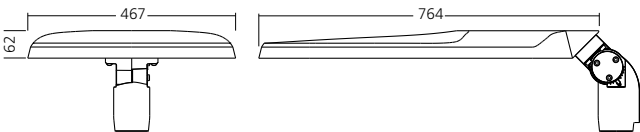
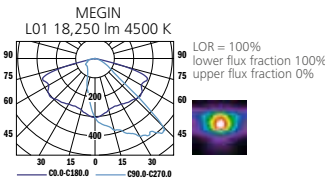
EDA
DALI

IP
65

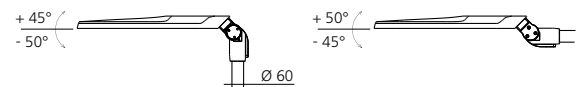
IK
08

EN Mounting Pole-top/side entry installation (PMT) Light source LED Optical system Lenses (LNS) Wiring Electronic control gear FIX/DALI/STEP DIM/INT DIM (ECG/EDA/EDB/EDP) External lead-in flexible cable Materials Housing: die-cast aluminium Cover: transparent hardened glass Frame: sheet steel Tilttable spigot: die cast aluminium Surface finish Housing: grey RAL 9006 (G06) Service lifetime 100,000 hours/L80 Ambient temperature From -35 °C to +40 °C	DE Montage Aufsatz-/Seitenansatz-Installation (PMT) Lichtquelle LED Optisches System Linsen (LNS) Vorschaltgerät Elektronisches Vorschaltgerät FIX/DALI/STEP DIM/INT DIM (ECG/EDA/EDB/EDP) Externes Anschlusskabel Material Körper: Aluminiumdruckguss Abdeckung: durchsichtiger gehärteter Glas Rahmen: Stahlblech Schwenkbarer Zapfen: Aluminiumdruckguss Oberflächenveredelung Körper: grau RAL 9006 (G06) Lebensdauer 100,000 Stunden/L80 Umgebungstemperatur Von -35 °C bis +40 °C	FR Montage Installation supérieure du pôle/d'entrée latérale (PMT) Source lumineuse LED Système optique Lentilles (LNS) Équipement électrique Ballast électronique FIX/DALI/STEP DIM/INT DIM (ECG/EDA/EDB/EDP) Artère externe Matériels Corps: aluminium moulé sous pression Couvercle: verre trempé transparente Cadre: tôle d'acier Ergot inclinable: aluminium moulé sous pression Finition de surface Corps: gris RAL 9006 (G06) Durée de vie utile 100,000 heures/L80 Température ambiante De -35 °C à +40 °C	SK Montáž Montáž na stĺp/zo strany (PMT) Svetelný zdroj LED Optický systém Šošovky (LNS) Elektrická výbava Elektronický predradník FIX/DALI/STEP DIM/INT DIM (ECG/EDA/EDB/EDP) Prívodný napájací kábel Matériál Teleso: hliníkový odliatok Kryt: transparentné tvrdené sklo Rám: oceľový plech Ergot nástavec: hliníkový odliatok Povrchová úprava Teleso: šedá RAL 9006 (G06) Service life 100,000 hodín/L80 Teplota okolia Od -35 °C do +40 °C	ES Montaje Instalación en poste superior/de acceso lateral (PMT) Fuente luminica LED Sistema óptico Lentes (LNS) Cableado Equipo de control electrónico FIX/DALI/STEP DIM/INT DIM (ECG/EDA/EDB/EDP) cable alimentador externo Material Cuerpo: aluminio moldeado Cubierta: cristal endurecido transparente Marco: lámina de acero Espiga inclinable: aluminio moldeado Tratamiento de la superficie Cuerpo: gris RAL 9006 (G06) Vida útil 100,000 horas/L80 Temperatura ambiente Desde -35 °C a +40 °C	IT Installazione Installazione testa palo/ingresso laterale (PMT) Sorgente luminosa LED Sistema ottico Lenti (LNS) Cablaggio Ballast elettronico FIX/DALI/STEP DIM/INT DIM (ECG/EDA/EDB/EDP) Cavetto di alimentazione esterno Materiali Corpo: pressofusione di alluminio Copertura: vetro temperato trasparente Cornice: lamina d'acciaio Perno inclinabile: pressofusione di alluminio Finitura Corpo: grigio RAL 9006 (G06) Durata di vita 100,000 ore/L80 Temperatura d'ambiente Da -35 °C a +40 °C	RU Установка Установка на верхушке мачты / со стороны входа (PMT) Источник света LED Оптическая система Линзы (LNS) Электрическое оснащение Электронный аппарат FIX/DALI/STEP DIM/INT DIM (ECG/EDA/EDB/EDP) Внешний свинца в гибком кабеле Материал Корпус: литой алюминий Крышка: чистое закаленное стекло Каркас: листовая сталь Поворотный патрубок: литой алюминий Отделка поверхности Корпус: серый RAL 9006 (G06) Срок службы 100,000 часов/L80 Температура окружающей среды От -35 °C до +40 °C
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PHOTOMETRY

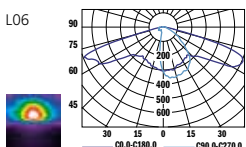
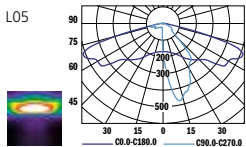
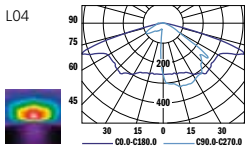


MOUNTING



TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	WINDAGE AREA SIDE / TOP (m²)	WEIGHT (kg)	RECOMENDED MOUNTING HEIGHT (m)	REPLACEMENT OF STANDARD
MEGIN L	18,250	166	110	70+	4500	0.038/0.32	20.1	8-12	HPS 250 W
MEGIN L	20,100	183	110	70+	4500	0.038/0.32	20.1	8-12	HPS 250 W
MEGIN L	23,000	209	110	70+	4500	0.038/0.32	20.3	10-15	HPS 400 W

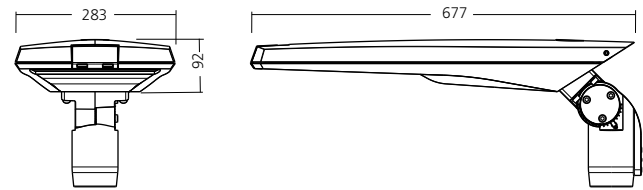
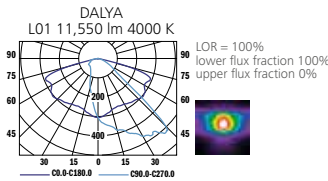
Luminous flux tolerance +/- 10%



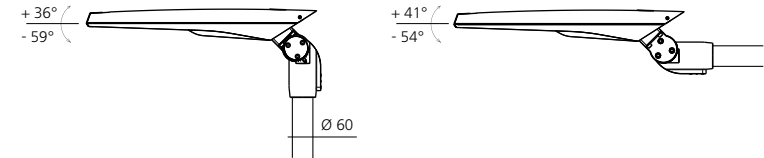


Dalya

PHOTOMETRY



MOUNTING

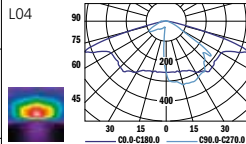


TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	WINDAGE AREA SIDE / TOP (m²)	WEIGHT (kg)	RECOMENDED MOUNTING HEIGHT (m)	REPLACEMENT OF STANDARD
DALYA	2200	18	122	70+	4000	0.026/0.194	8.7	5-8	HPS 70 W
DALYA	3250	26	125	70+	4000	0.026/0.194	8.7	5-8	HPS 70 W
DALYA	4350	33	132	70+	4000	0.026/0.194	8.7	7-10	HPS 70 W
DALYA	5400	41	132	70+	4000	0.026/0.194	9.2	7-10	HPS 100 W
DALYA	6450	48	134	70+	4000	0.026/0.194	9.2	7-10	HPS 100 W
DALYA	8800	70	126	70+	4000	0.026/0.194	9.2	7-10	HPS 100 W
DALYA	11,550	97	119	70+	4000	0.026/0.194	9.2	8-12	HPS 150 W
DALYA	13,800	128	108	70+	4000	0.026/0.194	9.7	8-12	HPS 150 W
DALYA	14,950	146	102	70+	4000	0.026/0.194	9.7	8-12	HPS 150 W

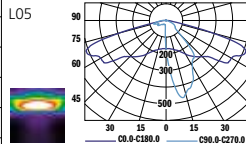
Luminous flux tolerance +/- 10%



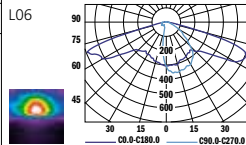
L04



L05



L06



220-240V 50-60Hz	LED	CRI 70+ Ra	CCT 4000 K
ECC ECC + CLO	EDO DALI + CLO	EBC 100%+CLO	EPO INT DIM-CLO
IP 65	IK 08		

EN

Mounting
Pole-top/side entry installation (PMT)
Light source
LED
Optical system
Lenses (LNS)
Wiring
Electronic control gear FIX/DALI/STEP DIM/
INT DIM + CONSTANT LUMEN OUTPUT
(ECC/EDO/EBC/EPO)
External lead-in flexible cable
Materials
Housing: die-cast aluminium
Cover: transparent hardened glass
Frame: sheet steel
Tilttable spigot: die cast aluminium
Surface finish
Housing: grey RAL 9006 (G06)
Service lifetime
100,000 hours/L80
Ambient temperature
From -40 °C to +50 °C

DE

Montage
Aufsatz-/Seitenansatz-Installation (PMT)
Lichtquelle
LED
Optisches System
Linsen (LNS)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI/STEP
DIM/INT DIM + CONSTANT LUMEN OUTPUT
(ECC/EDO/EBC/EPO)
Artère externe
Externes Anschlusskabel
Material
Körper: Aluminiumdruckguss
Abdeckung: durchsichtiger gehärteter Glas
Rahmen: Stahlblech
Schwenkbarer Zapfen: Aluminiumdruckguss
Oberflächenveredelung
Körper: grau RAL 9006 (G06)
Lebensdauer
100,000 Stunden/L80
Umgebungstemperatur
Von -40 °C bis +50 °C

FR

Montage
Installation supérieur du pôle/d'entrée latérale (PMT)
Source lumineuse
LED
Système optique
Lentilles (LNS)
Équipement électrique
Ballast électronique FIX/DALI/STEP DIM/INT DIM +
CONSTANT LUMEN OUTPUT (ECC/EDO/EBC/EPO)
Artère externe
Matériels
Corps: aluminium moulé sous pression
Couvercle: verre trempé transparente
Cadre: tôle d'acier
Ergot inclinable: aluminium moulé sous pression
Finition de surface
Corps: gris RAL 9006 (G06)
Durée de vie utile
100,000 heures/L80
Température ambiante
De -40 °C à +50 °C

SK

Montáž
Montáž na stĺp/zo strany (PMT)
Svetelný zdroj
LED
Optický systém
Šošovky (LNS)
Elektrická výbava
Elektronický predradník FIX/DALI/STEP DIM/
INT DIM + CONSTANT LUMEN OUTPUT
(ECC/EDO/EBC/EPO)
Prívodný napájací kábel
Material
Teleso: hliníkový odliatok
Kryt: transparentné tvrdené sklo
Rám: oceľový plech
Sklopný nástavec: hliníkový odliatok
Povrchová úprava
Teleso: šedá RAL 9006 (G06)
Servisná životnosť
100,000 hodín/L80
Teplota okolia
Od -40 °C do +50 °C

ES

Montaje
Instalación en poste superior/de acceso lateral (PMT)
Fuente luminica
LED
Sistema óptico
Lentes (LNS)
Cableado
Equipo de control electrónico FIX/DALI/STEP
DIM/INT DIM + CONSTANT LUMEN OUTPUT
(ECC/EDO/EBC/EPO)
Cable alimentador externo
Material
Cuerpo: aluminio moldeado
Cubierta: cristal endurecido transparente
Marco: lámina de acero
Espiga inclinable: aluminio moldeado
Tratamiento de la superficie
Cuerpo: gris RAL 9006 (G06)
Vida útil
100,000 horas/L80
Temperatura ambiente
Desde -40 °C a +50 °C

IT

Installazione
Installazione testa palo/ingresso laterale (PMT)
Sorgente luminosa
LED
Sistema ottico
Lenti (LNS)
Cablaggio
Ballast elettronico FIX/DALI/STEP DIM/INT DIM
+ CONSTANT LUMEN OUTPUT (ECC/EDO/EBC/
EPO)
Cavetto di alimentazione esterno
Materiali
Corpo: pressofusione di alluminio
Copertura: vetro temperato trasparente
Cornice: lamina d'acciaio
Perno inclinabile: pressofusione di alluminio
Finitura
Corpo: grigio RAL 9006 (G06)
Durata di vita
100,000 ore/L80
Temperatura d'ambiente
Da -40 °C a +50 °C

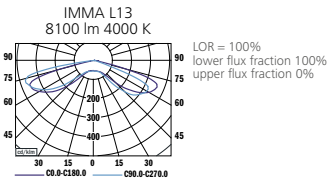
RU

Установка
Установка на вершукше мачты / со стороны входа (PMT)
Источник света
LED
Оптическая система
Линзы (LNS)
Электрическое оснащение
Электронный аппарат FIX/DALI/STEP DIM/INT DIM +
CONSTANT LUMEN OUTPUT (ECC/EDO/EBC/EPO)
Внешний свинца в гибком кабеле
Материал
Корпус: литой алюминий
Крышка: чистое закаленное стекло
Каркас: листовая сталь
Поворотный патрубок: литой алюминий
Отделка поверхности
Корпус: серый RAL 9006 (G06)
Срок службы
100,000 часов/L80
Температура окружающей среды
От -40 °C до +50 °C

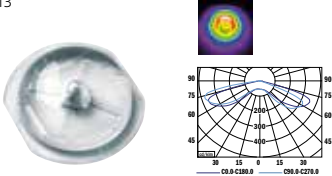


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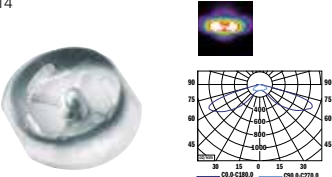
PHOTOMETRY



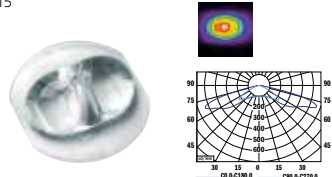
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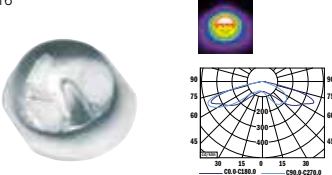
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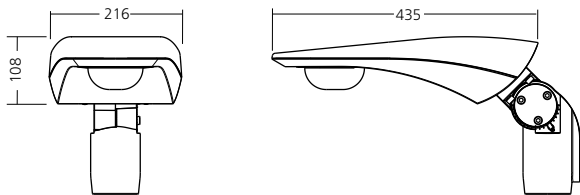
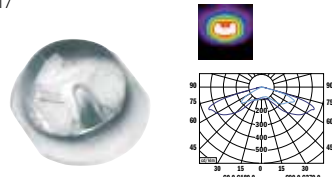
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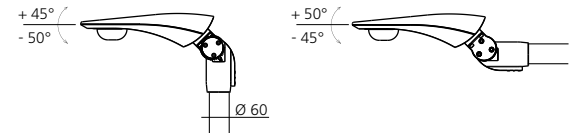
L16



L17

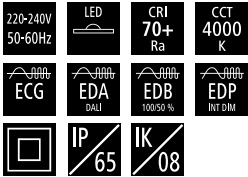


MOUNTING



TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	WINDAGE AREA SIDE / TOP (m²)	WEIGHT (kg)
IMMA	3150	22	143	70+	4000	0.024/0.074	5.4
IMMA	4150	29	143	70+	4000	0.024/0.074	5.4
IMMA	5300	37	143	70+	4000	0.024/0.074	5.4
IMMA	6300	44	143	70+	4000	0.024/0.074	5.5
IMMA	7550	56	135	70+	4000	0.024/0.074	5.5
IMMA	8100	60	135	70+	4000	0.024/0.074	5.5

Luminous flux tolerance +/- 10%



EN

Mounting
Pole-top/side entry installation (PMT)
Light source
LED
Optical system
Lens (LNS)
Wiring
Electronic control gear FIX/DALI/STEP DIM/INT DIM (ECG/EDA/EDB/EDP)
Materials
Housing: die-cast aluminium
Cover: silicon
Tilttable spigot: die cast aluminium
Surface finish
Housing: grey RAL 9006 (G06)
Accessories
External lead-in flexible cable
Service lifetime
50,000 hours/L80
Ambient temperature
From -40 °C to +40 °C

DE

Montage
Aufsatz-/Seitenansatz-Installation (PMT)
Lichtquelle
LED
Optisches System
Linse (LNS)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI/STEP DIM/INT DIM (ECG/EDA/EDB/EDP)
Material
Körper: Aluminiumdruckguss
Abdeckung: Silicon
Schwenkbarer Zapfen: Aluminiumdruckguss
Oberflächenveredelung
Körper: grau RAL 9006 (G06)
Zubehör
Externes Anschlusskabel
Lebensdauer
50,000 Stunden/L80
Umgebungstemperatur
Von -40 °C bis +40 °C

FR

Montage
Installation supérieure du pôle/d'entrée latérale (PMT)
Source lumineuse
LED
Système optique
Lentille (LNS)
Équipement électrique
Ballast électronique FIX/DALI/STEP DIM/INT DIM (ECG/EDA/EDB/EDP)
Matériels
Corps: aluminium moulé sous pression
Couvercle: silicone
Ergot inclinable: aluminium moulé sous pression
Finition de surface
Corps: gris RAL 9006 (G06)
Accessoires
Artère externe
Durée de vie utile
50,000 heures/L80
Température ambiante
De -40 °C à +40 °C

SK

Montáž
Montáž na stĺp/zo strany (PMT)
Svetelný zdroj
LED
Optický systém
Šošovka (LNS)
Elektrická výbava
Elektronický predradník FIX/DALI/STEP DIM/INT DIM (ECG/EDA/EDB/EDP)
Material
Teleso: hliníkový odliatok
Kryt: silikon
Sklopný nástavec: hliníkový odliatok
Povrchová úprava
Teleso: šedá RAL 9006 (G06)
Príslušenstvo
Prívodný napájací kábel
Servisná životnosť
50,000 hodín/L80
Teplota okolia
Od -40 °C do +40 °C

ES

Montaje
Instalación en poste superior/de acceso lateral (PMT)
Fuente luminica
LED
Sistema óptico
Lente (LNS)
Cableado
Equipo de control electrónico FIX/DALI/STEP DIM/INT DIM (ECG/EDA/EDB/EDP)
Material
Cuerpo: aluminio moldeado
Cubierta: silicosis
Espiga inclinable: aluminio moldeado
Tratamiento de la superficie
Cuerpo: gris RAL 9006 (G06)
Accesorios
Cable alimentador externo
Vida útil
50,000 horas/L80
Temperatura ambiente
Desde -40 °C a +40 °C

IT

Installazione
Installazione testa palo/ingresso laterale (PMT)
Sorgente luminosa
LED
Sistema ottico
Lente (LNS)
Cablaggio
Ballast elettronico FIX/DALI/STEP DIM/INT DIM (ECG/EDA/EDB/EDP)
Materiali
Corpo: pressofusione di alluminio
Copertura: silicone
Perno inclinabile: pressofusione di alluminio
Finitura
Corpo: grigio RAL 9006 (G06)
Accessori
Cavetto di alimentazione esterno
Durata di vita
50,000 ore/L80
Temperatura d'ambiente
Da -40 °C a +40 °C

RU

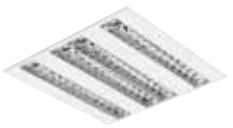
Установка
Установка на вершине мачты / со стороны входа (PMT)
Источник света
LED
Оптическая система
линза (LNS)
Электрическое оснащение
Электронный аппарат FIX/DALI/STEP DIM/INT DIM (ECG/EDA/EDB/EDP)
Материал
Корпус: литой алюминий
Крышка: силикон
Поворотный патрубкок: литой алюминий
Отделка поверхности
Корпус: серый RAL 9006 (G06)
Аксессуары
Внешний свинца в гибком кабеле
Срок службы
50,000 часов/L80
Температура окружающей среды
От -40 °C до +40 °C



Conventional Luminaires

CONVENTIONAL LUMINAIRES

RECESSED LUMINAIRES

INDIRECT C308	RELAX A1318	RELAX A2318	RELAX A8320	RELAX ASYM322
				

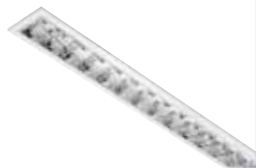
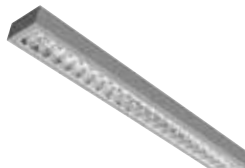
RELAX DIF324	RELAX H PAR-V2 / PAR MAT-V2326	RELAX H DIF326	RELAX XTP IP54 DIF332	
				

SURFACED AND SUSPENDED LUMINAIRES

QUARK II334	LAMBDA PAR-V2 / PAR MAT-V2336	LAMBDA DIF336	LAMBDA ASYM336	ENN MICROPRISMA338
				

CLASSIC ASYM342	CLASSIC DIF344	CLASSIC PAR-V2 / PAR MAT-V2350	CLASSIC XTP DIF352	
				

CONTINUOUS LINES AND TRUNKING SYSTEMS

RELAX H LINE PAR-V2 / PAR MAT-V2 RECESSED354	LAMBDA II LINE ASYMMETRIC S/S356	RELAX H LINE DIF RECESSED354	LAMBDA II LINE PAR-V2 / PAR MAT-V2 S/S356	LAMBDA II LINE DIF S/S356
				

PRESTIGE FDH362				
				

CONVENTIONAL LUMINAIRES

DOWNLIGHTS

PRO 211 RECESSED376	PRO 212 RECESSED378	PRO SURFACED380		
				

LUMINAIRES WITH HIGH PROTECTION DEGREE

TDO FD/FDH382				
				

INDIRECT C
DECOR L1 / L2
FSD / FSDH

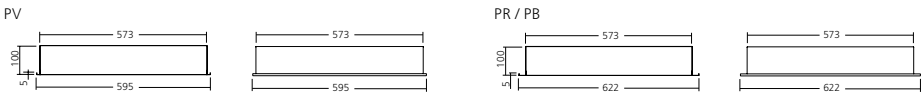
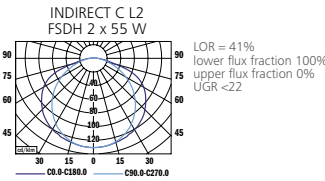


Indirect
C

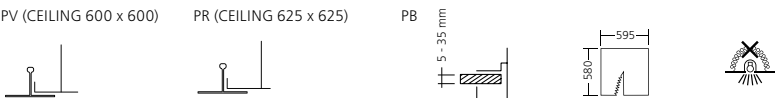


EN	DE	FR	SK	ES	IT	RU
Mounting Ceiling recessed PVx/PRx - T-ceiling PBx - Plasterboard ceiling Light source Compact fluorescent lamp (FSD/FSDH) Optical system Shade (C) Wiring Electronic control gear FIX/DALI (ECG/EDA) Emergency unit variant (1H/3H) Materials Housing: sheet steel Shade: sheet steel solid (DECOR L1)/ perforated (DECOR L2) Surface finish Housing: white RAL 9003 (W03) Accessories Connectors Mounting brackets Safety wire	Montage Einbauleuchte PVx/PRx - Sichtbare T-schiene Decke PBx - Rigips Decke Lichtquelle Kompakte Leuchtstofflampe (FSD/FSDH) Optisches System Lampenschirm (C) Vorschaltgerät Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA) Notbeleuchtung Variante (1H/3H) Material Körper: Stahlblech Lampenschirm: Stahlblech ungelocht (DECOR L1)/ gelocht (DECOR L2) Oberflächenveredelung Körper: Weiss RAL 9003 (W03) Zubehör Stecker Befestigungsklammern Sicherungsseil	Montage Plafonnier encastrable PVx/PRx - Un faux plafond PBx - Un plafond en plâtre Source lumineuse Lampe fluorescente compacte (FSD/FSDH) Système optique Ombre (C) Équipement électrique Ballast électronique FIX/DALI (ECG/EDA) Variante de l'unité de secours (1H/3H) Matériels Corps: tôle d'acier Ombre: tôle d'acier solide (DECOR L1)/ perforée (DECOR L2) Finition de surface Corps: blanc RAL 9003 (W03) Accessoires Connecteurs Supports de montage Fil de sécurité	Montáž Vsadené PVx/PRx - Kazetový strop PBx - Sádkartonový strop Svetelný zdroj Kompaktná fluorescenčná žiarivka (FSD/FSDH) Optický systém Tienidlo (C) Elektrická výbava Elektronický predradník FIX/DALI (ECG/EDA) Varianta s núdzovou jednotkou (1H/3H) Matériál Teleso: ocelový plech Tienidlo: ocelový plech plný (DECOR L1)/ dierkovaný (DECOR L2) Povrchová úprava Teleso: biela RAL 9003 (W03) Príslušenstvo Konektory Montážne držiaky Poistné lanko	Montaje Empotradas en el techo PVx/PRx - Techo T PBx - Techo de escayola Fuente luminica Lámpara fluorescente compacta (FSD/FSDH) Sistema óptico Pantalla (C) Cableado Equipo de control electrónico FIX/DALI (ECG/EDA) Variante unidad de emergencia (1H/3H) Material Cuerpo: lámina de acero Pantalla: lámina de acero solido (DECOR L1)/ perforada (DECOR L2) Tratamiento de la superficie Cuerpo: blanco RAL 9003 (W03) Accesorios Conectores Escuadras de montaje Cable de seguridad	Installazione Ad incasso a soffitto PVx/PRx - Struttura in vista PBx - Struttura cartongesso Sorgente luminosa Lampada fluorescente compatta (FSD/FSDH) Sistema ottico Schermo (C) Cablaggio Ballast elettronico FIX/DALI (ECG/EDA) Variante unità di emergenza (1H/3H) Materiali Corpo: lamina d'acciaio Schermo: lamina di metallo piena (DECOR L1)/ forata (DECOR L2) Finitura Corpo: bianco RAL 9003 (W03) Accessori Connettori Supporti per installazione Cavo di sicurezza	Установка Потолочная встроенная PVx/PRx - Кассетный потолок PBx - Гипсокартонный потолок Источник света Компактная люминесцентная лампа (FSD/FSDH) Оптическая система Экран (C) Электрическое оснащение Электронный аппарат FIX/DALI (ECG/EDA) блок аварийного освещения (1H/3H) Материал Корпус: листовая сталь Экран: листовая сталь сплошная (DECOR L1)/ или перфорированная (DECOR L2) Отделка поверхности Корпус: белый RAL 9003 (W03) Аксессуары Соединители Монтажные кронштейны Контрольная проволока

