FOLLOW THE RIGHT WAY

OMS®
FOLLOW THE RIGHT WAY

PRODUCTS
E-CATALOGUE
3/2018

FOLLOW THE RIGHT WAY

OMS is a company whose main focus is to be a market leader in the ever-changing lighting industry as lighting is no longer just lighting! The company wants to draw attention to the possibilities open to Smart Technologies in Urban, Retail, Office and Commercial Industry. It is bringing its own branded unique approach to the show, demonstrating where the future of lighting is taking us. We will introduce our High-Tech cost effective smart solutions by using our comprehensive product portfolio and LMS (Lighting Management System). OMS is committed to implementing innovative solutions to improve the safety and quality of our lives.



Our company started with great innovative ideas in an unknown corner of a small Eastern European country back in 1995. Since then we have risen amongst the ranks of lighting experts to become one of the fastest growing and most successful lighting companies in the world, operating in 122 countries around the globe and still expanding our market place.



LIGHTING AND US

BRINGING ORDER TO THE LIGHTING WORLD

When designing the lighting system of any 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 Solutions. 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 OMS 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 OMS 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.

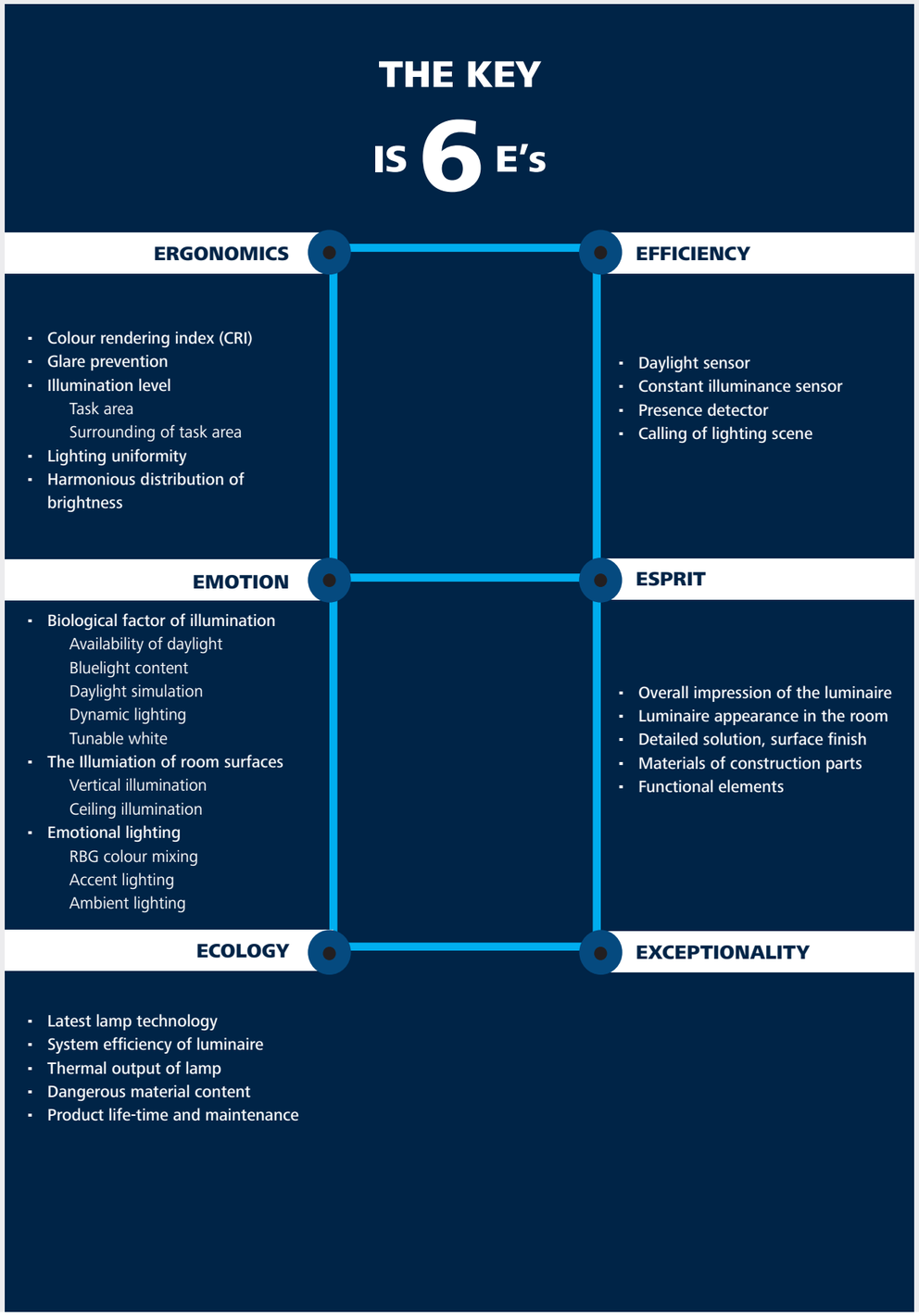
Until now there was no unifying system used in the world of lighting for evaluation of either light fixtures or lighting solutions, and every producer has got its own way for that. Consumers get lost in the vast array of criteria used and comparing neither products nor solution was an option. OMS brings order to this chaos. 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.

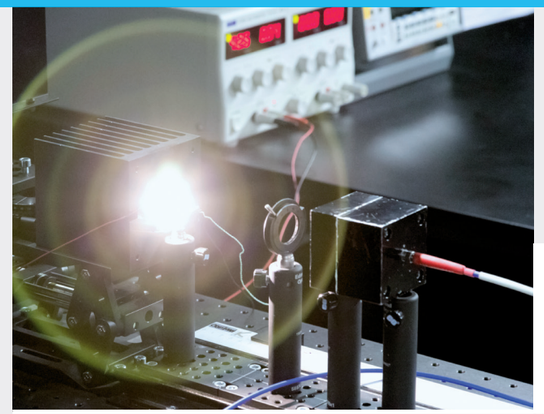
There is a six-part program behind the acronym LQS. The chapters are named ERGONOMICS, EMOTION, ECOLOGY, EFFICIENCY, ESPRIT AND EXCEPTIONALITY **or just 6 E's.**

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..





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

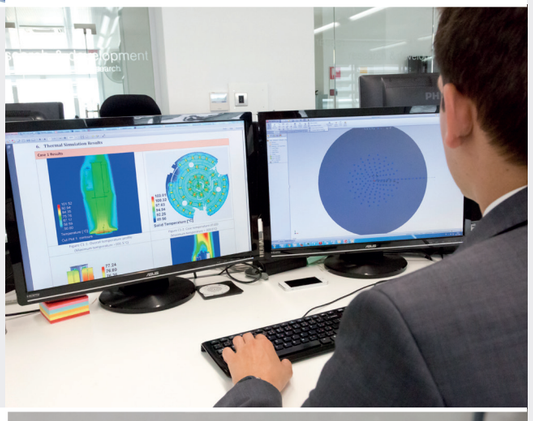


Optical design

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.



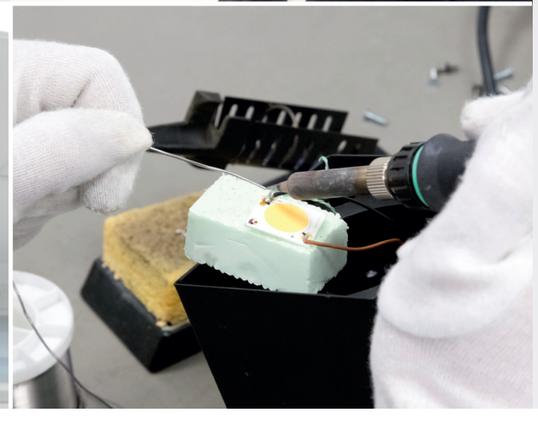




Thermal solutions

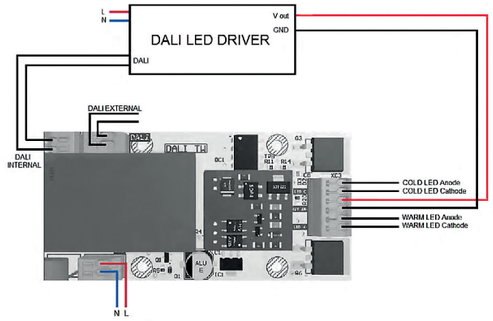
The digitisation and miniaturisation of technologies places increased emphasis on the use of optimal thermal management. We have extensive test facilities that allow us to characterise every product to ensure reliable performance and also we are active in the research and development of innovative concepts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





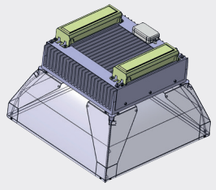
Electronic solutions

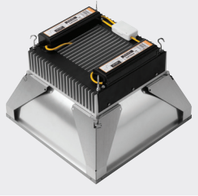
The boundaries of electronic design are consistently being broken by new technologies as well as by the innovative use of existing ones, highlighting the need for flawless development processes. We create OMS system level designs with all stages verified in-house, including DALI compatibility and long-term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

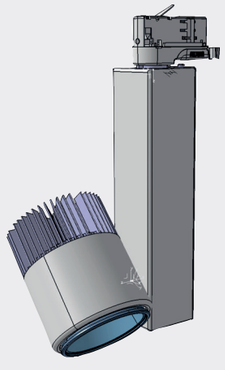


OMS TunableWhite luminaires are powered and controlled differently to other tunable white luminaires, making them simpler, more reliable and efficient.
Tunable white is perfect for use in any kind of retail or presentation environment as different light colour temperatures suit different products and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



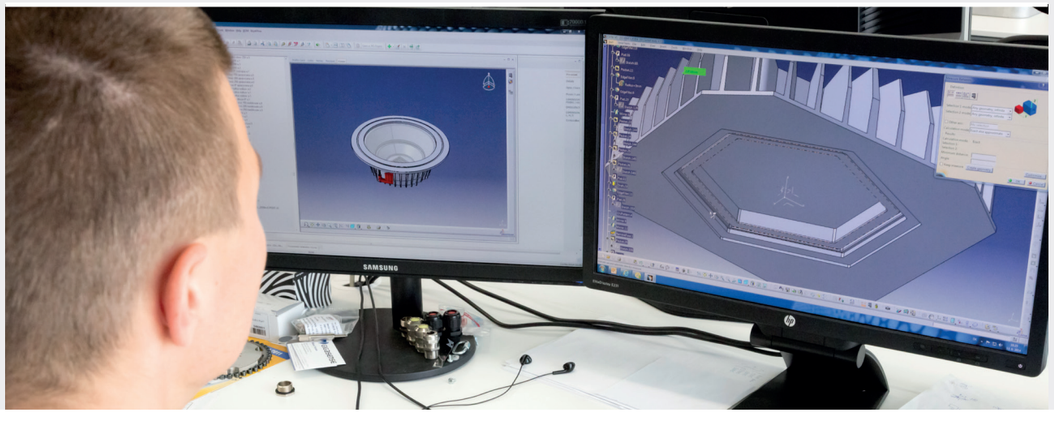






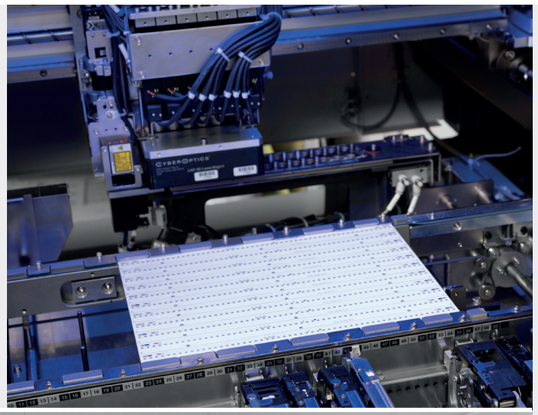
Mechanical engineering

We have more than 20 years of experience in the mechanical design of luminaires as well as in 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.



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.







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.









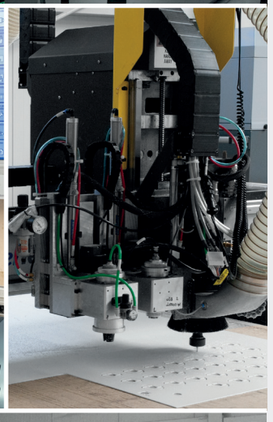


Metal & plastics production

We have been manufacturing luminaires for more than 20 years. 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.
We use a large number of computerised, automated and robotic machines. These include several injection moulding, extrusion and sealing plastics production lines.







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.

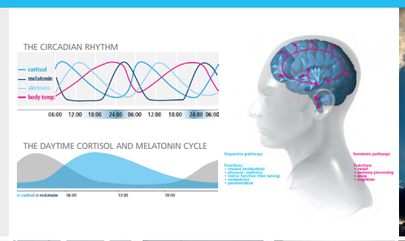


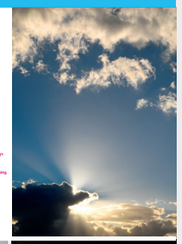
LIGHTING TRENDS

OMS is a leader in the research and application of technological and lighting trends

HUMAN CENTRIC LIGHTING

Use modern lighting technologies to support health and well-being, performance, and comfort at school and in the workplace.





RETAIL PSYCHOLOGY

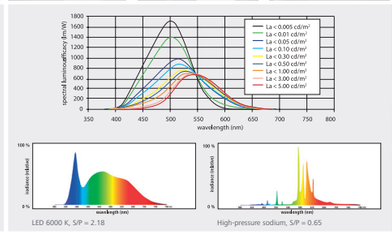
Understand how light affects our perception of and engagement with the world around us.





LIGHT & SAFETY

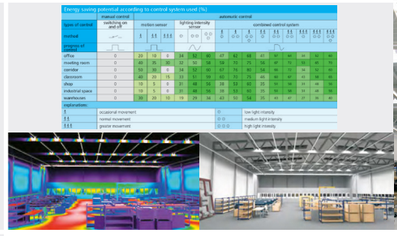
Modern street lighting saves energy and makes our night-time environment safer by increasing visual acuity and improving psychological perception.





ENERGY SAVING

Lighting accounts for the majority of the energy used in our built environment, but there are many ways to reduce consumption, costs and environmental damage.





POSITION TRACKING WITHIN OCCUPIED SPACE

In conjunction with smart phones, the lights use the latest technology to accurately search / map people with high precision (10 cm).



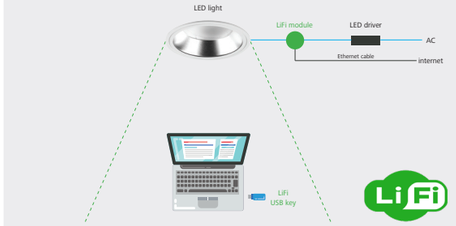
LIGHT WILL NEVER BE JUST LIGHT

Sensors that become affordable and lights connected to the internet, luminaires begin to produce, along with sensors not only related to lighting, but also to temperature and air quality.



Li-Fi

Li-Fi is a light connection, it can move data 100 times faster than Wi-Fi through light modulation. This means that large files or movies can be downloaded in seconds rather than minutes using Wi-Fi.



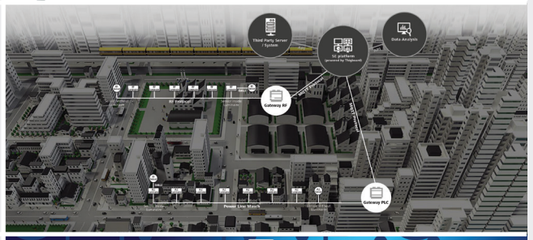
CAMERA LIGHTING CONTROL

Camera lighting controls make use of infrared, ultrasonic or microwave sensors to detect movement, which is one of the most cost effective, simple and affordable solution.



INTEGRATED STREET LIGHTING

Street lights nowadays serve as a space for advertising leaflets but they will be filled with technologies from CCTV systems, PA speakers, Wi-Fi transmitters or serve as a place for charging an electric vehicle in the near future.



SELF-LEARNING CONTROL SYSTEMS

The concept of a device that learns its own settings was promoted by Nest Laboratories in thermostats. The concept is suited to perfect lighting control so it examines how this approach can be taken to enable the system to operate itself and how it is used over time.



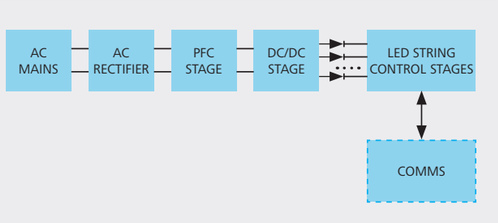
BLUETOOTH WILL WIN THE PROTOCOL WAR

Bluetooth has ratified the standard in collaboration with beacons to share information with each other. Bluetooth reach, however, will increase from the typical 10 metres that consumers are accustomed to. In 2018, it is expected that this development will lead to the interconnection of IoT lighting in retail, warehouses, offices and other spaces.



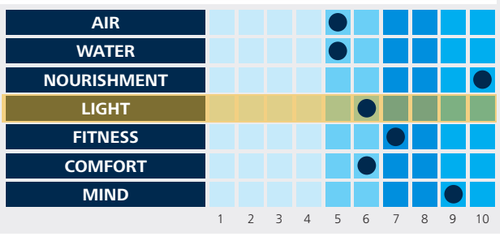
CONTROLS OUTSIDE EDB

The light controls were stored in a large black box that was in the EDB. In 2018, we can expect that artificial intelligence moves into light systems. The interface will become standard on devices using Bluetooth.



BUILDING WELL BUILDINGS WILL BECOME A STANDARD

WELL Buildings will be the standard in terms of both working conditions and productivity.



Our company is on the right way to becoming a top smart technology provider. Our strength is that we are generating our smart solutions using our comprehensive and well-known portfolio and LMS.
Our vision is to implement innovative solutions to improve the safety and quality of our lives.

Smart City

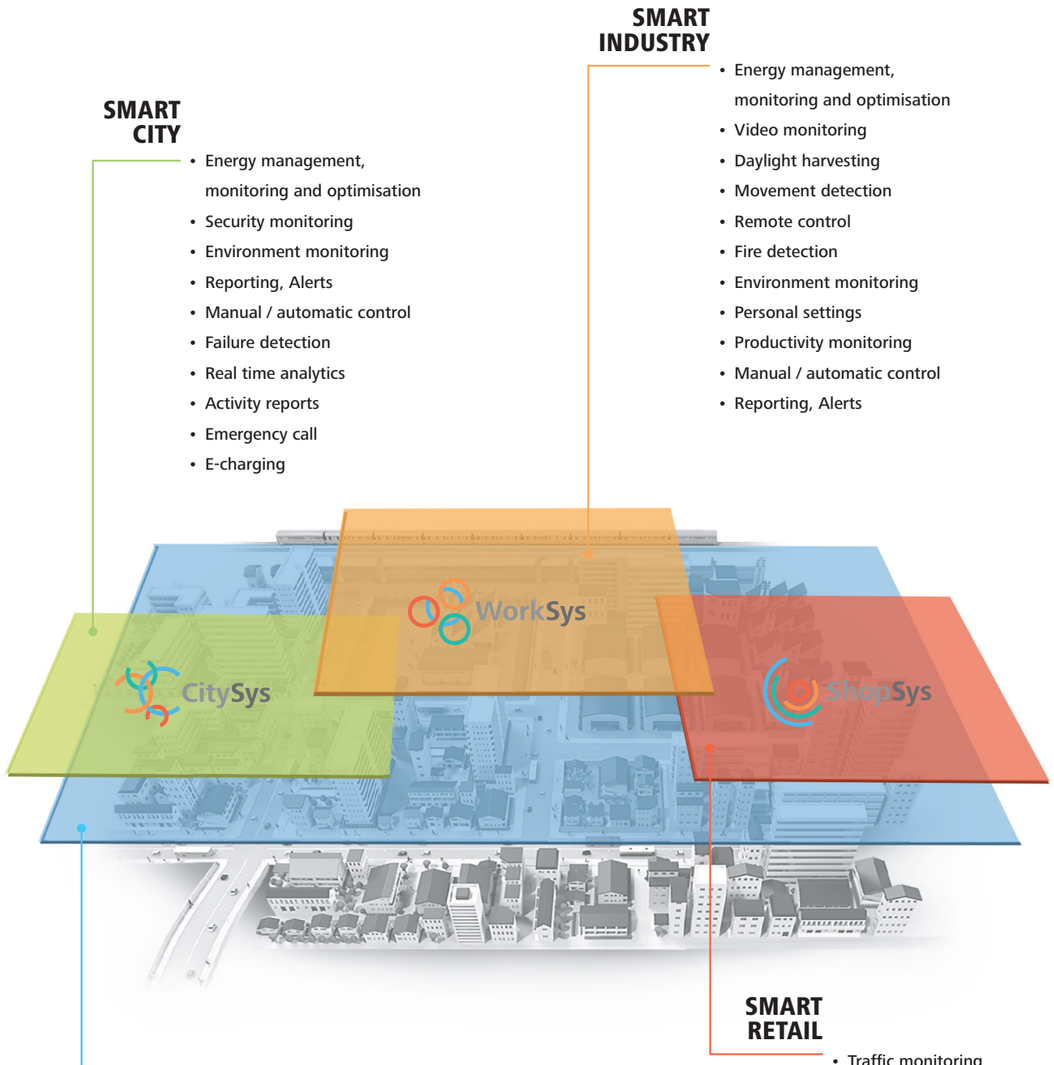
CitySys means innovative and sustainable solutions for smart cities and is able to efficiently use the public lighting network to build the infrastructure for your smart city. By replacing the luminaries in the public lighting system, it is possible to create a data collection communication network in the fastest and most cost-effective way.
Current standards for public lighting, with a focus especially on the illumination of roads, neither fully implement the findings of modern research, nor an understanding of lighting. In order to achieve the greatest energy savings it is important that all involved in the creation of standards and the manufacture of luminaires and light sources use the available knowledge to make our streets safer and more efficient.
Modern public lighting provides comfort and a high level of safety with perfect light uniformity and enhanced peripheral visual acuity. It ensures the reduction of energy consumption and CO_2 emission by using intelligent LMS (Lighting Management System).