PHOTOMETRY



MOUNTING



TYPE	OPTICAL SYSTEM SHADE		POWER (W)	LIGHT SOURCE	LAMP HOLDER	EMERGENCY UNIT		EEC	WEIGHT (kg)
	L1	L2				1H	3H		
INDIRECT C	•	•	2 x 36	FSD	2G11	•	•	A	6.4
INDIRECT C	•	•	2 x 40	FSDH	2G11	•	•	A+ / A	6.4
INDIRECT C	•	•	2 x 55	FSDH	2G11	•	•	A+ / A	6.4

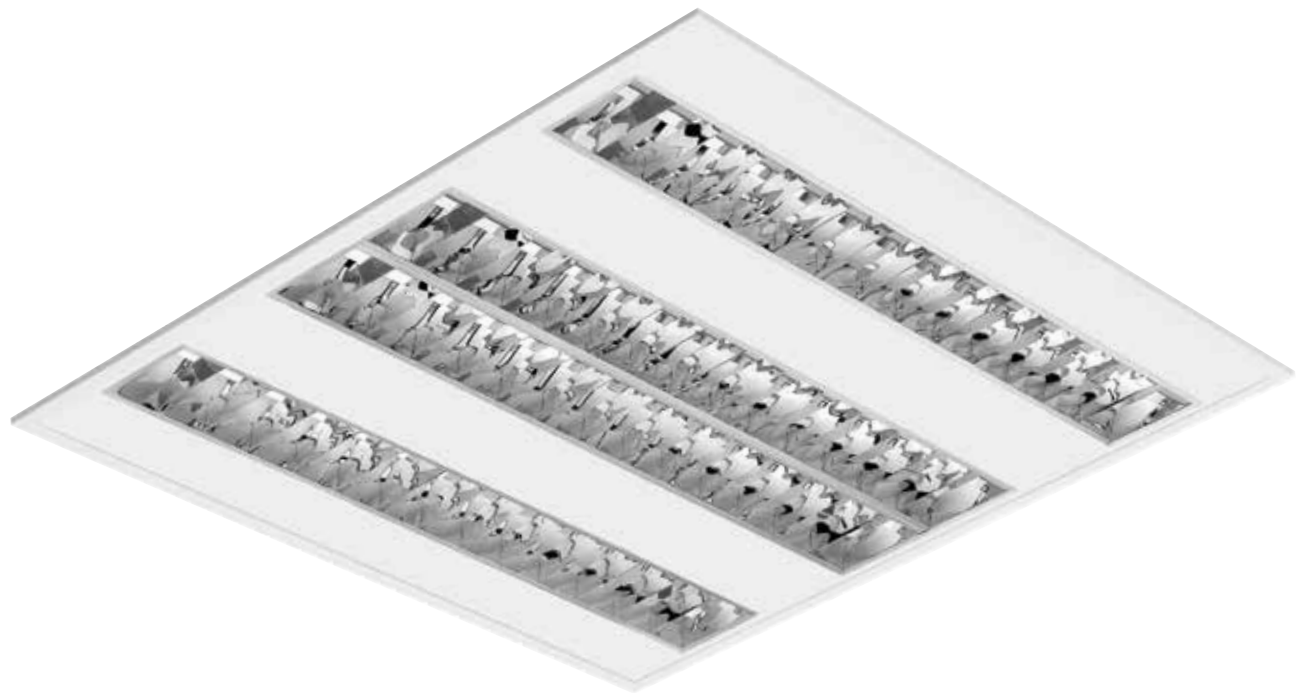
DECOR L1

DECOR L2

MOUNTING BRACKETS

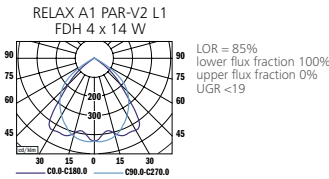


RELAX A1 / A2
PAR-V2 / PAR MAT-V2
FDH

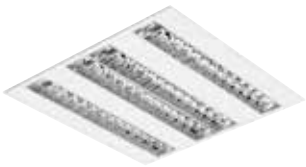


Relax
A1 / A2

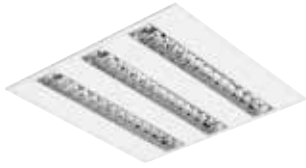
PHOTOMETRY



A1



A2



DECOR L1



DECOR L2



PAR-V2

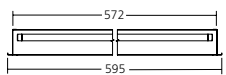
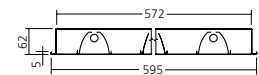


PAR MAT-V2

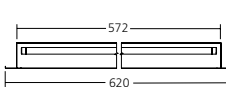
MOUNTING BRACKET



PV



PR / PB

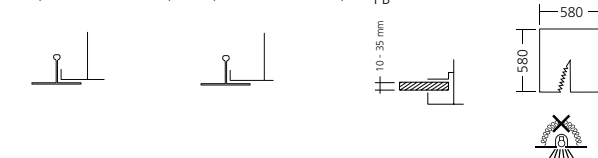


MOUNTING

PV (CEILING 600 x 600)

PR (CEILING 625 x 625)

PB



TYPE

OPTICAL SYSTEM

POWER

LIGHT SOURCE

LAMP HOLDER

EMERGENCY UNIT

EEC

WEIGHT

	LOUVRE		SHADE		(W)						
	PAR-V2	PAR MAT-V2	L1	L2				1H	3H		(kg)
RELAX A1	•	•	•	•	4 x 14	FDH	G5	•	•	A+ / A / B	5.0
RELAX A1	•	•	•	•	4 x 24	FDH	G5	•	•	A+ / A / B	5.0
RELAX A2	•	•	•	•	3 x 14	FDH	G5	•	•	A+ / A / B	5.0
RELAX A2	•	•	•	•	3 x 24	FDH	G5	•	•	A+ / A / B	5.0



EN

Mounting

Ceiling recessed
PVx/PRx - T-ceiling
PBx - Plasterboard ceiling

Light source

Linear fluorescent lamp (FDH)

Optical system

Polished/matt parabolic louvre

PAR-V2/PAR MAT-V2 (PL2/ML2)

Wiring

Electronic control gear FIX/DALI (ECG/EDA)

Emergency unit variant (1H/3H)

Materials

Housing: sheet steel

Parabolic louvre: polished/matt aluminium

Bottom sheet: sheet steel solid

(DECOR L1)/perforated (DECOR L2)

Surface finish

Housing: white RAL 9003 (W03)

Accessories

Connectors

Mounting brackets

Safety wire

DE

Montage

Einbauleuchte
PVx/PRx - Sichtbare T-schiene Decke
PBx - Rigips Decke

Lichtquelle

Lineare Leuchtstofflampe (FDH)

Optisches System

Polierter/matter parabolischer Raster

PAR-V2/PAR MAT-V2 (PL2/ML2)

Vorschaltgerät

Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)

Notbeleuchtung Variante (1H/3H)

Material

Körper: Stahlblech

Parabolischer Raster: poliertes/mattes Aluminium

Unteres Blatt: Stahlblech ungelocht

(DECOR L1)/gelocht (DECOR L2)

Oberflächenveredelung

Körper: Weiss RAL 9003 (W03)

Zubehör

Stecker

Befestigungsklammern

Sicherungsseil

FR

Montage

Plafonnier encastrable
PVx/PRx - Un faux plafond
PBx - Un plafond en plâtre

Source lumineuse

Lampe fluorescente linéaire (FDH)

Système optique

Grille parabolique poli/mat

PAR-V2/PAR MAT-V2 (PL2/ML2)

Équipement électrique

Ballast électronique FIX/DALI (ECG/EDA)

Variante de l'unité de secours (1H/3H)

Matériels

Corps: tôle d'acier

Grille parabolique: aluminium poli/mat

Plaque du fond: tôle d'acier solide

(DECOR L1)/perforée (DECOR L2)

Finition de surface

Corps: blanc RAL 9003 (W03)

Accessoires

Connecteurs

Supports de montage

Fil de sécurité

SK

Montáž

Vsadené
PVx/PRx - Kazetový strop
PBx - Sádkartonový strop

Svetelný zdroj

Lineárna fluorescenčná žiarivka (FDH)

Optický systém

Leštená/matná parabolická mriežka

PAR-V2/PAR MAT-V2 (PL2/ML2)

Elektrická výbava

Elektronický predradník FIX/DALI (ECG/EDA)

Varianta s núdzovou jednotkou (1H/3H)

Material

Teleso: oceľový plech

Parabolická mriežka: leštený/matný hliník

Spodná časť: oceľový plech plný

(DECOR L1)/dierkovaný (DECOR L2)

Povrchová úprava

Teleso: biela RAL 9003 (W03)

Príslušenstvo

Konektory

Montážne držiaky

Poistné lanko

ES

Montaje

Empotradas en el techo
PVx/PRx - Techo T
PBx - Techo de escayola

Fuente luminica

Lámpara fluorescente lineal (FDH)

Sistema óptico

Rejilla parabólica pulida/mate

PAR-V2/PAR MAT-V2 (PL2/ML2)

Cableado

Equipo de control electrónico FIX/DALI (ECG/EDA)

Variante unidad de emergencia (1H/3H)

Material

Cuerpo: lámina de acero

Rejilla parabólica: aluminio mate/pulido

Parte inferior: lámina de acero sólido

(DECOR L1)/perforada (DECOR L2)

Tratamiento de la superficie

Cuerpo: blanco RAL 9003 (W03)

Accesorios

Conectores

Escuadras de montaje

Cable de seguridad

IT

Installazione

Ad incasso a soffitto
PVx/PRx - Struttura in vista
PBx - Struttura cartongesso

Sorgente luminosa

Lampada fluorescente lineare (FDH)

Sistema ottico

Griglia parabolica lucida/opaca

PAR-V2/PAR MAT-V2 (PL2/ML2)

Cablaggio

Ballast elettronico FIX/DALI (ECG/EDA)

Variante unità di emergenza (1H/3H)

Materiali

Corpo: lamina d'acciaio

Griglia parabolica: alluminio lucido o opaco

Schermi inferiori: lamina di metallo piena

(DECOR L1)/forata (DECOR L2)

Finitura

Corpo: bianco RAL 9003 (W03)

Accessori

Connettori

Supporti per installazione

Cavo di sicurezza

RU

Установка

Потолочная встроенная
PVx/PRx - Кассетный потолок
PBx - Гипсокартонный потолок

Источник света

Трубчатая люминесцентная лампа (FDH)

Оптическая система

Шлифованная/матовая параболическая решетка

PAR-V2/PAR MAT-V2 (PL2/ML2)

Электрическое оснащение

Электронный аппарат FIX/DALI (ECG/EDA)

блок аварийного освещения (1H/3H)

Материал

Корпус: листовая сталь

Параболическая решетка: шлифованный/матовый

алюминий

Нижний лист: листовая сталь сплошная

(DECOR L1)/или перфорированная (DECOR L2)

Отделка поверхности

Корпус: белый RAL 9003 (W03)

Аксессуары

Соединители

Монтажные кронштейны

Контрольная проволока

RECESSED LUMINAIRES

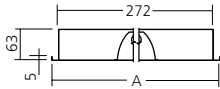
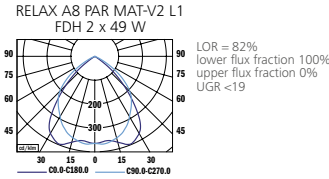
CONVENTIONAL LUMINAIRES

RELAX A8
PAR-V2 / PAR MAT-V2
FDH



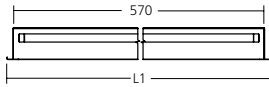
Relax A8

PHOTOMETRY

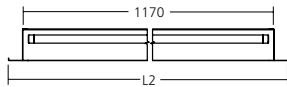


	A	L1	L2	L3
PV	296	595	1195	1495
PR	310	—	1245	1545
PB	318	616	1216	1516

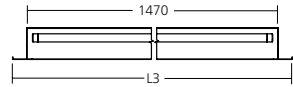
14 / 24 W



28 / 54 W



35 / 49 / 80 W



MOUNTING

PV (CEILING 600 x 600)



PR (CEILING 625 x 625)



PB



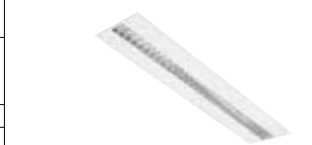
PB TYPES	O
14 / 24 W	580
28 / 54 W	1180
35 / 49 / 80 W	1480

TYPE	OPTICAL SYSTEM				POWER (W)	LIGHT SOURCE	LAMP HOLDER	EMERGENCY UNIT		EEC	WEIGHT (kg)
	LOUVRE PAR-V2	SHADE PAR MAT-V2	L1	L2				1H	3H		
RELAX A8	•	•	•	•	1 x 14	FDH	G5	•	•	A+ / A / B	2.7
RELAX A8	•	•	•	•	1 x 24	FDH	G5	•	•	A+ / A / B	2.7
RELAX A8	•	•	•	•	1 x 28	FDH	G5	•	•	A+ / A / B	5.2
RELAX A8	•	•	•	•	1 x 35	FDH	G5	•	•	A+ / A / B	6.6
RELAX A8	•	•	•	•	1 x 49	FDH	G5	•	•	A+ / A / B	6.6
RELAX A8	•	•	•	•	1 x 54	FDH	G5	•	•	A+ / A / B / C	5.2
RELAX A8	•	•	•	•	1 x 80	FDH	G5	•	•	A+ / A / B / C	6.6
RELAX A8	•	•	•	•	2 x 14	FDH	G5	•	•	A+ / A / B	2.7
RELAX A8	•	•	•	•	2 x 24	FDH	G5	•	•	A+ / A / B	2.7
RELAX A8	•	•	•	•	2 x 28	FDH	G5	•	•	A+ / A / B	5.2
RELAX A8	•	•	•	•	2 x 35	FDH	G5	•	•	A+ / A / B	6.6
RELAX A8	•	•	•	•	2 x 49	FDH	G5	•	•	A+ / A / B	6.6
RELAX A8	•	•	•	•	2 x 54	FDH	G5	•	•	A+ / A / B / C	5.2
RELAX A8	•	•	•	•	2 x 80	FDH	G5	•	•	A+ / A / B / C	6.6

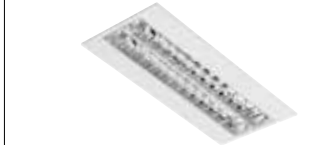
1 x 14 / 24 W



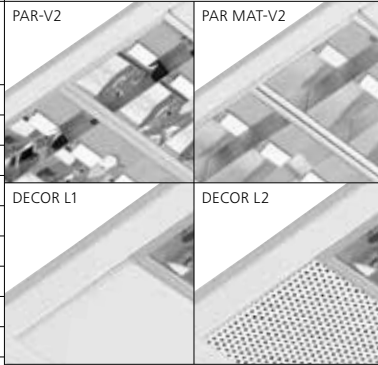
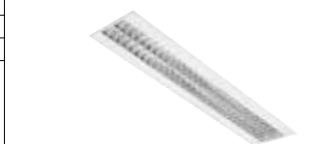
1 x 28 / 54 W



2 x 14 / 24 W



2 x 28 / 54 W



MOUNTING BRACKETS



EN

Mounting

Ceiling recessed
PVx/PRx - T-ceiling
PBx - Plasterboard ceiling

Light source

Linear fluorescent lamp (FDH)

Optical system

Polished/matt parabolic louvre

PAR-V2/PAR MAT-V2 (PL2/ML2)

Wiring

Electronic control gear FIX/DALI (ECG/EDA)

Emergency unit variant (1H/3H)

Materials

Housing: sheet steel

Parabolic louvre: polished/matt aluminium

Bottom sheet: sheet steel solid

(DECOR L1)/perforated (DECOR L2)

Surface finish

Housing: white RAL 9003 (W03)

Accessories

Connectors

Mounting brackets

Safety wire

DE

Montage

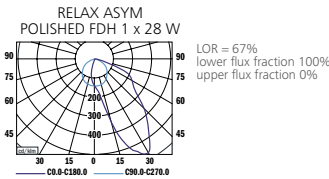
Einbauleuchte
PVx/PRx - Sichtbare T-schiene Decke
PBx - Rigips Decke

RELAX ASYM
POLISHED / MATT
FDH

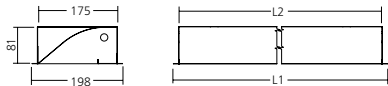


Relax Asym

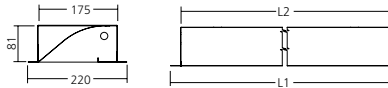
PHOTOMETRY



PV



PR / PB



	L1	L2
14 / 24 W	595	572
28 / 54 W	1195	1172

	L1	L2
14 / 24 W	620	572
28 / 54 W	1220	1172

MOUNTING

PV (CEILING 600 x 600)



PR (CEILING 625 x 625)



PB



PB TYPES

	O
14 / 24 W	580
28 / 54 W	1180

TYPE	OPTICAL SYSTEM		POWER (W)	LIGHT SOURCE	LAMP HOLDER	EMERGENCY UNIT		EEC	WEIGHT (kg)
	POLISHED	MATT				1H	3H		
RELAX ASYM	•	•	1 x 14	FDH	G5	-	-	A+ / A / B	2.0
RELAX ASYM	•	•	1 x 24	FDH	G5	-	-	A+ / A / B	2.0
RELAX ASYM	•	•	1 x 28	FDH	G5	•	•	A+ / A / B	3.6
RELAX ASYM	•	•	1 x 54	FDH	G5	•	•	A+ / A / B / C	3.6
RELAX ASYM	•	•	2 x 14	FDH	G5	-	-	A+ / A / B	2.0
RELAX ASYM	•	•	2 x 24	FDH	G5	-	-	A+ / A / B	2.0
RELAX ASYM	•	•	2 x 28	FDH	G5	•	•	A+ / A / B	3.6
RELAX ASYM	•	•	2 x 54	FDH	G5	•	•	A+ / A / B / C	3.6

POLISHED



MATT



MOUNTING BRACKETS



EN

Mounting

Ceiling recessed
PVx/PRx - T-ceiling
PBx - Plasterboard ceiling

Light source

Linear fluorescent lamp (FDH)

Optical system

Asymmetric polished/matt reflector (ASP/ASM)

Wiring

Electronic control gear FIX/DALI (ECG/EDA)

Emergency unit variant (1H/3H)

Materials

Housing: sheet steel

Reflector: polished/matt aluminium

Surface finish

Housing: white RAL 9003 (W03)

Accessories

Connectors

Mounting brackets

Safety wire

DE

Montage

Einbauleuchte
PVx/PRx - Sichtbare T-schiene Decke
PBx - Rigips Decke

Lichtquelle

Lineare Leuchtstofflampe (FDH)

Optisches System

Asymmetrischer polierter/matter Reflektor (ASP/ASM)

Vorschaltgerät

Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)

Notbeleuchtung Variante (1H/3H)

Material

Körper: Stahlblech

Reflektor: poliertes/mattes Aluminium

Oberflächenveredelung

Körper: Weiss RAL 9003 (W03)

Zubehör

Stecker

Befestigungsklammern

Sicherungsseil

FR

Montage

Plafonnier encastrable
PVx/PRx - Un faux plafond
PBx - Un plafond en plâtre

Source lumineuse

Lampe fluorescente linéaire (FDH)

Système optique

Reflecteur asymétrique poli/mat (ASP/ASM)

Équipement électrique

Ballast électronique FIX/DALI (ECG/EDA)

Variante de l'unité de secours (1H/3H)

Matériels

Corps: tôle d'acier

Reflecteur: aluminium poli/mat

Finition de surface

Corps: blanc RAL 9003 (W03)

Accessoires

Connecteurs

Supports de montage

Fil de sécurité

SK

Montáž

Vsadené
PVx/PRx - Kazetový strop
PBx - Sádrokartonový strop

Svetelný zdroj

Lineárna fluorescenčná žiarivka (FDH/FDH)

Optický systém

Asymetrický leštený/matný reflektor (ASP/ASM)

Elektrická výbava

Elektronický predradník FIX/DALI (ECG/EDA)

Varianta s núdzovou jednotkou (1H/3H)

Material

Teleso: oceľový plech

Reflektor: leštený/matný hliník

Povrchová úprava

Teleso: biela RAL 9003 (W03)

Príslušenstvo

Konektory

Montážne držiaky

Poistné lanko

ES

Montaje

Empotradas en el techo
PVx/PRx - Techo T
PBx - Techo de escayola

Fuente luminica

Lámpara fluorescente lineal (FDH)

Sistema óptico

Reflector pulido/mate asimétrica (ASP/ASM)

Cableado

Equipo de control electrónico FIX/DALI (ECG/EDA)

Variante unidad de emergencia (1H/3H)

Material

Cuerpo: lámina de acero

Reflector: aluminio pulido/mate

Tratamiento de la superficie

Cuerpo: blanco RAL 9003 (W03)

Accesorios

Conectores

Escuadras de montaje

Cable de seguridad

IT

Installazione

Ad incasso a soffitto
PVx/PRx - Struttura in vista
PBx - Struttura cartongesso

Sorgente luminosa

Lampada fluorescente lineare (FDH)

Sistema ottico

Riflettore asimmetrico lucido/opaco (ASP/ASM)

Cablaggio

Ballast elettronico FIX/DALI (ECG/EDA)

Variante unità di emergenza (1H/3H)

Materiali

Corpo: lamina d'acciaio

Riflettore: alluminio lucido/opaco

Finitura

Corpo: bianco RAL 9003 (W03)

Accessori

Connettori

Supporti per installazione

Cavo di sicurezza

RU

Установка

Потолочная встроенная
PVx/PRx - Кассетный потолок
PBx - Гипсокартонный потолок

Источник света

Трубчатая люминесцентная лампа (FDH)

Оптическая система

Асимметричного полированный/матовый отражателя (ASP/ASM)

Электрическое оснащение

Электронный аппарат FIX/DALI (ECG/EDA)

блок аварийного освещения (1H/3H)

Материал

Корпус: листовая сталь

Отражатель: шлифованный/матовый алюминий

Отделка поверхности

Корпус: белый RAL 9003 (W03)

Аксессуары

Соединители

Монтажные кронштейны

Контрольная проволока

RELAX DIF
OPAL / PRISMA
FDH



Relax Dif



EN

Mounting
Ceiling recessed
PVx/PRx - T-ceiling
PBx - Plasterboard ceiling
Light source
Linear fluorescent lamp (FDH)
Optical system
Opal/prismatic diffuser (OPD/PRD)
Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Emergency unit variant (1H/3H)
Materials
Housing: sheet steel
Diffuser: opal/prismatic PMMA
Surface finish
Housing: white RAL 9003 (W03)
Accessories
Connectors
Mounting brackets
Safety wire

DE

Montage
Einbauleuchte
PVx/PRx - Sichtbare T-schiene Decke
PBx - Rigips Decke
Lichtquelle
Lineare Leuchtstofflampe (FDH)
Optisches System
Opal/prismatisches Diffusor (OPD/PRD)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Notbeleuchtung Variante (1H/3H)
Material
Körper: Stahlblech
Diffusor: opal/mikroprismatisches PMMA
Oberflächenveredelung
Körper: Weiss RAL 9003 (W03)
Zubehör
Stecker
Befestigungsklammern
Sicherungsseil

FR

Montage
Plafonnier encastrable
PVx/PRx - Un faux plafond
PBx - Un plafond en plâtre
Source lumineuse
Lampe fluorescente linéaire (FDH)
Système optique
Diffuseur opale/prismatique (OPD/PRD)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Variante de l'unité de secours (1H/3H)
Matériels
Corps: tôle d'acier
Diffuseur: PMMA opale/prismatique
Finition de surface
Corps: blanc RAL 9003 (W03)
Accessoires
Connecteurs
Supports de montage
Fil de sécurité

SK

Montáž
Vsadené
PVx/PRx - Kazetový strop
PBx - Sádkartonový strop
Svetelný zdroj
Lineárna fluorescenčná žiarivka (FDH)
Optický systém
opálový/prizmatický difúzor (OPD/PRD)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Varianta s núdzovou jednotkou (1H/3H)
Material
Teleso: oceľový plech
Difúzor: opálový/mikroprizmatický PMMA
Povrchová úprava
Teleso: biela RAL 9003 (W03)
Príslušenstvo
Konektory
Montážne držiaky
Poistné lanko

ES

Montaje
Empotradas en el techo
PVx/PRx - Techo T
PBx - Techo de escayola
Fuente luminica
Lámpara fluorescente lineal (FDH)
Sistema óptico
Difusor opalescente/prismático (OPD/PRD)
Cableado
Equipo de control electrónico FIX/DALI (ECG/EDA)
Variante unidad de emergencia (1H/3H)
Material
Cuerpo: lámina de acero
Difusor: ópalo/prismático PMMA
Tratamiento de la superficie
Cuerpo: blanco RAL 9003 (W03)
Accesorios
Conectores
Escuadras de montaje
Cable de seguridad

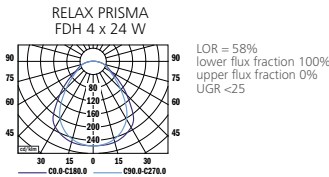
IT

Installazione
Ad incasso a soffitto
PVx/PRx - Struttura in vista
PBx - Struttura cartongesso
Sorgente luminosa
Lampada fluorescente lineare (FDH)
Sistema ottico
diffusore opale/prismatico (OPD/PRD)
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Variante unità di emergenza (1H/3H)
Materiali
Corpo: lamina d'acciaio
Diffusore: PMMA prismatico/opale
Finitura
Corpo: bianco RAL 9003 (W03)
Accessori
Connettori
Supporti per installazione
Cavo di sicurezza

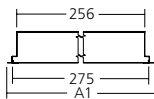
RU

Установка
Потолочная встроенная
PVx/PRx - Кассетный потолок
PBx - Гипсокартоновый потолок
Источник света
Трубчатая люминесцентная лампа (FDH)
Оптическая система
Матовый/микропризматический Рассеиватель (OPD/PRD)
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Блок аварийного освещения (1H/3H)
Материал
Корпус: листовая сталь
Рассеиватель: матовый/призматический полиметилметакрилат
Отделка поверхности
Корпус: белый RAL 9003 (W03)
Аксессуары
Соединители
Монтажные кронштейны
Контрольная проволока

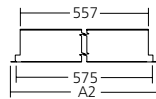
PHOTOMETRY



2 x

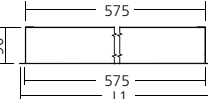


3 x / 4 x

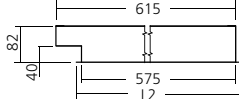


	A1	A2 / L1	L2	L3
PV	295	595	595	1195
PR	310	622	620	1240
PB	320	622	620	1220

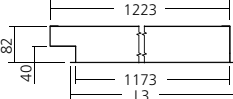
3 x / 4 x 14 / 24 W



2 x 14 / 24 W



28 / 54 W



MOUNTING

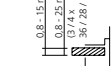
PV (CEILING 600 x 600)



PR (CEILING 625 x 625)



PB



O1



O2



PB TYPES	O1 x O2
2 x 14 / 24 W	285 x 585
3 x / 4x 14 / 24 W	580 x 580
2 x 28 / 54 W	285 x 1180
3 x / 4 x 28 / 54 W	585 x 1185

OPAL



PRISMA



MOUNTING BRACKETS



RECESSED LUMINAIRES

CONVENTIONAL LUMINAIRES

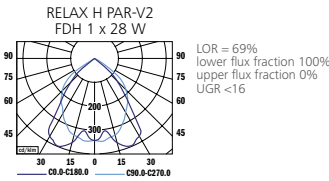
RELAX H

PAR-V2 / PAR MAT-V2 / DIF
FDH



Relax H

PHOTOMETRY



1 / 2 x 35 / 49 W



PAR-V2

PAR MAT-V2

OPAL

PRISMA

MOUNTING BRACKETS



RECESSED LUMINAIRES

MOUNTING



PB TYPES	O
14 / 24 W	580
28 / 54 W	1180
35 / 49 W	1480

TYPE	OPTICAL SYSTEM				POWER	LIGHT SOURCE	LAMP HOLDER	EMERGENCY UNIT		EEC	WEIGHT
	LOUVRE		DIFFUSER					1H	3H		
	PAR-V2	PAR MAT-V2	OPAL	PRISMA							
RELAX H	•	•	•	•	1 x 14	FDH	G5	•	•	A+ / A / B	1.3
RELAX H	•	•	•	•	1 x 24	FDH	G5	•	•	A+ / A / B	1.3
RELAX H	•	•	•	•	1 x 28	FDH	G5	•	•	A+ / A / B	2.3
RELAX H	•	•	•	•	1 x 35	FDH	G5	•	•	A+ / A / B	3.0
RELAX H	•	•	•	•	1 x 49	FDH	G5	•	•	A+ / A / B	3.0
RELAX H	•	•	•	•	1 x 54	FDH	G5	•	•	A+ / A / B / C	2.3
RELAX H	•	•	•	•	1 x 80	FDH	G5	-	-	A+ / A / B / C	3.0
RELAX H	•	•	•	•	2 x 14	FDH	G5	•	•	A+ / A / B	1.4
RELAX H	•	•	•	•	2 x 24	FDH	G5	•	•	A+ / A / B	1.4
RELAX H	•	•	•	•	2 x 28	FDH	G5	•	•	A+ / A / B	2.4
RELAX H	•	•	•	•	2 x 35	FDH	G5	•	•	A+ / A / B	3.1
RELAX H	•	•	•	•	2 x 49	FDH	G5	•	•	A+ / A / B	3.1
RELAX H	•	•	•	•	2 x 54	FDH	G5	•	•	A+ / A / B / C	2.4



EN	DE
Mounting Ceiling recessed PBx - Plasterboard ceiling Light source Linear fluorescent lamp (FDH) Optical system Opal/prismatic diffuser (OPD/PRD) Polished/matt parabolic louvre PAR-V2/PAR MAT-V2 (PL2/ML2) Wiring Electronic control gear FIX/DALI (ECG/EDA) Emergency unit variant (1H/3H) Materials Housing: sheet steel Parabolic louvre: polished/matt aluminium Diffuser: opal/prismatic polycarbonate Surface finish Housing: white RAL 9003 (W03) Accessories Connectors Mounting brackets Safety wire	Montage Einbauleuchte PBx - Rigips Decke Lichtquelle Lineare Leuchtstofflampe (FDH) Optisches System Opal/prismatisches Diffusor (OPD/PRD) Polierter/matter parabolischer Raster PAR-V2/PAR MAT-V2 (PL2/ML2) Vorschaltgerät Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA) Notbeleuchtung Variante (1H/3H) Material Körper: Stahlblech Parabolischer Raster: poliertes/mattes Aluminium Diffusor: opal/prismatisches Polycarbonat Oberflächenveredelung Körper: Weiss RAL 9003 (W03) Zubehör Stecker Befestigungsklammern Sicherungsseil

FR	SK
Montage Plafonnier encastrable PBx - Sádokartonový strop Source lumineuse Lampe fluorescente linéaire (FDH) Système optique Diffuseur opale/prismatique (OPD/PRD) Grille parabolique poli/mat PAR-V2/PAR MAT-V2 (PL2/ML2) Équipement électrique Ballast électronique FIX/DALI (ECG/EDA) Variante de l'unité de secours (1H/3H) Matériels Corps: tôle d'acier Grille parabolique: aluminium poli/mat Diffuseur: polycarbonate opale/prismatique Finition de surface Corps: blanc RAL 9003 (W03) Accessoires Connecteurs Supports de montage Fil de sécurité	Montáž Vsadené PBx - Sádokartonový strop Svetelný zdroj Lineárna fluorescenčná žiarivka (FDH) Optický systém Opálový/prizmatický difúzor (OPD/PRD) Leštená/matná parabolická mriežka PAR-V2/PAR MAT-V2 (PL2/ML2) Elektrická výbava Elektronický predradník FIX/DALI (ECG/EDA) Varianta s núdzovou jednotkou (1H/3H) Matériál Teleso: oceľový plech Parabolická mriežka: leštený/matný hliník Difúzor: opálový/prizmatický polykarbonát Povrchová úprava Teleso: biela RAL 9003 (W03) Príslušenstvo Konektory Montážne držiaky Poistné lanko

ES	IT
Montaje Empotradas en el techo PBx - Techo de escayola Fuente luminica Lámpara fluorescente lineal (FDH) Sistema óptico Difusor opalescente/prismático (OPD/PRD) Rejilla parabólica pulida/mate PAR-V2/PAR MAT-V2 (PL2/ML2) Cableado Equipo de control electrónico FIX/DALI (ECG/EDA) Variante unidad de emergencia (1H/3H) Material Cuerpo: lámina de acero Rejilla parabólica: aluminio mate/pulido Difusor: ópalo/polícarbonato prismático Tratamiento de la superficie Cuerpo: blanco RAL 9003 (W03) Accesorios Conectores Escuadras de montaje Cable de seguridad	Installazione Ad incasso a soffitto PBx - Struttura cartongesso Sorgente luminosa Lampada fluorescente lineare (FDH) Sistema ottico diffusore opale/prismatico (OPD/PRD) Griglia parabolica lucida/opaca PAR-V2/PAR MAT-V2 (PL2/ML2) Cablaggio Ballast elettronico FIX/DALI (ECG/EDA) Variante unità di emergenza (1H/3H) Materiali Corpo: lamina d'acciaio Griglia parabolica: alluminio lucido o opaco Diffusore: polcarbonato prismatico/opale Finitura Corpo: bianco RAL 9003 (W03) Accessori Connettori Supporti per installazione Cavo di sicurezza

RU
Установка Потолочная встроенная PBx - Гипсокартонный потолок Источник света Трубчатая люминесцентная лампа FD/(FDH) (T8/T5) Оптическая система матовый/микропризматический Рассеиватель (OPD/PRD) Шлифованная/матовая параболическая решетка PAR-V2/PAR MAT-V2 (PL2/ML2) Электрическое оснащение Электронный аппарат FIX/DALI (ECG/EDA) блок аварийного освещения (1H/3H) Материал Корпус: листовая сталь Параболическая решетка: шлифованный/матовый алюминий Рассеиватель: матовый/призматический поликарбонат Отделка поверхности Корпус: белый RAL 9003 (W03) Аксессуары Соединители Монтажные кронштейны Контрольная проволока

CONVENTIONAL LUMINAIRES

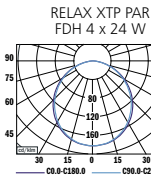
RELAX XTP IP54

DIF
FDH



Relax XTP IP54

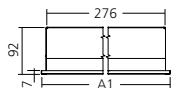
PHOTOMETRY



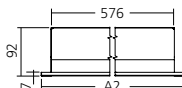
LOR = 50%
lower flux fraction 100%
upper flux fraction 0%
UGR <25



PV / PR 2 x

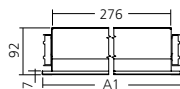


PV / PR 3 x / 4 x

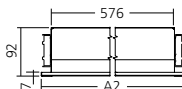


	A1	A2	L1	L2
PV	295	595	595	1195
PR	310	622	622	1245
PB	322	622	622	1222

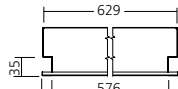
PB 2 x



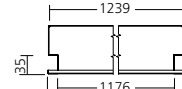
PB 3 x / 4 x



PV / PR / PB 14 / 24 W



PV / PR / PB 28 / 54 W



MOUNTING

PV (CEILING 600 x 600)



PR (CEILING 625 x 625)



PB



PB TYPES

	O1 x O2
2 x 28 / 54 W	310 x 1210
3 x / 4 x 14 / 24 W	585 x 1185
3 x / 4 x 28 / 54 W	610 x 1210

MOUNTING BRACKETS



TYPE	OPTICAL SYSTEM		POWER (W)	LIGHT SOURCE	LAMP HOLDER	EMERGENCY UNIT		EEC	WEIGHT (kg)
	OPAL	PRISMA				1H	3H		
RELAX XTP	•	•	2 x 28	FDH	G5	•	•	A+ / A / B	8.4
RELAX XTP	•	•	2 x 54	FDH	G5	•	•	A+ / A / B / C	8.4
RELAX XTP	•	•	3 x 14	FDH	G5	•	•	A+ / A / B	8.2
RELAX XTP	•	•	3 x 24	FDH	G5	•	•	A+ / A / B	8.2
RELAX XTP	•	•	4 x 14	FDH	G5	•	•	A+ / A / B	8.4
RELAX XTP	•	•	4 x 24	FDH	G5	•	•	A+ / A / B	8.4
RELAX XTP	•	•	4 x 28	FDH	G5	•	•	A+ / A / B	14.6
RELAX XTP	•	•	4 x 54	FDH	G5	•	•	A+ / A / B / C	14.6

XTP OPAL IP54



EN

Mounting

Ceiling recessed
PVx/PRx - T-ceiling
PBx - Plasterboard ceiling

Light source

Linear fluorescent lamp (FDH)

Optical system

Opal/microprismatic diffuser (OPD/MCD)

Wiring

Electronic control gear FIX/DALI (ECG/EDA)

Emergency unit variant (1H/3H)

Materials

Housing: sheet steel

Diffuser: opal/prismatic polycarbonate

Frame: elox aluminium

Cover: transparent PC/transparent hardened glass

Surface finish

Housing: white RAL 9003 (W03)

Accessories

Connectors

Mounting brackets

Safety wire

DE

Montage

Einbauleuchte
PVx/PRx - Sichtbare T-schiene Decke
PBx - Rigips Decke

Lichtquelle

Lineare Leuchtstofflampe (FDH)

Optisches System

Opal/mikroprismatischer Diffusor (OPD/MCD)

Vorschaltgerät

Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)

Notbeleuchtung Variante (1H/3H)

Material

Körper: Stahlblech

Diffusor: opal/prismatisches Polykarbonat

Rahmen: Strangpress-Aluminium

Abdeckung: transp. PC/transparentes Hartglass

Oberflächenveredelung

Körper: Weiss RAL 9003 (W03)

Zubehör

Stecker

Befestigungsklammern

Sicherungsseil

FR

Montage

Plafonnier encastrable
PVx/PRx - Un faux plafond
PBx - Un plafond en plâtre

Source lumineuse

Lampe fluorescente linéaire (FDH)

Système optique

Diffuseur opale/microprisme (OPD/MCD)

Équipement électrique

Ballast électronique FIX/DALI (ECG/EDA)

Variante de l'unité de secours (1H/3H)

Matériels

Corps: tôle d'acier

Diffuseur: polycarbonate opale/prismatique

Cadre: aluminium elox

Couvercle: transp. PC/verre trempé transparent

Finition de surface

Corps: blanc RAL 9003 (W03)

Accessoires

Connecteurs

Supports de montage

Fil de sécurité

SK

Montáž

Vsadené
PVx/PRx - Kazetový strop
PBx - Sádrokartonový strop

Svetelný zdroj

Lineárna fluorescenčná žiarivka (FDH)

Optický systém

Opalový/mikroprizmatický difúzor (OPD/MCD)

Elektrická výbava

Elektronický predradník FIX/DALI (ECG/EDA)

Varianta s núdzovou jednotkou (1H/3H)

Material

Teleso: oceľový plech

Difúzor: opalový/prizmatický polykarbonát

Rám: eloxovaný hliník

Kryt: transparentný PC/transparentné tvrdené sklo

Povrchová úprava

Teleso: biela RAL 9003 (W03)

Príslušenstvo

Konektory

Montážne držiaky

Poistné lanko

ES

Montaje

Empotradas en el techo
PVx/PRx - Techo T
PBx - Techo de escayola

Fuente luminica

Lámpara fluorescente lineal (FDH)

Sistema óptico

Difusor ópalo/microprismático (OPD/MCD)

Cableado

Equipo de control electrónico FIX/DALI (ECG/EDA)

Variante unidad de emergencia (1H/3H)

Material

Cuerpo: lámina de acero

Difusor: ópalo/polycarbonato prismático

Marco: aluminio elox

Cubierta: transp. PC/vidrio templado transparente

Tratamiento de la superficie

Cuerpo: blanco RAL 9003 (W03)

Accesorios

Conectores

Escuadras de montaje

Cable de seguridad

IT

Installazione

Ad incasso a soffitto
PVx/PRx - Struttura in vista
PBx - Struttura cartongesso

Sorgente luminosa

Lampada fluorescente lineare (FDH)

Sistema ottico

Diffusore opale/microprismatico (OPD/MCD)

Cablaggio

Ballast elettronico FIX/DALI (ECG/EDA)

Variante unità di emergenza (1H/3H)

Materiali

Corpo: lamina d'acciaio

Diffusore: polycarbonato prismatico/opale

Cornice: di alluminio elox

Copertura: transp. PC/vetro temperato trasparente

Finitura

Corpo: bianco RAL 9003 (W03)

Accessori

Connettori

Supporti per installazione

Cavo di sicurezza

RU

Установка

Потолочная встроенная
PVx/PRx - Кассетный потолок
PBx - Гипсокартонный потолок

Источник света

Трубчатая люминесцентная лампа (FDH)

Оптическая система

Матовый/микрпризм. рассеиватель (OPD/MCD)

Электрическое оснащение

Электронный аппарат FIX/DALI (ECG/EDA)

Блок аварийного освещения (1H/3H)

Материал

Корпус: листовая сталь

Рассеиватель: матовый/призматический поликарбонат

Каркас: протравленный алюминий

Крышка: прозрачный PC/прозрачное закаленное стекло

Отделка поверхности

Корпус: белый RAL 9003 (W03)

Аксессуары

Соединители

Монтажные кронштейны

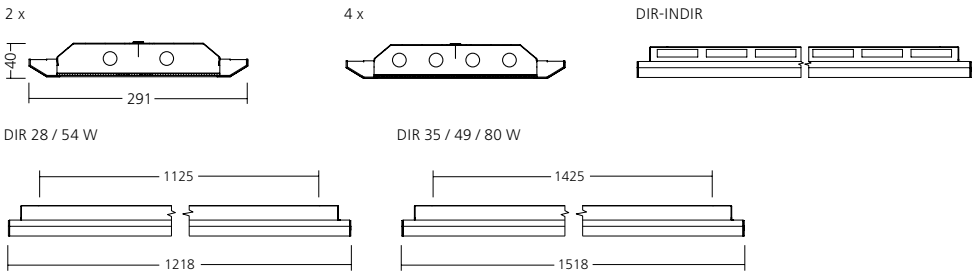
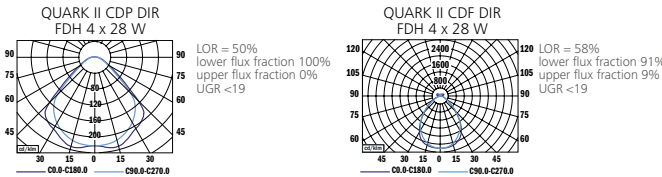
Контрольная проволока

QUARK II
MICROPRISMA CDP / CDF
FDH



Quark II

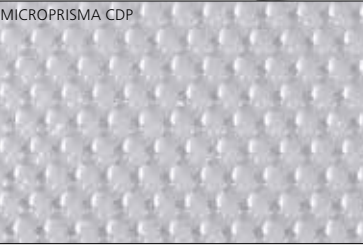
PHOTOMETRY



MOUNTING



TYPE	OPTICAL SYSTEM		POWER (W)	LIGHT SOURCE	LAMP HOLDER	EEC	WEIGHT (kg)
	CDP	CDF					
QUARK II	•	•	2 x 28	FDH	G5	A+ / A / B	5.5
QUARK II	•	•	2 x 35	FDH	G5	A+ / A / B	6.6
QUARK II	•	•	2 x 49	FDH	G5	A+ / A / B	6.6
QUARK II	•	•	2 x 54	FDH	G5	A+ / A / B / C	5.5
QUARK II	•	•	2 x 80	FDH	G5	A+ / A / B / C	6.7
QUARK II	•	•	4 x 28	FDH	G5	A+ / A / B	5.8
QUARK II	•	•	4 x 35	FDH	G5	A+ / A / B	6.7
QUARK II	•	•	4 x 49	FDH	G5	A+ / A / B	6.7



MICROPRISMA CDP



SURFACED AND SUSPENDED LUMINAIRES



220-240V
50-60Hz

FDH
E11/G5

ECG

EDA
DALI



EN

Mounting
Ceiling surfaced/suspended (SSx)
Light source
Linear fluorescent lamp (FDH)
Light distribution
Direct
Direct-indirect
Optical system
Microprismatic diffuser (CDP/CDF)
Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Materials
Housing: sheet steel + extruded aluminium
Diffuser: PC with microprismatic finish CDP
(version with opal foil CDP DIF)
Surface finish
Housing: grey RAL 9006 (G06)
Accessories
Rope suspension
Sensor

DE

Montage
Deckenleuchte/Hängend (SSx)
Lichtquelle
Lineare Leuchtstofflampe (FDH)
Lichtverteilung
Direkt
Direkt-indirekt
Optisches System
Mikroprismatischer Diffusor (CDP/CDF)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Material
Körper: Stahlblech + extrudiertes Aluminium
Diffusor: PC mit Prismen Oberfläche CDP
(Version mit Opal Folie CDP DIF)
Oberflächenveredelung
Körper: grau RAL 9006 (G06)
Zubehör
Seilaufhängung
Sensor

FR

Montage
Plafonnier apparent/suspendu (SSx)
Source lumineuse
Lampe fluorescente linéaire (FDH)
Distribution de la lumière
Directe
Directe-indirecte
Système optique
Diffuseur microprisme (CDP/CDF)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Matériels
Corps: tôle d'acier + aluminium extrudé
Diffuseur: PC avec finition prismatique CDP
(version avec diffuseur opale CDP DIF)
Finition de surface
Corps: gris RAL 9006 (G06)
Accessoires
Câble de suspension
Capteur

SK

Montáž
Prisadené/závesné (SSx)
Svetelný zdroj
Lineárna fluorescenčná žiarivka (FDH)
Distribúcia svetla
Priama
Priama-nepriama
Optický systém
Mikroprizmatický difúzor (CDP/CDF)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Matériál
Teleso: oceľový plech + extrudovaný hliník
Difúzor: PC s mikropriзмatickou úpravou CDP
(verzia s opálovou fóliou CDP DIF)
Povrchová úprava
Teleso: seda RAL 9006 (G06)
Príslušenstvo
Lankový záves
Senzor

ES

Montaje
Sobrepuestas en el techo/suspendidas (SSx)
Fuente luminica
Lámpara fluorescente lineal (FDH)
Distribución de la luz
Directa
Directa-indirecta
Sistema óptico
Difusor microprismático (CDP/CDF)
Cableado
Equipo de control electrónico FIX/DALI (ECG/EDA)
Material
Cuerpo: lámina de acero + aluminio extruido
Difusor: PC con acabado prismático CDP
(versión con lámina opal CDP DIF)
Tratamiento de la superficie
Cuerpo: gris RAL 9006 (G06)
Accesorios
Cable de suspensión
Sensor

IT

Installazione
A plafone/A sospensione (SSx)
Sorgente luminosa
Lampada fluorescente lineare (FDH)
Distribuzione della luce
Diretta
Diretta-indiretta
Sistema ottico
Diffusore microprismatico (CDP/CDF)
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Materiali
Corpo: lamina d'acciaio + estruso di alluminio
Diffusore: PC con finitura prismatica CDP
(versione con opale foglio CDP DIF)
Finitura
Corpo: grigio RAL 9006 (G06)
Accessori
Cavo di sospensione
Sensore

RU

Установка
Потолочная накладная/Подвесная (SSx)
Источник света
Трубчатая люминесцентная лампа (FDH)
Распределение света
Прямое
Прямое-косвенный
Оптическая система
микропризматический рассеиватель (CDP/CDF)
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Материал
Корпус: листовая сталь + экструдированный алюминий
Рассеиватель: ПЛС с микропризматической отделкой CDP
(версия с опалом фольги CDP DIF)
Отделка поверхности
Корпус: серый RAL 9006 (G06)
Аксессуары
Тросовый подвес
Датчик

CONVENTIONAL LUMINAIRES

LAMBDA

PAR-V2 / PAR MAT-V2 / DIF / ASYM
FDH

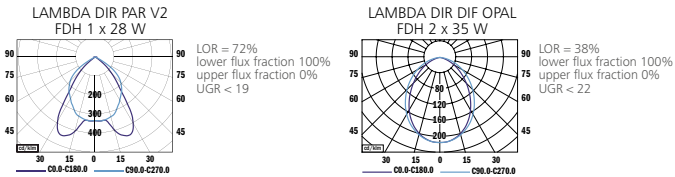


Lambda

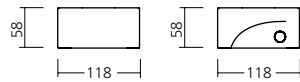


EN	DE	FR	SK	ES	IT	RU
Mounting Ceiling surfaced/suspended (SSx) Light source Linear fluorescent lamp (FDH) Optical system Polished/matt parabolic louvre PAR-V2/PAR MAT-V2 (PL2/ML2) Asymmetric polished reflector (ASP) Opal/micropismatic diffuser (OPD/MCD) Light distribution Direct Direct-indirect Asymmetric Wiring Electronic control gear FIX/DALI (ECG/EDA) Emergency unit variant (1H/3H) Materials Housing: sheet steel Parabolic louvre: polished/matt aluminium Reflector: polished anodised aluminium Diffuser: opal/micropismatic polycarbonate Surface finish Housing: grey RAL 9006 (G06) Accessories Rope suspension, Pull switch	Montage Deckenleuchte/Hängend (SSx) Lichtquelle Lineare Leuchtstofflampe (FDH) Optisches System Polierter/matter parabolischer Raster PAR-V2/PAR MAT-V2 (PL2/ML2) Asymmetrischer polierter Reflektor (ASP) Opal/mikroprismatisches Diffusor (OPD/MCD) Lichtverteilung Direkt Direkt-indirekt Asymmetrisch Vorschaltgerät Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA) Notbeleuchtung Variante (1H/3H) Material Körper: Stahlblech Parabolischer Raster: poliertes/mattes Aluminium Reflektor: polierte eloxiertes Aluminium Diffusor: opal/mikroprismatisches Polycarbonat Oberflächenveredelung Körper: grau RAL 9006 (G06) Zubehör Seilaufhängung, Zugschalter	Montage Plafonnier apparent/suspendu (SSx) Source lumineuse Lampe fluorescente linéaire (FDH) Système optique Grille parabolique poli/mat PAR-V2/PAR MAT-V2 (PL2/ML2) Réflecteur asymétrique poli (ASP) Diffuseur opale/microprismatique (OPD/MCD) Distribution de la lumière Directe Directe-indirecte Asymétrique Équipement électrique Ballast électronique FIX/DALI (ECG/EDA) Variante de l'unité de secours (1H/3H) Matériels Corps: tôle d'acier Grille parabolique: aluminium poli/mat Reflektor: aluminium anodisé poli Diffuseur: polycarbonate opale/microprismatique Finition de surface Corps: gris RAL 9006 (G06) Accessoires Câble de suspension, Interrupteur	Montáž Prisadené/závesné (SSx) Svetelný zdroj Lineárna fluorescenčná žiarivka (FDH) Optický systém Leštená/matná parabolická mriežka PAR-V2/PAR MAT-V2 (PL2/ML2) Asymetrický leštený reflektor (ASP) Opalový/mikroprizmatický difúzor (OPD/MCD) Distribúcia svetla Priama Priama-nepriama Asymetrická Elektrická výbava Elektronický predradník FIX/DALI (ECG/EDA) Varianta s núdzovou jednotkou (1H/3H) Matériál Teleso: oceľový plech Parabolická mriežka: leštený/matný hliník Reflektor: leštený anodizovaný hliník Difúzor: opalový/mikroprizmatický polykarbonát Povrchová úprava Teleso: šedá RAL 9006 (G06) Príslušenstvo Lankový záves, Ťahový vypínač	Montaje Sobrepuestas en el techo/suspendidas (SSx) Fuente luminica Lámpara fluorescente lineal (FDH) Sistema óptico Rejilla parabólica pulida/mate PAR-V2/PAR MAT-V2 (PL2/ML2) Reflector pulido asimétrica (ASP) Difusor opalescente/microprismático (OPD/MCD) Distribución de la luz Directa Directa-indirecta Asimétrica Cableado Equipo de control electrónico FIX/DALI (ECG/EDA) Variante unidad de emergencia (1H/3H) Material Cuerpo: lámina de acero Rejilla parabólica: aluminio mate/pulido Reflector: aluminio anodizado pulido Difusor: ópalo/polycarbonato microprismático Tratamiento de la superficie Cuerpo: gris RAL 9006 (G06) Accesorios Cable de suspensión, Cable de tracción	Installazione A plafone/A sospensione (SSx) Sorgente luminosa Lampada fluorescente lineare (FDH) Sistema ottico Griglia parabolica lucida/opaca PAR-V2/PAR MAT-V2 (PL2/ML2) Riflettore asimmetrico lucido (ASP) Diffusore opale/microprismatico (OPD/MCD) Distribuzione della luce Diretta Diretta-indiretta Asimmetrica Cablaggio Ballast elettronico FIX/DALI (ECG/EDA) Variante unità di emergenza (1H/3H) Materiali Corpo: lamina d'acciaio Griglia parabolica: alluminio lucido o opaco Riflettore: alluminio anodizzato lucido Diffusore: polycarbonato microprismatico/opale Finitura Corpo: grigio RAL 9006 (G06) Accessori Cavo di sospensione, Interruttore a trazione	Установка Потолочная накладная/Подвесная (SSx) Источник света Трубчатая люминесцентная лампа (FDH) Оптическая система Шлифованная/матовая параболическая решетка PAR-V2/PAR MAT-V2 (PL2/ML2) Асимметричного полированного отражателя (ASP) Матовый/микропризматический Рассеиватель (OPD/MCD) Распределение света Прямое Прямое-косвенный Асимметричное Электрическое оснащение Электронный аппарат FIX/DALI (ECG/EDA) Блок аварийного освещения (1H/3H) Материал Корпус: листовая сталь Параболическая решетка: шлиф./матовый алюминий Отражатель: шлифованный анодированный алюминий Рассеиватель: матовый/микроприз. поликарбонат Отделка поверхности Корпус: серый RAL 9006 (G06) Аксессуары Тросовый подвес, Шнуровой выключатель