Smart Retail

Value is not a static concept. Customer needs and market demands are constantly moving, therefore it is important that retailers identify any new theory or trend that can influence the positive purchasing behaviour of customers.
Light influences our emotions, cognition and spatial perception. The role of contemporary retail design is to link instinct with art and commerce, to communicate a brand and meet the ever-more demanding needs of customers. It must incorporate the management of people and space in such a way as to support the dominant characteristic of retail change. This requires a complex and holistic partnership between architects and designers, between psychology, technology and ergonomics. Elements do not exist in isolation from one another, and a clever balance of all will create a holistic and successful retail experience.

Smart Industry

People spend up to 80 % of their life in the workplace, increasing the need for and importance of effective and biologically efficient lighting.
Lighting technology has evolved in recent years along with our understanding of how light can effective human beings, their emotions and rhythms.
In all industrial workplaces, correctly-designed lighting systems can positively affect the employee's performance and concentration, particularly those working day and evening shifts, minimising the occurrence of failures and the risk of injury. Health and safety should have top priority at all workplaces. The right lighting level helps in reducing the number of mistakes and injuries, while good CRI and light uniformity increase visual comfort and help to improve productivity.



CLICK ON PRODUCT

RECESSED LUMINAIRES

AILIN 32


AILIN TRIMLESS 34

AILIN XTP 36


ALASTAR C SEMI-RECESSED 38


ALASTAR C RECESSED 40

ALASTAR C TRIMLESS 42

SURFACED AND SUSPENDED LUMINAIRES

ACELIN 44


ACELIN D-I 46


ACELIN XTP 48


ALASTAR R 50


ALASTAR C 52


ALASTAR E 54


ALASTAR Q 56


ALASTAR T 58


AIRN C 60


AIRN E 62


AIRN Q 64


AIRN T 66


RECESSED LUMINAIRES

ACELIN W 68


ACELIN W D-I 70


ACELIN W XTP 72


ABHAM 74


ABHAM D-I 76


TRIAN 78


CLICK ON PRODUCT

CONTINUOUS LINES

AILIN LINE 80



AILIN LINE TRIMLESS 86



ACELIN LINE 88



ACELIN D-I LINE 72



ACELIN W LINE 96



ACELIN W D-I LINE 100



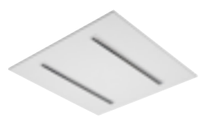
CLICK ON PRODUCT

RECESSED LUMINAIRES

HAMO TW 102
EDYN RECESSED 104
GACRUX XTP 106
DECLAN RECESSED 108
DECLAN III 110
FREYN II RECESSED 112
BATEN 114
RELAX H LED 116
EDAN RECESSED 118










SURFACED AND SUSPENDED LUMINAIRES

REBELL II 120
DUELIS II 122
EDYN SUSPENDED 124
BREAN SUSPENDED 126
LAMBDA LED DIF SURFACED 130
LAMBDA LED DIF SUSPENDED 132
LAMBDA LED D-I 134
LAMBDA LED ASYM 136
DECLAN II SURFACED / SUSPENDED 138
FREYN II SURFACED / SUSPENDED 140









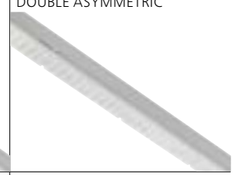


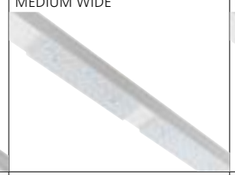

CONTINUOUS LINES AND TRUNKING SYSTEMS

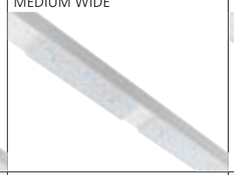
RELAX H LINE LED 142
GHADA-L 158
SMART-L MEDIUM 160
SMART-L WIDE 160
SMART-L DOUBLE ASYMMETRIC 160
SMART-L CORRIDOR 160
PRESTIGE LSP MEDIUM WIDE 162
PRESTIGE LSP MEDIUM WIDE 162
PRESTIGE LSP MEDIUM WIDE 162
PRESTIGE LS DEEP 164
PRESTIGE LS WIDE 166
PRESTIGE LS EXTRA WIDE 168
PRESTIGE LS DOUBLE ASYMMETRIC 170
PRESTIGE LS ASYMMETRIC 172
HPL SYSTEM 174

















CLICK ON PRODUCT

DOWNLIGHTS

GALE FASHION 180
GALE FOOD 182
GALE 184
PRETTUS XS 186
PRETTUS XS TRIMLESS 188
PRETTUS M 200
PRETTUS M ASYM 202
PRETTUS M TRIMLESS 204
PRETTUS L 206
PRETTUS L ASYM 208
NOVIEL L 220
NOVIEL L ASYM 222
PRETTUS S 190
PRETTUS S ASYM 192
PRETTUS S TRIMLESS 194
PRETTUS S SURFACED 196
PRETTUS S SUSPENDED 198
PRETTUS XTP 210
NOVIEL S 212
NOVIEL S ASYM 214
NOVIEL M 216
NOVIEL M ASYM 218

TRACKLIGHTS AND SPOTLIGHTS

ELYS TRACK FASHION 224
ELYS TRACK FOOD 226
ELYS TRACK TW 228
ELYS TRACK 230
ZIPAR II TRACK 232
ELYS CR FASHION 246
ELYS CR FOOD 248
ELYS CR 250
ELYS MOVABLE FASHION 252
ELYS MOVABLE FOOD 254
ELYS CS2 FASHION 260
ELYS CS2 FOOD 262
ELYS CS2 264
ZIPAR UNO RECESSED 266
ZIPAR DUO RECESSED 266
AVIOR TRACK 234
CADAN TRACK 236
TARF RECESSED 240
ZIPAR RECESSED 242
ZIPAR ADJUSTABLE 244
ELYS MOVABLE 256
ZIPAR II MOVABLE 258
ELYS CS FASHION 260
ELYS CS FOOD 262
ELYS CS 264
ZIPAR TRIO RECESSED 266
ZIPAR QUATRO-S RECESSED 266
ZIPAR SURFACED 268
ZIPAR SUSPENDED 270
ELYS SU FASHION 272

TRACKLIGHTS AND SPOTLIGHTS

ELYS SU FOOD 274
ELYS SU 276
ZIPAR II SUSPENDED 278
CADAN SUSPENDED 280






LUMINAIRES WITH HIGH PROTECTION DEGREE

GHADA 1 SUSPENDED 282
GHADA 1 SURFACED 284
GHADA 2 SUSPENDED 286
GHADA 2 SURFACED 288
DOROS RECESSED 290
PRETTUS XTP 210








POST-TOP AND SIDE-ENTRY MOUNTING

DALYA S 302
DALYA M 304
MEGIN II M 306
MEGIN L 308



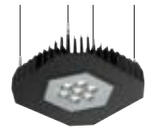



FREESTANDING

BREAN FREESTANDING 128



GRAFIAS SUSPENDED 292
GRAFIAS SURFACED 294
GRAFIAS RECESSED 296
COMIR 298
CAPRIOLA 300







CLICK ON PRODUCT

RECESSED LUMINAIRES

HARM G1 314
HARM G2 314
HARM G3 314
HARM G4 314
HARM G5 314
HARM G6 314
NESTA S 316
NESTA M 316
NESTA M ASYM 316
HARM W1 318
HARM W2 318
HARM W3 318
HARM W4 318
HARM W5 318
HARM W6 318
ELAIN W0 320
ELAIN W1 320
ELAIN W2 320
ELAIN W3 320
ELAIN W4 320






















SURFACED AND SUSPENDED LUMINAIRES

JORY 324
OLWEN I SUPENDED 330
OLWEN II SURFACED 332
OLWEN II SUPENDED 332






WALL LUMINAIRES

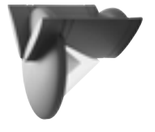
ENID W1 322
ENID W2 322
LOIS I WALL 334
LOIS II WALL 336
SABELA WALL 338
MEGAN L18 340
YANN WALL 342
IRIA WALL 344
SALLA WALL 346
NOELA WALL 348
JORY WALL 332
OLWEN I WALL 330
OLWEN II WALL 332
JORY FLOOD S 326
JORY FLOOD M 326









CLICK ON PRODUCT

BOLLARDS

LOIS I 334
LOIS II 336
SABELA 338
MEGAN 340
YANN 342







IRIA 344
SALLA 346
JORY 348





POST-TOP MOUNTING

OLWEN PMT 328
OLWEN 328
OLWEN I P1 330
OLWEN I P2 330
OLWEN I P3 330







OLWEN II P1 340
OLWEN II P2 340
OLWEN II P3 340





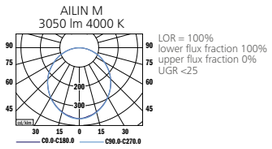
Architectural

AILIN
OPAL
LED



Ailin

PHOTOMETRY



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

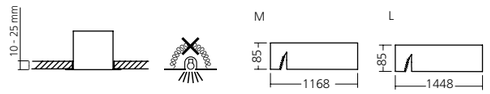








MOUNTING



TYPE	NET LUMEN OUTPUT (at Ta = 25 °C)	POWER CONSUMPTION	SYSTEM EFFICACY	COLOUR RENDERING INDEX	CORRELATED COLOUR TEMPERATURE	BEAM ANGLE	EMERGENCY UNIT 3H	WEIGHT
	(lm)	(W)	(lm/W)	CRI (Ra)	CCT (K)	(C0-180, C90-270)	(lm)	(kg)
AILIN M	2950	37	80	80+	3000	90°	130	3.0
AILIN M	3050	37	82	80+	4000	90°	140	3.0
AILIN L	3650	47	78	80+	3000	90°	170	3.7
AILIN L	3800	47	81	80+	4000	90°	180	3.7

Luminous flux tolerance +/- 10%.

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

EN

Mounting
Ceiling recessed (RCD)
Light source
LED
Optical system
Opal diffuser (OPD)
Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Emergency unit variant (3H)
Materials
Housing: extruded aluminium
Diffuser: PMMA
Holders: sheet steel
Surface finish
Housing: elox
Service lifetime
50,000 hours/L80/B10 (ta 25°C)
Ambient temperature
From -20 °C to +35 °C
(from +5°C with EM unit)

DE

Montage
Einbauleuchte (RCD)
Lichtquelle
LED
Optisches System
Opal Diffusor (OPD)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Notbeleuchtung Variante (3H)
Material
Körper: Extrudiertes Aluminium
Diffusor: PMMA
Halter: Stahlblech
Oberflächenveredelung
Körper: elox
Lebensdauer
50,000 Stunden/L80/B10 (ta 25°C)
Umgebungstemperatur
Von -20 °C bis +35 °C
(von +°C mit Notbeleuchtung)

FR

Montage
Plafonnier encastrable (RCD)
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: aluminium extrudé
Diffuseur: PMMA
Supports: tôle d'acier
Finition de surface
Corps: elox
Durée de vie utile
50,000 heures/L80/B10 (ta 25°C)
Température ambiante
De -20 °C à +35 °C
(de +5°C avec l'unite de secours)

SK

Montáž
Vsadená (RCD)
Svetelný zdroj
LED
Optický systém
Opálový difúzor (OPD)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Varianta s núdzovou jednotkou (3H)
Materiál
Teleso: extrudovaný hliník
Difúzor: PMMA
Držiak: oceľový plech
Povrchová úprava
Teleso: elox
Servisná životnosť
50,000 hodín/L80/B10 (ta 25°C)
Teplota okolia
Od -20 °C do +35 °C
(od +5°C s núdzovou jednotkou)

ES

Montaje
Empotradas en el techo (RCD)
Fuente lumínica
LED
Sistema óptico
Difusor ópalo (OPD)
Cableado
Equipo de control electronico FIX/DALI (ECG/EDA)
Variante unidad de emergencia (3H)
Material
Cuerpo: aluminio extruido
Difusor: PMMA
Soportes: lámina de acero
Tratamiento de la superficie
Cuerpo: elox
Vida útil
50,000 horas/L80/B10 (ta 25°C)
Temperatura ambiente
Desde -20 °C a +35 °C
(desde +5°C con unidad de emergencia)

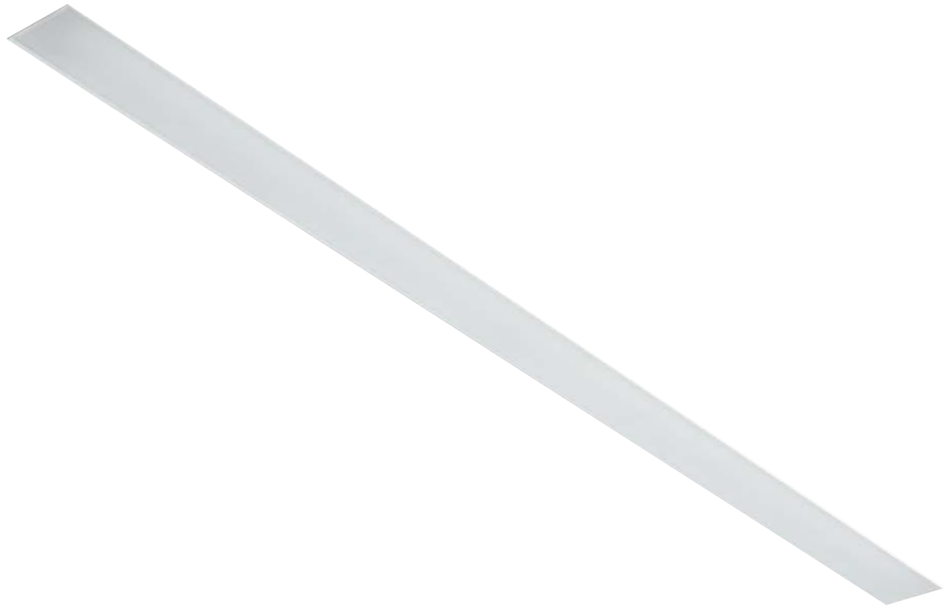
IT

Installazione
Ad incasso a soffitto (RCD)
Sorgente luminosa
LED
Sistema ottico
Diffusore opale (OPD)
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Variante unità di emergenza (3H)
Materiali
Corpo: estruso di alluminio
Diffusore: PMMA
Supporto: lamina d'acciaio
Finitura
Corpo: elox
Durata di vita
50,000 ore/L80/B10 (ta 25°C)
Temperatura d'ambiente
Da -20 °C a +35 °C
(da +5°C con unità di emergenza)

RU

Установка
Потолочная встроенная (RCD)
Источник света
LED
Оптическая система
Матовый рассеиватель (OPD)
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Блок аварийного освещения (3H)
Материал
Корпус: экструдированный алюминий
Рассеиватель: полиметилметакрилат
Крепления: листовая сталь
Отделка поверхности
Корпус: элокс
Срок службы
50,000 часов/L80/B10 (ta 25°C)
Температура окружающей среды
От -20 °C до +35 °C
(от +5°C с аварийного освещения)

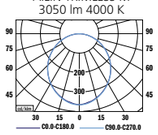
AILIN TRIMLESS
OPAL
LED



Ailin Trimless

PHOTOMETRY

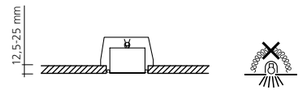
AILIN TRIMLESS M
3050 lm 4000 K



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



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)
AILIN TMS M	2950	37	80	80+	3000	90°	130	3.1
AILIN TMS M	3050	37	82	80+	4000	90°	140	3.1
AILIN TMS L	3650	47	78	80+	3000	90°	170	3.8
AILIN TMS L	3800	47	81	80+	4000	90°	180	3.8

Luminous flux tolerance +/- 10%.



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

EN

Mounting
Ceiling recessed (TMS)
Light source
LED
Optical system
Opal diffuser (OPD)
Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Emergency unit variant (3H)
Materials
Housing: extruded aluminium
Diffuser: PMMA
Holders: sheet steel
Surface finish
Housing: elox
Service lifetime
50,000 hours/L80/B10 (ta 25°C)
Ambient temperature
From -20 °C to +35 °C
(from +5°C with EM unit)

DE

Montage
Einbauleuchte (TMS)
Lichtquelle
LED
Optisches System
Opal Diffusor (OPD)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Notbeleuchtung Variante (3H)
Material
Körper: Extrudiertes Aluminium
Diffusor: PMMA
Halter: Stahlblech
Oberflächenveredelung
Körper: elox
Lebensdauer
50,000 Stunden/L80/B10 (ta 25°C)
Umgebungstemperatur
Von -20 °C bis +35 °C
(von +°C mit Notbeleuchtung)

FR

Montage
Plafonnier encastrable (TMS)
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: aluminium extrudé
Diffuseur: PMMA
Supports: tôle d'acier
Finition de surface
Corps: elox
Durée de vie utile
50,000 heures/L80/B10 (ta 25°C)
Température ambiante
De -20 °C à +35 °C
(de +5°C avec l'unite de secours)

SK

Montáž
Vsadená (TMS)
Svetelný zdroj
LED
Optický systém
Opálový difúzor (OPD)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Varianta s núdzovou jednotkou (3H)
Materiál
Teleso: extrudovaný hliník
Difúzor: PMMA
Držiak: oceľový plech
Povrchová úprava
Teleso: elox
Servisná životnosť
50,000 hodín/L80/B10 (ta 25°C)
Teplota okolia
Od -20 °C do +35 °C
(od +5°C s núdzovou jednotkou)

ES

Montaje
Empotradas en el techo (TMS)
Fuente lumínica
LED
Sistema óptico
Difusor ópalo (OPD)
Cableado
Equipo de control electronico FIX/DALI (ECG/EDA)
Variante unidad de emergencia (3H)
Material
Cuerpo: aluminio extruido
Difusor: PMMA
Soportes: lámina de acero
Tratamiento de la superficie
Cuerpo: elox
Vida útil
50,000 horas/L80/B10 (ta 25°C)
Temperatura ambiente
Desde -20 °C a +35 °C
(desde +5°C con unidad de emergencia)

IT

Installazione
Ad incasso a soffitto (TMS)
Sorgente luminosa
LED
Sistema ottico
Diffusore opale (OPD)
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Variante unità di emergenza (3H)
Materiali
Corpo: estruso di alluminio
Diffusore: PMMA
Supporto: lamina d'acciaio
Finitura
Corpo: elox
Durata di vita
50,000 ore/L80/B10 (ta 25°C)
Temperatura d'ambiente
Da -20 °C a +35 °C
(da +5°C con unità di emergenza)

RU

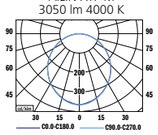
Установка
Потолочная встроенная (TMS)
Источник света
LED
Оптическая система
Матовый рассеиватель (OPD)
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Блок аварийного освещения (3H)
Материал
Корпус: экструдированный алюминий
Рассеиватель: полиметилметакрилат
Крепления: листовая сталь
Отделка поверхности
Корпус: элокс
Срок службы
50,000 часов/L80/B10 (ta 25°C)
Температура окружающей среды
От -20 °C до +35 °C
(от +5°C с аварийного освещения)

AILIN XTP
OPAL
LED



PHOTOMETRY

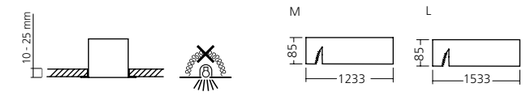
AILIN XTP M
3050 lm 4000 K



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



MOUNTING











TYPE	NET LUMEN OUTPUT (at Ta = 25 °C)	POWER CONSUMPTION	SYSTEM EFFICACY	COLOUR RENDERING INDEX	CORRELATED COLOUR TEMPERATURE	BEAM ANGLE	EMERGENCY UNIT 3H	WEIGHT
	(lm)	(W)	(lm/W)	CRI (Ra)	CCT (K)	(C0-180, C90-270)	(lm)	(kg)
AILIN XTP M	2950	37	80	80+	3000	90°	130	3.3
AILIN XTP M	3050	37	82	80+	4000	90°	140	3.3
AILIN XTP L	3650	47	78	80+	3000	90°	170	4.3
AILIN XTP L	3800	47	81	80+	4000	90°	180	4.3

Luminous flux tolerance +/- 10%.

Ailin XTP

220-240V 50-60Hz | LED | CRI 80+ Ra | CCT 3000 K | CCT 4000 K | ECG | EDA DALI | EMERGENCY | IP54

EN

Mounting
Ceiling recessed (RCD)
Light source
LED
Optical system
Opal diffuser (OPD)
Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Emergency unit variant (3H)
Materials
Housing: extruded aluminium
Diffuser: PMMA
Holders: sheet steel
Surface finish
Housing: elox
Service lifetime
50,000 hours/L80/B10 (ta 25°C)
Ambient temperature
From -20 °C to +35 °C
(from +5°C with EM unit)

DE

Montage
Einbauleuchte (RCD)
Lichtquelle
LED
Optisches System
Opal Diffusor (OPD)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Notbeleuchtung Variante (3H)
Material
Körper: Extrudiertes Aluminium
Diffusor: PMMA
Halter: Stahlblech
Oberflächenveredelung
Körper: elox
Lebensdauer
50,000 Stunden/L80/B10 (ta 25°C)
Umgebungstemperatur
Von -20 °C bis +35 °C
(von +°C mit Notbeleuchtung)

FR

Montage
Plafonnier encastrable (RCD)
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: aluminium extrudé
Diffuseur: PMMA
Supports: tôle d'acier
Finition de surface
Corps: elox
Durée de vie utile
50,000 heures/L80/B10 (ta 25°C)
Température ambiante
De -20 °C à +35 °C
(de +5°C avec l'unite de secours)

SK

Montáž
Vsadená (RCD)
Svetelný zdroj
LED
Optický systém
Opálový difúzor (OPD)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Varianta s núdzovou jednotkou (3H)
Materiál
Teleso: extrudovaný hliník
Difúzor: PMMA
Držiak: oceľový plech
Povrchová úprava
Teleso: elox
Servisná životnosť
50,000 hodín/L80/B10 (ta 25°C)
Teplota okolia
Od -20 °C do +35 °C
(od +5°C s núdzovou jednotkou)

ES

Montaje
Empotradas en el techo (RCD)
Fuente luminica
LED
Sistema óptico
Difusor ópalo (OPD)
Cableado
Equipo de control electronico FIX/DALI (ECG/EDA)
Variante unidad de emergencia (3H)
Material
Cuerpo: aluminio extruido
Difusor: PMMA
Soportes: lámina de acero
Tratamiento de la superficie
Cuerpo: elox
Vida útil
50,000 horas/L80/B10 (ta 25°C)
Temperatura ambiente
Desde -20 °C a +35 °C
(desde +5°C con unidad de emergencia)

IT

Installazione
Ad incasso a soffitto (RCD)
Sorgente luminosa
LED
Sistema ottico
Diffusore opale (OPD)
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Variante unità di emergenza (3H)
Materiali
Corpo: estruso di alluminio
Diffusore: PMMA
Supporto: lamina d'acciaio
Finitura
Corpo: elox
Durata di vita
50,000 ore/L80/B10 (ta 25°C)
Temperatura d'ambiente
Da -20 °C a +35 °C
(da +5°C con unità di emergenza)

RU

Установка
Потолочная встроенная (RCD)
Источник света
LED
Оптическая система
Матовый рассеиватель (OPD)
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Блок аварийного освещения (3H)
Материал
Корпус: экструдированный алюминий
Рассеиватель: полиметилметакрилат
Крепления: листовая сталь
Отделка поверхности
Корпус: элокс
Срок службы
50,000 часов/L80/B10 (ta 25°C)
Температура окружающей среды
От -20 °C до +35 °C
(от +5°C с аварийного освещения)

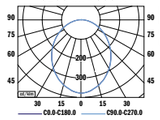
ALASTAR C SEMI-RECESSED
OPAL
LED



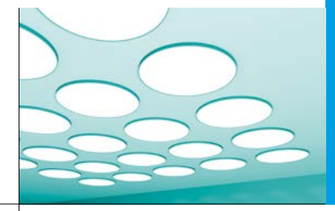
Alastar C
Semi-recessed

PHOTOMETRY

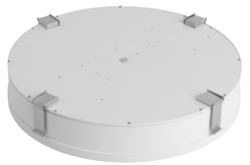
ALASTAR C SRC M
3200 lm 4000 K



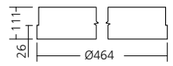
LOR = 100%
lower flux fraction 100%
upper flux fraction 0%
UGR <25



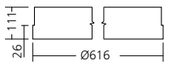




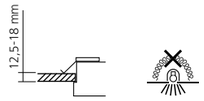
M



L



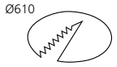
MOUNTING



M Ø460



L Ø610



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)
ALASTAR C SRC M	3450	37	93	80+	3000	110°	4.1
ALASTAR C SRC M	3600	37	97	80+	4000	110°	4.1
ALASTAR C SRC L	7550	73	103	80+	3000	110°	9.2
ALASTAR C SRC L	7800	73	107	80+	4000	110°	9.2

Luminous flux tolerance +/- 10%.

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

EN

Mounting
Ceiling recessed (SRC)
Light source
LED
Optical system
Opal diffuser (OPD)
Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Materials
Housing: extruded aluminium
Diffuser: PMMA
Holders: sheet steel
Surface finish
Housing: elox
Service lifetime
50,000 hours/L80/B10 (ta 25°C)
Ambient temperature
From -20 °C to +35 °C

DE

Montage
Einbauleuchte (SRC)
Lichtquelle
LED
Optisches System
Opal Diffusor (OPD)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Material
Körper: Extrudiertes Aluminium
Diffusor: PMMA
Halter: Stahlblech
Oberflächenveredelung
Körper: elox
Lebensdauer
50,000 Stunden/L80/B10 (ta 25°C)
Umgebungstemperatur
Von -20 °C bis +35 °C

FR

Montage
Plafonnier encastrable (SRC)
Source lumineuse
LED
Système optique
Diffuseur opale (OPD)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Matériels
Corps: aluminium extrudé
Diffuseur: PMMA
Supports: tôle d'acier
Finition de surface
Corps: elox
Durée de vie utile
50,000 heures/L80/B10 (ta 25°C)
Température ambiante
De -20 °C à +35 °C

SK

Montáž
Vsadená (SRC)
Svetelný zdroj
LED
Optický systém
Opálový difúzor (OPD)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Materiál
Teleso: extrudovaný hliník
Difúzor: PMMA
Držiak: oceľový plech
Povrchová úprava
Teleso: elox
Servisná životnosť
50,000 hodín/L80/B10 (ta 25°C)
Teplota okolia
Od -20 °C do +35 °C

ES

Montaje
Empotradas en el techo (SRC)
Fuente lumínica
LED
Sistema óptico
Difusor ópalo (OPD)
Cableado
Equipo de control electronico FIX/DALI (ECG/EDA)
Material
Cuerpo: aluminio extruido
Difusor: PMMA
Soportes: lámina de acero
Tratamiento de la superficie
Cuerpo: elox
Vida útil
50,000 horas/L80/B10 (ta 25°C)
Temperatura ambiente
Desde -20 °C a +35 °C

IT

Installazione
Ad incasso a soffitto (SRC)
Sorgente luminosa
LED
Sistema ottico
Diffusore opale (OPD)
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Materiali
Corpo: estruso di alluminio
Diffusore: PMMA
Supporto: lamina d'acciaio
Finitura
Corpo: elox
Durata di vita
50,000 ore/L80/B10 (ta 25°C)
Temperatura d'ambiente
Da -20 °C a +35 °C

RU

Установка
Потолочная встроенная (SRC)
Источник света
LED
Оптическая система
Матовый рассеиватель (OPD)
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Материал
Корпус: экструдированный алюминий
Рассеиватель: полиметилметакрилат
Крепления: листовая сталь
Отделка поверхности
Корпус: элокс
Срок службы
50,000 часов/L80/B10 (ta 25°C)
Температура окружающей среды
От -20 °C до +35 °C

ALASTAR C RECESSED

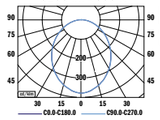
OPAL
LED



Alastar C Recessed

PHOTOMETRY

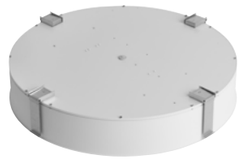
ALASTAR C RCD M
3200 lm 4000 K

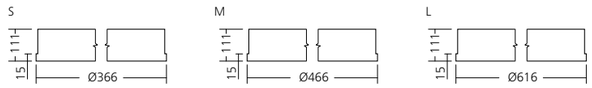


LOR = 100%
lower flux fraction 100%
upper flux fraction 0%
UGR <25

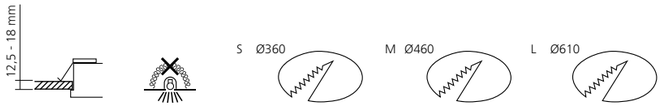








MOUNTING



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)
ALASTAR C RCD S	1700	18	94	80+	3000	100°	3.5
ALASTAR C RCD S	1800	18	100	80+	4000	100°	3.5
ALASTAR C RCD M	3450	37	93	80+	3000	100°	4.0
ALASTAR C RCD M	3600	37	97	80+	4000	100°	4.0
ALASTAR C RCD L	7550	73	103	80+	3000	100°	9.0
ALASTAR C RCD L	7800	73	107	80+	4000	100°	9.0

Luminous flux tolerance +/- 10%.

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

EN

Mounting
Ceiling recessed (RCD)
Light source
LED
Optical system
Opal diffuser (OPD)
Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Materials
Housing: extruded aluminium
Diffuser: PMMA
Holders: sheet steel
Surface finish
Housing: elox
Service lifetime
50,000 hours/L80/B10 (ta 25°C)
Ambient temperature
From -20 °C to +35 °C

DE

Montage
Einbauleuchte (RCD)
Lichtquelle
LED
Optisches System
Opal Diffusor (OPD)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Material
Körper: Extrudiertes Aluminium
Diffusor: PMMA
Halter: Stahlblech
Oberflächenveredelung
Körper: elox
Lebensdauer
50,000 Stunden/L80/B10 (ta 25°C)
Umgebungstemperatur
Von -20 °C bis +35 °C

FR

Montage
Plafonnier encastrable (RCD)
Source lumineuse
LED
Système optique
Diffuseur opale (OPD)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Matériels
Corps: aluminium extrudé
Diffuseur: PMMA
Supports: tôle d'acier
Finition de surface
Corps: elox
Durée de vie utile
50,000 heures/L80/B10 (ta 25°C)
Température ambiante
De -20 °C à +35 °C

SK

Montáž
Vsadená (RCD)
Svetelný zdroj
LED
Optický systém
Opálový difúzor (OPD)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Materiál
Teleso: extrudovaný hliník
Difúzor: PMMA
Držiak: oceľový plech
Povrchová úprava
Teleso: elox
Servisná životnosť
50,000 hodín/L80/B10 (ta 25°C)
Teplota okolia
Od -20 °C do +35 °C

ES

Montaje
Empotradas en el techo (RCD)
Fuente lumínica
LED
Sistema óptico
Difusor ópalo (OPD)
Cableado
Equipo de control electronico FIX/DALI (ECG/EDA)
Material
Cuerpo: aluminio extruido
Difusor: PMMA
Soportes: lámina de acero
Tratamiento de la superficie
Cuerpo: elox
Vida útil
50,000 horas/L80/B10 (ta 25°C)
Temperatura ambiente
Desde -20 °C a +35 °C

IT

Installazione
Ad incasso a soffitto (RCD)
Sorgente luminosa
LED
Sistema ottico
Diffusore opale (OPD)
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Materiali
Corpo: estruso di alluminio
Diffusore: PMMA
Supporto: lamina d'acciaio
Finitura
Corpo: elox
Durata di vita
50,000 ore/L80/B10 (ta 25°C)
Temperatura d'ambiente
Da -20 °C a +35 °C

RU

Установка
Потолочная встроенная (RCD)
Источник света
LED
Оптическая система
Матовый рассеиватель (OPD)
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Материал
Корпус: экструдированный алюминий
Рассеиватель: полиметилметакрилат
Крепления: листовая сталь
Отделка поверхности
Корпус: элокс
Срок службы
50,000 часов/L80/B10 (ta 25°C)
Температура окружающей среды
От -20 °C до +35 °C

ALASTAR C TRIMLESS

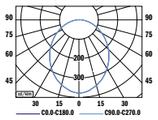
OPAL
LED



Alastar C Trimless

PHOTOMETRY

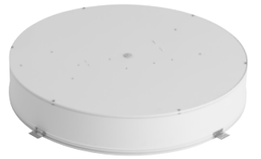
ALASTAR C TMS M
3200 lm 4000 K

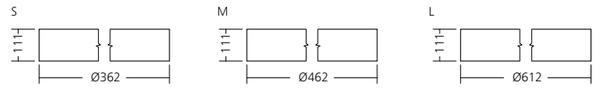


LOR = 100%
lower flux fraction 100%
upper flux fraction 0%
UGR <25

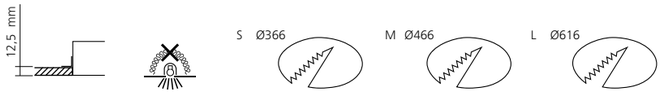






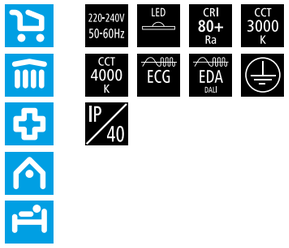


MOUNTING



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)
ALASTAR C TMS S	1700	18	94	80+	3000	105°	3.4
ALASTAR C TMS S	1800	18	100	80+	4000	105°	3.4
ALASTAR C TMS M	3450	37	93	80+	3000	105°	3.9
ALASTAR C TMS M	3600	37	97	80+	4000	105°	3.9
ALASTAR C TMS L	7550	73	103	80+	3000	105°	8.9
ALASTAR C TMS L	7800	73	107	80+	4000	105°	8.9

Luminous flux tolerance +/- 10%.



EN

Mounting
Ceiling recessed (TMS)
Light source
LED
Optical system
Opal diffuser (OPD)
Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Materials
Housing: extruded aluminium
Diffuser: PMMA
Holders: sheet steel
Surface finish
Housing: elox
Service lifetime
50,000 hours/L80/B10 (ta 25°C)
Ambient temperature
From -20 °C to +35 °C

DE

Montage
Einbauleuchte (TMS)
Lichtquelle
LED
Optisches System
Opal Diffusor (OPD)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Material
Körper: Extrudiertes Aluminium
Diffusor: PMMA
Halter: Stahlblech
Oberflächenveredelung
Körper: elox
Lebensdauer
50,000 Stunden/L80/B10 (ta 25°C)
Umgebungstemperatur
Von -20 °C bis +35 °C

FR

Montage
Plafonnier encastrable (TMS)
Source lumineuse
LED
Système optique
Diffuseur opale (OPD)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Matériels
Corps: aluminium extrudé
Diffuseur: PMMA
Supports: tôle d'acier
Finition de surface
Corps: elox
Durée de vie utile
50,000 heures/L80/B10 (ta 25°C)
Température ambiante
De -20 °C à +35 °C

SK

Montáž
Vsadená (TMS)
Svetelný zdroj
LED
Optický systém
Opálový difúzor (OPD)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Materiál
Teleso: extrudovaný hliník
Difúzor: PMMA
Držiak: oceľový plech
Povrchová úprava
Teleso: elox
Servisná životnosť
50,000 hodín/L80/B10 (ta 25°C)
Teplota okolia
Od -20 °C do +35 °C

ES

Montaje
Empotradas en el techo (TMS)
Fuente lumínica
LED
Sistema óptico
Difusor ópalo (OPD)
Cableado
Equipo de control electronico FIX/DALI (ECG/EDA)
Material
Cuerpo: aluminio extruido
Difusor: PMMA
Soportes: lámina de acero
Tratamiento de la superficie
Cuerpo: elox
Vida útil
50,000 horas/L80/B10 (ta 25°C)
Temperatura ambiente
Desde -20 °C a +35 °C

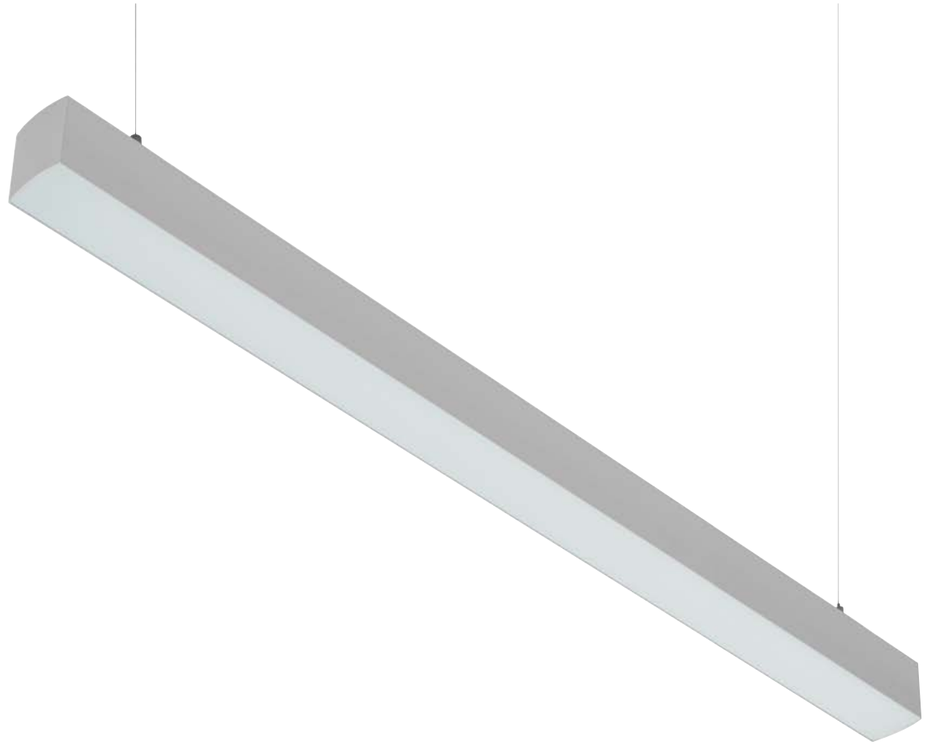
IT

Installazione
Ad incasso a soffitto (TMS)
Sorgente luminosa
LED
Sistema ottico
Diffusore opale (OPD)
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Materiali
Corpo: estruso di alluminio
Diffusore: PMMA
Supporto: lamina d'acciaio
Finitura
Corpo: elox
Durata di vita
50,000 ore/L80/B10 (ta 25°C)
Temperatura d'ambiente
Da -20 °C a +35 °C

RU

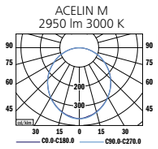
Установка
Потолочная встроенная (TMS)
Источник света
LED
Оптическая система
Матовый рассеиватель (OPD)
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Материал
Корпус: экструдированный алюминий
Рассеиватель: полиметилметакрилат
Крепления: листовая сталь
Отделка поверхности
Корпус: элокс
Срок службы
50,000 часов/L80/B10 (ta 25°C)
Температура окружающей среды
От -20 °C до +35 °C

ACELIN
OPAL
LED

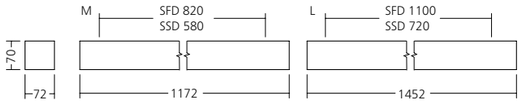


Acelin

PHOTOMETRY



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



MOUNTING









TYPE	NET LUMEN OUTPUT (at Ta = 25 °C)	POWER CONSUMPTION	SYSTEM EFFICACY	COLOUR RENDERING INDEX	CORRELATED COLOUR TEMPERATURE	BEAM ANGLE	EMERGENCY UNIT 3H	WEIGHT
	(lm)	(W)	(lm/W)	CRI (Ra)	CCT (K)	(C0-180, C90-270)	(lm)	(kg)
ACELIN M	2950	37	80	80+	3000	90°	130	3.1
ACELIN M	3050	37	82	80+	4000	90°	140	3.1
ACELIN L	3650	47	78	80+	3000	90°	170	3.4
ACELIN L	3800	47	81	80+	4000	90°	180	3.4

Luminous flux tolerance +/- 10%.