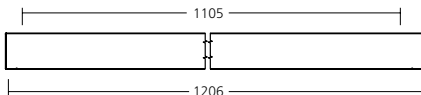
PHOTOMETRY



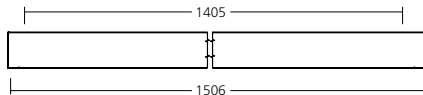
ASYM



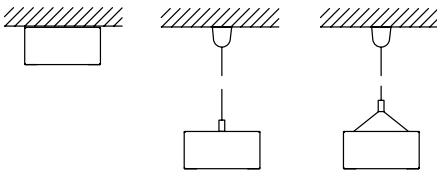
28 / 54 W



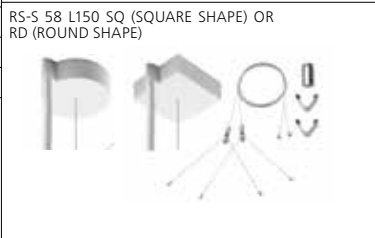
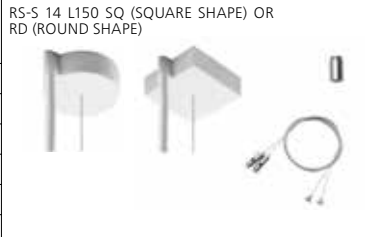
35 / 49 / 80 W



MOUNTING



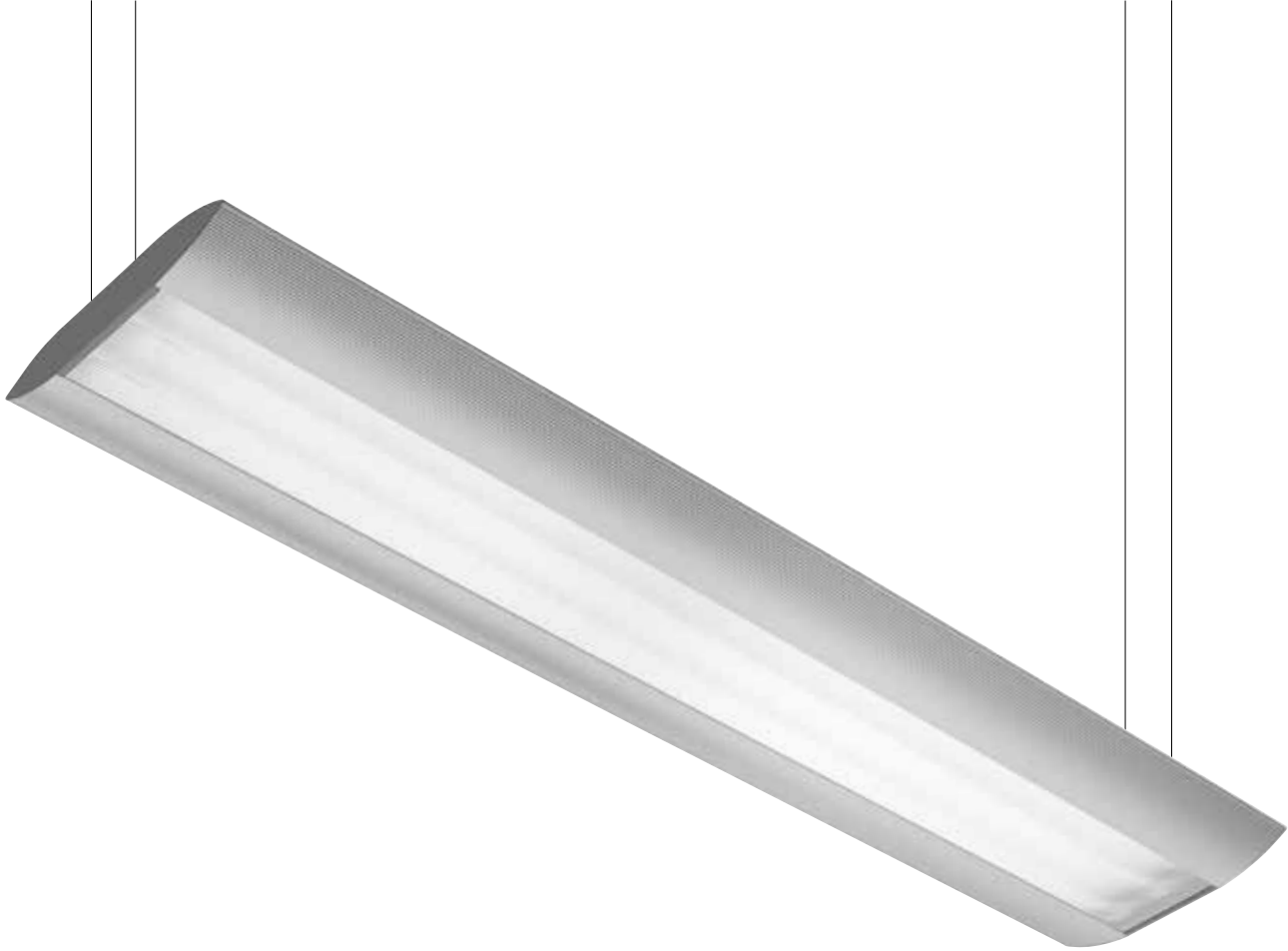
TYPE	OPTICAL SYSTEM					POWER (W)	LIGHT SOURCE	LAMP HOLDER	EMERGENCY UNIT		EEC	WEIGHT (kg)
	LOUVRE	DIFFUSER	REFLECTOR						1H	3H		
LAMBDA	PAR-V2	PAR MAT-V2	OPAL	MICROPRISMA	ASYM	1 x 28	FDH	G5	•	•	A+ / A / B	3.2
LAMBDA	•	•	•	•	•	1 x 35	FDH	G5	•	•	A+ / A / B	3.7
LAMBDA	•	•	•	•	•	1 x 49	FDH	G5	•	•	A+ / A / B	3.7
LAMBDA	•	•	•	•	•	1 x 54	FDH	G5	•	•	A+ / A / B / C	3.2
LAMBDA	•	•	•	•	•	1 x 80	FDH	G5	•	•	A+ / A / B / C	3.7
LAMBDA	•	•	•	•	-	2 x 28	FDH	G5	•	•	A+ / A / B	3.3
LAMBDA	•	•	•	•	-	2 x 35	FDH	G5	•	•	A+ / A / B	3.8
LAMBDA	•	•	•	•	-	2 x 49	FDH	G5	•	•	A+ / A / B	3.8
LAMBDA	•	•	•	•	-	2 x 54	FDH	G5	•	•	A+ / A / B / C	3.3
LAMBDA	•	•	•	•	-	2 x 80	FDH	G5	•	•	A+ / A / B / C	3.8



SURFACED AND SUSPENDED LUMINAIRES

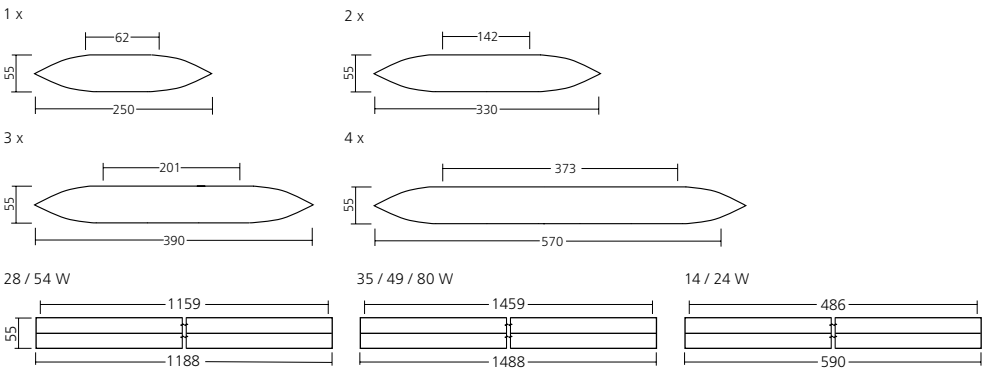
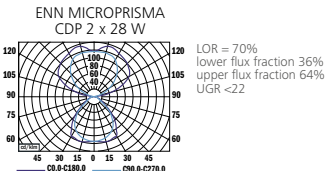
CONVENTIONAL LUMINAIRES

ENN
CDP / CDF
FDH

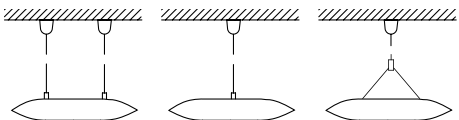


Enn Microprisma

PHOTOMETRY



MOUNTING



TYPE	OPTICAL SYSTEM			POWER (W)	LIGHT SOURCE	LAMP HOLDER	EMERGENCY UNIT		EEC	WEIGHT (kg)
	LDP	DIFFUSER CDP	CDF				1H	3H		
ENN MICROPRISMA	•	•	•	2 x 28	FDH	G5	•	•	A+ / A / B	5.3
ENN MICROPRISMA	•	•	•	2 x 35	FDH	G5	•	•	A+ / A / B	6.3
ENN MICROPRISMA	•	•	•	2 x 49	FDH	G5	•	•	A+ / A / B	6.3
ENN MICROPRISMA	•	•	•	2 x 54	FDH	G5	•	•	A+ / A / B / C	5.4
ENN MICROPRISMA	•	•	•	2 x 80	FDH	G5	•	•	A+ / A / B / C	6.4
ENN MICROPRISMA	•	•	•	3 x 28	FDH	G5	•	•	A+ / A / B	6.3
ENN MICROPRISMA	•	•	•	3 x 35	FDH	G5	•	•	A+ / A / B	7.3

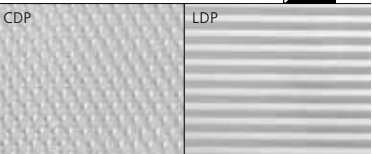
DIR-INDIR



MICROPRISMA 2 x



IP
40



RS-S 03 L150 SQ (SQUARE SHAPE) OR
RD (ROUND SHAPE)



RS-S 11 L150 SQ (SQUARE SHAPE) OR
RD (ROUND SHAPE)



RS-S 14 L150 SQ (SQUARE SHAPE) OR
RD (ROUND SHAPE)



EN

Mounting
Suspended (SSD)
Light source
Linear fluorescent lamp (FDH)
Optical system
Microprismatic diffuser (LDP/CDP/CDF)
Light distribution
Direct, Direct-indirect
Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Emergency unit variant (1H/3H)
Materials
Housing: sheet steel
End caps: sheet steel
Diffuser: PC with microprismatic finish LDP/CDP/
CDF (CDF with opal foil)
Surface finish
Housing: white RAL 9003 (W03)
Accessories
Rope suspension, Pull switch

DE

Montage
Hängend (SSD)
Lichtquelle
Lineare Leuchtstofflampe (FDH)
Optisches System
Mikroprismatischer Diffusor (LDP/CDP/CDF)
Lichtverteilung
Direkt, Direkt-indirekt
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Notbeleuchtung Variante (1H/3H)
Material
Körper: Stahlblech
Abschlüsse: Stahlblech
Diffusor: PC mit Prismen Oberfläche LDP/CDP/
CDF (version avec feuille opale CDP)
Oberflächenveredelung
Körper: Weiss RAL 9003 (W03)
Zubehör
Seilabhängung, Zugschalter

FR

Montage
Suspendu (SSD)
Source lumineuse
Lampe fluoescence linéaire (FDH)
Système optique
Diffuseur microprisme (LDP/CDP/CDF)
Distribution de la lumière
Directe, Directe-indirecte
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Variante de l'unité de secours (1H/3H)
Matériels
Corps: tôle d'acier
Extrémités: tôle d'acier
Diffuseur: PC avec finition prismatique LDP/CDP/
CDF (version avec pellicole opale CDP)
Finition de surface
Corps: blanc RAL 9003 (W03)
Accessoires
Câble de suspension, Interrupteur

SK

Montáž
Závěsné (SSD)
Svetelný zdroj
Lineárna fluoescenčná žiarivka (FDH)
Optický systém
Mikroprizmatický difúzor (LDP/CDP/CDF)
Distribúcia svetla
Priama, Priama-nepriama
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Varianta s núdzovou jednotkou (1H/3H)
Material
Teleso: oceľový plech
Koncovky: oceľový plech
Difúzor: PC s mikroprizmatickou úpravou
LDP/CDP/CDF (CDP verzia s opáľovou fóliou)
Povrchová úprava
Teleso: biela RAL 9003 (W03)
Príslušenstvo
Lankový záves, Ťahový vypínač

ES

Montaje
Suspendidas (SSD)
Fuente luminica
Lámpara fluoescence lineal (FDH)
Sistema óptico
Difusor microprismático (LDP/CDP/CDF)
Distribución de la luz
Directa, Directa-indirecta
Cableado
Equipo de control electrónico FIX/DALI (ECG/EDA)
Variante unidad de emergencia (1H/3H)
Material
Cuerpo: lámina de acero
Tapas en los extremos: lámina de acero
Diffusor: PC con finitura prismática LDP/CDP/CDF
(versione con pellicola opaca CDP)
Tratamiento de la superficie
Cuerpo: blanco RAL 9003 (W03)
Accesorios
Cable de suspensión, Cable de tracción

IT

Installazione
A sospensione (SSD)
Sorgente luminosa
Lampada fluoescence lineare (FDH)
Sistema ottico
Diffusore microprismatico (LDP/CDP/CDF)
Distribuzione della luce
Diretta, Diretta-indiretta
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Variante unità di emergenza (1H/3H)
Materiali
Corpo: lamina d'acciaio
Terminali: lamina d'acciaio
Diffusor: PC con acabado prismático LDP/CDP/CDF
(CDF con lamina de ópalo)
Finitura
Corpo: bianco RAL 9003 (W03)
Accessori
Cavo di sospensione, Interruttore a trazione

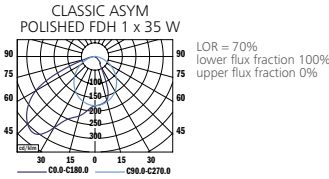
RU

Установка
Подвесная (SSD)
Источник света
Трубчатая люминесцентная лампа (FDH)
Оптическая система
Микропризматический рассеиватель (LDP/CDP/CDF)
Распределение света
Прямое, Прямое-косвенный
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Блок аварийного освещения (1H/3H)
Материал
Корпус: листовая сталь
Торцевые крышки: листовая сталь
Рассеиватель: ПЦ с микропризматической отделкой
LDP/CDP/CDF (CDF с матовой фольгой)
Отделка поверхности
Корпус: белый RAL 9003 (W03)
Аксессуары
Тросовый подвес, Шнуровой выключатель

CLASSIC ASYM
POLISHED / MATT
FDH



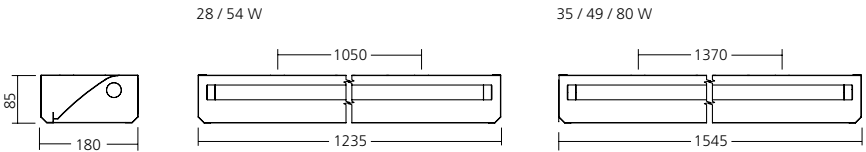
PHOTOMETRY



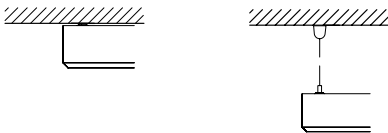
POLISHED



MATT



MOUNTING



TYPE	OPTICAL SYSTEM		POWER (W)	LIGHT SOURCE	LAMP HOLDER	EMERGENCY UNIT		EEC	WEIGHT (kg)
	POLISHED	MATT				1H	3H		
CLASSIC ASYM	•	•	1 x 28	FDH	G5	•	•	A+ / A / B	3.9
CLASSIC ASYM	•	•	1 x 35	FDH	G5	•	•	A+ / A / B	4.5
CLASSIC ASYM	•	•	1 x 49	FDH	G5	•	•	A+ / A / B	4.5
CLASSIC ASYM	•	•	1 x 54	FDH	G5	•	•	A+ / A / B / C	3.9
CLASSIC ASYM	•	•	1 x 80	FDH	G5	•	•	A+ / A / B / C	4.5

RS-S 03 L150 SQ (SQUARE SHAPE) OR RD (ROUND SHAPE)



Classic Asym



EN

Mounting
Ceiling surfaced/suspended (SSx)
Light source
Linear fluorescent lamp (FDH)
Optical system
Asymmetric polished/matt reflector (ASP/ASM)
Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Emergency unit variant (1H/3H)
Materials
Housing: sheet steel
Reflector: polished/matt aluminium
Surface finish
Housing: white RAL 9003 (W03)
Accessories
Rope suspension

DE

Montage
Deckenleuchte/Hängend (SSx)
Lichtquelle
Lineare Leuchtstofflampe (FDH)
Optisches System
Asymmetrischer polierter/matter Reflektor (ASP/ASM)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Notbeleuchtung Variante (1H/3H)
Material
Körper: Stahlblech
Reflektor: poliertes/mattes Aluminium
Oberflächenveredelung
Körper: Weiss RAL 9003 (W03)
Zubehör
Seilaufhängung

FR

Montage
Plafonnier apparent/suspendu (SSx)
Source lumineuse
Lampe fluoescence linéaire (FDH)
Système optique
Réflecteur asymétrique poli/mat (ASP/ASM)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Variante de l'unité de secours (1H/3H)
Matériels
Corps: tôle d'acier
Réflecteur: aluminium poli/mat
Finition de surface
Corps: blanc RAL 9003 (W03)
Accessoires
Câble de suspension

SK

Montáž
Prisadené/závesné (SSx)
Svetelný zdroj
Lineárna fluoescenčná žiarivka (FDH)
Optický systém
Asymetrický leštený/matný reflektor (ASP/ASM)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Varianta s núdzovou jednotkou (1H/3H)
Material
Teleso: oceľový plech
Reflektor: leštený/matný hliník
Povrchová úprava
Teleso: biela RAL 9003 (W03)
Príslušenstvo
Lankový záves

ES

Montaje
Sobrepuestas en el techo/suspendidas (SSx)
Fuente luminica
Lámpara fluoescence lineal (FDH)
Sistema óptico
Reflector pulido/mate asimétrica (ASP/ASM)
Cableado
Equipo de control electrónico FIX/DALI (ECG/EDA)
Variante unidad de emergencia (1H/3H)
Material
Cuerpo: lámina de acero
Reflector: aluminio pulido/mate
Tratamiento de la superficie
Cuerpo: blanco RAL 9003 (W03)
Accesorios
Cable de suspensión

IT

Installazione
A plafone/A sospensione (SSx)
Sorgente luminosa
Lampada fluoescence lineare (FDH)
Sistema ottico
Riflettore asimmetrico lucido/opaco (ASP/ASM)
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Variante unità di emergenza (1H/3H)
Materiali
Corpo: lamina d'acciaio
Riflettore: alluminio lucido/opaco
Finitura
Corpo: bianco RAL 9003 (W03)
Accessori
Cavo di sospensione

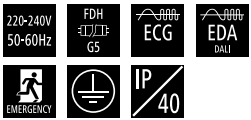
RU

Установка
Потолочная накладная/Подвесная (SSx)
Источник света
Трубчатая люминесцентная лампа (FDH)
Оптическая система
Асимметричного полированный/матовый отражателя (ASP/ASM)
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
блок аварийного освещения (1H/3H)
Материал
Корпус: листовая сталь
Отражатель: шлифованный/матовый алюминий
Отделка поверхности
Корпус: белый RAL 9003 (W03)
Аксессуары
Тросовый подвес

CLASSIC DIF
OPAL / PRISMA
FDH

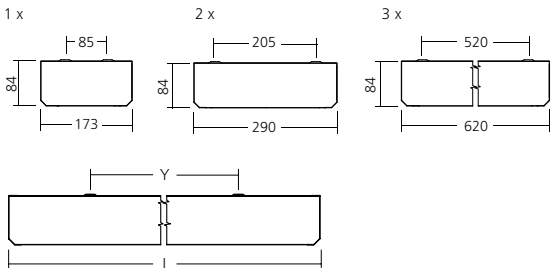
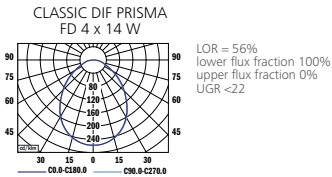


Classic Dif



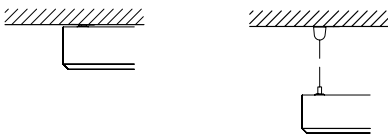
EN	DE	FR	SK	ES	IT	RU
Mounting Ceiling surfaced/suspended (SSx) Light source Linear fluorescent lamp (FDH) Optical system Opal/prismatic diffuser (OPD/PRD) Wiring Electronic control gear FIX/DALI (ECG/EDA) Emergency unit variant (1H/3H) Materials Housing: sheet steel Diffuser: opal PMMA/prismatic PS Surface finish Housing: white RAL 9003 (W03) Accessories Rope suspension	Montage Deckenleuchte/Hängend (SSx) Lichtquelle Lineare Leuchtstofflampe (FDH) Optisches System Opal/prismatisch Diffusor (OPD/PRD) Vorschaltgerät Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA) Notbeleuchtung Variante (1H/3H) Material Körper: Stahlblech Diffusor: opal PMMA/mikroprismatisches PS Oberflächenveredelung Körper: Weiss RAL 9003 (W03) Zubehör Seilaufhängung	Montage Plafonnier apparent/suspendu (SSx) Source lumineuse Lampe fluoescence linéaire (FDH) Système optique Diffuseur opale/prismatique (OPD/PRD) Équipement électrique Ballast électronique FIX/DALI (ECG/EDA) Variante de l'unité de secours (1H/3H) Matériels Corps: tôle d'acier Diffuseur: opale PMMA/prismatique PS Finition de surface Corps: blanc RAL 9003 (W03) Accessoires Câble de suspension	Montáž Prisadené/závesné (SSx) Svetelný zdroj Lineárna fluoescenčná žiarivka (FDH) Optický systém Opalový/prizmatický difúzor (OPD/PRD) Elektrická výbava Elektronický predradník FIX/DALI (ECG/EDA) Varianta s núdzovou jednotkou (1H/3H) Material Teleso: oceľový plech Difúzor: opalový PMMA/mikroprizmatický PS Povrchová úprava Teleso: biela RAL 9003 (W03) Príslušenstvo Lankový záves	Montaje Sobrepuestas en el techo/suspendidas (SSx) Fuente luminica Lámpara fluoescence lineal (FDH) Sistema óptico Difusor opalescente/prismático (OPD/PRD) Cableado Equipo de control electronico FIX/DALI (ECG/EDA) Variante unidad de emergencia (1H/3H) Material Cuerpo: lámina de acero Difusor: ópalo PMMA/prismático PS Tratamiento de la superficie Cuerpo: blanco RAL 9003 (W03) Accesorios Cable de suspensión	Installazione A plafone/A sospensione (SSx) Sorgente luminosa Lampada fluoescence lineare (FDH) Sistema ottico Diffusore opale/prismatico (OPD/PRD) Cablaggio Ballast elettronico FIX/DALI (ECG/EDA) Variante unità di emergenza (1H/3H) Materiali Corpo: lamina d'acciaio Diffusore: PMMA opale/PS prismatico Finitura Corpo: bianco RAL 9003 (W03) Accessori Cavo di sospensione	Установка Потолочная накладная/Подвесная (SSx) Источник света Трубчатая люминесцентная лампа (FDH) Оптическая система Матовый/микрпризматический Рассеиватель (OPD/PRD) Электрическое оснащение Электронный аппарат FIX/DALI (ECG/EDA) блок аварийного освещения (1H/3H) Материал Корпус: листовая сталь Рассеиватель: матовый полиметилметакрилат/ призматический полиметилметакрилат Отделка поверхности Корпус: белый RAL 9003 (W03) Аксессуары Тросовый подвес