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

EN

Mounting
Ceiling surfaced (SFD)
Suspended (SSD)
Light source
LED
Optical system
Opal diffuser (OPD)
Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Emergency unit variant (3H)
External lead-in flexible cable (SSD)
Materials
Housing: extruded aluminium
Diffuser: PMMA
Rope suspension 1,5 m (SSD)
Surface finish
Housing: elox
Service lifetime
50,000 hours/L80/B10 (ta 25°C)
Ambient temperature
From -20 °C to +35 °C
(from +5°C with EM unit)

DE

Montage
Deckenleuchte (SFD)
Hängend (SSD)
Lichtquelle
LED
Optisches System
Opal Diffusor (OPD)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Notbeleuchtung Variante (3H)
Externes Anschlusskabel (SSD)
Material
Körper: Extrudiertes Aluminium
Diffusor: PMMA
Seilaufhängung 1,5 m (SSD)
Oberflächenveredelung
Körper: elox
Lebensdauer
50,000 Stunden/L80/B10 (ta 25°C)
Umgebungstemperatur
Von -20 °C bis +35 °C
(von +5°C mit Notbeleuchtung)

FR

Montage
Plafonnier apparent (SFD)
Plafonnier suspendu (SSD)
Source lumineuse
LED
Système optique
Diffuseur opale (OPD)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Variante de l'unité de secours (3H)
Artére externe (SSD)
Matériels
Corps: aluminium extrudé
Diffuseur: PMMA
Câble de suspension 1,5 m (SSD)
Finition de surface
Corps: elox
Durée de vie utile
50,000 heures/L80/B10 (ta 25°C)
Température ambiante
De -20 °C à +35 °C
(de +5°C avec l'unité de secours)

SK

Montáž
Prisadená (SFD)
Závesná (SSD)
Svetelný zdroj
LED
Optický systém
Opálový difúzor (OPD)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Varianta s núdzovou jednotkou (3H)
Prívodný napájací kábel (SSD)
Materiál
Teleso: extrudovaný hliník
Difúzor: PMMA
Lankový záves 1,5 m (SSD)
Povrchová úprava
Teleso: elox
Servisná životnosť
50,000 hodín/L80/B10 (ta 25°C)
Teplota okolia
Od -20 °C do +35 °C
(od +5°C s núdzovou jednotkou)

ES

Montaje
Sobrepuestas en el techo (SFD)
Suspendidas (SSD)
Fuente lumínica
LED
Sistema óptico
Difusor ópalo (OPD)
Cableado
Equipo de control electronico FIX/DALI (ECG/EDA)
Variante unidad de emergencia (3H)
Cable alimentador externo (SSD)
Material
Cuerpo: aluminio extruido
Difusor: PMMA
Cable de suspensión 1,5 m (SSD)
Tratamiento de la superficie
Cuerpo: elox
Vida útil
50,000 horas/L80/B10 (ta 25°C)
Temperatura ambiente
Desde -20 °C a +35 °C
(desde +5°C con unidad de emergencia)

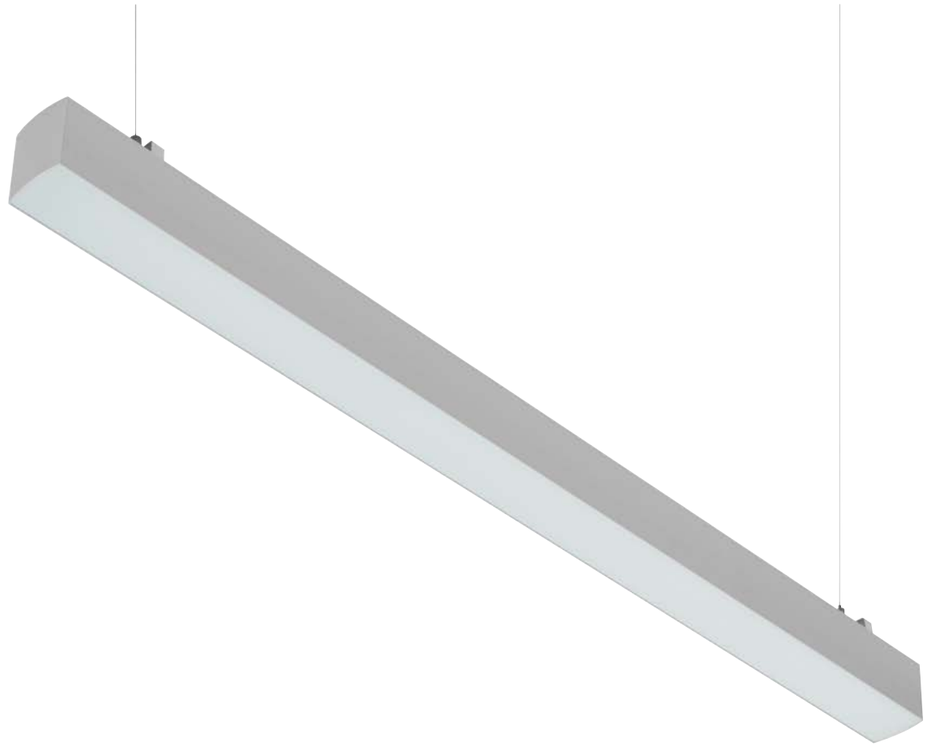
IT

Installazione
A plafone (SFD)
A sospensione (SSD)
Sorgente luminosa
LED
Sistema ottico
Diffusore opale (OPD)
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Variante unitá di emergenza (3H)
Cavetto di alimentazione esterno (SSD)
Materiali
Corpo: estruso di alluminio
Diffusore: PMMA
Cavo di sospensione 1,5 m (SSD)
Finitura
Corpo: elox
Durata di vita
50,000 ore/L80/B10 (ta 25°C)
Temperatura d'ambiente
Da -20 °C a +35 °C
(da +5°C con unitá di emergenza)

RU

Установка
Потолочная накладная (SFD)
Подвесная (SSD)
Источник света
LED
Оптическая система
Матовый рассеиватель (OPD)
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Блок аварийного освещения (3H)
Внешний свинца в гибком кабеле (SSD)
Материал
Корпус: экструдированный алюминий
Рассеиватель: полиметилметакрилат
Тросовый подвес 1,5 м (SSD)
Отделка поверхности
Корпус: элокс
Срок службы
50,000 часов/L80/B10 (ta 25°C)
Температура окружающей среды
От -20 °C до +35 °C
(от +5°C с аварийного освещения)

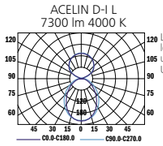
ACELIN D-I
OPAL
LED



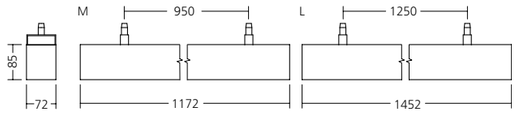
Acelin D-I

PHOTOMETRY

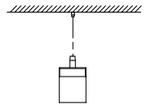
ACELIN D-I L
7300 lm 4000 K



LOR = 100%
lower flux fraction 63%
upper flux fraction 37%
UGR <22

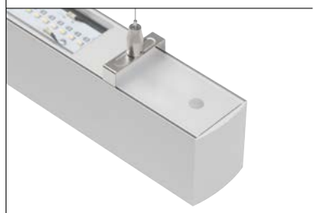


MOUNTING









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)
ACELIN D-I M	5500	59	93	80+	3000	90°	4.1
ACELIN D-I M	5750	59	97	80+	4000	90°	4.1
ACELIN D-I L	6900	74	93	80+	3000	90°	4.3
ACELIN D-I L	7300	74	99	80+	4000	90°	4.3

Luminous flux tolerance +/- 10%.

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

EN

Mounting
Suspended (SSD)
Light source
LED
Optical system
Opal diffuser (OPD)
Wiring
Electronic control gear FIX/DALI (ECG/EDA)
External lead-in flexible cable
Materials
Housing: extruded aluminium
Diffuser: PMMA
Rope suspension 1,5 m
Surface finish
Housing: elox
Service lifetime
50,000 hours/L80/B10 (ta 25°C)
Ambient temperature
From -20 °C to +35 °C

DE

Montage
Hängend (SSD)
Lichtquelle
LED
Optisches System
Opal Diffusor (OPD)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Externes Anschlusskabel
Material
Körper: Extrudiertes Aluminium
Diffusor: PMMA
Seilaufhängung 1,5 m
Oberflächenveredelung
Körper: elox
Lebensdauer
50,000 Stunden/L80/B10 (ta 25°C)
Umgebungstemperatur
Von -20 °C bis +35 °C

FR

Montage
Plafonnier suspendu (SSD)
Source lumineuse
LED
Système optique
Diffuseur opale (OPD)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Artère externe
Matériels
Corps: aluminium extrudé
Diffuseur: PMMA
Câble de suspension 1,5 m
Finition de surface
Corps: elox
Durée de vie utile
50,000 heures/L80/B10 (ta 25°C)
Température ambiante
De -20 °C à +35 °C

SK

Montáž
Závesná (SSD)
Svetelný zdroj
LED
Optický systém
Opálový difúzor (OPD)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Prívodný napájací kábel
Materiál
Teleso: extrudovaný hliník
Difúzor: PMMA
Lankový záves 1,5 m
Povrchová úprava
Teleso: elox
Servisná životnosť
50,000 hodín/L80/B10 (ta 25°C)
Teplota okolia
Od -20 °C do +35 °C

ES

Montaje
Suspendidas (SSD)
Fuente luminica
LED
Sistema óptico
Difusor ópalo (OPD)
Cableado
Equipo de control electronico FIX/DALI (ECG/EDA)
Material
Cuerpo: aluminio extruido
Difusor: PMMA
Cable de suspensión 1,5 m
Tratamiento de la superficie
Cuerpo: elox
Vida útil
50,000 horas/L80/B10 (ta 25°C)
Temperatura ambiente
Desde -20 °C a +35 °C

IT

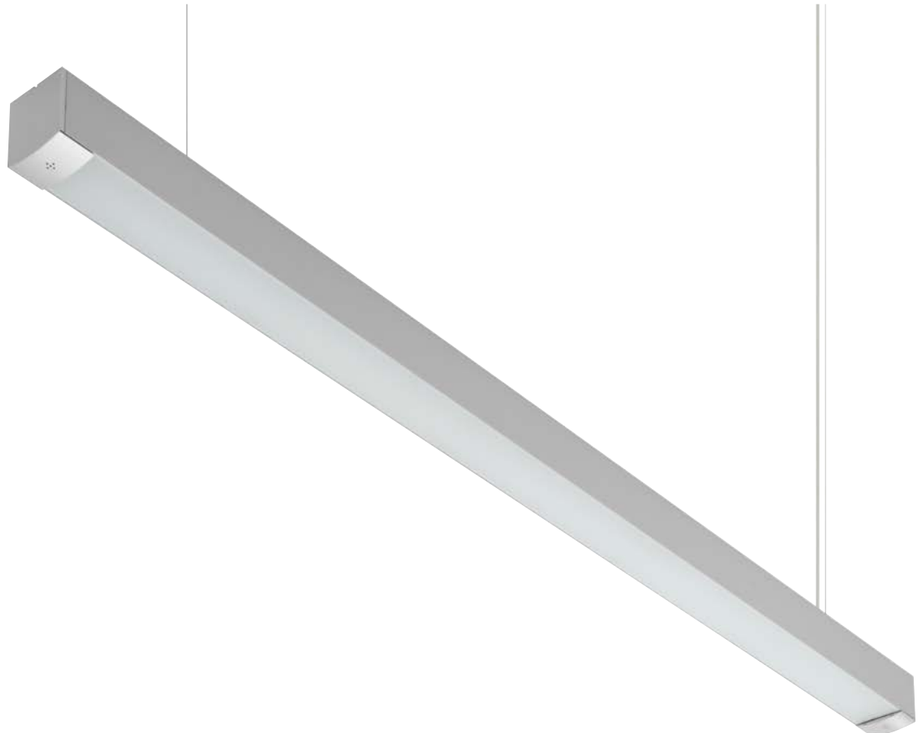
Installazione
A sospensione (SSD)
Sorgente luminosa
LED
Sistema ottico
Diffusore opale (OPD)
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Cavetto di alimentazione esterno
Materiali
Corpo: estruso di alluminio
Diffusore: PMMA
Cavo di sospensione 1,5 m
Finitura
Corpo: elox
Durata di vita
50,000 ore/L80/B10 (ta 25°C)
Temperatura d'ambiente
Da -20 °C a +35 °C

RU

Установка
Подвесная (SSD)
Источник света
LED
Оптическая система
Матовый рассеиватель (OPD)
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Внешний свинца в гибком кабеле
Материал
Корпус: экструдированный алюминий
Рассеиватель: полиметилметакрилат
Тросовый подвес 1,5 m
Отделка поверхности
Корпус: элокс
Срок службы
50,000 часов/L80/B10 (ta 25°C)
Температура окружающей среды
От -20 °C до +35 °C

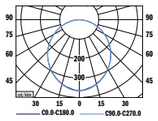
3 YEARS WARRANTY | MAINTENANCE FREE | ECO FRIENDLY | ENERGY SAVING | UV/IR | EEC A++/A+/A

ACELIN XTP
OPAL
LED



PHOTOMETRY

ACELIN XTP M
3050 lm 4000 K

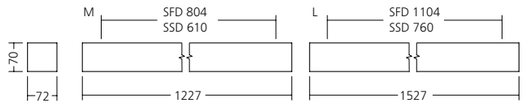


LOR = 100%
lower flux fraction 100%
upper flux fraction 0%
UGR <25









MOUNTING



Acelin XTP

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)
ACELIN XTP M	2950	37	80	80+	3000	90°	130	3.1
ACELIN XTP M	3050	37	82	80+	4000	90°	140	3.1
ACELIN XTP L	3650	47	78	80+	3000	90°	170	4.2
ACELIN XTP L	3800	47	81	80+	4000	90°	180	4.2

Luminous flux tolerance +/- 10%.

220-240V 50-60Hz · LED · CRI 80+ Ra · CCT 3000 K · CCT 4000 K · ECG · EDA DALI · EMERGENCY · IP54

EN

Mounting
Ceiling surfaced (SFD)
Suspended (SSD)
Light source
LED
Optical system
Opal diffuser (OPD)
Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Emergency unit variant (3H)
External lead-in flexible cable (SSD)
Materials
Housing: extruded aluminium
Diffuser: PMMA
Rope suspension 1,5 m (SSD)
Surface finish
Housing: elox
Service lifetime
50,000 hours/L80/B10 (ta 25°C)
Ambient temperature
From -20 °C to +35 °C
(from +5°C with EM unit)

DE

Montage
Deckenleuchte (SFD)
Hängend (SSD)
Lichtquelle
LED
Optisches System
Opal Diffusor (OPD)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Notbeleuchtung Variante (3H)
Externes Anschlusskabel (SSD)
Material
Körper: Extrudiertes Aluminium
Diffusor: PMMA
Seilaufhängung 1,5 m (SSD)
Oberflächenveredelung
Körper: elox
Lebensdauer
50,000 Stunden/L80/B10 (ta 25°C)
Umgebungstemperatur
Von -20 °C bis +35 °C
(von +5°C mit Notbeleuchtung)

FR

Montage
Plafonnier apparent (SFD)
Plafonnier suspendu (SSD)
Source lumineuse
LED
Système optique
Diffuseur opale (OPD)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Variante de l'unité de secours (3H)
Artère externe (SSD)
Matériels
Corps: aluminium extrudé
Diffuseur: PMMA
Câble de suspension 1,5 m (SSD)
Finition de surface
Corps: elox
Durée de vie utile
50,000 heures/L80/B10 (ta 25°C)
Température ambiante
De -20 °C à +35 °C
(de +5°C avec l'unité de secours)

SK

Montáž
Prisadená (SFD)
Závesná (SSD)
Svetelný zdroj
LED
Optický systém
Opálový difúzor (OPD)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Varianta s núdzovou jednotkou (3H)
Prívodný napájací kábel (SSD)
Materiál
Teleso: extrudovaný hliník
Difúzor: PMMA
Lankový záves 1,5 m (SSD)
Povrchová úprava
Teleso: elox
Servisná životnosť
50,000 hodín/L80/B10 (ta 25°C)
Teplota okolia
Od -20 °C do +35 °C
(od +5°C s núdzovou jednotkou)

ES

Montaje
Sobrepuestas en el techo (SFD)
Suspendidas (SSD)
Fuente luminica
LED
Sistema óptico
Difusor ópalo (OPD)
Cableado
Equipo de control electronico FIX/DALI (ECG/EDA)
Variante unidad de emergencia (3H)
Cable alimentador externo (SSD)
Material
Cuerpo: aluminio extruido
Difusor: PMMA
Cable de suspensión 1,5 m (SSD)
Tratamiento de la superficie
Cuerpo: elox
Vida útil
50,000 horas/L80/B10 (ta 25°C)
Temperatura ambiente
Desde -20 °C a +35 °C
(desde +5°C con unidad de emergencia)

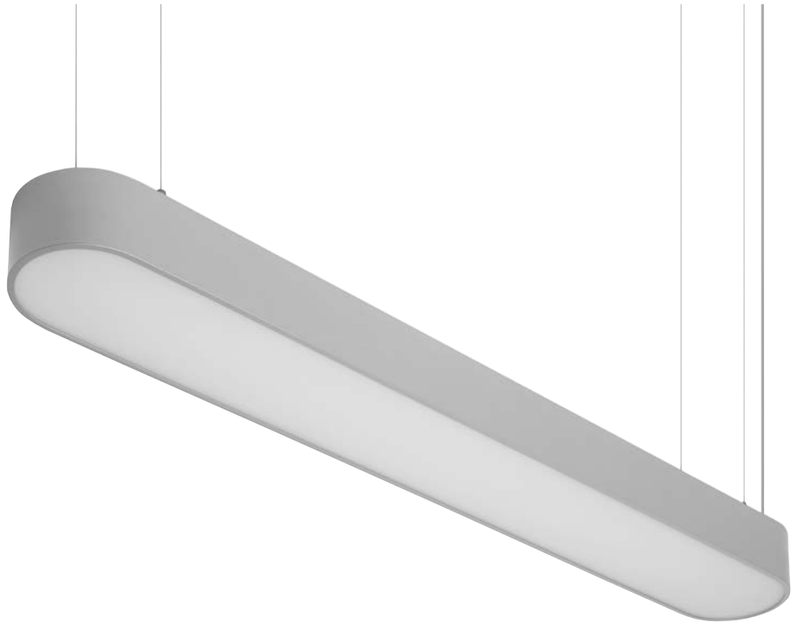
IT

Installazione
A plafone (SFD)
A sospensione (SSD)
Sorgente luminosa
LED
Sistema ottico
Diffusore opale (OPD)
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Variante unitá di emergenza (3H)
Cavetto di alimentazione esterno (SSD)
Materiali
Corpo: estruso di alluminio
Diffusore: PMMA
Cavo di sospensione 1,5 m (SSD)
Finitura
Corpo: elox
Durata di vita
50,000 ore/L80/B10 (ta 25°C)
Temperatura d'ambiente
Da -20 °C a +35 °C
(da +5°C con unitá di emergenza)

RU

Установка
Потолочная накладная (SFD)
Подвесная (SSD)
Источник света
LED
Оптическая система
Матовый рассеиватель (OPD)
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Блок аварийного освещения (3H)
Внешний свинца в гибком кабеле (SSD)
Материал
Корпус: экструдированный алюминий
Рассеиватель: полиметилметакрилат
Тросовый подвес 1,5 m (SSD)
Отделка поверхности
Корпус: элокс
Срок службы
50,000 часов/L80/B10 (ta 25°C)
Температура окружающей среды
От -20 °C до +35 °C
(от +5°C с аварийного освещения)

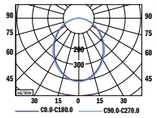
ALASTAR R
OPAL
LED



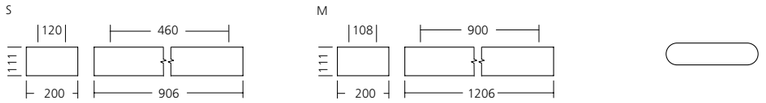
Alastar R

PHOTOMETRY

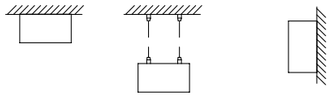
ALASTAR R S
5200 lm 3000 K



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



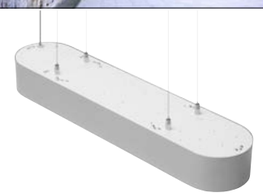
MOUNTING



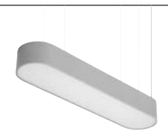
TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE (C0-180, C90-270)	EMERGENCY UNIT 3H (lm)	WEIGHT (kg)
ALASTAR R S	5200	76	68	80+	3000	95°, 100°	120	5.0
ALASTAR R S	5400	76	71	80+	4000	95°, 100°	130	5.0
ALASTAR R M	5600	76	74	80+	3000	105°	120	7.7
ALASTAR R M	5800	76	76	80+	4000	105°	130	7.7
ALASTAR R L	6200	116	53	80+	3000	105°	120	10.0
ALASTAR R L	6500	116	56	80+	4000	105°	130	10.0

Luminous flux tolerance +/- 10%.





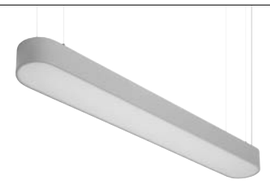
S



M



L



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

EN

Mounting
Ceiling surfaced (SFD)
Suspended (SSD)
Light source
LED
Optical system
Opal diffuser (OPD)
Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Emergency unit variant (3H)
External lead-in flexible cable (SSD)
Materials
Housing: extruded aluminium
Diffuser: PMMA
Rope suspension 1,5 m (SSD)
Surface finish
Housing: elox
Service lifetime
50,000 hours/L80/B10 (ta 25°C)
Ambient temperature
From -20 °C to +35 °C
(from +5°C with EM unit)

DE

Montage
Deckenleuchte (SFD)
Hängend (SSD)
Lichtquelle
LED
Optisches System
Opal Diffusor (OPD)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Notbeleuchtung Variante (3H)
Externes Anschlusskabel (SSD)
Material
Körper: Extrudiertes Aluminium
Diffusor: PMMA
Seilaufhängung 1,5 m (SSD)
Oberflächenveredelung
Körper: elox
Lebensdauer
50,000 Stunden/L80/B10 (ta 25°C)
Umgebungstemperatur
Von -20 °C bis +35 °C
(von +5°C mit Notbeleuchtung)

FR

Montage
Plafonnier apparent (SFD)
Plafonnier suspendu (SSD)
Source lumineuse
LED
Système optique
Diffuseur opale (OPD)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Variante de l'unité de secours (3H)
Artère externe (SSD)
Matériels
Corps: aluminium extrudé
Diffuseur: PMMA
Câble de suspension 1,5 m (SSD)
Finition de surface
Corps: elox
Durée de vie utile
50,000 heures/L80/B10 (ta 25°C)
Température ambiante
De -20 °C à +35 °C
(de +5°C avec l'unité de secours)

SK

Montáž
Prisadená (SFD)
Závesná (SSD)
Svetelný zdroj
LED
Optický systém
Opálový difúzor (OPD)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Varianta s núdzovou jednotkou (3H)
Prívodný napájací kábel (SSD)
Materiál
Teleso: extrudovaný hliník
Difúzor: PMMA
Lankový záves 1,5 m (SSD)
Povrchová úprava
Teleso: elox
Servisná životnosť
50,000 hodín/L80/B10 (ta 25°C)
Teplota okolia
Od -20 °C do +35 °C
(od +5°C s núdzovou jednotkou)

ES

Montaje
Sobrepuestas en el techo (SFD)
Suspendidas (SSD)
Fuente luminica
LED
Sistema óptico
Difusor ópalo (OPD)
Cableado
Equipo de control electronico FIX/DALI (ECG/EDA)
Variante unidad de emergencia (3H)
Cable alimentador externo (SSD)
Material
Cuerpo: aluminio extruido
Difusor: PMMA
Cable de suspensión 1,5 m (SSD)
Tratamiento de la superficie
Cuerpo: elox
Vida útil
50,000 horas/L80/B10 (ta 25°C)
Temperatura ambiente
Desde -20 °C a +35 °C
(desde +5°C con unidad de emergencia)

IT

Installazione
A plafone (SFD)
A sospensione (SSD)
Sorgente luminosa
LED
Sistema ottico
Diffusore opale (OPD)
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Variante unità di emergenza (3H)
Cavetto di alimentazione esterno (SSD)
Materiali
Corpo: estruso di alluminio
Diffusore: PMMA
Cavo di sospensione 1,5 m (SSD)
Finitura
Corpo: elox
Durata di vita
50,000 ore/L80/B10 (ta 25°C)
Temperatura d'ambiente
Da -20 °C a +35 °C
(da +5°C con unità di emergenza)

RU

Установка
Потолочная накладная (SFD)
Подвесная (SSD)
Источник света
LED
Оптическая система
Матовый рассеиватель (OPD)
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Блок аварийного освещения (3H)
Внешний свинца в гибком кабеле (SSD)
Материал
Корпус: экструдированный алюминий
Рассеиватель: полиметилметакрилат
Тросовый подвес 1,5 m (SSD)
Отделка поверхности
Корпус: элокс
Срок службы
50,000 часов/L80/B10 (ta 25°C)
Температура окружающей среды
От -20 °C до +35 °C
(от +5°C с аварийного освещения)

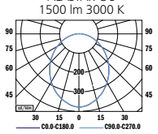
ALASTAR C
OPAL
LED



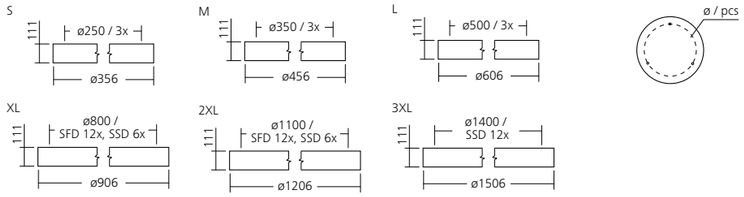
Alastar C

PHOTOMETRY

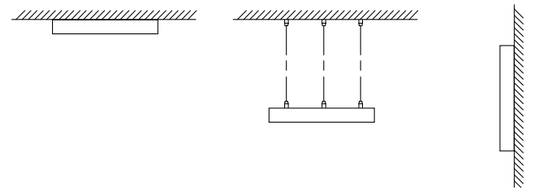
ALASTAR C S
1500 lm 3000 K



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



MOUNTING



TYPE	NET LUMEN OUTPUT (at Ta = 25 °C)	POWER CONSUMPTION	SYSTEM EFFICACY	COLOUR RENDERING INDEX	CORRELATED COLOUR TEMPERATURE	BEAM ANGLE	EMERGENCY UNIT 3H	WEIGHT
	(lm)	(W)	(lm/W)	CRI (Ra)	CCT (K)	(C0-180, C90-270)	(lm)	(kg)
ALASTAR C S	1500	19	79	80+	3000	110°	120	3.0
ALASTAR C S	1600	19	84	80+	4000	110°	130	3.0
ALASTAR C M	3100	40	78	80+	3000	110°	120	3.6
ALASTAR C M	3200	40	80	80+	4000	110°	130	3.6
ALASTAR C L	6950	73	95	80+	3000	110°	120	8.5
ALASTAR C L	7200	73	99	80+	4000	110°	130	8.5
ALASTAR C XL	11,500	110	105	80+	3000	110°	120	14.5
ALASTAR C XL	12,000	110	109	80+	4000	110°	130	14.5
ALASTAR C 2XL	16,050	153	105	80+	3000	110°	120	30.0
ALASTAR C 2XL	12,000	153	109	80+	4000	110°	130	30.0
ALASTAR C 3XL	22,150	211	105	80+	3000	110°	120	55.0
ALASTAR C 3XL	23,000	211	109	80+	4000	110°	130	55.0

Luminous flux tolerance +/- 10%.





S



M



L



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

EN

Mounting
Ceiling surfaced (SFD)
Suspended (SSD)
Light source
LED
Optical system
Opal diffuser (OPD)
Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Emergency unit variant (3H)
External lead-in flexible cable (SSD)
Materials
Housing: extruded aluminium
Diffuser: PMMA
Rope suspension 1,5 m (SSD)
Surface finish
Housing: elox
Service lifetime
50,000 hours/L80/B10 (ta 25°C)
Ambient temperature
From -20 °C to +35 °C
(from +5°C with EM unit)

DE

Montage
Deckenleuchte (SFD)
Hängend (SSD)
Lichtquelle
LED
Optisches System
Opal Diffusor (OPD)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Notbeleuchtung Variante (3H)
Externes Anschlusskabel (SSD)
Material
Körper: Extrudiertes Aluminium
Diffusor: PMMA
Seilaufhängung 1,5 m (SSD)
Oberflächenveredelung
Körper: elox
Lebensdauer
50,000 Stunden/L80/B10 (ta 25°C)
Umgebungstemperatur
Von -20 °C bis +35 °C
(von +5°C mit Notbeleuchtung)

FR

Montage
Plafonnier apparent (SFD)
Plafonnier suspendu (SSD)
Source lumineuse
LED
Système optique
Diffuseur opale (OPD)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Variante de l'unité de secours (3H)
Artére externe (SSD)
Matériels
Corps: aluminium extrudé
Diffuseur: PMMA
Câble de suspension 1,5 m (SSD)
Finition de surface
Corps: elox
Durée de vie utile
50,000 heures/L80/B10 (ta 25°C)
Température ambiante
De -20 °C à +35 °C
(de +5°C avec l'unité de secours)

SK

Montáž
Prisadená (SFD)
Závesná (SSD)
Svetelný zdroj
LED
Optický systém
Opálový difúzor (OPD)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Varianta s núdzovou jednotkou (3H)
Prívodný napájací kábel (SSD)
Materiál
Teleso: extrudovaný hliník
Difúzor: PMMA
Lankový záves 1,5 m (SSD)
Povrchová úprava
Teleso: elox
Servisná životnosť
50,000 hodín/L80/B10 (ta 25°C)
Teplota okolia
Od -20 °C do +35 °C
(od +5°C s núdzovou jednotkou)

ES

Montaje
Sobrepuestas en el techo (SFD)
Suspendidas (SSD)
Fuente luminica
LED
Sistema óptico
Difusor ópalo (OPD)
Cableado
Equipo de control electronico FIX/DALI (ECG/EDA)
Variante unidad de emergencia (3H)
Cable alimentador externo (SSD)
Material
Cuerpo: aluminio extruido
Difusor: PMMA
Cable de suspensión 1,5 m (SSD)
Tratamiento de la superficie
Cuerpo: elox
Vida útil
50,000 horas/L80/B10 (ta 25°C)
Temperatura ambiente
Desde -20 °C a +35 °C
(desde +5°C con unidad de emergencia)

IT

Installazione
A plafone (SFD)
A sospensione (SSD)
Sorgente luminosa
LED
Sistema ottico
Diffusore opale (OPD)
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Variante unitá di emergenza (3H)
Cavetto di alimentazione esterno (SSD)
Materiali
Corpo: estruso di alluminio
Diffusore: PMMA
Cavo di sospensione 1,5 m (SSD)
Finitura
Corpo: elox
Durata di vita
50,000 ore/L80/B10 (ta 25°C)
Temperatura d'ambiente
Da -20 °C a +35 °C
(da +5°C con unitá di emergenza)

RU

Установка
Потолочная накладная (SFD)
Подвесная (SSD)
Источник света
LED
Оптическая система
Матовый рассеиватель (OPD)
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Блок аварийного освещения (3H)
Внешний свинца в гибком кабеле (SSD)
Материал
Корпус: экструдированный алюминий
Рассеиватель: полиметилметакрилат
Тросовый подвес 1,5 m (SSD)
Отделка поверхности
Корпус: элокс
Срок службы
50,000 часов/L80/B10 (ta 25°C)
Температура окружающей среды
От -20 °C до +35 °C
(от +5°C с аварийного освещения)

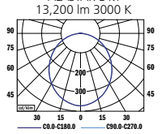
ALASTAR E
OPAL
LED



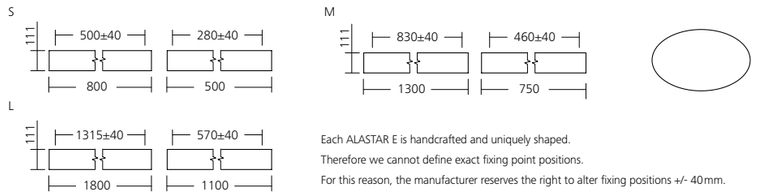
Alastar E

PHOTOMETRY

ALASTAR E M
13,200 lm 3000 K

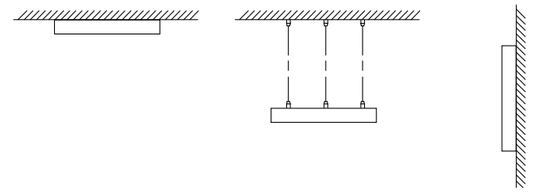


LOR = 100%
lower flux fraction 100%
upper flux fraction 0%
UGR <25



Each ALASTAR E is handcrafted and uniquely shaped.
Therefore we cannot define exact fixing point positions.
For this reason, the manufacturer reserves the right to alter fixing positions +/- 40mm.

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)
ALASTAR E S	12,000	146	82	80+	3000	103°	120	8.0
ALASTAR E S	12,650	146	87	80+	4000	103°	130	8.0
ALASTAR E M	13,200	147	90	80+	3000	105°	120	17.5
ALASTAR E M	13,850	147	94	80+	4000	105°	130	17.5
ALASTAR E L	26,000	275	95	80+	3000	107°	120	29.8
ALASTAR E L	27,300	275	99	80+	4000	107°	130	29.8

Luminous flux tolerance +/- 10%.





S



M



L



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

EN

Mounting
Ceiling surfaced (SFD)
Suspended (SSD)
Light source
LED
Optical system
Opal diffuser (OPD)
Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Emergency unit variant (3H)
External lead-in flexible cable (SSD)
Materials
Housing: extruded aluminium
Diffuser: PMMA
Rope suspension 1,5 m (SSD)
Surface finish
Housing: elox
Service lifetime
50,000 hours/L80/B10 (ta 25°C)
Ambient temperature
From -20 °C to +35 °C
(from +5°C with EM unit)

DE

Montage
Deckenleuchte (SFD)
Hängend (SSD)
Lichtquelle
LED
Optisches System
Opal Diffusor (OPD)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Notbeleuchtung Variante (3H)
Externes Anschlusskabel (SSD)
Material
Körper: Extrudiertes Aluminium
Diffusor: PMMA
Seilaufhängung 1,5 m (SSD)
Oberflächenveredelung
Körper: elox
Lebensdauer
50,000 Stunden/L80/B10 (ta 25°C)
Umgebungstemperatur
Von -20 °C bis +35 °C
(von +5°C mit Notbeleuchtung)

FR

Montage
Plafonnier apparent (SFD)
Plafonnier suspendu (SSD)
Source lumineuse
LED
Système optique
Diffuseur opale (OPD)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Variante de l'unité de secours (3H)
Artére externe (SSD)
Matériels
Corps: aluminium extrudé
Diffuseur: PMMA
Câble de suspension 1,5 m (SSD)
Finition de surface
Corps: elox
Durée de vie utile
50,000 heures/L80/B10 (ta 25°C)
Température ambiante
De -20 °C à +35 °C
(de +5°C avec l'unité de secours)

SK

Montáž
Prisadená (SFD)
Závesná (SSD)
Svetelný zdroj
LED
Optický systém
Opálový difúzor (OPD)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Varianta s núdzovou jednotkou (3H)
Prívodný napájací kábel (SSD)
Materiál
Teleso: extrudovaný hliník
Difúzor: PMMA
Lankový záves 1,5 m (SSD)
Povrchová úprava
Teleso: elox
Servisná životnosť
50,000 hodín/L80/B10 (ta 25°C)
Teplota okolia
Od -20 °C do +35 °C
(od +5°C s núdzovou jednotkou)

ES

Montaje
Sobrepuestas en el techo (SFD)
Suspendidas (SSD)
Fuente luminica
LED
Sistema óptico
Difusor ópalo (OPD)
Cableado
Equipo de control electronico FIX/DALI (ECG/EDA)
Variante unidad de emergencia (3H)
Cable alimentador externo (SSD)
Material
Cuerpo: aluminio extruido
Difusor: PMMA
Cable de suspensión 1,5 m (SSD)
Tratamiento de la superficie
Cuerpo: elox
Vida útil
50,000 horas/L80/B10 (ta 25°C)
Temperatura ambiente
Desde -20 °C a +35 °C
(desde +5°C con unidad de emergencia)

IT

Installazione
A plafone (SFD)
A sospensione (SSD)
Sorgente luminosa
LED
Sistema ottico
Diffusore opale (OPD)
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Variante unitá di emergenza (3H)
Cavetto di alimentazione esterno (SSD)
Materiali
Corpo: estruso di alluminio
Diffusore: PMMA
Cavo di sospensione 1,5 m (SSD)
Finitura
Corpo: elox
Durata di vita
50,000 ore/L80/B10 (ta 25°C)
Temperatura d'ambiente
Da -20 °C a +35 °C
(da +5°C con unitá di emergenza)

RU

Установка
Потолочная накладная (SFD)
Подвесная (SSD)
Источник света
LED
Оптическая система
Матовый рассеиватель (OPD)
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Блок аварийного освещения (3H)
Внешний свинца в гибком кабеле (SSD)
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Рассеиватель: полиметилметакрилат
Тросовый подвес 1,5 m (SSD)
Отделка поверхности
Корпус: элокс
Срок службы
50,000 часов/L80/B10 (ta 25°C)
Температура окружающей среды
От -20 °C до +35 °C
(от +5°C с аварийного освещения)

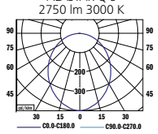
ALASTAR Q
OPAL
LED



Alastar Q

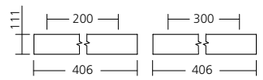
PHOTOMETRY

ALASTAR Q S
2750 lm 3000 K

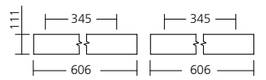


LOR = 100%
lower flux fraction 100%
upper flux fraction 0%
UGR <25

S

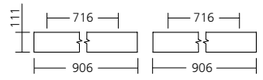


M

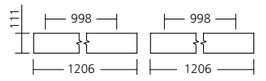




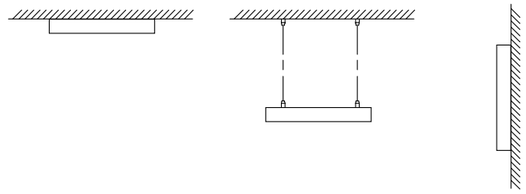
L



XL



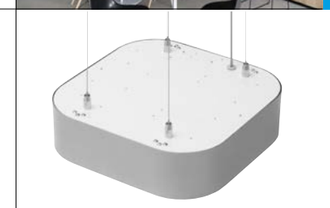
MOUNTING



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)
ALASTAR Q S	2750	37	74	80+	3000	100°	120	3.9
ALASTAR Q S	2850	37	77	80+	4000	100°	130	3.9
ALASTAR Q M	7300	75	97	80+	3000	100°	120	8.5
ALASTAR Q M	7700	75	103	80+	4000	100°	130	8.5
ALASTAR Q L	15,800	137	115	80+	3000	106°	120	17.6
ALASTAR Q L	16,600	137	121	80+	4000	106°	130	17.6
ALASTAR Q XL	32,650	272	120	80+	3000	108°	120	28.5
ALASTAR Q XL	33,950	272	125	80+	4000	108°	130	28.5

Luminous flux tolerance +/- 10%.