PHOTOMETRY

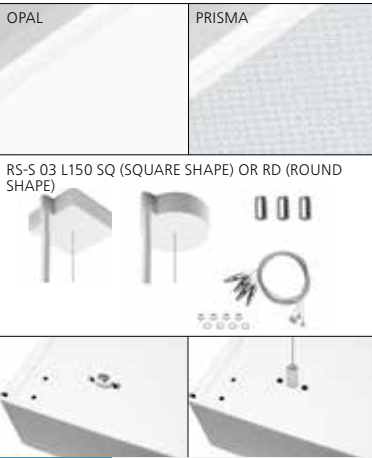
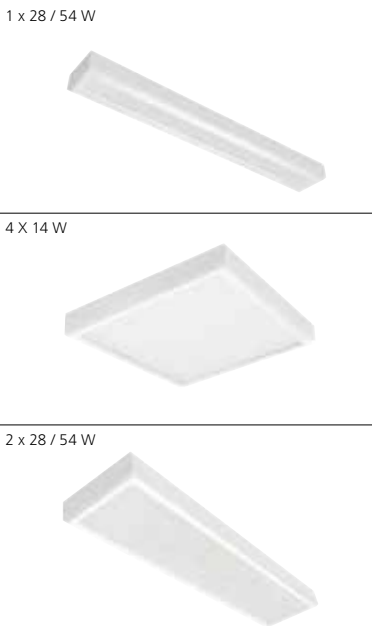


	L	Y
2 x 14 / 24 W	620	510
3 x / 4 x 14 / 24 W	620	345
28 / 54 W	1250	1075
35 / 49 / 80 W	1550	1375

MOUNTING



TYPE	OPTICAL SYSTEM		POWER (W)	LIGHT SOURCE	LAMP HOLDER	EMERGENCY UNIT		EEC	WEIGHT (kg)
	OPAL	PRISMA				1H	3H		
CLASSIC DIF	•	•	1 x 28	FDH	G5	•	•	A+ / A / B	4.6
CLASSIC DIF	•	•	1 x 35	FDH	G5	•	•	A+ / A / B	5.7
CLASSIC DIF	•	•	1 x 49	FDH	G5	•	•	A+ / A / B	5.7
CLASSIC DIF	•	•	1 x 54	FDH	G5	•	•	A+ / A / B / C	4.6
CLASSIC DIF	•	•	1 x 80	FDH	G5	•	•	A+ / A / B / C	5.7
CLASSIC DIF	•	•	2 x 14	FDH	G5	•	•	A+ / A / B	3.4
CLASSIC DIF	•	•	2 x 24	FDH	G5	•	•	A+ / A / B	3.4
CLASSIC DIF	•	•	2 x 28	FDH	G5	•	•	A+ / A / B	6.1
CLASSIC DIF	•	•	2 x 35	FDH	G5	•	•	A+ / A / B	7.3
CLASSIC DIF	•	•	2 x 49	FDH	G5	•	•	A+ / A / B	7.3
CLASSIC DIF	•	•	2 x 54	FDH	G5	•	-	A+ / A / B / C	6.1
CLASSIC DIF	•	•	2 x 80	FDH	G5	-	-	A+ / A / B / C	7.3
CLASSIC DIF	•	•	4 x 14	FDH	G5	•	•	A+ / A / B	5.9
CLASSIC DIF	•	•	4 x 24	FDH	G5	•	•	A+ / A / B	5.9



SURFACED AND SUSPENDED LUMINAIRES

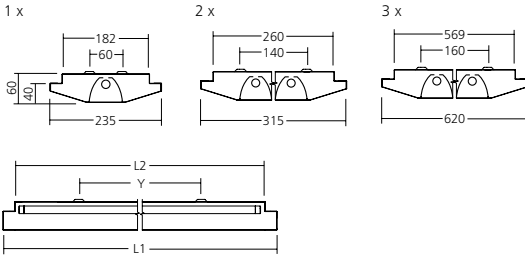
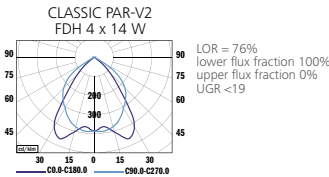
CONVENTIONAL LUMINAIRES

CLASSIC
PAR-V2 / PAR MAT-V2
FDH



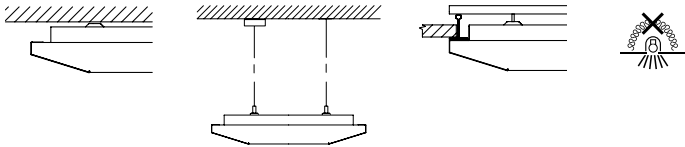
Classic
PAR-V2 / PAR MAT-V2

PHOTOMETRY



	L1	L2	Y
1 x / 2 x 14 / 24 W	620	569	373
1 x / 2 x 28 / 54 W	1220	1170	973
1 x / 2 x 35 / 49 / 80 W	1520	1470	1273
4 x 14 / 24 W	620	569	470

MOUNTING



TYPE	OPTICAL SYSTEM		POWER (W)	LIGHT SOURCE	LAMP HOLDER	EMERGENCY UNIT		EEC	WEIGHT (kg)
	PAR-V2	PAR MAT-V2				1H	3H		
CLASSIC	•	•	1 x 14	FDH	G5	•	•	A+ / A / B	2.5
CLASSIC	•	•	1 x 24	FDH	G5	•	•	A+ / A / B	2.5
CLASSIC	•	•	1 x 28	FDH	G5	•	•	A+ / A / B	4.9
CLASSIC	•	•	1 x 35	FDH	G5	•	•	A+ / A / B	6.0
CLASSIC	•	•	1 x 49	FDH	G5	•	•	A+ / A / B	6.0
CLASSIC	•	•	1 x 54	FDH	G5	•	•	A+ / A / B / C	4.9
CLASSIC	•	•	1 x 80	FDH	G5	•	•	A+ / A / B / C	6.0
CLASSIC	•	•	2 x 14	FDH	G5	•	•	A+ / A / B	3.1
CLASSIC	•	•	2 x 24	FDH	G5	•	•	A+ / A / B	3.1
CLASSIC	•	•	2 x 28	FDH	G5	•	•	A+ / A / B	6.2
CLASSIC	•	•	2 x 35	FDH	G5	•	•	A+ / A / B	7.2
CLASSIC	•	•	2 x 49	FDH	G5	•	•	A+ / A / B	7.2
CLASSIC	•	•	2 x 54	FDH	G5	•	•	A+ / A / B / C	6.2
CLASSIC	•	•	2 x 80	FDH	G5	•	•	A+ / A / B / C	7.2
CLASSIC	•	•	4 x 14	FDH	G5	•	•	A+ / A / B	5.4
CLASSIC	•	•	4 x 24	FDH	G5	•	•	A+ / A / B	5.4



1 x 14 / 24 W



2 x 14 / 24 W



4 X 14 / 24 W



PAR-V2



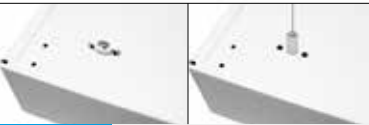
PAR MAT-V2



MOUNTING BRACKETS



RS-S 03 L150 SQ (SQUARE SHAPE) OR RD (ROUND SHAPE)



EN

Mounting
Ceiling surfaced/suspended/recessed (SSx)
Light source
Linear fluorescent lamp (FDH)
Optical system
Polished/matt parabolic louvre
PAR-V2/PAR MAT-V2 (PL2/ML2)
Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Emergency unit variant (1H/3H)
Materials
Housing: sheet steel
Parabolic louvre: polished/matt aluminium
Surface finish
Housing: white RAL 9003 (W03)
Accessories
Rope suspension
Mounting brackets for T-Bar ceiling grids

DE

Montage
Deckenleuchte/Einbauleuchte/Hängend (SSx)
Lichtquelle
Lineare Leuchtstofflampe (FDH)
Optisches System
Polierter/matter parabolischer Raster
PAR-V2/PAR MAT-V2 (PL2/ML2)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Notbeleuchtung Variante (1H/3H)
Material
Körper: Stahlblech
Parabolischer Raster: poliertes/mattes Aluminium
Oberflächenveredelung
Körper: Weiss RAL 9003 (W03)
Zubehör
Seilaufhängung
Befestigungsklammern mit den T-Profilen ermöglicht

FR

Montage
Plafonnier apparent/suspendu/encastrable (SSx)
Source lumineuse
Lampe fluoescence linéaire (FDH)
Système optique
Grille parabolique poli/mat
PAR-V2/PAR MAT-V2 (PL2/ML2)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Variante de l'unité de secours (1H/3H)
Matériels
Corps: tôle d'acier
Grille parabolique: aluminium poli/mat
Finition de surface
Corps: blanc RAL 9003 (W03)
Accessoires
Câble de suspension
Supports de montage sur plafonds avec profilés en T

SK

Montáž
Prisadené/závesné/vsadené (SSx)
Svetelný zdroj
Lineárna fluoescenčná žiarivka (FDH)
Optický systém
Leštená/matná parabolická mriežka
PAR-V2/PAR MAT-V2 (PL2/ML2)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Varianta s núdzovou jednotkou (1H/3H)
Matériál
Teleso: oceľový plech
Parabolická mriežka: leštený/matný hliník
Povrchová úprava
Teleso: biela RAL 9003 (W03)
Príslušenstvo
Lankový záves
Montážne držiaky umožňujúce montáž do stropov s T-profilmi

ES

Montaje
Sobrepuestas en el techo/suspendidas/Empotradas (SSx)
Fuente luminica
Lámpara fluorescente lineal (FDH)
Sistema óptico
Rejilla parabólica pulida/mate
PAR-V2/PAR MAT-V2 (PL2/ML2)
Cableado
Equipo de control electrónico FIX/DALI (ECG/EDA)
Variante unidad de emergencia (1H/3H)
Material
Cuerpo: lámina de acero
Rejilla parabólica: aluminio mate/pulido
Tratamiento de la superficie
Cuerpo: blanco RAL 9003 (W03)
Accesorios
Cable de suspensión
Escuadras de montaje en los techos con perfiles T

IT

Installazione
A plafone/a sospensione/ad incasso a soffitto (SSx)
Sorgente luminosa
Lampada fluorescente lineare (FDH)
Sistema ottico
Griglia parabolica lucida/opaca
PAR-V2/PAR MAT-V2 (PL2/ML2)
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Variante unità di emergenza (1H/3H)
Materiali
Corpo: lamina d'acciaio
Griglia parabolica: alluminio lucido o opaco
Finitura
Corpo: bianco RAL 9003 (W03)
Accessori
Cavo di sospensione
Supporti per installazione nel soffitto con profili a T

RU

Установка
Потолочная накладная/подвесная/встроенная (SSx)
Источник света
Трубчатая люминесцентная лампа (FDH)
Оптическая система
Шлифованная/матовая параболическая решетка
PAR-V2/PAR MAT-V2 (PL2/ML2)
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Блок аварийного освещения (1H/3H)
Материал
Корпус: листовая сталь
Параболическая решетка: шлифованный/матовый алюминий
Отделка поверхности
Корпус: белый RAL 9003 (W03)
Аксессуары
Тросовый подвес
Монтажные кронштейны, позволяющие осуществить установку на потолках с Т-Профилями

CLASSIC XTP
OPAL / PRISMA
FDH



Classic XTP



EN

Mounting
Ceiling surfaced/suspended (SSx)
Light source
Linear fluorescent lamp (FDH)
Optical system
Opal/prismatic diffuser (OPD/MCD)
Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Emergency unit variant (1H/3H)
Materials
Housing: sheet steel
Diffuser: Opal/prismatic polycarbonate
Cover: transparent PC / transparent hardened Glass
Frame: elox aluminium
Surface finish
Housing: white RAL 9003 (W03)
Accessories
Rope suspension

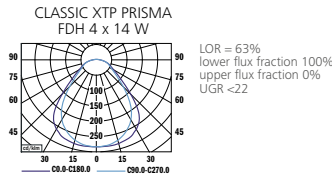
DE

Montage
Deckenleuchte/Hängend (SSx)
Lichtquelle
Lineare Leuchtstofflampe (FDH)
Optisches System
Opal/prismatischer Diffusor (OPD/MCD)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Notbeleuchtung Variante (1H/3H)
Material
Körper: Stahlblech
Diffusor: Opal/prismatisches Polykarbonat
Abdeckung: transparentes PC / transparentes Hartglass
Rahmen: Strangpress-Aluminium
Oberflächenveredelung
Körper: Weiss RAL 9003 (W03)
Zubehör
Seilauflhängung

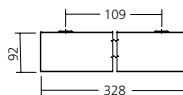
FR

Montage
Plafonnier apparent/suspendu (SSx)
Source lumineuse
Lampe fluorescente linéaire (FDH)
Système optique
Diffuseur opale/prisme (OPD/MCD)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Variante de l'unité de secours (1H/3H)
Matériels
Corps: tôle d'acier
Diffuseur: polycarbonate opale/prismatique
Couvercle: transparent PC / verre trempé transparent
Cadre: aluminium elox
Finition de surface
Corps: blanc RAL 9003 (W03)
Accessoires
Câble de suspension

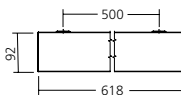
PHOTOMETRY



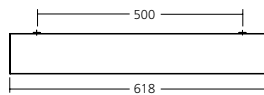
2 x



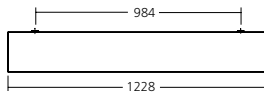
3 x / 4 x



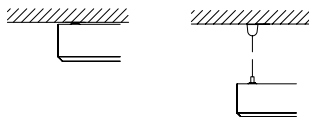
14 / 24 W



28 / 54 W



MOUNTING

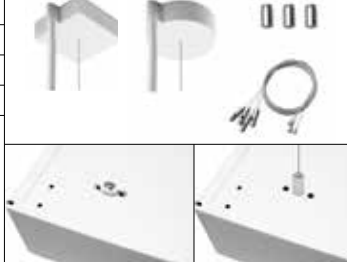


TYPE	OPTICAL SYSTEM		POWER (W)	LIGHT SOURCE	LAMP HOLDER	EMERGENCY UNIT		EEC	WEIGHT (kg)
	OPAL	PRISMA				1H	3H		
CLASSIC XTP	•	•	2 x 28	FDH	G5	•	•	A+ / A / B	8.7
CLASSIC XTP	•	•	2 x 54	FDH	G5	•	•	A+ / A / B / C	8.7
CLASSIC XTP	•	•	3 x 14	FDH	G5	•	•	A+ / A / B	8.8
CLASSIC XTP	•	•	3 x 24	FDH	G5	•	•	A+ / A / B	8.8
CLASSIC XTP	•	•	4 x 14	FDH	G5	•	•	A+ / A / B	8.4
CLASSIC XTP	•	•	4 x 24	FDH	G5	•	•	A+ / A / B	8.4
CLASSIC XTP	•	•	4 x 28	FDH	G5	•	•	A+ / A / B	15.2
CLASSIC XTP	•	•	4 x 54	FDH	G5	•	•	A+ / A / B / C	15.2

OPAL

PRISMA

RS-S 16 L150 SQ (SQUARE SHAPE) OR RD (ROUND SHAPE)



SK

Montáž
Prisadené/závesné (SSx)
Svetelný zdroj
Lineárna fluorescenčná žiarivka (FDH)
Optický systém
Opalový/prizmatický difúzor (OPD/MCD)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Varianta s núdzovou jednotkou (1H/3H)
Material
Teleso: oceľový plech
Difúzor: opalový/prizmatický polykarbonát
Kryt: transparentný PC / transparentné tvrdené Sklo
Rám: eloxovaný hliník
Povrchová úprava
Teleso: biela RAL 9003 (W03)
Príslušenstvo
Lankový záves

ES

Montaje
Sobrepuestas en el techo/suspendidas (SSx)
Fuente luminica
Lámpara fluorescente lineal (FDH)
Sistema óptico
Difusor ópalo/prismático (OPD/MCD)
Cableado
Equipo de control electrónico FIX/DALI (ECG/EDA)
Variante unidad de emergencia (1H/3H)
Material
Cuerpo: lámina de acero
Difusor: ópalo/polycarbonato prismático
Cubierta: transparente PC / vidrio templado
Transparente
Marco: aluminio elox
Tratamiento de la superficie
Cuerpo: blanco RAL 9003 (W03)
Accesorios
Cable de suspensión

IT

Installazione
A plafone/A sospensione (SSx)
Sorgente luminosa
Lampada fluorescente lineare (FDH)
Sistema ottico
Diffusore opale/prismatico (OPD/MCD)
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Variante unità di emergenza (1H/3H)
Materiali
Corpo: lamina d'acciaio
Diffusore: polycarbonato prismatico/opale
Copertura: trasparente PC / vetro temperato
Trasparente
Cornice: di alluminio elox
Finitura
Corpo: bianco RAL 9003 (W03)
Accessori
Cavo di sospensione

RU

Установка
Потолочная накладная/Подвесная (SSx)
Источник света
Трубчатая люминесцентная лампа (FDH)
Оптическая система
Матовый/призматический рассеиватель (OPD/MCD)
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
блок аварийного освещения (1H/3H)
Материал
Корпус: листовая сталь
Рассеиватель: матовый/призматический поликарбонат
Крышка: прозрачный PC / прозрачное закаленное стекло
Каркас: протравленный алюминий
Отделка поверхности
Корпус: белый RAL 9003 (W03)
Аксессуары
Тросовый подвес

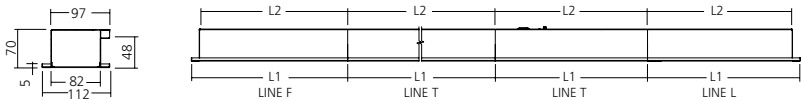
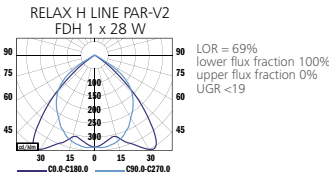
RELAX H LINE

PAR-V2 / PAR MAT-V2 / DIF
FDH

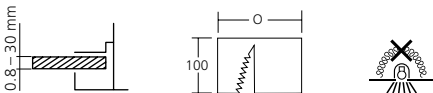


Relax H Line

PHOTOMETRY



MOUNTING



	O
1 / 2 x 14 / 24 W	F / L 575
1 / 2 x 14 / 24 W	T 570
1 / 2 x 28 / 54 W	F / L 1175
1 / 2 x 28 / 54 W	T 1170
1 / 2 x 35 / 49 W	F / L 1475
1 / 2 x 35 / 49 W	T 1470

TYPE	OPTICAL SYSTEM				POWER	LIGHT SOURCE	LAMP HOLDER	EMERG. UNIT	DIMENSIONS			EEC	WEIGHT	
	LOUVRE	DIFFUSER	MICROPRISMA						1H	3H	L1			L2
	PAR-V2	PAR	MAT-V2	OPAL	(W)				1H	3H	L1	L2	O	(kg)
RELAX H LINE F / L	•	•	•	•	1 x 14	FDH	G5	• •	585	570	575	A+ / A / B	1.5 / 1.4	
RELAX H LINE T	•	•	•	•	1 x 14	FDH	G5	• •	570	570	570	A+ / A / B	1.3	
RELAX H LINE F / L	•	•	•	•	1 x 24	FDH	G5	• •	585	570	575	A+ / A / B	1.5 / 1.4	
RELAX H LINE T	•	•	•	•	1 x 24	FDH	G5	• •	570	570	570	A+ / A / B	1.3	
RELAX H LINE F / L	•	•	•	•	1 x 28	FDH	G5	• •	1185	1170	1175	A+ / A / B	2.5 / 2.4	
RELAX H LINE T	•	•	•	•	1 x 28	FDH	G5	• •	1170	1170	1170	A+ / A / B	2.3	
RELAX H LINE F / L	•	•	•	•	1 x 35	FDH	G5	• •	1485	1470	1475	A+ / A / B	3.2 / 3.1	
RELAX H LINE T	•	•	•	•	1 x 35	FDH	G5	• •	1470	1470	1470	A+ / A / B	3.0	
RELAX H LINE F / L	•	•	•	•	1 x 49	FDH	G5	• •	1485	1470	1475	A+ / A / B	3.2 / 3.1	
RELAX H LINE T	•	•	•	•	1 x 49	FDH	G5	• •	1470	1470	1470	A+ / A / B	3.0	
RELAX H LINE F / L	•	•	•	•	1 x 54	FDH	G5	• •	1185	1170	1175	A+ / A / B / C	2.5 / 3.4	
RELAX H LINE T	•	•	•	•	1 x 54	FDH	G5	• •	1170	1170	1170	A+ / A / B / C	2.3	
RELAX H LINE F / L	•	•	•	•	1 x 80	FDH	G5	• •	1485	1470	1475	A+ / A / B / C	3.2 / 3.1	
RELAX H LINE T	•	•	•	•	1 x 80	FDH	G5	• •	1470	1470	1470	A+ / A / B / C	3.0	
RELAX H LINE F / L	•	•	•	•	2 x 14	FDH	G5	• •	585	570	575	A+ / A / B	1.6 / 1.5	
RELAX H LINE T	•	•	•	•	2 x 14	FDH	G5	• •	570	570	570	A+ / A / B	1.4	
RELAX H LINE F / L	•	•	•	•	2 x 24	FDH	G5	• •	585	570	575	A+ / A / B	1.6 / 1.5	
RELAX H LINE T	•	•	•	•	2 x 24	FDH	G5	• •	570	570	570	A+ / A / B	1.4	
RELAX H LINE F / L	•	•	•	•	2 x 28	FDH	G5	• •	1185	1170	1175	A+ / A / B	2.6 / 2.5	
RELAX H LINE T	•	•	•	•	2 x 28	FDH	G5	• •	1170	1170	1170	A+ / A / B	2.4	
RELAX H LINE F / L	•	•	•	•	2 x 35	FDH	G5	• •	1485	1470	1475	A+ / A / B	3.3 / 3.2	
RELAX H LINE T	•	•	•	•	2 x 35	FDH	G5	• •	1470	1470	1470	A+ / A / B	3.1	
RELAX H LINE F / L	•	•	•	•	2 x 49	FDH	G5	• •	1485	1470	1475	A+ / A / B	3.3 / 3.2	
RELAX H LINE T	•	•	•	•	2 x 49	FDH	G5	• •	1470	1470	1470	A+ / A / B	3.1	
RELAX H LINE F / L	•	•	•	•	2 x 54	FDH	G5	• •	1185	1170	1175	A+ / A / B / C	2.6 / 3.5	
RELAX H LINE T	•	•	•	•	2 x 54	FDH	G5	• •	1170	1170	1170	A+ / A / B / C	2.4	



EN

Mounting
Ceiling recessed-determined for continuous installation
Plasterboard ceiling (PBx)
Light source
Linear fluorescent lamp (FDH)
Optical system
Opal/prismatic diffuser (OPD/PRD)
Polished/matt parabolic louvre
PAR-V2/PAR MAT-V2 (PL2/ML2)
Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Emergency unit variant (1H/3H)
Materials
Housing: sheet steel
Parabolic louvre: polished/matt aluminium
Diffuser: opal/prismatic polycarbonate
Surface finish
Housing: white RAL 9003 (W03)
Accessories
Mounting brackets
Safety wire

DE

Montage
Einbauleuchte-mit Erweiterungsmöglichkeit
Rigips Decke (PBx)
Lichtquelle
Lineare Leuchtstofflampe (FDH)
Optisches System
Opal/prismatisches Diffusor (OPD/PRD)
Polierter/matter parabolischer Raster
PAR-V2/PAR MAT-V2 (PL2/ML2)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Notbeleuchtung Variante (1H/3H)
Material
Körper: Stahlblech
Parabolischer Raster: poliertes/mattes Aluminium
Diffusor: opal/prismatisches Polycarbonat
Oberflächenveredelung
Körper: Weiss RAL 9003 (W03)
Zubehör
Befestigungsklammern
Sicherungsseil

FR

Montage
Plafonnier encastrable-conçu pour une installation continue
Un plafond en plâtre (PBx)
Source lumineuse
Lampe fluorescente linéaire (FDH)
Système optique
Diffuseur opale/prismatique (OPD/PRD)
Grille parabolique poli/mat
PAR-V2/PAR MAT-V2 (PL2/ML2)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Variante de l'unité de secours (1H/3H)
Matériels
Corps: tôle d'acier
Grille parabolique: aluminium poli/mat
Diffuseur: polycarbonate opale/prismatique
Finition de surface
Corps: blanc RAL 9003 (W03)
Accessoires
Supports de montage
Fil de sécurité

SK

Montáž
Všadené-predučená na montáž do línii
Sádkokartonový strop (PBx)
Svetelný zdroj
Lineárna fluorescenčná žiarivka (FDH)
Optický systém
opálový/prizmatický difúzor (OPD/PRD)
Leštená/matná parabolická mriežka
PAR-V2/PAR MAT-V2 (PL2/ML2)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Varianta s núdzovou jednotkou (1H/3H)
Material
Teleso: oceľový plech
Parabolická mriežka: leštený/matný hliník
Difúzor: opálový/prizmatický polykarbonát
Povrchová úprava
Teleso: biela RAL 9003 (W03)
Príslušenstvo
Montážne držiaky
Poistné lanko

ES

Montaje
Empotradas en el techo-especifico para instalaciones continuas
Techo de escayola (PBx)
Fuente luminica
Lámpara fluorescente lineal (FDH)
Sistema óptico
Difusor opalescente/prismático (OPD/PRD)
Rejilla parabólica pulida/mate
PAR-V2/PAR MAT-V2 (PL2/ML2)
Cableado
Equipo de control electrónico FIX/DALI (ECG/EDA)
Variante unidad de emergencia (1H/3H)
Material
Cuerpo: lámina de acero
Rejilla parabólica: aluminio mate/pulido
Difusor: ópalo/polycarbonato prismático
Tratamiento de la superficie
Cuerpo: blanco RAL 9003 (W03)
Accesorios
Escuadras de montaje
Cable de seguridad

IT

Installazione
A incasso-per installazioni in linea
Struttura cartongesso (PBx)
Sorgente luminosa
Lampada fluorescente lineare (FDH)
Sistema ottico
diffusore opale/prismatico (OPD/PRD)
Griglia parabolica lucida/opaca
PAR-V2/PAR MAT-V2 (PL2/ML2)
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Variante unità di emergenza (1H/3H)
Materiali
Corpo: lamina d'acciaio
Griglia parabolica: alluminio lucido o opaco
Diffusore: policarbonato prismatico/opale
Finitura
Corpo: bianco RAL 9003 (W03)
Accessori
Supporti per installazione
Cavo di sicurezza

RU

Установка
Потолочная встроенная-рассчитанная на долговременную установку
Гипсокартонный потолок (PBx)
Источник света
Трубчатая люминесцентная лампа FDH(FDH)
Оптический система
Матовый/микропризматический Рассеиватель (OPD/PRD)
Шлифованная/матовая параболическая решетка
PAR-V2/PAR MAT-V2 (PL2/ML2)
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Блок аварийного освещения (1H/3H)
Материал
Корпус: листовая сталь
Параболическая решетка: шлифованный/матовый алюминий
Рассеиватель: матовый/призматический поликарбонат
Отделка поверхности
Корпус: белый RAL 9003 (W03)
Аксессуары
Монтажные кронштейны
Контрольная проволока

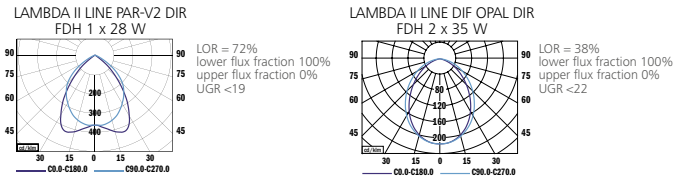
LAMBDA II LINE

PAR-V2 / PAR MAT-V2 / ASYM / DIF
FDH



Lambda II Line

PHOTOMETRY



CORNER



ASYM



SUS 1.35 C0/014 SUSPENSION 14



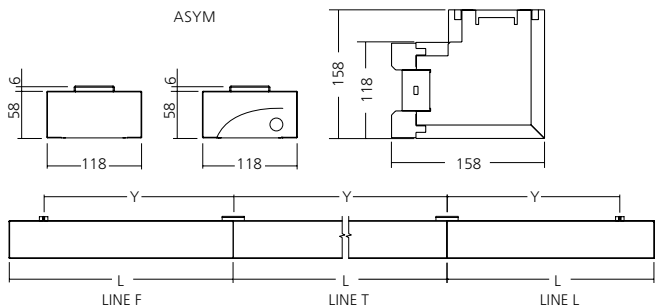
CON 1.35 14/014 SUSPENSION 14/14



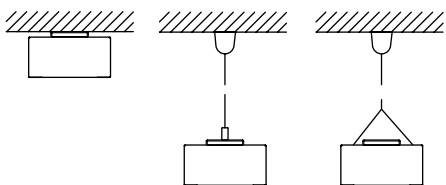
SUS 1.35 C0/038 SUSPENSION 38



CON 1.35 17/038 SUSPENSION 17/38



MOUNTING



TYPE	OPTICAL SYSTEM				POWER (W)	LIGHT SOURCE	LAMP HOLDER	EMER. UNIT	DIMENSIONS		EEC	WEIGHT (kg)
	LOUVRE	DIFFUSER	REFLECTOR						L	Y		
LAMBDA II LINE F / L	•	•	•	•	1 x 28	FDH	G5	• •	1187	1134	A+ / A / B	3.3 / 3.0
LAMBDA II LINE T	•	•	•	•	1 x 28	FDH	G5	• •	1168	1168	A+ / A / B	3.1
LAMBDA II LINE F / L	•	•	•	•	1 x 35	FDH	G5	• •	1487	1468	A+ / A / B	4.0 / 3.6
LAMBDA II LINE T	•	•	•	•	1 x 35	FDH	G5	• •	1468	1468	A+ / A / B	3.9
LAMBDA II LINE F / L	•	•	•	•	1 x 49	FDH	G5	• •	1487	1468	A+ / A / B	4.0 / 3.6
LAMBDA II LINE T	•	•	•	•	1 x 49	FDH	G5	• •	1468	1468	A+ / A / B	3.9
LAMBDA II LINE F / L	•	•	•	•	1 x 54	FDH	G5	• •	1187	1134	A+ / A / B / C	3.3 / 3.0
LAMBDA II LINE T	•	•	•	•	1 x 54	FDH	G5	• •	1168	1168	A+ / A / B / C	3.1
LAMBDA II LINE F / L	•	•	•	•	1 x 80	FDH	G5	• •	1487	1468	A+ / A / B / C	4.0 / 3.6
LAMBDA II LINE T	•	•	•	•	1 x 80	FDH	G5	• •	1468	1468	A+ / A / B / C	3.9
LAMBDA II LINE F / L	•	•	•	•	2 x 28	FDH	G5	• •	1187	1134	A+ / A / B	3.6 / 3.2
LAMBDA II LINE T	•	•	•	•	2 x 28	FDH	G5	• •	1168	1168	A+ / A / B	3.3
LAMBDA II LINE F / L	•	•	•	•	2 x 35	FDH	G5	• •	1487	1468	A+ / A / B	4.4 / 4.0
LAMBDA II LINE T	•	•	•	•	2 x 35	FDH	G5	• •	1468	1468	A+ / A / B	4.3
LAMBDA II LINE F / L	•	•	•	•	2 x 49	FDH	G5	• •	1487	1468	A+ / A / B	4.4 / 4.0
LAMBDA II LINE T	•	•	•	•	2 x 49	FDH	G5	• •	1468	1468	A+ / A / B	4.3
LAMBDA II LINE F / L	•	•	•	•	2 x 54	FDH	G5	• •	1187	1134	A+ / A / B / C	3.6 / 3.2
LAMBDA II LINE T	•	•	•	•	2 x 54	FDH	G5	• •	1168	1168	A+ / A / B / C	3.3
LAMBDA II LINE F / L	•	•	•	•	2 x 80	FDH	G5	• •	1487	1468	A+ / A / B / C	4.4 / 4.0
LAMBDA II LINE T	•	•	•	•	2 x 80	FDH	G5	• •	1468	1468	A+ / A / B / C	4.3



EN

Mounting
Suspended or ceiling surfaced - determined for continuous installation (MDS)
Light source
Linear fluorescent lamp (FDH)
Optical system
Polished/matt parabolic louvre
PAR-V2/PAR MAT-V2 (PL2/ML2)
Polished/matt parabolic louvre
PAR-V2 TWIN/PAR MAT-V2 TWIN (PW2/MW2)
Asymmetric polished reflector (ASP)
Opal/mikroprismatic diffuser (OPD/MCD)
Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Through wiring (F, T version)
Emergency unit variant (1H/3H)
Materials
Housing: sheet steel
Parabolic louvre: polished/matt aluminium
Reflector: polished anodised aluminium
Diffuser: opal/mikroprismatic polycarbonate
Surface finish
Housing: grey RAL 9006 (G06)
Accessories
Rope suspension
Corner connection (PL2/ML2)

DE

Montage
Hänge- oder Deckenleuchte - mit Erweiterungsmöglichkeit (MDS)
Lichtquelle
Lineare Leuchtstofflampe (FDH)
Optisches System
Polierter/matter parabolischer Raster
PAR-V2/PAR MAT-V2 (PL2/ML2)
Polierter/matter parabolischer Raster
PAR-V2 TWIN/PAR MAT-V2 TWIN (PW2/MW2)
Reflektor asymmetrisch poliert (ASP)
Opal/mikroprismatischer Diffusor (OPD/MCD)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Laufende Verkabelung (F, T Version)
Notbeleuchtung Variante (1H/3H)
Material
Körper: Stahlblech
Parabolischer Raster: poliertes/mattes Aluminium
Reflektor: polierte eloxiertes Aluminium
Diffusor: opal/mikroprismatisches Polycarbonat
Oberflächenveredelung
Körper: grau RAL 9006 (G06)
Zubehör
Seilaufhängung
Übereckverbindung (PL2/ML2)

FR

Montage
Plafonnier suspendu ou apparent - conçu pour une installation continue (MDS)
Source lumineuse
Lampe fluorescente linéaire (FDH)
Système optique
Grille parabolique poli/mat
PAR-V2/PAR MAT-V2 (PL2/ML2)
Grille parabolique poli/mat
PAR-V2 TWIN/PAR MAT-V2 TWIN (PW2/MW2)
Réflecteur asymétrique poli (ASP)
Diffuseur opale/microprisme (OPD/MCD)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Câblage traversant (version F, T)
Variante de l'unité de secours (1H/3H)
Matériels
Corps: tôle d'acier
Grille parabolique: aluminium poli/mat
Réflecteur: aluminium anodisé poli
Diffuseur: polycarbonate opale/microprismatique
Finition de surface
Corps: gris RAL 9006 (G06)
Accessoires
Câble de suspension
Connexion d'angle (PL2/ML2)

SK

Montáž
Závěsné alebo prisadené - predurčené na montáž do línií (MDS)
Svetelný zdroj
Liniárna fluorescenčná žiarivka (FDH)
Optický systém
Leštená/matná parabolická mriežka
PAR-V2/PAR MAT-V2 (PL2/ML2)
Leštená/matná parabolická mriežka
PAR-V2 TWIN/PAR MAT-V2 TWIN (PW2/MW2)
Asymetrický leštený reflektor (ASP)
Opálový/mikroprizmatický difúzor (OPD/MCD)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Priebežné vŕnutie (F, T verzia)
Varianta s núdzovou jednotkou (1H/3H)
Material
Teleso: oceľový plech
Parabolická mriežka: leštený/matný hliník
Reflektor: leštený anodizovaný hliník
Difúzor: opalový/mikroprizmatický polykarbonát
Povrchová úprava
Teleso: šedá RAL 9006 (G06)
Príslušenstvo
Rohová spojka (PL2/ML2)

ES

Montaje
Suspendido o sobrepuesto - específico para instalaciones continuas (MDS)
Fuente luminica
Lámpara fluorescente lineal (FDH)
Sistema óptico
Rejilla parabólica pulida/mate
PAR-V2/PAR MAT-V2 (PL2/ML2)
Rejilla parabólica pulida/mate
PAR-V2 TWIN/PAR MAT-V2 TWIN (PW2/MW2)
Reflector pulido asimétrico (ASP)
Difusor ópalo/microprismático (OPD/MCD)
Cableado
Equipo de control electrónico FIX/DALI (ECG/EDA)
A través de devanado (versión F, T)
Variante unidad de emergencia (1H/3H)
Material
Cuerpo: lámina de acero
Rejilla parabólica: aluminio mate/pulido
Reflector: aluminio anodizado pulido
Difusor: ópalo/polycarbonato microprismático
Tratamiento de la superficie
Cuerpo: gris RAL 9006 (G06)
Accesorios
Cable de suspensión
Conexión de esquinas (PL2/ML2)

IT

Installazione
Apparecchi illuminanti a sospensione o a plafone - per installazioni in linea (MDS)
Sorgente luminosa
Lampada fluorescente lineare (FDH)
Sistema ottico
Griglia parabolica lucida/opaca
PAR-V2/PAR MAT-V2 (PL2/ML2)
Griglia parabolica lucida/opaca
PAR-V2 TWIN/PAR MAT-V2 TWIN (PW2/MW2)
Riflettore asimmetrico lucido (ASP)
Diffusore opale/microprismatico (OPD/MCD)
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Cavi passanti (versioni F, T)
Variante unità di emergenza (1H/3H)
Materiali
Corpo: lamina d'acciaio
Griglia parabolica: alluminio lucido o opaco
Riflettore: alluminio anodizzato lucido
Diffusore: polycarbonato microprismatico/opale
Finitura
Corpo: grigio RAL 9006 (G06)
Accessori
Cavo di sospensione
Connettore angolare (PL2/ML2)

RU

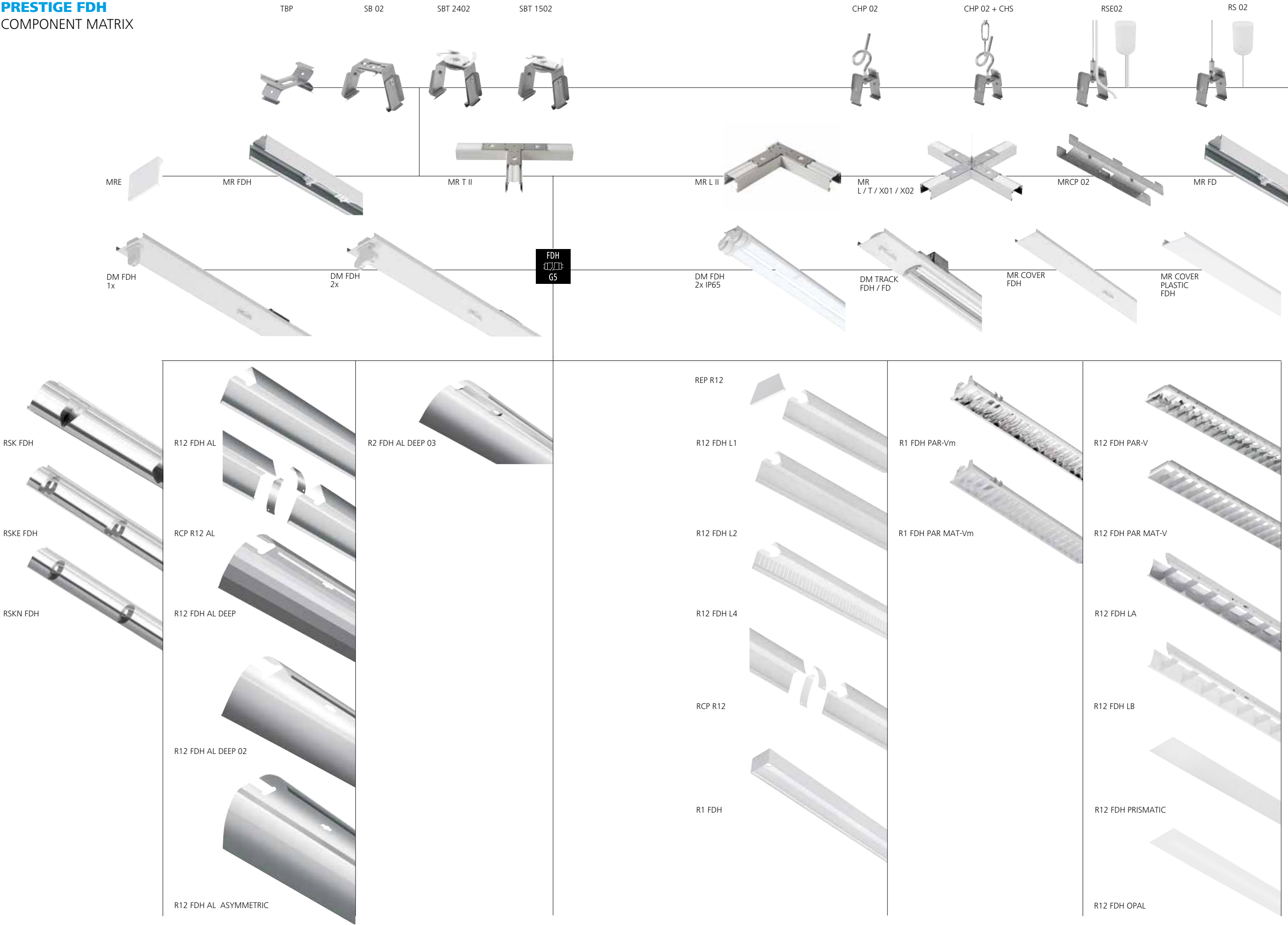
Установка
Подвесная или потолочная накладная - рассчитанная на долговременную установку (MDS)
Источник света
Трубчатая люминесцентная лампа (FDH)
Оптическая система
Шлифованная/матовая параболическая решетка
PAR-V2/PAR MAT-V2 (PL2/ML2)
Шлифованная/матовая параболическая решетка
PAR-V2 TWIN/PAR MAT-V2 TWIN (PW2/MW2)
Асимметричный полированный отражатель (ASP)
Матовый/микроризматический рассеиватель (OPD/MCD)
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Сквозная проводка (варианты F, T)
Блок аварийного освещения (1H/3H)
Материал
Корпус: листовая сталь
Параболическая решетка: шлиф./матовый алюминий
Отражатель: шлифованный анодированный алюминий
Рассеиватель: матовый/микрориз. поликарбонат
Отделка поверхности
Корпус: серый RAL 9006 (G06)
Аксессуары
Тросовый подвес
Угловое соединение (PL2/ML2)



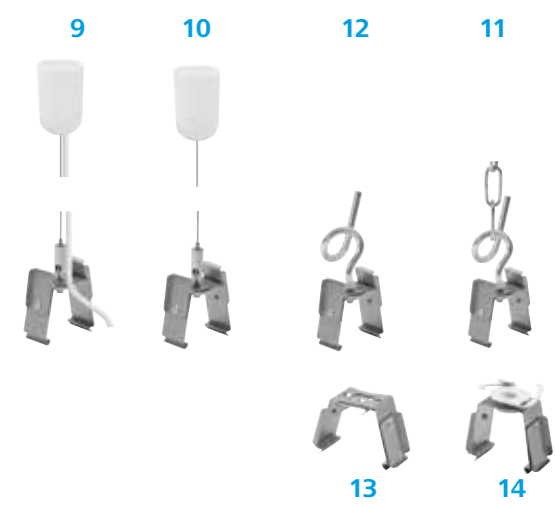
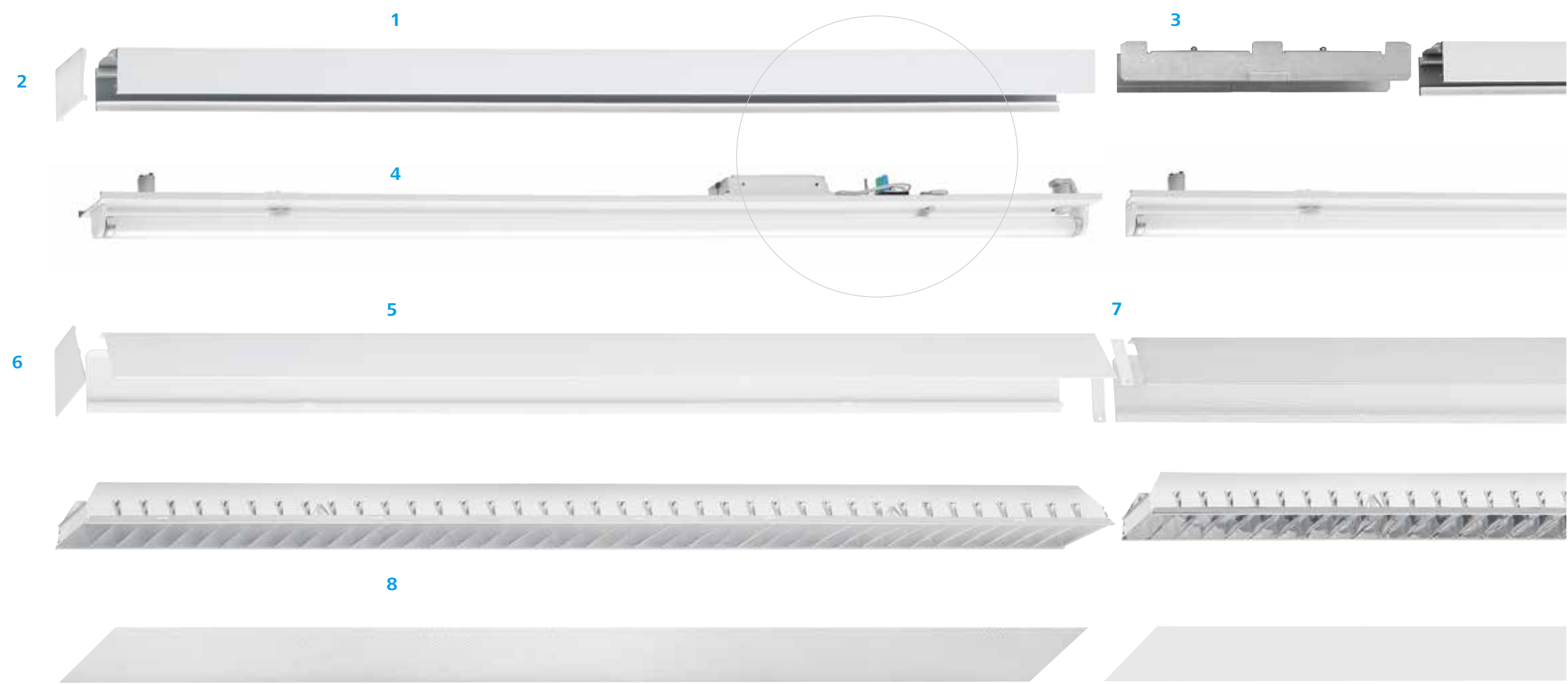


Prestige

PRESTIGE FDH
COMPONENT MATRIX



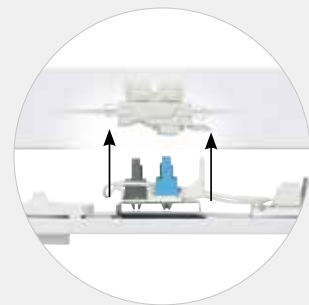
PRESTIGE SYSTEM FDH
ACCESSORIES



1	Mounting Rail FDH I Mounting Rail FDH II Mounting Rail FDH III	MR FDH I MR FDH II MR FDH III
2	Mounting rail end piece	MRE
3	Mounting rail connecting piece	MRCP 02
4	Device Mount FDH	DM FDH MR COVER FDH DM FDH Track (length 300 mm) (length 300 mm)
	Device Mount Track Device Mount with Sensor Device Mount with Socket	
5	Reflector FDH	
6	Reflector end piece R12	REP R12
7	Reflector R12 connecting piece	RCP R12
8	Louvre FDH Diffuser FDH	
9	Rope suspension with electrical connection	RSE 02
10	Rope suspension without electrical connection	RS 02
11	Chain suspension	CHS
12	Chain pendant	CHP 02
13	Bracket for ceiling mounting	SB 02
14	Bracket for ceiling mounting	SBT 1502 SBT 2402

LENGTH (m)		MOUNTING RAIL		SUSPENSION BRACKET		MOUNTING RAIL CONNECTING PIECE	MOUNTING RAIL END PIECE	DEVICE MOUNT	REFLECTOR	REFLECTOR CONNECTING PIECE	REFLECTOR END PIECE	LOUVRE / DIFFUSER
28/54 W	35/49/80 W	MR FDH II	MR FDH III	28/54 W LED 1.2	35/49/80 W LED 1.5	MRCP 02	MRE (2 pcs per set)	DM FDH MR COVER FDH		RCP R12 (2 pcs per set)	REP R12 (2 pcs per set)	
2.37	2.97	1	-	2	2	-	1	2	2	1	1	2
3.55	4.45	-	1	2	2	-	1	3	3	2	1	3
4.74	5.94	2	-	3	3	1	1	4	4	3	1	4
5.92	7.42	1	1	3	4	1	1	5	5	4	1	5
7.10	8.90	-	2	4	4	1	1	6	6	5	1	6
8.29	10.39	2	1	4	5	2	1	7	7	6	1	7
9.47	11.87	1	2	5	6	2	1	8	8	7	1	8
10.65	13.35	-	3	5	6	2	1	9	9	8	1	9
11.84	14.84	2	2	6	7	3	1	10	10	9	1	10
13.02	16.32	1	3	6	8	3	1	11	11	10	1	11
14.20	17.80	-	4	7	8	3	1	12	12	11	1	12
15.39	19.29	2	3	7	9	4	1	13	13	12	1	13
16.57	20.77	1	4	8	10	4	1	14	14	13	1	14
17.76	22.26	-	5	8	10	4	1	15	15	14	1	15
18.94	23.74	2	4	9	11	5	1	16	16	15	1	16
20.12	25.22	1	5	9	11	5	1	17	17	16	1	17
21.31	26.71	-	6	10	12	5	1	18	18	17	1	18
22.49	28.19	2	5	10	13	6	1	19	19	18	1	19
23.67	29.67	1	6	11	13	6	1	20	20	19	1	20
24.86	31.16	-	7	11	14	6	1	21	21	20	1	21
26.04	32.64	2	6	12	15	7	1	22	22	21	1	22
27.23	34.13	1	7	12	15	7	1	23	23	22	1	23
28.41	35.61	-	8	13	16	7	1	24	24	23	1	24
29.59	37.09	2	7	13	17	8	1	25	25	24	1	25
30.78	38.58	1	8	14	17	8	1	26	26	25	1	26
31.96	40.06	-	9	14	18	8	1	27	27	26	1	27
33.14	41.54	2	8	15	19	9	1	28	28	27	1	28
34.33	43.03	1	9	15	19	9	1	29	29	28	1	29
35.51	44.51	-	10	16	20	9	1	30	30	29	1	30

TYPE	LENGHT (mm)	
MR FDH I	28/54 W	1184
MR FDH II	28/54 W	2368
MR FDH III	28/54 W	3551
MR FDH I	35/49/80 W	1484
MR FDH II	35/49/80 W	2968
MR FDH III	35/49/80 W	4451
DIMENSIONS (mm)		
MR L/T/X01/X02	540 x 540	
MR L II	315 x 304	
MR T II	540 x 304	



PRESTIGE SYSTEM
MOUNTING RAIL



MR – mounting rail

The mounting rail is made from calendared 0.6 mm sheet steel and has a white polyester resin paint surface finish. The rail is standardly available in two lengths (double- and triple-body) and can be supplied as a single-body on request. Wiring comprised of 5 x, 7 x, or 9 x 1.5 mm² cross-section cabling can be installed in the profile, with the option of using 2.5 mm² cabling as required. All conductive connectors are finished with axial connectors that allow for simple toolless continuous connecting of mounting rails. Wiring connectors enable easy attachment of luminaire bodies to the mounting rails.