S



M



L



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

EN

Mounting
Ceiling surfaced (SFD)
Suspended (SSD)
Light source
LED
Optical system
Opal diffuser (OPD)
Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Emergency unit variant (3H)
External lead-in flexible cable (SSD)
Materials
Housing: extruded aluminium
Diffuser: PMMA
Rope suspension 1,5 m (SSD)
Surface finish
Housing: elox
Service lifetime
50,000 hours/L80/B10 (ta 25°C)
Ambient temperature
From -20 °C to +35 °C
(from +5°C with EM unit)

DE

Montage
Deckenleuchte (SFD)
Hängend (SSD)
Lichtquelle
LED
Optisches System
Opal Diffusor (OPD)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Notbeleuchtung Variante (3H)
Externes Anschlusskabel (SSD)
Material
Körper: Extrudiertes Aluminium
Diffusor: PMMA
Seilaufhängung 1,5 m (SSD)
Oberflächenveredelung
Körper: elox
Lebensdauer
50,000 Stunden/L80/B10 (ta 25°C)
Umgebungstemperatur
Von -20 °C bis +35 °C
(von +5°C mit Notbeleuchtung)

FR

Montage
Plafonnier apparent (SFD)
Plafonnier suspendu (SSD)
Source lumineuse
LED
Système optique
Diffuseur opale (OPD)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Variante de l'unité de secours (3H)
Artére externe (SSD)
Matériels
Corps: aluminium extrudé
Diffuseur: PMMA
Câble de suspension 1,5 m (SSD)
Finition de surface
Corps: elox
Durée de vie utile
50,000 heures/L80/B10 (ta 25°C)
Température ambiante
De -20 °C à +35 °C
(de +5°C avec l'unité de secours)

SK

Montáž
Prisadená (SFD)
Závesná (SSD)
Svetelný zdroj
LED
Optický systém
Opálový difúzor (OPD)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Varianta s núdzovou jednotkou (3H)
Prívodný napájací kábel (SSD)
Materiál
Teleso: extrudovaný hliník
Difúzor: PMMA
Lankový záves 1,5 m (SSD)
Povrchová úprava
Teleso: elox
Servisná životnosť
50,000 hodín/L80/B10 (ta 25°C)
Teplota okolia
Od -20 °C do +35 °C
(od +5°C s núdzovou jednotkou)

ES

Montaje
Sobrepuestas en el techo (SFD)
Suspendidas (SSD)
Fuente luminica
LED
Sistema óptico
Difusor ópalo (OPD)
Cableado
Equipo de control electronico FIX/DALI (ECG/EDA)
Variante unidad de emergencia (3H)
Cable alimentador externo (SSD)
Material
Cuerpo: aluminio extruido
Difusor: PMMA
Cable de suspensión 1,5 m (SSD)
Tratamiento de la superficie
Cuerpo: elox
Vida útil
50,000 horas/L80/B10 (ta 25°C)
Temperatura ambiente
Desde -20 °C a +35 °C
(desde +5°C con unidad de emergencia)

IT

Installazione
A plafone (SFD)
A sospensione (SSD)
Sorgente luminosa
LED
Sistema ottico
Diffusore opale (OPD)
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Variante unitá di emergenza (3H)
Cavetto di alimentazione esterno (SSD)
Materiali
Corpo: estruso di alluminio
Diffusore: PMMA
Cavo di sospensione 1,5 m (SSD)
Finitura
Corpo: elox
Durata di vita
50,000 ore/L80/B10 (ta 25°C)
Temperatura d'ambiente
Da -20 °C a +35 °C
(da +5°C con unitá di emergenza)

RU

Установка
Потолочная накладная (SFD)
Подвесная (SSD)
Источник света
LED
Оптическая система
Матовый рассеиватель (OPD)
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Блок аварийного освещения (3H)
Внешний свинца в гибком кабеле (SSD)
Материал
Корпус: экструдированный алюминий
Рассеиватель: полиметилметакрилат
Тросовый подвес 1,5 m (SSD)
Отделка поверхности
Корпус: элокс
Срок службы
50,000 часов/L80/B10 (ta 25°C)
Температура окружающей среды
От -20 °C до +35 °C
(от +5°C с аварийного освещения)

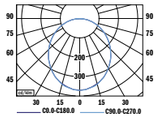
ALASTAR T
OPAL
LED



Alastar T

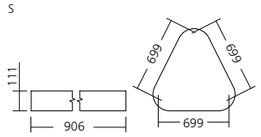
PHOTOMETRY

ALASTAR T S
11,500 lm 3000 K

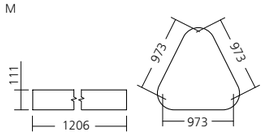


LOR = 100%
lower flux fraction 100%
upper flux fraction 0%
UGR <25

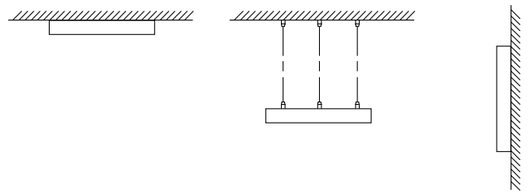
S

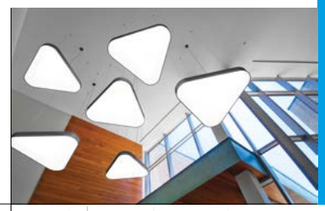


M



MOUNTING







S



M



TYPE	NET LUMEN OUTPUT (at Ta = 25 °C)	POWER CONSUMPTION	SYSTEM EFFICACY	COLOUR RENDERING INDEX	CORRELATED COLOUR TEMPERATURE	BEAM ANGLE	EMERGENCY UNIT 3H	WEIGHT
	(lm)	(W)	(lm/W)	CRI (Ra)	CCT (K)	(C0-180, C90-270)	(lm)	(kg)
ALASTAR T S	11,500	112	103	80+	3000	105°	120	13.3
ALASTAR T S	12,000	112	107	80+	4000	105°	130	13.3
ALASTAR T M	16,000	137	117	80+	3000	105°	120	20.4
ALASTAR T M	16,850	137	123	80+	4000	105°	130	20.4

Luminous flux tolerance +/- 10%.

220-240V 50-60Hz · LED · CRI 80+ Ra · CCT 3000 K · CCT 4000 K · ECG · EDA DALI · EMERGENCY · IP40

EN

Mounting
Ceiling surfaced (SFD)
Suspended (SSD)
Light source
LED
Optical system
Opal diffuser (OPD)
Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Emergency unit variant (3H)
External lead-in flexible cable (SSD)
Materials
Housing: extruded aluminium
Diffuser: PMMA
Rope suspension 1,5 m (SSD)
Surface finish
Housing: elox
Service lifetime
50,000 hours/L80/B10 (ta 25°C)
Ambient temperature
From -20 °C to +35 °C
(from +5°C with EM unit)

DE

Montage
Deckenleuchte (SFD)
Hängend (SSD)
Lichtquelle
LED
Optisches System
Opal Diffusor (OPD)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Notbeleuchtung Variante (3H)
Externes Anschlusskabel (SSD)
Material
Körper: Extrudiertes Aluminium
Diffusor: PMMA
Seilaufhängung 1,5 m (SSD)
Oberflächenveredelung
Körper: elox
Lebensdauer
50,000 Stunden/L80/B10 (ta 25°C)
Umgebungstemperatur
Von -20 °C bis +35 °C
(von +5°C mit Notbeleuchtung)

FR

Montage
Plafonnier apparent (SFD)
Plafonnier suspendu (SSD)
Source lumineuse
LED
Système optique
Diffuseur opale (OPD)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Variante de l'unité de secours (3H)
Artére externe (SSD)
Matériels
Corps: aluminium extrudé
Diffuseur: PMMA
Câble de suspension 1,5 m (SSD)
Finition de surface
Corps: elox
Durée de vie utile
50,000 heures/L80/B10 (ta 25°C)
Température ambiante
De -20 °C à +35 °C
(de +5°C avec l'unité de secours)

SK

Montáž
Prisadená (SFD)
Závesná (SSD)
Svetelný zdroj
LED
Optický systém
Opálový difúzor (OPD)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Varianta s núdzovou jednotkou (3H)
Prívodný napájací kábel (SSD)
Materiál
Teleso: extrudovaný hliník
Difúzor: PMMA
Lankový záves 1,5 m (SSD)
Povrchová úprava
Teleso: elox
Servisná životnosť
50,000 hodín/L80/B10 (ta 25°C)
Teplota okolia
Od -20 °C do +35 °C
(od +5°C s núdzovou jednotkou)

ES

Montaje
Sobrepuestas en el techo (SFD)
Suspendidas (SSD)
Fuente lumínica
LED
Sistema óptico
Difusor ópalo (OPD)
Cableado
Equipo de control electronico FIX/DALI (ECG/EDA)
Variante unidad de emergencia (3H)
Cable alimentador externo (SSD)
Material
Cuerpo: aluminio extruido
Difusor: PMMA
Cable de suspensión 1,5 m (SSD)
Tratamiento de la superficie
Cuerpo: elox
Vida útil
50,000 horas/L80/B10 (ta 25°C)
Temperatura ambiente
Desde -20 °C a +35 °C
(desde +5°C con unidad de emergencia)

IT

Installazione
A plafone (SFD)
A sospensione (SSD)
Sorgente luminosa
LED
Sistema ottico
Diffusore opale (OPD)
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Variante unitá di emergenza (3H)
Cavetto di alimentazione esterno (SSD)
Materiali
Corpo: estruso di alluminio
Diffusore: PMMA
Cavo di sospensione 1,5 m (SSD)
Finitura
Corpo: elox
Durata di vita
50,000 ore/L80/B10 (ta 25°C)
Temperatura d'ambiente
Da -20 °C a +35 °C
(da +5°C con unitá di emergenza)

RU

Установка
Потолочная накладная (SFD)
Подвесная (SSD)
Источник света
LED
Оптическая система
Матовый рассеиватель (OPD)
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Блок аварийного освещения (3H)
Внешний свинца в гибком кабеле (SSD)
Материал
Корпус: экструдированный алюминий
Рассеиватель: полиметилметакрилат
Тросовый подвес 1,5 m (SSD)
Отделка поверхности
Корпус: элокс
Срок службы
50,000 часов/L80/B10 (ta 25°C)
Температура окружающей среды
От -20 °C до +35 °C
(от +5°C с аварийного освещения)

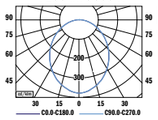
AIRN C
OPAL
LED



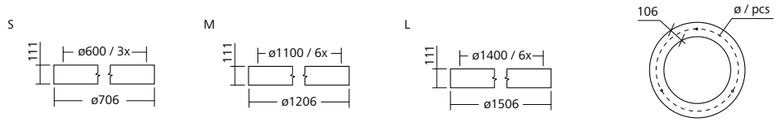
Airn C

PHOTOMETRY

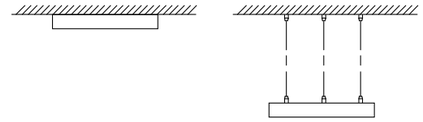
AIRN C L
7250 lm 3000 K



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



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)
AIRN C S	3050	55	55	80+	3000	110°	120	7.8
AIRN C S	3200	55	58	80+	4000	110°	130	7.8
AIRN C M	6400	115	56	80+	3000	110°	120	14.4
AIRN C M	6700	115	58	80+	4000	110°	130	14.4
AIRN C L	7250	141	51	80+	3000	110°	120	15.6
AIRN C L	7550	141	54	80+	4000	110°	130	15.6

Luminous flux tolerance +/- 10%.

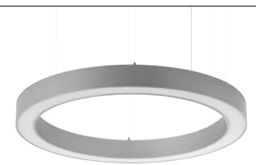




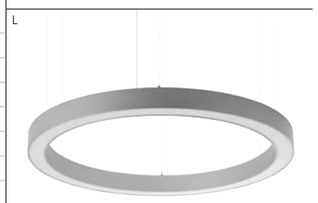
S



M



L



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

EN

Mounting
Ceiling surfaced (SFD)
Suspended (SSD)
Light source
LED
Optical system
Opal diffuser (OPD)
Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Emergency unit variant (3H)
External lead-in flexible cable (SSD)
Materials
Housing: extruded aluminium
Diffuser: PMMA
Rope suspension 1,5 m (SSD)
Surface finish
Housing: elox
Service lifetime
50,000 hours/L80/B10 (ta 25°C)
Ambient temperature
From -20 °C to +35 °C
(from +5°C with EM unit)

DE

Montage
Deckenleuchte (SFD)
Hängend (SSD)
Lichtquelle
LED
Optisches System
Opal Diffusor (OPD)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Notbeleuchtung Variante (3H)
Externes Anschlusskabel (SSD)
Material
Körper: Extrudiertes Aluminium
Diffusor: PMMA
Seilaufhängung 1,5 m (SSD)
Oberflächenveredelung
Körper: elox
Lebensdauer
50,000 Stunden/L80/B10 (ta 25°C)
Umgebungstemperatur
Von -20 °C bis +35 °C
(von +5°C mit Notbeleuchtung)

FR

Montage
Plafonnier apparent (SFD)
Plafonnier suspendu (SSD)
Source lumineuse
LED
Système optique
Diffuseur opale (OPD)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Variante de l'unité de secours (3H)
Artére externe (SSD)
Matériels
Corps: aluminium extrudé
Diffuseur: PMMA
Câble de suspension 1,5 m (SSD)
Finition de surface
Corps: elox
Durée de vie utile
50,000 heures/L80/B10 (ta 25°C)
Température ambiante
De -20 °C à +35 °C
(de +5°C avec l'unité de secours)

SK

Montáž
Prisadená (SFD)
Závesná (SSD)
Svetelný zdroj
LED
Optický systém
Opálový difúzor (OPD)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Varianta s núdzovou jednotkou (3H)
Prívodný napájací kábel (SSD)
Materiál
Teleso: extrudovaný hliník
Difúzor: PMMA
Lankový záves 1,5 m (SSD)
Povrchová úprava
Teleso: elox
Servisná životnosť
50,000 hodín/L80/B10 (ta 25°C)
Teplota okolia
Od -20 °C do +35 °C
(od +5°C s núdzovou jednotkou)

ES

Montaje
Sobrepuestas en el techo (SFD)
Suspendidas (SSD)
Fuente lumínica
LED
Sistema óptico
Difusor ópalo (OPD)
Cableado
Equipo de control electronico FIX/DALI (ECG/EDA)
Variante unidad de emergencia (3H)
Cable alimentador externo (SSD)
Material
Cuerpo: aluminio extruido
Difusor: PMMA
Cable de suspensión 1,5 m (SSD)
Tratamiento de la superficie
Cuerpo: elox
Vida útil
50,000 horas/L80/B10 (ta 25°C)
Temperatura ambiente
Desde -20 °C a +35 °C
(desde +5°C con unidad de emergencia)

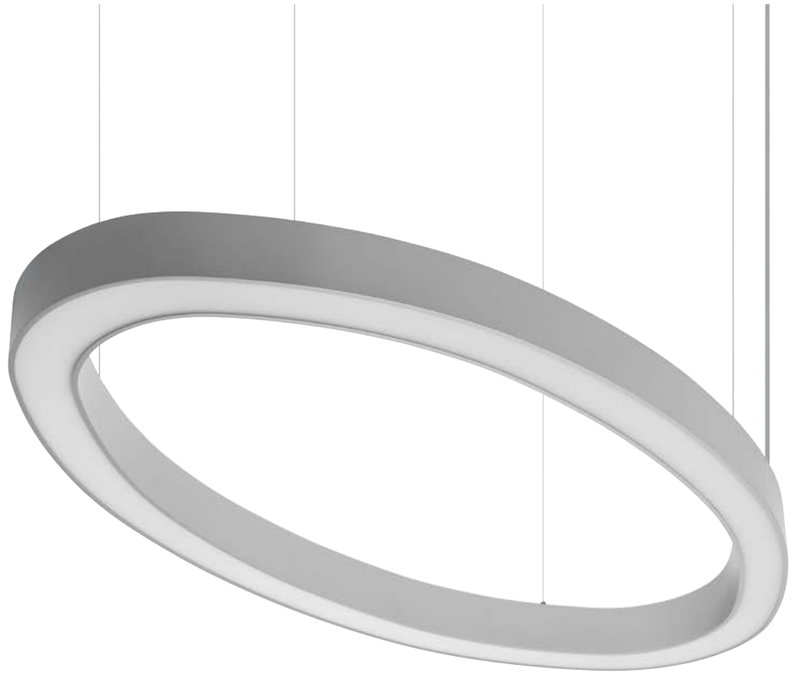
IT

Installazione
A plafone (SFD)
A sospensione (SSD)
Sorgente luminosa
LED
Sistema ottico
Diffusore opale (OPD)
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Variante unitá di emergenza (3H)
Cavetto di alimentazione esterno (SSD)
Materiali
Corpo: estruso di alluminio
Diffusore: PMMA
Cavo di sospensione 1,5 m (SSD)
Finitura
Corpo: elox
Durata di vita
50,000 ore/L80/B10 (ta 25°C)
Temperatura d'ambiente
Da -20 °C a +35 °C
(da +5°C con unitá di emergenza)

RU

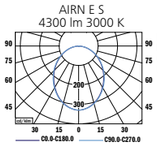
Установка
Потолочная накладная (SFD)
Подвесная (SSD)
Источник света
LED
Оптическая система
Матовый рассеиватель (OPD)
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Блок аварийного освещения (3H)
Внешний свинца в гибком кабеле (SSD)
Материал
Корпус: экструдированный алюминий
Рассеиватель: полиметилметакрилат
Тросовый подвес 1,5 m (SSD)
Отделка поверхности
Корпус: элокс
Срок службы
50,000 часов/L80/B10 (ta 25°C)
Температура окружающей среды
От -20 °C до +35 °C
(от +5°C с аварийного освещения)

AIRN E
OPAL
LED

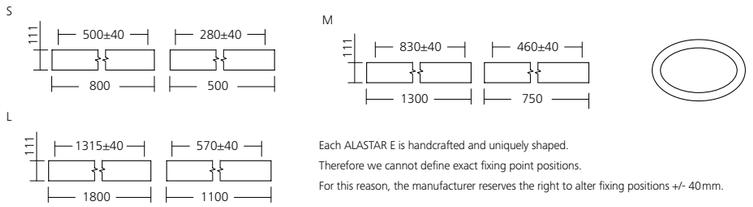


Airn E

PHOTOMETRY

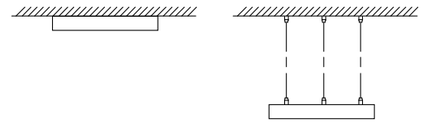


LOR = 100%
lower flux fraction 100%
upper flux fraction 0%
UGR <25



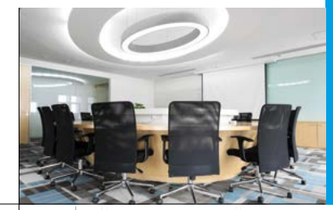
Each ALASTAR E is handcrafted and uniquely shaped.
Therefore we cannot define exact fixing point positions.
For this reason, the manufacturer reserves the right to alter fixing positions +/- 40mm.

MOUNTING



TYPE	NET LUMEN OUTPUT (at Ta = 25 °C)	POWER CONSUMPTION	SYSTEM EFFICACY	COLOUR RENDERING INDEX	CORRELATED COLOUR TEMPERATURE	BEAM ANGLE	EMERGENCY UNIT 3H	WEIGHT
	(lm)	(W)	(lm/W)	CRI (Ra)	CCT (K)	(C0-180, C90-270)	(lm)	(kg)
AIRN E S	4300	78	55	80+	3000	95°	120	9.0
AIRN E S	4500	78	58	80+	4000	95°	130	9.0
AIRN E M	5650	115	49	80+	3000	95°	120	14.9
AIRN E M	5900	115	51	80+	4000	95°	130	14.9
AIRN E L	7100	151	47	80+	3000	95°	120	20.5
AIRN E L	7450	151	49	80+	4000	95°	130	20.5

Luminous flux tolerance +/- 10%.