Pre-wired trunking

The wiring of the PRESTIGE SYSTEM is fitted during manufacture in preparation for fast and simple electrical installation and provides great flexibility. Included electrical connectors allow for mains, LMS, and emergency lighting supply connection at predefined points suitable for FDH and 1.5 modules. Wiring is suitable for both 5-, 7- and 9-pole connection as requested, standardly using 1.5 mm² cabling or 2.5 mm² cabling on request. If emergency lighting is to be installed, some of the luminaires must be equipped with emergency units requiring an additional conductor for battery supply.

5-pole electrical connection

a) Three-phase operation

Use of the 3-phase system allows PRESTIGE to be installed in very long uninterrupted lines, making it an ideal solution for large buildings. The 3-phase system, by utilising the third phase as a control line, also allows for any number of individual luminaires to be switched off during periods of inactivity while some remain switched on to provide a required minimum illumination.

b) Two-phase operation + emergency lighting

When using only two phases, it is possible to use the spare phase conductor for other things such as emergency lighting.

7-pole electrical connection

This variant offers all of the above-mentioned advantages in addition to the possibility of including lighting control (LMS). 7-pole connection is necessary for installation in lighting systems determined for the following uses:

a) Three-phase operation + LMS

Further to allowing for continuous connection in long uninterrupted lines and basic switching control, the extra connectors can be used for connection of dimmable electronic control gears.

b) Two-phase operation + emergency lighting + LMS

7-pole wiring enables the implementation of emergency lighting while still offering free connectors for dimmable electronic control gears.

9-pole electrical connection

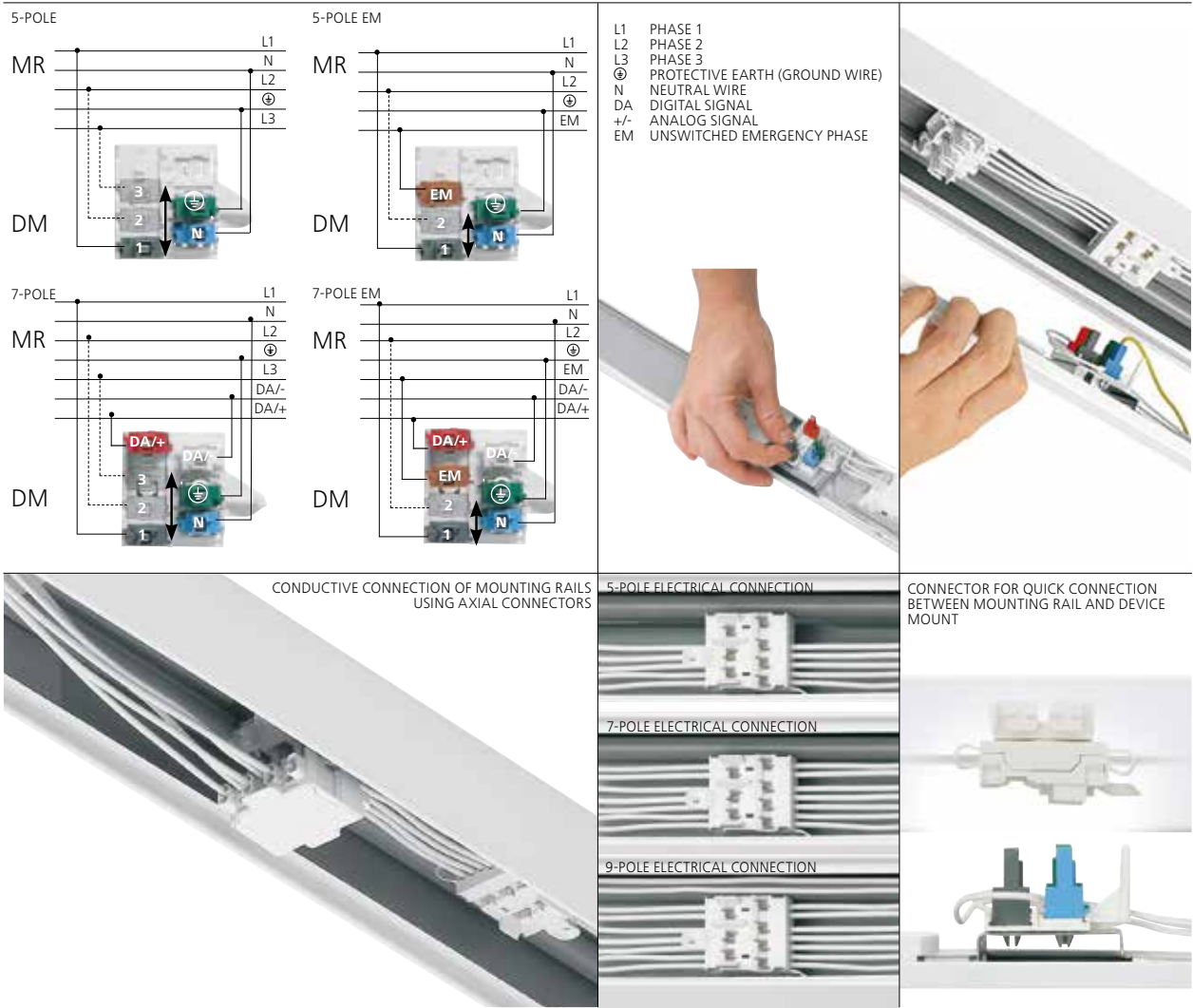
9-pole connection allows for almost unlimited inclusion of other systems in addition to standard operation, emergency lighting and an LMS. 9-pole connection is necessary for installation in lighting systems determined for the following uses:

a) Three-phase operation + emergency lighting + LMS

Allows for full three-phase operation in addition to connection for emergency lighting and an LMS. In the case of DALI control, this broadens control possibilities.

b) Two-phase operation + emergency lighting + emergency lighting /loud speaker system / other separated phase circuit

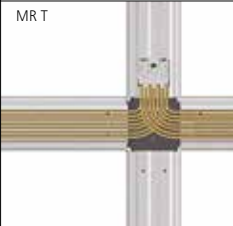
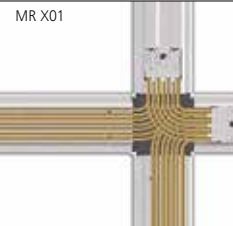
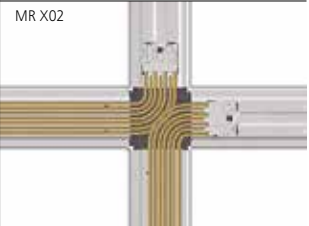
The additional two connectors can be used for connection of a wide range of other circuits such as a second, independent emergency lighting system, the feeding of load speakers (which can be included in the PRESTIGE SYSTEM), or any other separated phase circuit.

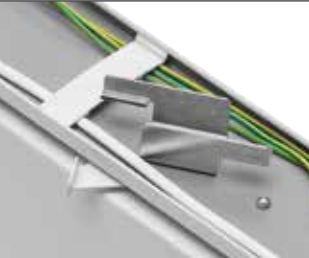


FDH
400/15
GS

	TYPE	1.5/2.5 mm²	L (mm)
28/54W	MR FDH I 5p	5 x	1184
	MR FDH I 7p	7 x	1184
	MR FDH I 9p	9 x	1184
	MR FDH II 5p	5 x	2368
	MR FDH II 7p	7 x	2368
	MR FDH II 9p	9 x	2368
	MR FDH III 5p	5 x	3551
	MR FDH III 7p	7 x	3551
	MR FDH III 9p	9 x	3551
35/49/80W	MR FDH I 5p	5 x	1484
	MR FDH I 7p	7 x	1484
	MR FDH I 9p	9 x	1484
	MR FDH II 5p	5 x	2968
	MR FDH II 7p	7 x	2986
	MR FDH II 9p	9 x	2986
	MR FDH III 5p	5 x	4451
	MR FDH III 7p	7 x	4451
	MR FDH III 9p	9 x	4451

FIXING POINTS FOR SUSPENSION

RSE 02 – suspension with electric cable An adjustable rope used for the suspension of mounting rails along with a 3-, 5-, or 9-pole 1.5 mm² cable for connection to the mains. Cables are standardly supplied with a length of 1100 mm with other lengths available on request.		RS 02 – suspension An adjustable 1.5 mm diameter rope used for the suspension of mounting rails. Standardly supplied with a length of 1100 mm, other lengths are available on request.	
CHS – chain suspension A chain used for the suspension of mounting rails. Standardly supplied with a length of 1100 mm, other lengths are available on request.		CHP 02 – chain bracket Mounting bracket for suspension chains.	
SBT 2402 – bracket for ceiling mounting A quick-fix bracket for mounting of the mounting rails in T-profile (24 mm) ceilings.		SBT 1502 – bracket for ceiling mounting A quick-fix bracket for mounting of the mounting rails in T-profile (15 mm) ceilings.	
SB 02 – bracket for ceiling mounting A quick-fix bracket for mounting of the mounting rails on the ceiling.		MRE – mounting rail end piece A self-extinguishing ABS plastic cover used to finish open ends of mounting rails. End pieces must be ordered separately.	
MRCP 02 – mounting rail connecting piece A standard connector that allows for both mechanical and electrical connection through insertion into other mounting rail parts. Made of zinc-coated sheet steel.		MR L II – L-shaped mounting rail corner connector An L-shaped mounting rail corner connector that allows for both mechanical and electrical connection through insertion into other mounting rail parts. Made of zinc-coated sheet steel.	
MR T II – T-shaped mounting rail connector A T-shaped mounting rail connector that allows for both mechanical and electrical connection through insertion into other mounting rail parts. Made of zinc-coated sheet steel.		MR L/T/X01/X02 – cross-shaped mounting rail connector A cross-shaped mounting rail connector that allows for both mechanical and electrical connection through insertion into other mounting rail parts. Made of zinc-coated sheet steel. Standardly supplied with a plastic cap cover and the necessary number of end pieces.	
			

LED device mount The LED device mount is standardly attached directly to the mounting rail using two built-in clamps, which allow for simple installation without additional tools. Device mounts are made of calendared sheet steel with a white polyester resin paint surface finish. They are available in lengths of 1.5 m, both of which are suitable for all optical variants. The connector located on the control gear tray allows for simple electrical connection of the LED device to the mounting rail. It also enables phase selection (5-, 7- and 9-pole connection) by means of positioning a moveable contact. Any free contacts can be used for the configuration of the LED device for dimming or emergency lighting. For the case that there is a gap between device mounts, the mounting rail can be finished with a mounting rail cover.		
	MR COVER 	MR PLASTIC COVER 
Fly connector Adjustable connector on a 1.5 m cable.		
Sensor Built-in sensor (type upon customer request).		
Socket It is possible to integrate electrical plug sockets into the PRESTIGE SYSTEM using the existing electrical wiring.		
FDH track device mount It is possible to combine the ONETRACK system with PRESTIGE for the incorporation of spotlights (0.6 m ONETRACK to 28/54W DM / 0.9 m ONETRACK to 35/49/80W DM).		

PRESTIGE
DEVICE MOUNT

FDH device mount

The fluorescent light source device mount is standardly attached directly to the mounting rail using two built-in clamps, which allow for simple installation without additional tools as well as the addition of reflectors. Device mounts are available for single and double light source modules.

The connector located on the control gear tray allows for simple electrical connection of the fluorescent light source device to the mounting rail. It also enables phase selection (5- and 7-pole connection) by means of positioning a movable contact. Any free contacts can be used for the configuration of the device for dimming or emergency lighting.

Luminaire without reflector

Luminaires without optics have exposed light sources and so allow for an almost 360° distribution of the emitted light. This version is ideal for areas with basic lighting requirements.

MR COVER



MR PLASTIC COVER



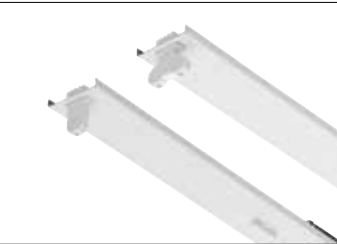
LOCKING MECHANISM



Emergency

For emergency lighting in the case of a power cut, Prestige is supplied with an inverter that provides power for light sources for a period of 1 or 3 hours.

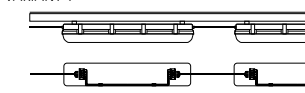
This option is available for FDH and LED (DM approx. 1.5 m for variants 28/54 W or 36 W).



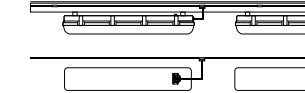
DM + LED EM



VARIANT 1



VARIANT 2



PRESTIGE
REFLECTORS

IP65 (FDH)

The Prestige system allows for the use of special safety fluorescent light sources protected by a polycarbonate tube with IP65 enclosure that prevent the dispersal of dangerous particles if the light source is broken. Such light sources are widely used in the food and chemical industries but are also useful in other spaces where there is a higher chance of breakage or where special care needs to be taken to minimise risk involved in breakage.



WITH R2 FDH
AL DEEP 03



REFLECTOR – DUO ASYM REF (FDH)

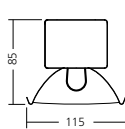
A specially designed double asymmetric reflector for use in supermarkets.



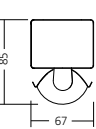
RSK / RSKE / RSKN

Reflector accessories available with three different lighting characteristics.

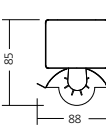
DM RSK FDH



DM RSKE FDH



DM RSKN FDH



RSK FDH



RSKE FDH



FSKN FDH



RSK FDH MR + MRE

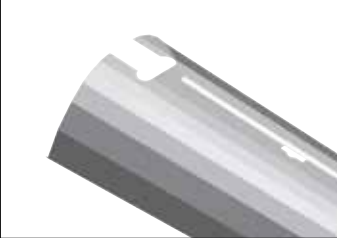
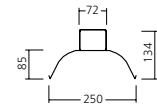


RSKE FDH MR + MRE



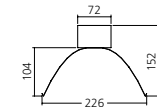
R12 (FDH) AL DEEP

This narrow aluminium reflector makes it possible to provide suitable illumination of aisles in high-bay storage facilities and production areas even when mounted at heights of 6–10 m. Made from anodised polished aluminium and in versions suitable for single and double light source modules, the reflector provides direct narrow beam light distribution.



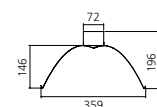
R12 (FDH) AL DEEP 02

This narrow aluminium reflector makes it possible to provide suitable illumination of aisles in high-bay storage facilities and production areas even when mounted at heights of 6–10 m. Made from anodised polished aluminium and in versions suitable for single and double light source modules, the reflector provides direct narrow beam light distribution.



R2 FDH AL DEEP 03

This narrow aluminium reflector makes it possible to provide suitable illumination of aisles in high-bay storage facilities and production areas even when mounted at heights of 6–10 m. Made from anodised polished aluminium and in versions suitable for single and double light source modules, the reflector provides direct narrow beam light distribution.



PRESTIGE
LOUVRES / DIFFUSERS

R1 FDH PAR-Vm
A parabolic micro louvre designed for use with a single FDH light source. Its double-curved parabola construction makes it ideal for use in areas with high requirements for visual comfort and where display screen equipment is used. Made of anodised polished MIRO 4 aluminium, the louvre can be used in combination with the R1 FDH L1 reflector.

R1 FDH PAR MAT-Vm
A parabolic micro louvre designed for use with a single FDH light source. Its double-curved parabola construction makes it ideal for use in areas with high requirements for visual comfort and where display screen equipment is used. Made of anodised matt MIRO 5 aluminium, the louvre can be used in combination with the R1 FDH L1 reflector.

R12 FDH PAR-V
A parabolic louvre designed for use with one or two FDH light sources. Its double-curved parabola construction makes it ideal for use in areas with high requirements for visual comfort and where display screen equipment is used. Made of anodised polished aluminium, the louvre can be used in combination with the R12 FDH L1, R12 FDH L2 and R12 FDH L4 reflectors.

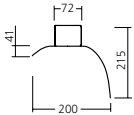
R12 FDH PAR MAT-V
A parabolic louvre designed for use with one or two FDH light sources. Its double-curved parabola construction makes it ideal for use in areas with high requirements for visual comfort and where display screen equipment is used. Made of anodised matt aluminium, the louvre can be used in combination with the R12 FDH L1, R12 FDH L2 and R12 FDH L4 reflectors.

R12 FDH LA
A parabolic louvre designed for use with one or two FDH light sources. It offers an excellent quality to price ratio by providing good control of the light and higher luminous efficacy, making it ideal for use in production areas and workshops. Made of anodised polished aluminium with matt scored cross blades, the louvre can be used in combination with the R12 FDH L1, R12 FDH L2 and R12 FDH L4 reflectors.

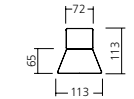
R12 FDH LB
A parabolic louvre designed for use with one or two FDH light sources. Made of white painted aluminium with scored cross blades, the louvre can be used in combination with the R12 FDH L1, R12 FDH L2 and R12 FDH L4 reflectors.

R12 FDH PRISMATIC
A decorative prismatic closed optical part suitable for use with one or two FDH light sources. It provides a wider beam spread making it suitable for use in rooms where mechanical protection of light sources is required. The PMMA diffuser is suitable for combination with the R12 FDH L1, R12 FDH L2 and R12 FDH L4 reflectors.

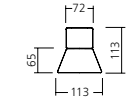
R12 (FDH) AL ASYMMETRIC
This asymmetric reflector allows for the illumination of walls and displays while maintaining a uniform appearance with standard luminaires. Suitable for use in schools, offices, production areas and workshops, it is used mainly for the lighting of walls, boards and shelving. It is available in versions suitable for single and double light source modules



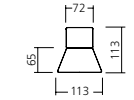
R12 FDH AL
A wide reflector suitable for use in mid-height installations where high illumination levels and low energy consumption are required. Made from anodised polished aluminium and in versions suitable for single and double light source modules, the reflector provides direct wide beam light distribution.



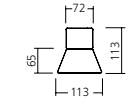
R12 FDH L1
A wide reflector suitable for use in installations where high illumination levels and low energy consumption are required. Made from 0.6 mm sheet steel with a white power coating and in versions suitable for single and double light source modules, the reflector provides direct wide beam light distribution.



R12 FDH L2
A perforated wide reflector suitable for use in representative areas where high illumination levels and low energy consumption are required. The perforations enable illumination also of the ceiling with a decorative effect to create a pleasant atmosphere.



R12 FDH L4
A perforated wide reflector suitable for use in representative areas where high illumination levels and low energy consumption are required. The perforations enable illumination also of the ceiling with a decorative effect to create a pleasant atmosphere.

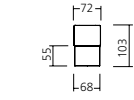


REP R12 – reflector end piece
A self-extinguishing ABS plastic cover used to finish open ends of R12 FDH L1, R12 FDH L2 reflectors. End pieces must be ordered separately.

RCP R12 AL – R12 AL reflector connector
Reflector connectors must be ordered separately.

RCP R12 – R12 L1, R12 L2, R12 L4 reflector connectors
Reflector connectors must be ordered separately.

R1 FDH L1
A reflector designed for use with a single FDH light source. Made from 0.6 mm sheet steel with a white power coating, the reflector provides direct wide beam light distribution.

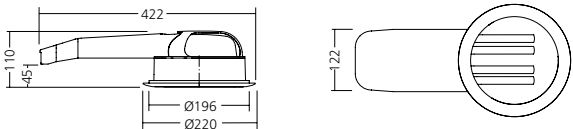
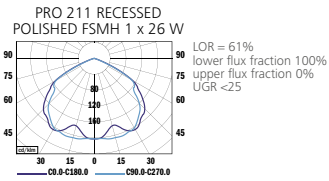


PRO 211 RECESSED
POLISHED / MATT / FACET
FSQ / FSMH

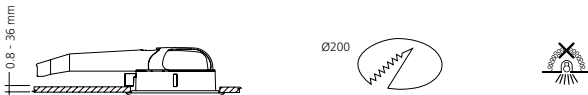


Pro 211 Recessed

PHOTOMETRY



MOUNTING



TYPE	OPTICAL SYSTEM REFLECTOR			POWER (W)	LIGHT SOURCE	LAMP HOLDER	EMERGENCY UNIT		EEC	WEIGHT (kg)
	POLISHED	MATT	FACET				1H	3H		
PRO 211 RECESSED	•	•	•	1 x 13	FSQ	G24q-1	•	•	A	1.1
PRO 211 RECESSED	•	•	•	1 x 18	FSQ	G24q-2	•	•	A / B	1.1
PRO 211 RECESSED	•	•	•	1 x 13	FSMH	GX24q-1	•	•	A	1.1
PRO 211 RECESSED	•	•	•	1 x 18	FSMH	GX24q-2	•	•	A / B	1.1
PRO 211 RECESSED	•	•	•	1 x 26	FSMH	GX24q-3	•	•	A	1.1
PRO 211 RECESSED	•	•	•	1 x 32	FSMH	GX24q-3	•	•	A	1.1
PRO 211 RECESSED	•	•	•	2 x 13	FSQ	G24q-1	•	•	A	1.1
PRO 211 RECESSED	•	•	•	2 x 18	FSQ	G24q-2	•	•	A / B	1.1
PRO 211 RECESSED	•	•	•	2 x 13	FSMH	GX24q-1	•	•	A	1.1
PRO 211 RECESSED	•	•	•	2 x 18	FSMH	GX24q-2	•	•	A / B	1.1
PRO 211 RECESSED	•	•	•	2 x 26	FSMH	GX24q-3	•	•	A	1.1



POLISHED



MATT



FACET



DOWNLIGHTS



EN

Mounting
Ceiling recessed
Light source
Compact fluorescent lamp (FSMH/FSQ)
Optical system
Polished/matt/facet reflector (PRE/MRE/FRE)
Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Emergency unit variant (1H/3H)
Materials
Housing: polycarbonate
Reflector: polished/matt/facet aluminium
Trim: die-cast aluminium
Installation plate: galvanised sheet steel
Surface finish
Trim: white RAL 9003 (W03)

DE

Montage
Einbauleuchte
Lichtquelle
Kompakte Leuchtstofflampe (FSMH/FSQ)
Optisches System
Polierter/mattier/facettierter Reflektor (PRE/MRE/FRE)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Notbeleuchtung Variante (1H/3H)
Material
Körper: Polycarbonat
Reflektor: poliertes/mattes/facettierte Aluminium
Einfassung: Aluminiumdruckguss
Installationsplatte: verzinktes Blech
Oberflächenveredelung
Einfassung: weiss RAL 9003 (W03)

FR

Montage
Plafonnier encastrable
Source lumineuse
Lampe fluorescente compacte (FSMH/FSQ)
Système optique
Réflecteur poli/mat/facetté (PRE/MRE/FRE)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Variante de l'unité de secours (1H/3H)
Matériels
Corps: polycarbonate
Réflecteur: aluminium à l'aspect poli/mat
Moulure: aluminium moulé sous pression
Plaque d'installation: tôle d'acier galvanisée
Finition de surface
Moulure: blanc RAL 9003 (W03)

SK

Montáž
Vsadené
Svetelný zdroj
Kompaktná fluorescenčná žiarivka (FSMH/FSQ)
Optický systém
Leštený/matný/fazetový reflektor (PRE/MRE/FRE)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Varianta s núdzovou jednotkou (1H/3H)
Material
Teleso: polykarbonát
Reflektor: leštený/matný/fazetový hliník
Obruč: hliníkový odliatok
Inštalčná doska: galvanizovaný plech
Povrchová úprava
Obruč: biela RAL 9003 (W03)

ES

Montaje
Empotradas en el techo
Fuente luminica
Lámpara fluorescente compacta (FSMH/FSQ)
Sistema óptico
Reflector pulido/mate/facetado (PRE/MRE/FRE)
Cableado
Equipo de control electrónico FIX/DALI (ECG/EDA)
Variante unidad de emergencia (1H/3H)
Material
Cuerpo: policarbonato
Reflector: aluminio pulido/mate/facetado
Reborde: aluminio presofundido
Placa de instalación: lámina de acero galvanizado
Tratamiento de la superficie
Reborde: blanco RAL 9003 (W03)

IT

Installazione
Ad incasso a soffitto
Sorgente luminosa
Lampada fluorescente compatta (FSMH/FSQ)
Sistema ottico
Riflettore lucido/opaco/sfaccettato (PRE/MRE/FRE)
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Variante unità di emergenza (1H/3H)
Materiali
Corpo: polycarbonato
Riflettore: alluminio lucido/opaco/sfaccettato
Profilo: pressofusione di alluminio
Piastra di supporto: lamina in acciaio zincato
Finitura
Profilo: bianco RAL 9003 (W03)

RU

Установка
Потолочная встраиваемая
Источник света
Компактная люминесцентная лампа (FSMH/FSQ)
Оптическая система
Шлифованный/матовый/рифленый отражатель (PRE/MRE/FRE)
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
блок аварийного освещения (1H/3H)
Материал
Корпус: поликарбонат
Отражатель: шлифованный/матовый/рифленый алюминий
Накладка: литой алюминий
Монтажная пластина: гальванизированная листовая сталь
Отделка поверхности
Накладка: белый RAL 9003 (W03)

PRO 212 RECESSED
CLEAR / OPAL / PRISMA
FSQ / FSMH

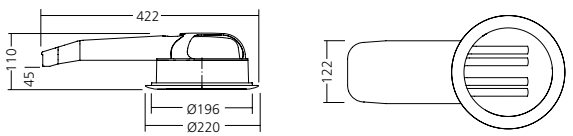
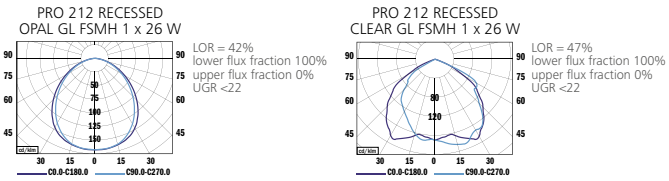