S



M



L



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

EN

Mounting
Ceiling surfaced (SFD)
Suspended (SSD)
Light source
LED
Optical system
Opal diffuser (OPD)
Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Emergency unit variant (3H)
External lead-in flexible cable (SSD)
Materials
Housing: extruded aluminium
Diffuser: PMMA
Rope suspension 1,5 m (SSD)
Surface finish
Housing: elox
Service lifetime
50,000 hours/L80/B10 (ta 25°C)
Ambient temperature
From -20 °C to +35 °C
(from +5°C with EM unit)

DE

Montage
Deckenleuchte (SFD)
Hängend (SSD)
Lichtquelle
LED
Optisches System
Opal Diffusor (OPD)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Notbeleuchtung Variante (3H)
Externes Anschlusskabel (SSD)
Material
Körper: Extrudiertes Aluminium
Diffusor: PMMA
Seilaufhängung 1,5 m (SSD)
Oberflächenveredelung
Körper: elox
Lebensdauer
50,000 Stunden/L80/B10 (ta 25°C)
Umgebungstemperatur
Von -20 °C bis +35 °C
(von +5°C mit Notbeleuchtung)

FR

Montage
Plafonnier apparent (SFD)
Plafonnier suspendu (SSD)
Source lumineuse
LED
Système optique
Diffuseur opale (OPD)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Variante de l'unité de secours (3H)
Artére externe (SSD)
Matériels
Corps: aluminium extrudé
Diffuseur: PMMA
Câble de suspension 1,5 m (SSD)
Finition de surface
Corps: elox
Durée de vie utile
50,000 heures/L80/B10 (ta 25°C)
Température ambiante
De -20 °C à +35 °C
(de +5°C avec l'unité de secours)

SK

Montáž
Prisadená (SFD)
Závesná (SSD)
Svetelný zdroj
LED
Optický systém
Opálový difúzor (OPD)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Varianta s núdzovou jednotkou (3H)
Prívodný napájací kábel (SSD)
Materiál
Teleso: extrudovaný hliník
Difúzor: PMMA
Lankový záves 1,5 m (SSD)
Povrchová úprava
Teleso: elox
Servisná životnosť
50,000 hodín/L80/B10 (ta 25°C)
Teplota okolia
Od -20 °C do +35 °C
(od +5°C s núdzovou jednotkou)

ES

Montaje
Sobrepuestas en el techo (SFD)
Suspendidas (SSD)
Fuente luminica
LED
Sistema óptico
Difusor ópalo (OPD)
Cableado
Equipo de control electronico FIX/DALI (ECG/EDA)
Variante unidad de emergencia (3H)
Cable alimentador externo (SSD)
Material
Cuerpo: aluminio extruido
Difusor: PMMA
Cable de suspensión 1,5 m (SSD)
Tratamiento de la superficie
Cuerpo: elox
Vida útil
50,000 horas/L80/B10 (ta 25°C)
Temperatura ambiente
Desde -20 °C a +35 °C
(desde +5°C con unidad de emergencia)

IT

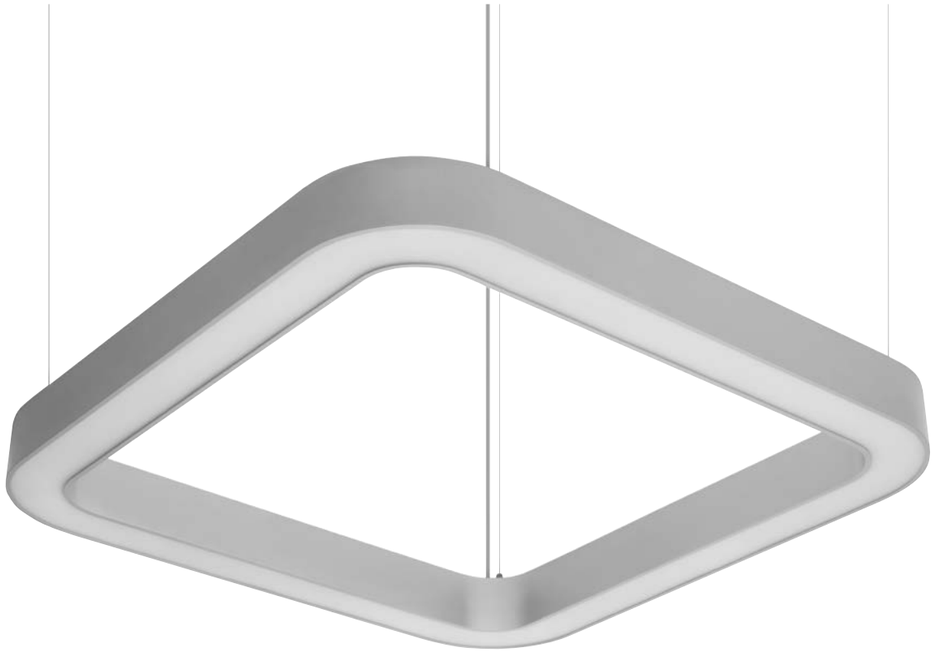
Installazione
A plafone (SFD)
A sospensione (SSD)
Sorgente luminosa
LED
Sistema ottico
Diffusore opale (OPD)
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Variante unitá di emergenza (3H)
Cavetto di alimentazione esterno (SSD)
Materiali
Corpo: estruso di alluminio
Diffusore: PMMA
Cavo di sospensione 1,5 m (SSD)
Finitura
Corpo: elox
Durata di vita
50,000 ore/L80/B10 (ta 25°C)
Temperatura d'ambiente
Da -20 °C a +35 °C
(da +5°C con unitá di emergenza)

RU

Установка
Потолочная накладная (SFD)
Подвесная (SSD)
Источник света
LED
Оптическая система
Матовый рассеиватель (OPD)
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Блок аварийного освещения (3H)
Внешний свинца в гибком кабеле (SSD)
Материал
Корпус: экструдированный алюминий
Рассеиватель: полиметилметакрилат
Тросовый подвес 1,5 m (SSD)
Отделка поверхности
Корпус: элокс
Срок службы
50,000 часов/L80/B10 (ta 25°C)
Температура окружающей среды
От -20 °C до +35 °C
(от +5°C с аварийного освещения)

3 YEARS WARRANTY | MAINTENANCE FREE | ECO FRIENDLY | ENERGY SAVING | UV/IR | EEC A++/A+/A

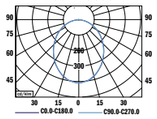
AIRN Q
OPAL
LED



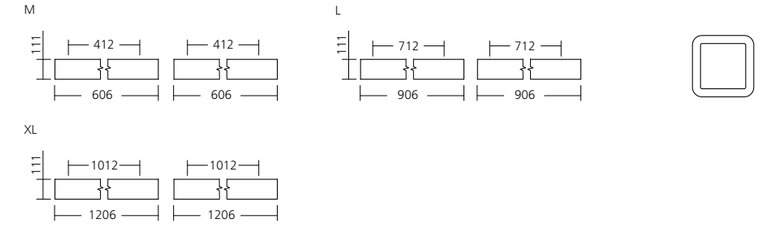
Airn Q

PHOTOMETRY

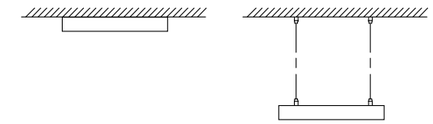
AIRN Q M
4200 lm 3000 K



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



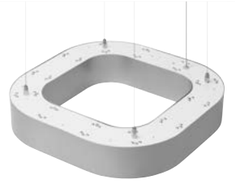
MOUNTING



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)
AIRN Q M	4200	78	54	80+	3000	97°	120	8.1
AIRN Q M	4350	78	56	80+	4000	97°	130	8.1
AIRN Q L	6400	114	56	80+	3000	97°	120	12.2
AIRN Q L	6700	114	59	80+	4000	97°	130	12.2
AIRN Q XL	8600	150	57	80+	3000	97°	120	17.0
AIRN Q XL	8900	150	59	80+	4000	97°	130	17.0

Luminous flux tolerance +/- 10%.





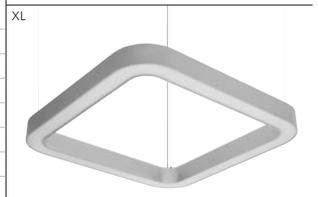
M



L



XL



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

EN

Mounting
Ceiling surfaced (SFD)
Suspended (SSD)
Light source
LED
Optical system
Opal diffuser (OPD)
Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Emergency unit variant (3H)
External lead-in flexible cable (SSD)
Materials
Housing: extruded aluminium
Diffuser: PMMA
Rope suspension 1,5 m (SSD)
Surface finish
Housing: elox
Service lifetime
50,000 hours/L80/B10 (ta 25°C)
Ambient temperature
From -20 °C to +35 °C
(from +5°C with EM unit)

DE

Montage
Deckenleuchte (SFD)
Hängend (SSD)
Lichtquelle
LED
Optisches System
Opal Diffusor (OPD)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Notbeleuchtung Variante (3H)
Externes Anschlusskabel (SSD)
Material
Körper: Extrudiertes Aluminium
Diffusor: PMMA
Seilaufhängung 1,5 m (SSD)
Oberflächenveredelung
Körper: elox
Lebensdauer
50,000 Stunden/L80/B10 (ta 25°C)
Umgebungstemperatur
Von -20 °C bis +35 °C
(von +5°C mit Notbeleuchtung)

FR

Montage
Plafonnier apparent (SFD)
Plafonnier suspendu (SSD)
Source lumineuse
LED
Système optique
Diffuseur opale (OPD)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Variante de l'unité de secours (3H)
Artére externe (SSD)
Matériels
Corps: aluminium extrudé
Diffuseur: PMMA
Câble de suspension 1,5 m (SSD)
Finition de surface
Corps: elox
Durée de vie utile
50,000 heures/L80/B10 (ta 25°C)
Température ambiante
De -20 °C à +35 °C
(de +5°C avec l'unité de secours)

SK

Montáž
Prisadená (SFD)
Závesná (SSD)
Svetelný zdroj
LED
Optický systém
Opálový difúzor (OPD)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Varianta s núdzovou jednotkou (3H)
Prívodný napájací kábel (SSD)
Materiál
Teleso: extrudovaný hliník
Difúzor: PMMA
Lankový záves 1,5 m (SSD)
Povrchová úprava
Teleso: elox
Servisná životnosť
50,000 hodín/L80/B10 (ta 25°C)
Teplota okolia
Od -20 °C do +35 °C
(od +5°C s núdzovou jednotkou)

ES

Montaje
Sobrepuestas en el techo (SFD)
Suspendidas (SSD)
Fuente lumínica
LED
Sistema óptico
Difusor ópalo (OPD)
Cableado
Equipo de control electronico FIX/DALI (ECG/EDA)
Variante unidad de emergencia (3H)
Cable alimentador externo (SSD)
Material
Cuerpo: aluminio extruido
Difusor: PMMA
Cable de suspensión 1,5 m (SSD)
Tratamiento de la superficie
Cuerpo: elox
Vida útil
50,000 horas/L80/B10 (ta 25°C)
Temperatura ambiente
Desde -20 °C a +35 °C
(desde +5°C con unidad de emergencia)

IT

Installazione
A plafone (SFD)
A sospensione (SSD)
Sorgente luminosa
LED
Sistema ottico
Diffusore opale (OPD)
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Variante unitá di emergenza (3H)
Cavetto di alimentazione esterno (SSD)
Materiali
Corpo: estruso di alluminio
Diffusore: PMMA
Cavo di sospensione 1,5 m (SSD)
Finitura
Corpo: elox
Durata di vita
50,000 ore/L80/B10 (ta 25°C)
Temperatura d'ambiente
Da -20 °C a +35 °C
(da +5°C con unitá di emergenza)

RU

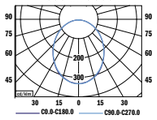
Установка
Потолочная накладная (SFD)
Подвесная (SSD)
Источник света
LED
Оптическая система
Матовый рассеиватель (OPD)
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Блок аварийного освещения (3H)
Внешний свинца в гибком кабеле (SSD)
Материал
Корпус: экструдированный алюминий
Рассеиватель: полиметилметакрилат
Тросовый подвес 1,5 m (SSD)
Отделка поверхности
Корпус: элокс
Срок службы
50,000 часов/L80/B10 (ta 25°C)
Температура окружающей среды
От -20 °C до +35 °C
(от +5°C с аварийного освещения)

AIRN T
OPAL
LED

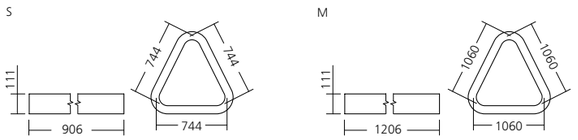


PHOTOMETRY

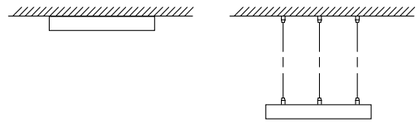
AIRN T M
7850 lm 3000 K

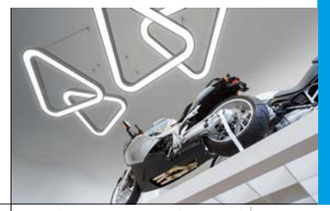


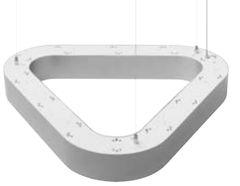
LOR = 100%
lower flux fraction 100%
upper flux fraction 0%
UGR <28



MOUNTING







S



M



Airn T

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

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)
AIRN T S	6300	116	54	80+	3000	97°	120	10.7
AIRN T S	6600	116	57	80+	4000	97°	130	10.7
AIRN T M	7850	146	54	80+	3000	97°	120	13.6
AIRN T M	8150	146	56	80+	4000	97°	130	13.6

Luminous flux tolerance +/- 10%.

EN

Mounting
Ceiling surfaced (SFD)
Suspended (SSD)
Light source
LED
Optical system
Opal diffuser (OPD)
Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Emergency unit variant (3H)
External lead-in flexible cable (SSD)
Materials
Housing: extruded aluminium
Diffuser: PMMA
Rope suspension 1,5 m (SSD)
Surface finish
Housing: elox
Service lifetime
50,000 hours/L80/B10 (ta 25°C)
Ambient temperature
From -20 °C to +35 °C
(from +5°C with EM unit)

DE

Montage
Deckenleuchte (SFD)
Hängend (SSD)
Lichtquelle
LED
Optisches System
Opal Diffusor (OPD)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Notbeleuchtung Variante (3H)
Externes Anschlusskabel (SSD)
Material
Körper: Extrudiertes Aluminium
Diffusor: PMMA
Seilaufhängung 1,5 m (SSD)
Oberflächenveredelung
Körper: elox
Lebensdauer
50,000 Stunden/L80/B10 (ta 25°C)
Umgebungstemperatur
Von -20 °C bis +35 °C
(von +5°C mit Notbeleuchtung)

FR

Montage
Plafonnier apparent (SFD)
Plafonnier suspendu (SSD)
Source lumineuse
LED
Système optique
Diffuseur opale (OPD)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Variante de l'unité de secours (3H)
Artére externe (SSD)
Matériels
Corps: aluminium extrudé
Diffuseur: PMMA
Câble de suspension 1,5 m (SSD)
Finition de surface
Corps: elox
Durée de vie utile
50,000 heures/L80/B10 (ta 25°C)
Température ambiante
De -20 °C à +35 °C
(de +5°C avec l'unité de secours)

SK

Montáž
Prisadená (SFD)
Závesná (SSD)
Svetelný zdroj
LED
Optický systém
Opálový difúzor (OPD)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Varianta s núdzovou jednotkou (3H)
Prívodný napájací kábel (SSD)
Materiál
Teleso: extrudovaný hliník
Difúzor: PMMA
Lankový záves 1,5 m (SSD)
Povrchová úprava
Teleso: elox
Servisná životnosť
50,000 hodín/L80/B10 (ta 25°C)
Teplota okolia
Od -20 °C do +35 °C
(od +5°C s núdzovou jednotkou)

ES

Montaje
Sobrepuestas en el techo (SFD)
Suspendidas (SSD)
Fuente lumínica
LED
Sistema óptico
Difusor ópalo (OPD)
Cableado
Equipo de control electronico FIX/DALI (ECG/EDA)
Variante unidad de emergencia (3H)
Cable alimentador externo (SSD)
Material
Cuerpo: aluminio extruido
Difusor: PMMA
Cable de suspensión 1,5 m (SSD)
Tratamiento de la superficie
Cuerpo: elox
Vida útil
50,000 horas/L80/B10 (ta 25°C)
Temperatura ambiente
Desde -20 °C a +35 °C
(desde +5°C con unidad de emergencia)

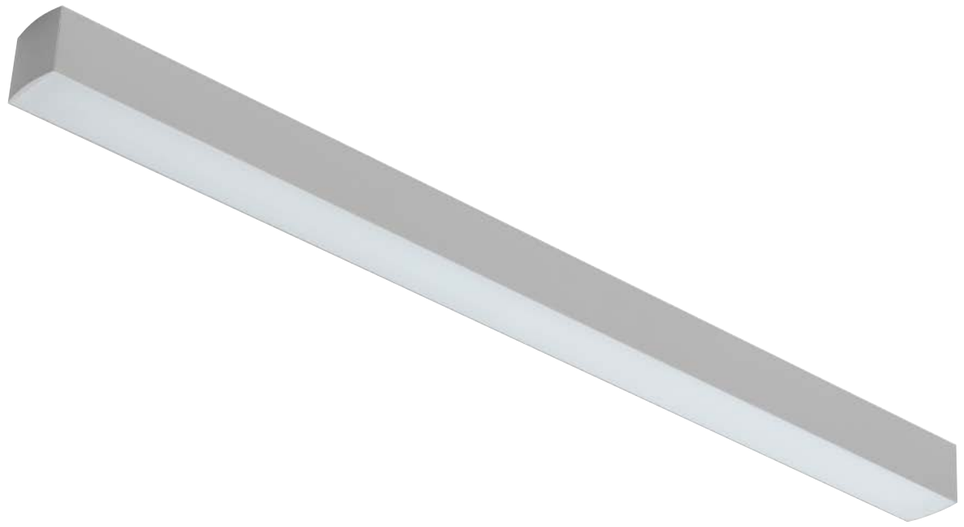
IT

Installazione
A plafone (SFD)
A sospensione (SSD)
Sorgente luminosa
LED
Sistema ottico
Diffusore opale (OPD)
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Variante unitá di emergenza (3H)
Cavetto di alimentazione esterno (SSD)
Materiali
Corpo: estruso di alluminio
Diffusore: PMMA
Cavo di sospensione 1,5 m (SSD)
Finitura
Corpo: elox
Durata di vita
50,000 ore/L80/B10 (ta 25°C)
Temperatura d'ambiente
Da -20 °C a +35 °C
(da +5°C con unitá di emergenza)

RU

Установка
Потолочная накладная (SFD)
Подвесная (SSD)
Источник света
LED
Оптическая система
Матовый рассеиватель (OPD)
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Блок аварийного освещения (3H)
Внешний свинца в гибком кабеле (SSD)
Материал
Корпус: экструдированный алюминий
Рассеиватель: полиметилметакрилат
Тросовый подвес 1,5 m (SSD)
Отделка поверхности
Корпус: элокс
Срок службы
50,000 часов/L80/B10 (ta 25°C)
Температура окружающей среды
От -20 °C до +35 °C
(от +5°C с аварийного освещения)

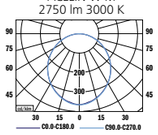
ACELIN W
OPAL
LED



Acelin W

PHOTOMETRY

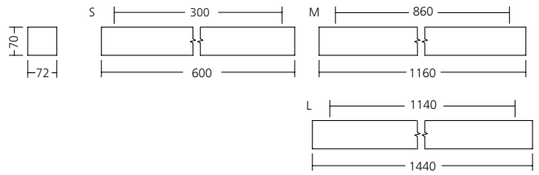
ACELIN W M
2750 lm 3000 K



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

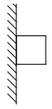








MOUNTING



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)
ACELIN W S	1400	19	74	80+	3000	108°	1.9
ACELIN W S	1450	19	76	80+	4000	108°	1.9
ACELIN W M	2750	37	74	80+	3000	108°	3.3
ACELIN W M	2850	37	77	80+	4000	108°	3.3
ACELIN W L	3350	46	73	80+	3000	108°	3.9
ACELIN W L	3550	46	77	80+	4000	108°	3.9

Luminous flux tolerance +/- 10%.