Pro 212 Recessed

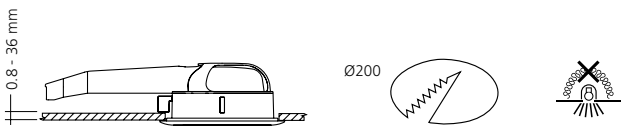


EN	DE	FR	SK	ES	IT	RU
Mounting Ceiling recessed Light source Compact fluorescent lamp (FSMH/FSQ) Optical system Polished/matt/facet reflector (PRE/MRE/FRE) Opal/prismatic/transparent diffuser (OPD/PRD/TRD) Wiring Electronic control gear FIX/DALI (ECG/EDA) Emergency unit variant (1H/3H) Materials Housing: polycarbonate Reflector: polished/matt/facet aluminium Reflector cover: hardened glass (sandblasted/transparent), polycarbonate (transparent) Trim: die-cast aluminium Installation plate: galvanised sheet steel Surface finish Trim: white RAL 9003 (W03) Accessories Decorative elements and glasses	Montage Einbauleuchte Lichtquelle Kompakte Leuchtstofflampe (FSMH/FSQ) Optisches System Polierter/matter/facettierter Reflektor (PRE/MRE/FRE) Opal/prismatisch/durchsichtig Diffusor (OPD/PRD/TRD) Vorschaltgerät Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA) Notbeleuchtung Variante (1H/3H) Material Körper: Polycarbonat Reflektor: poliertes/mattes/facettiertes Aluminium Reflektorabdeckung: gehärtetes Glas (sandgestrahlt/transparent), Polycarbonat (transparent) Einfassung: Aluminiumdruckguss Installationsplatte: verzinktes Blech Oberflächenveredelung Moulure: weiss RAL 9003 (W03) Zubehör Dekorelemente und Glasvarianten	Montage Plafonnier encastrable Source lumineuse Lampe fluorescente compacte (FSMH/FSQ) Système optique Réflecteur poli/mat/facetté (PRE/MRE/FRE) Diffuseur opale/prismatique/transparente (OPD/PRD/TRD) Équipement électrique Ballast électronique FIX/DALI (ECG/EDA) Variante de l'unité de secours (1H/3H) Matériels Corps: polycarbonate Réflecteur: aluminium à l'aspect/poli/mat Protection du réflecteur: verre trempé (sablé/transparent), polycarbonate (transparent) Moulure: aluminium moulé sous pression Plaque d'installation: tôle d'acier galvanisée Finition de surface Moulure: blanc RAL 9003 (W03) Accessoires Éléments décoratifs et verrerie	Montáž Vsadené Svetelný zdroj Kompaktná fluorescenčná žiarivka (FSMH/FSQ) Optický systém Leštený/matný/fazetový reflektor (PRE/MRE/FRE) opálový/prizmatický/transparentný difúzor (OPD/PRD/TRD) Elektrická výbava Elektronický predradník FIX/DALI (ECG/EDA) Varianta s núdzovou jednotkou (1H/3H) Material Teleso: polycarbonát Reflektor: leštený/matný/fazetový hliník Kryt reflektora: tvrdené sklo (pieskované/číre), polycarbonát (transparentný) Obruč: hliníkový odliatok Inštalčná doska: galvanizovaný plech Povrchová úprava Obruč: biela RAL 9003 (W03) Príslušenstvo Dekoratívne prvky a sklá	Montaje Empotradas en el techo Fuente luminica Lámpara fluorescente compacta (FSMH/FSQ) Sistema óptico Reflector pulido/mate/facetado (PRE/MRE/FRE) Difusor opalescente/prismático/transparente (OPD/PRD/TRD) Cableado Equipo de control electrónico FIX/DALI (ECG/EDA) Variante unidad de emergencia (1H/3H) Material Cuerpo: policarbonato Reflector: aluminio pulido/mate/facetado Cubierta del reflector: vidrio endurecido (pulido con arena/transparente), policarbonato (transparente) Reborde: aluminio presofundido Placa de instalación: lámina de acero galvanizado Tratamiento de la superficie Reborde: blanco RAL 9003 (W03) Accesorios Elementos y vidrios decorativos	Installazione Ad incasso a soffitto Sorgente luminosa Lampada fluorescente compatta (FSMH/FSQ) Sistema ottico Riflettore lucido/opaco/sfaccettato (PRE/MRE/FRE) Diffusore opale/prismatico/transparente (OPD/PRD/TRD) Cablaggio Ballast elettronico FIX/DALI (ECG/EDA) Variante unità di emergenza (1H/3H) Materiali Corpo: polycarbonato Riflettore: alluminio lucido/opaco/sfaccettato Copertura del riflettore: vetro temperato (sabbato /transparente), policarbonato (transparente) Profilo: pressofusione di alluminio Piastra di supporto: lamina in acciaio zincato Finitura Profilo: bianco RAL 9003 (W03) Accessori Elementi e vetri decorativi	Установка Потолочная встроенная Источник света Компактная люминесцентная лампа (FSMH/FSQ) Оптическая система Шлифованный/матовый/рифленый отражатель (PRE/MRE/FRE) матовый/микропризматический Рассеиватель (OPD/PRD/TRD) Электрическое оснащение Электронный аппарат FIX/DALI (ECG/EDA) блок аварийного освещения (1H/3H) Материал Корпус: поликарбонат Отражатель: шлифованный/матовый/рифленый алюминий Крышка отражателя: закаленное стекло (обработанное пескоструйным аппаратом/прозрачные), поликарбонат (прозрачные) Накладка: литой алюминий Монтажная пластина: гальванизированная листовая сталь Отделка поверхности Накладка: белый RAL 9003 (W03) Аксессуары Декоративные элементы и стекла

PHOTOMETRY



MOUNTING

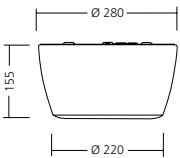
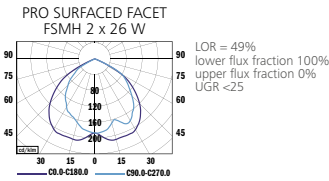


TYPE	OPTICAL SYSTEM						POWER	LIGHT SOURCE	LAMP HOLDER	EMERGENCY UNIT		EEC	WEIGHT
	REFLECTOR			COVER						1H	3H		
	POLISHED	MATT	FACET	TRANSP.	OPAL	PRISMA							
PRO 212 RECESSED	*	*	*	*	*	*	1 x 13	FSQ	G24q-1	*	*	A	1.3
PRO 212 RECESSED	*	*	*	*	*	*	1 x 18	FSQ	G24q-2	*	*	A / B	1.3
PRO 212 RECESSED	*	*	*	*	*	*	1 x 13	FSMH	GX24q-1	*	*	A	1.3
PRO 212 RECESSED	*	*	*	*	*	*	1 x 18	FSMH	GX24q-2	*	*	A / B	1.3
PRO 212 RECESSED	*	*	*	*	*	*	1 x 26	FSMH	GX24q-3	*	*	A	1.3
PRO 212 RECESSED	*	*	*	*	*	*	1 x 32	FSMH	GX24q-3	*	*	A	1.3
PRO 212 RECESSED	*	*	*	*	*	*	2 x 13	FSQ	G24q-1	*	*	A	1.3
PRO 212 RECESSED	*	*	*	*	*	*	2 x 18	FSQ	G24q-2	*	*	A / B	1.3
PRO 212 RECESSED	*	*	*	*	*	*	2 x 13	FSMH	GX24q-1	*	*	A	1.3
PRO 212 RECESSED	*	*	*	*	*	*	2 x 18	FSMH	GX24q-2	*	*	A / B	1.3
PRO 212 RECESSED	*	*	*	*	*	*	2 x 26	FSMH	GX24q-3	*	*	A	1.3

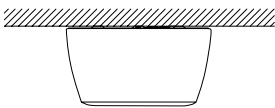
PRO SURFACED
FACET
FSMH



PHOTOMETRY



MOUNTING



TYPE	OPTICAL SYSTEM REFLECTOR FACET	POWER (W)	LIGHT SOURCE	LAMP HOLDER	EMERGENCY UNIT		EEC	WEIGHT (kg)
					1H	3H		
PRO SURFACED	•	1 x 18	FSMH	GX24q-2	•	•	A	1.8
PRO SURFACED	•	1 x 26	FSMH	GX24q-3	-	-	A	1.8
PRO SURFACED	•	1 x 32	FSMH	GX24q-3	-	-	A	1.8
PRO SURFACED	•	2 x 18	FSMH	GX24q-2	•	•	A	1.8
PRO SURFACED	•	2 x 26	FSMH	GX24q-3	-	-	A	1.8



OPAL PC COVER



PRO GLASKON



PRO RINGLET



Pro Surfaced



EN

Mounting
Ceiling surfaced (SFD)

Light source
Compact fluorescent lamp (FSMH)

Optical system
Facet reflector (FRE)

Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Emergency unit variant (1H/3H)

Materials
Housing: sheet steel
Installation plate: galvanised sheet steel
Reflector: facet anodised aluminium
Reflector cover: hardened glass (sandblasted/transparent), PC (opal/transparent/prismatic)
Trim: die-cast aluminium

Surface finish
Housing: white RAL 9003 (W03)
Trim: white RAL 9003 (W03)

Accessories
Decorative elements and glasses

DE

Montage
Deckenleuchte (SFD)

Lichtquelle
Kompakte Leuchtstofflampe (FSMH)

Optisches System
Facettierter Reflektor (FRE)

Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Notbeleuchtung Variante (1H/3H)

Material
Körper: Stahlblech
Installationsplatte: verzinktes Blech
Reflektor: facettiertes eloxiertes Aluminium
Reflektorabdeckung: gehärtetes Glas (sandgestrahlt/transparent), PC (opal/transparent/prismatisch)
Einfassung: Aluminiumdruckguss

Oberflächenveredelung
Körper: Weiss RAL 9003 (W03)
Einfassung: weiss RAL 9003 (W03)

Zubehör
Dekorelemente und Glasvarianten

FR

Montage
Plafonnier apparent (SFD)

Source lumineuse
Lampe fluorescente compacte (FSMH)

Système optique
Facetté réflecteur (FRE)

Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Variante de l'unité de secours (1H/3H)

Matériels
Corps: tôle d'acier
Plaque d'installation: tôle d'acier galvanisée
Réflecteur: aluminium à l'aspect anodisé
Protection du réflecteur: verre trempé (sablé/transparent), PC (opal/transparent/prismatique)
Moulure: aluminium moulé sous pression

Finition de surface
Corps: blanc RAL 9003 (W03)
Moulure: blanc RAL 9003 (W03)

Accessoires
Éléments décoratifs et verrerie

SK

Montáž
Prisadené (SFD)

Svetelný zdroj
Kompaktná fluorescenčná žiarivka (FSMH)

Optický systém
Fazetový reflektor (FRE)

Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Varianta s núdzovou jednotkou (1H/3H)

Material
Teleso: oceľový plech
Inštalácia doska: galvanizovaný plech
Reflektor: anodizovaný fazetový hliník
Kryt reflektora: tvrdené sklo (pieskované/transparentné), PC (opálový/transparentný/prizmatický)
Obruč: hliníkový odliatok

Povrchová úprava
Teleso: biela RAL 9003 (W03)
Obruč: biela RAL 9003 (W03)

Príslušenstvo
Dekoratívne prvky a sklá

ES

Montaje
Sobrepuestas en el techo (SFD)

Fuente luminica
Lámpara fluorescente compacta (FSMH)

Sistema óptico
Reflector facetado (FRE)

Cableado
Equipo de control electrónico FIX/DALI (ECG/EDA)
Variante unidad de emergencia (1H/3H)

Material
Cuerpo: lámina de acero
Placa de instalación: lámina de acero galvanizado
Reflector: aluminio anodizado facetado
Cubierta del reflector: vidrio endurecido (pulido con arena/transparente), PC (ópalo/transparente/prismático)
Reborde: aluminio presofundido

Tratamiento de la superficie
Cuerpo: blanco RAL 9003 (W03)
Reborde: blanco RAL 9003 (W03)

Accesorios
Elementos y vidrios decorativos

IT

Installazione
A plafone (SFD)

Sorgente luminosa
Lampada fluorescente compatta (FSMH)

Sistema ottico
Riflettore sfaccettato (FRE)

Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Variante unità di emergenza (1H/3H)

Materiali
Corpo: lamina d'acciaio
Plastra di supporto: lamina in acciaio zincato
Riflettore: alluminio anodizzato sfaccettato
Copertura del riflettore: vetro temperato (sabbato/transparente), PC (opale/transparente/prismatico)
Profilo: pressofusione di alluminio

Finitura
Corpo: bianco RAL 9003 (W03)
Profilo: bianco RAL 9003 (W03)

Accessori
Elementi e vetri decorativi

RU

Установка
Потолочная накладная (SFD)

Источник света
Компактная люминесцентная лампа (FSMH)

Оптическая система
Рифленый отражатель (FRE)

Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Блок аварийного освещения (1H/3H)

Материал
Корпус: листовая сталь
Монтажная пластина: гальванизированная листовая сталь
Отражатель: рифленый анодированный алюминий
Крышка отражателя: закаленное стекло (обработанное пескоструйным аппаратом/прозрачные), ПЦ (матовый/прозрачные/призматический)

Отделка поверхности
Корпус: белый RAL 9003 (W03)
Накладка: белый RAL 9003 (W03)

Аксессуары
Декоративные элементы и стекла



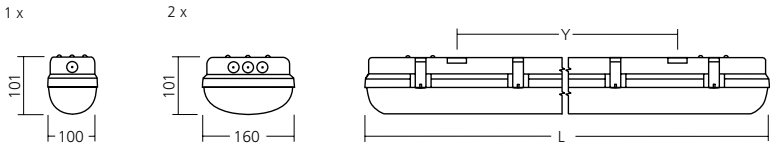
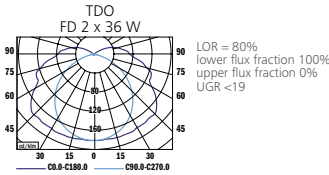


Tdo



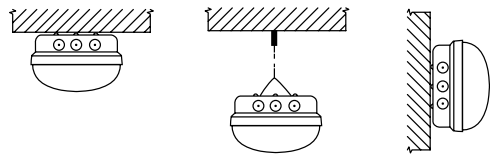
EN	DE	FR	SK	ES	IT	RU
Mounting Surfaced/Suspended (S/S) Wall mounted Light source Linear fluorescent lamp (FDH) Optical system Transparent diffuser (TRD) Wiring Electronic control gear FIX/DALI (ECG/EDA) Through wiring Emergency unit variant (1H/3H) Materials Housing: grey injected polycarbonate Diffuser: transparent injected polycarbonate Clips: polycarbonate Installation plate: white painted sheet steel Accessories Holders Rope suspension Connectors Clips: stainless steel (INOX) Additional top reflector	Montage Deckenleuchte/Hängend (S/S) Wandleuchte Lichtquelle Lineare Leuchtstofflampe (FDH) Optisches System durchsichtig Diffusor (TRD) Vorschaltgerät Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA) Laufende Verkabelung Notbeleuchtung Variante (1H/3H) Material Körper: grau Spritzguss-Polykarbonat Diffusor: transparentes Spritzguss-Polykarbonat Klips: Polykarbonat Installationsplatte: weissbeschichtetes Stahlblech Zubehör Halter Seilaufhängung Stecker Klips: rostfreier Stahl (INOX) Zusätzlicher Top-Reflektor	Montage Plafonnier apparent/Suspendu (S/S) Applique murale Source lumineuse Lampe fluorescente linéaire (FDH) Système optique Diffuseur transparente (TRD) Équipement électrique Ballast électronique FIX/DALI (ECG/EDA) Câblage traversant Variante de l'unité de secours (1H/3H) Matériels Corps: polycarbonate gris injecté Diffuseur: injecté transparent polycarbonate Barrette: polycarbonate Plaque d'installation: tôle d'acier peint en blanc Accessoires Supports Câble de suspension Connecteurs Barrette: tôle d'acier (INOX) Haut réflecteur supplémentaire	Montáž Prisadené/Závěsné (S/S) Montáž na stenu Svetelný zdroj Lineárna fluorescenčná žiarivka (FDH) Optický systém Transparentný difúzor (TRD) Elektrická výbava Elektronický predradník FIX/DALI (ECG/EDA) Pribežné vinutie Varianta s núdzovou jednotkou (1H/3H) Material Teleso: vstrekovaný šedý polykarbonát Difúzor: transparentný vstrekovaný polykarbonát Držiaky: polykarbonát Inštalčná doska: nabielo lakovaný oceľový plech Príslušenstvo Držiaky Lankový záves Konektory Držiaky: nerezová oceľ (INOX) Prídavný vrchný Reflektor	Montaje Sobrepuestas en el techo/Suspendidas (S/S) Montaje en pared Fuente luminica Lámpara fluorescente lineal (FDH) Sistema óptico Difusor transparente (TRD) Cableado Equipo de control electrónico FIX/DALI (ECG/EDA) A través de devanado Variante unidad de emergencia (1H/3H) Material Cuerpo: policarbonato gris inyectado Difusor: policarbonato inyectado transparente Enganches: policarbonato Placa de instalación: blanco lámina de acero pintada Accesorios Soportes Cable de suspensión Conectores Enganches: acero Inoxidable (INOX) Reflector superior adicional	Installazione A plafone/A sospensione(S/S) A parete Sorgente luminosa Lampada fluorescente lineare (FDH) Sistema ottico Diffusore trasparente (TRD) Cablaggio Ballast elettronico FIX/DALI (ECG/EDA) Cavi passanti Variante unità di emergenza (1H/3H) Materiali Corpo: policarbonato grigio a iniezione Diffusore: policarbonato a iniettato trasparente Clip: policarbonato Plastra di supporto: bianco lamina in acciaio verniciata Accessori Supporti Cavo di sospensione Connettori Clip: acciaio inossidabile (INOX) Riflettore superiore addizionale	Установка Потолочная накладная/Подвесная (S/S) Настенная Источник света Трубчатая люминесцентная лампа (FDH) Оптическая система Чистый рассеиватель (TRD) Электрическое оснащение Электронный аппарат FIX/DALI (ECG/EDA) Сквозная проводка блок аварийного освещения (1H/3H) Материал Корпус: инжектированный серый поликарбонат Рассеиватель: прозрачные вводят Зажимы: поликарбонат Монтажная пластина: окрашенная в белый цвет листовой стали Аксессуары Крепления Тросовый подвес Соединители Зажимы: нержавеющей сталь (INOX) Дополнительный верхний отражатель

PHOTOMETRY



	L	Y
14 / 24 W	660	366
28 / 54 W	1270	918
35 / 49 / 80 W	1570	1220

MOUNTING



TYPE	OPTICAL SYSTEM		POWER (W)	LIGHT SOURCE	LAMP HOLDER	EMERGENCY UNIT		EEC	WEIGHT (kg)
	DIFFUSER	REFLECTOR				1H	3H		
TDO	•	•	1 x 14	FDH	G5	•	•	A+ / A / B	1.3
TDO	•	•	1 x 24	FDH	G5	•	•	A+ / A / B	1.3
TDO	•	•	1 x 28	FDH	G5	•	•	A+ / A / B	2.2
TDO	•	•	1 x 35	FDH	G5	•	•	A+ / A / B	2.7
TDO	•	•	1 x 49	FDH	G5	•	•	A+ / A / B	2.7
TDO	•	•	1 x 54	FDH	G5	•	•	A+ / A / B / C	2.2
TDO	•	•	1 x 80	FDH	G5	•	•	A+ / A / B / C	2.7
TDO	•	•	2 x 14	FDH	G5	•	•	A+ / A / B	1.8
TDO	•	•	2 x 24	FDH	G5	•	•	A+ / A / B	1.8
TDO	•	•	2 x 28	FDH	G5	•	•	A+ / A / B	3.1
TDO	•	•	2 x 35	FDH	G5	•	•	A+ / A / B	3.9
TDO	•	•	2 x 49	FDH	G5	•	•	A+ / A / B	3.9
TDO	•	•	2 x 54	FDH	G5	•	•	A+ / A / B / C	3.1
TDO	•	•	3 x 14	FDH	G5	•	•	A+ / A / B	2.0
TDO	•	•	3 x 24	FDH	G5	•	•	A+ / A / B	2.0
TDO	•	•	3 x 28	FDH	G5	•	•	A+ / A / B	3.4
TDO	•	-	3 x 35	FDH	G5	•	•	A+ / A / B	4.3



REF SYMMETRIC



REF ASYMMETRIC



POLYCARBONATE CLIP



INOX CLIP



RS-S 20 L150 SQ (SQUARE SHAPE) OR RD (ROUND SHAPE)



INSTALLATION TYPES AND DIMENSIONS OVERVIEW

MARK	RCS	PB	PV, PR, PA, PF	RCD	RCB
description	RECESSED as part of product name	determined for plasterboard ceiling	determined for T-ceiling	determined for special type of T-ceiling	determined for plasterboard ceiling
holders	yes	yes	no	no / yes	yes
dimensions	-	within tolerance	within tolerance	out of tolerance	out of tolerance
installation type	RCB	RCB	RCD	RCD	RCB
ceiling type	plasterboard	plasterboard	certain type	defined or undefined type	plasterboard

PB	plasterboard	tolerance comparing to basic dimensions +/- 2 mm (luminaire frame)				
mark	standard (mm)	X min.	X max.	Y min.	Y max.	dimension range
PB1	622 x 622	620	624	620	624	(620-624) x (620-624)
PB2	1222 x 622	1220	1224	620	624	(1220-1224) x (620-624)
PB3	622 x 322	620	624	320	324	(620-624) x (320-324)
PB4	1222 x 322	1220	1224	320	324	(1220-1224) x (320-324)
PB5	322 x 322	320	324	320	324	(320-324) x (320-324)
PB6	922 x 322	920	924	320	324	(920-924) x (320-324)
PB7	1522 x 322	1520	1524	320	324	(1520-1524) x (320-324)
PB8	1822 x 322	1820	1824	320	324	(1820-1824) x (320-324)

PV	600	tolerance comparing to basic dimensions from -2 to -5 mm (T-ceiling frame)				
mark	standard (mm)	X min.	X max.	Y min.	Y max.	dimension range
PV1	595 x 595	595	598	595	598	(595-598) x (595-598)
PV2	1195 x 595	1195	1198	595	598	(1195-1198) x (595-598)
PV3	595 x 295	595	598	295	298	(595-598) x (295-298)
PV4	1195 x 295	1195	1198	295	298	(1195-1198) x (295-298)
PV5	295 x 295	295	298	295	298	(295-298) x (295-298)
PV6	895 x 295	895	898	295	298	(895-898) x (295-298)
PV7	1495 x 295	1495	1498	295	298	(1495-1498) x (295-298)
PV8	1795 x 295	1795	1798	295	298	(1795-1798) x (295-298)

PA	610	tolerance comparing to basic dimensions from -2 to -5 mm (T-ceiling frame)				
mark	standard (mm)	X min.	X max.	Y min.	Y max.	dimension range
PA1	605 x 605	605	608	605	608	(605-608) x (605-608)
PA2	1215 x 605	1215	1218	605	608	(1215-1218) x (605-608)
PA3	605 x 303	605	608	300	303	(605-608) x (300-303)
PA4	1215 x 303	1215	1218	300	303	(1215-1218) x (300-303)
PA5	302,5 x 303	300	303	300	303	(300-303) x (300-303)
PA6	910 x 303	910	913	300	303	(910-913) x (300-303)
PA7	1520 x 303	1520	1523	300	303	(1520-1523) x (300-303)
PA8	1825 x 303	1825	1828	300	303	(1825-1828) x (300-303)

PR	625	tolerance comparing to basic dimensions from -2 to -5 mm (T-ceiling frame)				
mark	standard (mm)	X min.	X max.	Y min.	Y max.	dimension range
PR1	622 x 622	620	623	620	623	(620-623) x (620-623)
PR2	1245 x 622	1245	1248	620	623	(1245-1248) x (620-623)
PR3	622 x 310	620	623	307,5	310,5	(620-623) x (307,5-310,5)
PR4	1245 x 310	1245	1248	307,5	310,5	(1245-1248) x (307,5-310,5)
PR5	310 x 310	307,5	310,5	307,5	310,5	(307,5-310,5) x (307,5-310,5)
PR6	933 x 310	932,5	935,5	307,5	310,5	(932,5-935,5) x (307,5-310,5)
PR7	1558 x 310	1557,5	1560,5	307,5	310,5	(1557,5-1560,5) x (307,5-310,5)
PR8	1870 x 310	1870	1873	307,5	310,5	(1870-1873) x (307,5-310,5)

PF	675	tolerance comparing to basic dimensions from -2 to -5 mm (T-ceiling frame)				
mark	standard (mm)	X min.	X max.	Y min.	Y max.	dimension range
PF1	670 x 670	670	673	670	673	(670-673) x (670-673)
PF2	1345 x 670	1345	1348	670	673	(1345-1348) x (670-673)
PF3	670 x 333	670	673	332,5	335,5	(670-673) x (332,5-335,5)
PF4	1345 x 333	1345	1348	332,5	335,5	(1345-1348) x (332,5-335,5)
PF5	333 x 333	332,5	335,5	332,5	335,5	(332,5-335,5) x (332,5-335,5)
PF6	1008 x 333	1007,5	1010,5	332,5	335,5	(1007,5-1010,5) x (332,5-335,5)
PF7	1683 x 333	1682,5	1685,5	332,5	335,5	(1682,5-1685,5) x (332,5-335,5)
PF8	2020 x 333	2020	2023	332,5	335,5	(2020-2023) x (332,5-335,5)

The manufacturer reserves all rights to make changes in materials and components used in production of lighting fittings.

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