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

EN

Mounting
Wall mounted (WMD)
Light source
LED
Optical system
Opal diffuser (OPD)
Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Materials
Housing: extruded aluminium
Diffuser: PMMA
Surface finish
Housing: elox
Service lifetime
50,000 hours/L80/B10 (ta 25°C)
Ambient temperature
From -20 °C to +35 °C

DE

Montage
Wandleuchte (WMD)
Lichtquelle
LED
Optisches System
Opal Diffusor (OPD)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Material
Körper: Extrudiertes Aluminium
Diffusor: PMMA
Oberflächenveredelung
Körper: elox
Lebensdauer
50,000 Stunden/L80/B10 (ta 25°C)
Umgebungstemperatur
Von -20 °C bis +35 °C

FR

Montage
Applique murale (WMD)
Source lumineuse
LED
Système optique
Diffuseur opale (OPD)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Matériels
Corps: aluminium extrudé
Diffuseur: PMMA
Finition de surface
Corps: elox
Durée de vie utile
50,000 heures/L80/B10 (ta 25°C)
Température ambiante
De -20 °C à +35 °C

SK

Montáž
Montáž na stenu (WMD)
Svetelný zdroj
LED
Optický systém
Opálový difúzor (OPD)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Materiál
Teleso: extrudovaný hliník
Difúzor: PMMA
Povrchová úprava
Teleso: elox
Servisná životnosť
50,000 hodín/L80/B10 (ta 25°C)
Teplota okolia
Od -20 °C do +35 °C

ES

Montaje
Montaje en pared (WMD)
Fuente lumínica
LED
Sistema óptico
Difusor ópalo (OPD)
Cableado
Equipo de control electronico FIX/DALI (ECG/EDA)
Material
Cuerpo: aluminio extruido
Difusor: PMMA
Tratamiento de la superficie
Cuerpo: elox
Vida útil
50,000 horas/L80/B10 (ta 25°C)
Temperatura ambiente
Desde -20 °C a +35 °C

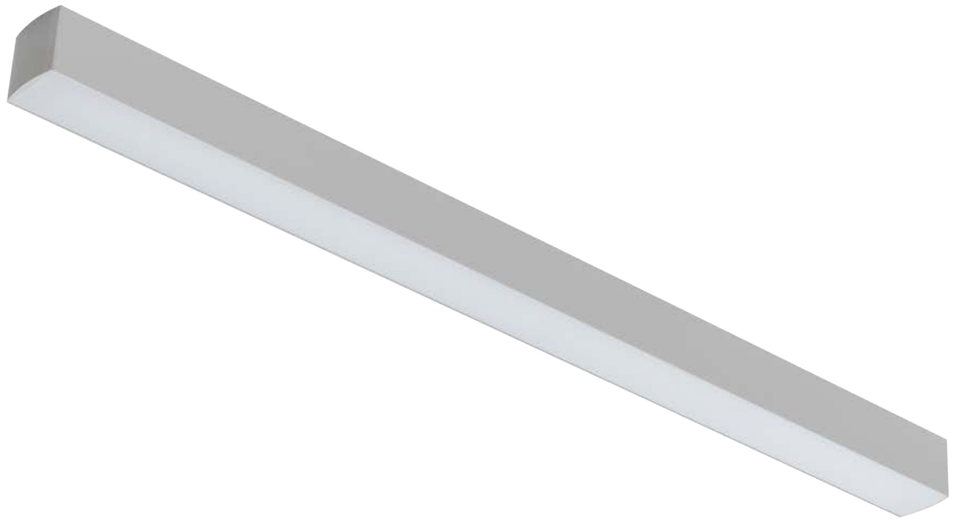
IT

Installazione
A parete (WMD)
Sorgente luminosa
LED
Sistema ottico
Diffusore opale (OPD)
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Materiali
Corpo: estruso di alluminio
Diffusore: PMMA
Finitura
Corpo: elox
Durata di vita
50,000 ore/L80/B10 (ta 25°C)
Temperatura d'ambiente
Da -20 °C a +35 °C

RU

Установка
Настенная (WMD)
Источник света
LED
Оптическая система
Матовый рассеиватель (OPD)
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Материал
Корпус: экструдированный алюминий
Рассеиватель: полиметилметакрилат
Отделка поверхности
Корпус: элокс
Срок службы
50,000 часов/L80/B10 (ta 25°C)
Температура окружающей среды
От -20 °C до +35 °C

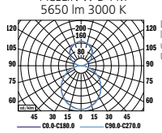
ACELIN W D-I
OPAL
LED



Acelin W D-I

PHOTOMETRY

ACELIN W D-I M
5650 lm 3000 K

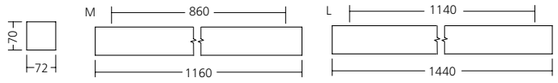


LOR = 100%
lower flux fraction 64%
upper flux fraction 36%
UGR <28

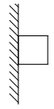








MOUNTING



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)
ACELIN W D-I M	5650	59	96	80+	3000	109°	3.5
ACELIN W D-I M	5850	59	99	80+	4000	109°	3.5
ACELIN W D-I L	7100	74	96	80+	3000	109°	4.1
ACELIN W D-I L	7350	74	99	80+	4000	109°	4.1

Luminous flux tolerance +/- 10%.

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

EN

Mounting
Wall mounted (WMD)
Light source
LED
Optical system
Opal diffuser (OPD)
Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Materials
Housing: extruded aluminium
Diffuser: PMMA
Surface finish
Housing: elox
Service lifetime
50,000 hours/L80/B10 (ta 25°C)
Ambient temperature
From -20 °C to +35 °C

DE

Montage
Wandleuchte (WMD)
Lichtquelle
LED
Optisches System
Opal Diffusor (OPD)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Material
Körper: Extrudiertes Aluminium
Diffusor: PMMA
Oberflächenveredelung
Körper: elox
Lebensdauer
50,000 Stunden/L80/B10 (ta 25°C)
Umgebungstemperatur
Von -20 °C bis +35 °C

FR

Montage
Applique murale (WMD)
Source lumineuse
LED
Système optique
Diffuseur opale (OPD)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Matériels
Corps: aluminium extrudé
Diffuseur: PMMA
Finition de surface
Corps: elox
Durée de vie utile
50,000 heures/L80/B10 (ta 25°C)
Température ambiante
De -20 °C à +35 °C

SK

Montáž
Montáž na stenu (WMD)
Svetelný zdroj
LED
Optický systém
Opálový difúzor (OPD)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Materiál
Teleso: extrudovaný hliník
Difúzor: PMMA
Povrchová úprava
Teleso: elox
Servisná životnosť
50,000 hodín/L80/B10 (ta 25°C)
Teplota okolia
Od -20 °C do +35 °C

ES

Montaje
Montaje en pared (WMD)
Fuente luminica
LED
Sistema óptico
Difusor ópalo (OPD)
Cableado
Equipo de control electronico FIX/DALI (ECG/EDA)
Material
Cuerpo: aluminio extruido
Difusor: PMMA
Tratamiento de la superficie
Cuerpo: elox
Vida útil
50,000 horas/L80/B10 (ta 25°C)
Temperatura ambiente
Desde -20 °C a +35 °C

IT

Installazione
A parete (WMD)
Sorgente luminosa
LED
Sistema ottico
Diffusore opale (OPD)
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Materiali
Corpo: estruso di alluminio
Diffusore: PMMA
Finitura
Corpo: elox
Durata di vita
50,000 ore/L80/B10 (ta 25°C)
Temperatura d'ambiente
Da -20 °C a +35 °C

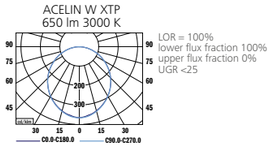
RU

Установка
Настенная (WMD)
Источник света
LED
Оптическая система
Матовый рассеиватель (OPD)
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Материал
Корпус: экструдированный алюминий
Рассеиватель: полиметилметакрилат
Отделка поверхности
Корпус: элокс
Срок службы
50,000 часов/L80/B10 (ta 25°C)
Температура окружающей среды
От -20 °C до +35 °C

ACELIN W XTP
OPAL
LED



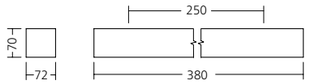
PHOTOMETRY



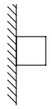








MOUNTING



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 (C0-180, C90-270)	WEIGHT (kg)
ACELIN W XTP	650	9	72	80+	3000	108°	1.4
ACELIN W XTP	700	9	78	80+	4000	108°	1.4

Luminous flux tolerance +/- 10%.

Acelin W XTP

220-240V 50-60Hz | LED | CRI 80+ Ra | CCT 3000 K | CCT 4000 K | ECG | IP54

EN

Mounting
Wall mounted (WMD)
Light source
LED
Optical system
Opal diffuser (OPD)
Wiring
Electronic control gear FIX (ECG)
Materials
Housing: extruded aluminium
Diffuser: PMMA
Holders: extruded aluminium
Surface finish
Housing: elox
Service lifetime
50,000 hours/L80/B10 (ta 25°C)
Ambient temperature
From -20 °C to +35 °C

DE

Montage
Wandleuchte (WMD)
Lichtquelle
LED
Optisches System
Opal Diffusor (OPD)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX (ECG)
Material
Körper: Extrudiertes Aluminium
Diffusor: PMMA
Halter: Extrudiertes Aluminium
Oberflächenveredelung
Körper: elox
Lebensdauer
50,000 Stunden/L80/B10 (ta 25°C)
Umgebungstemperatur
Von -20 °C bis +35 °C

FR

Montage
Applique murale (WMD)
Source lumineuse
LED
Système optique
Diffuseur opale (OPD)
Équipement électrique
Ballast électronique FIX (ECG)
Matériels
Corps: aluminium extrudé
Diffuseur: PMMA
Supports: Aluminium extrudé
Finition de surface
Corps: elox
Durée de vie utile
50,000 heures/L80/B10 (ta 25°C)
Température ambiante
De -20 °C à +35 °C

SK

Montáž
Montáž na stenu (WMD)
Svetelný zdroj
LED
Optický systém
Opálový difúzor (OPD)
Elektrická výbava
Elektronický predradník FIX (ECG)
Materiál
Teleso: extrudovaný hliník
Difúzor: PMMA
Držiak: extrudovaný hliník
Povrchová úprava
Teleso: elox
Servisná životnosť
50,000 hodín/L80/B10 (ta 25°C)
Teplota okolia
Od -20 °C do +35 °C

ES

Montaje
Montaje en pared (WMD)
Fuente luminica
LED
Sistema óptico
Difusor ópalo (OPD)
Cableado
Equipo de control electronico FIX (ECG)
Material
Cuerpo: aluminio extruido
Difusor: PMMA
Soportes: aluminio extruido
Tratamiento de la superficie
Cuerpo: elox
Vida útil
50,000 horas/L80/B10 (ta 25°C)
Temperatura ambiente
Desde -20 °C a +35 °C

IT

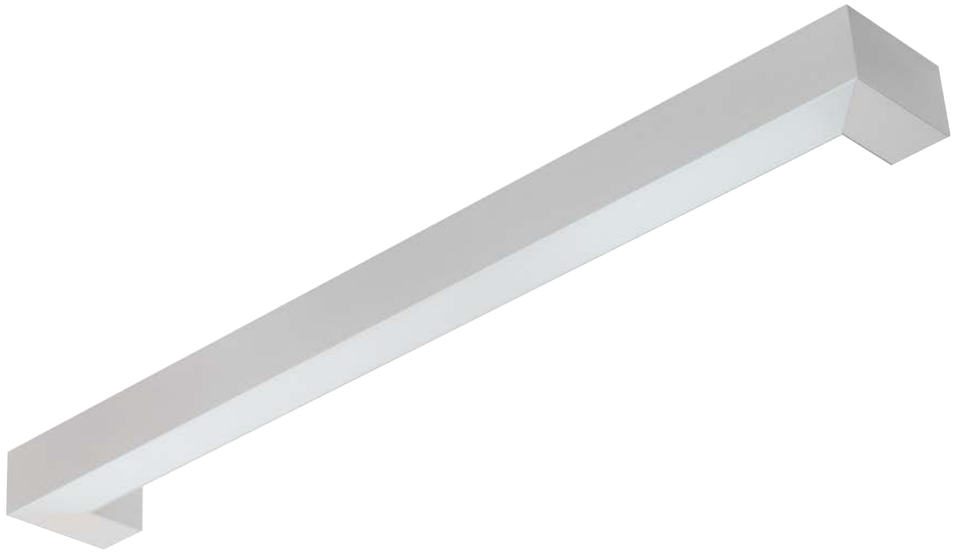
Installazione
A parete (WMD)
Sorgente luminosa
LED
Sistema ottico
Diffusore opale (OPD)
Cablaggio
Ballast elettronico FIX (ECG)
Materiali
Corpo: estruso di alluminio
Diffusore: PMMA
Supporto: estruso di alluminio
Finitura
Corpo: elox
Durata di vita
50,000 ore/L80/B10 (ta 25°C)
Temperatura d'ambiente
Da -20 °C a +35 °C

RU

Установка
Настенная (WMD)
Источник света
LED
Оптическая система
Матовый рассеиватель (OPD)
Электрическое оснащение
Электронный аппарат FIX (ECG)
Материал
Корпус: экструдированный алюминий
Рассеиватель: полиметилметакрилат
Крепления: экструдированный алюминий
Отделка поверхности
Корпус: элокс
Срок службы
50,000 часов/L80/B10 (ta 25°C)
Температура окружающей среды
От -20 °C до +35 °C

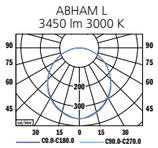
3 YEARS WARRANTY | MAINTENANCE FREE | ECO FRIENDLY | ENERGY SAVING | UV/IR | EEC A++/A+/A

ABHAM
OPAL
LED



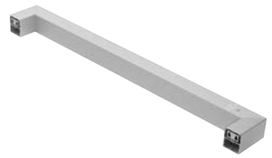
Abham

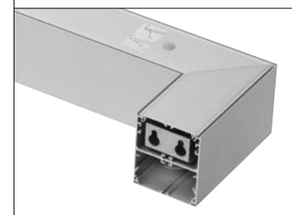
PHOTOMETRY

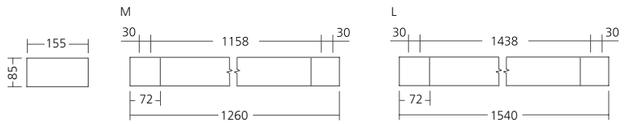


LOR = 100%
lower flux fraction 100%
upper flux fraction 0%
UGR <28

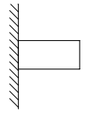








MOUNTING



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)
ABHAM M	3100	40	78	80+	3000	108°	4.7
ABHAM M	3200	40	80	80+	4000	108°	4.7
ABHAM L	3450	47	73	80+	3000	108°	5.5
ABHAM L	3600	47	77	80+	4000	108°	5.5

Luminous flux tolerance +/- 10%.

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

EN

Mounting
Wall mounted (WMD)
Light source
LED
Optical system
Opal diffuser (OPD)
Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Materials
Housing: extruded aluminium
Diffuser: PMMA
Surface finish
Housing: elox
Service lifetime
50,000 hours/L80/B10 (ta 25°C)
Ambient temperature
From -20 °C to +35 °C

DE

Montage
Wandleuchte (WMD)
Lichtquelle
LED
Optisches System
Opal Diffusor (OPD)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Material
Körper: Extrudiertes Aluminium
Diffusor: PMMA
Seilaufhängung 1,5 m (hängende Version)
Oberflächenveredelung
Körper: elox
Lebensdauer
50,000 Stunden/L80/B10 (ta 25°C)
Umgebungstemperatur
Von -20 °C bis +35 °C

FR

Montage
Applique murale (WMD)
Source lumineuse
LED
Système optique
Diffuseur opale (OPD)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Matériels
Corps: aluminium extrudé
Diffuseur: PMMA
Finition de surface
Corps: elox
Durée de vie utile
50,000 heures/L80/B10 (ta 25°C)
Température ambiante
De -20 °C à +35 °C

SK

Montáž
Montáž na stenu (WMD)
Svetelný zdroj
LED
Optický systém
Opálový difúzor (OPD)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Materiál
Teleso: extrudovaný hliník
Difúzor: PMMA
Povrchová úprava
Teleso: elox
Servisná životnosť
50,000 hodín/L80/B10 (ta 25°C)
Teplota okolia
Od -20 °C do +35 °C

ES

Montaje
Montaje en pared (WMD)
Fuente lumínica
LED
Sistema óptico
Difusor ópalo (OPD)
Cableado
Equipo de control electronico FIX/DALI (ECG/EDA)
Material
Cuerpo: aluminio extruido
Difusor: PMMA
Tratamiento de la superficie
Cuerpo: elox
Vida útil
50,000 horas/L80/B10 (ta 25°C)
Temperatura ambiente
Desde -20 °C a +35 °C

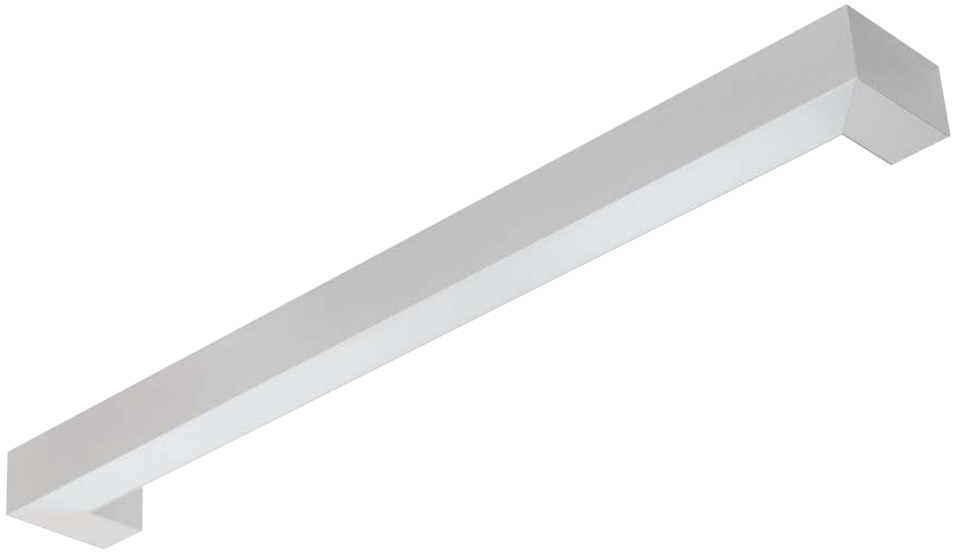
IT

Installazione
A parete (WMD)
Sorgente luminosa
LED
Sistema ottico
Diffusore opale (OPD)
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Materiali
Corpo: estruso di alluminio
Diffusore: PMMA
Finitura
Corpo: elox
Durata di vita
50,000 ore/L80/B10 (ta 25°C)
Temperatura d'ambiente
Da -20 °C a +35 °C

RU

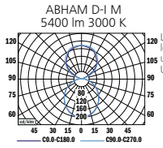
Установка
Настенная (WMD)
Источник света
LED
Оптическая система
Матовый рассеиватель (OPD)
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Материал
Корпус: экструдированный алюминий
Рассеиватель: полиметилметакрилат
Отделка поверхности
Корпус: элокс
Срок службы
50,000 часов/L80/B10 (ta 25°C)
Температура окружающей среды
От -20 °C до +35 °C

ABHAM D-I
OPAL
LED

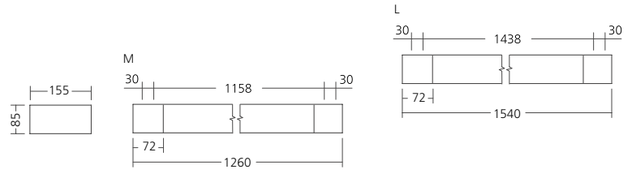


Abham D-I

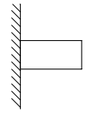
PHOTOMETRY



LOR = 100%
lower flux fraction 56%
upper flux fraction 44%
UGR <25



MOUNTING



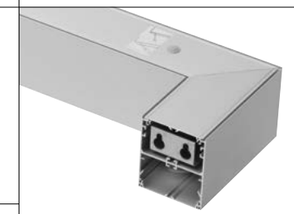
TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE (C0-180, C90-270)	WEIGHT (kg)
ABHAM D-I M	4600	56	82	80+	3000	107°	4.3
ABHAM D-I M	4800	56	86	80+	4000	107°	4.3
ABHAM D-I L	5400	66	82	80+	3000	107°	5.1
ABHAM D-I L	5650	66	86	80+	4000	107°	5.1

Luminous flux tolerance +/- 10%.









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

EN

Mounting
Wall mounted (WMD)
Light source
LED
Optical system
Opal diffuser (OPD)
Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Materials
Housing: extruded aluminium
Diffuser: PMMA
Surface finish
Housing: elox
Service lifetime
50,000 hours/L80/B10 (ta 25°C)
Ambient temperature
From -20 °C to +35 °C

DE

Montage
Wandleuchte (WMD)
Lichtquelle
LED
Optisches System
Opal Diffusor (OPD)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Material
Körper: Extrudiertes Aluminium
Diffusor: PMMA
Seilaufhängung 1,5 m (hängende Version)
Oberflächenveredelung
Körper: elox
Lebensdauer
50,000 Stunden/L80/B10 (ta 25°C)
Umgebungstemperatur
Von -20 °C bis +35 °C

FR

Montage
Applique murale (WMD)
Source lumineuse
LED
Système optique
Diffuseur opale (OPD)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Matériels
Corps: aluminium extrudé
Diffuseur: PMMA
Finition de surface
Corps: elox
Durée de vie utile
50,000 heures/L80/B10 (ta 25°C)
Température ambiante
De -20 °C à +35 °C

SK

Montáž
Montáž na stenu (WMD)
Svetelný zdroj
LED
Optický systém
Opálový difúzor (OPD)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Materiál
Teleso: extrudovaný hliník
Difúzor: PMMA
Povrchová úprava
Teleso: elox
Servisná životnosť
50,000 hodín/L80/B10 (ta 25°C)
Teplota okolia
Od -20 °C do +35 °C

ES

Montaje
Montaje en pared (WMD)
Fuente luminica
LED
Sistema óptico
Difusor ópalo (OPD)
Cableado
Equipo de control electronico FIX/DALI (ECG/EDA)
Material
Cuerpo: aluminio extruido
Difusor: PMMA
Tratamiento de la superficie
Cuerpo: elox
Vida útil
50,000 horas/L80/B10 (ta 25°C)
Temperatura ambiente
Desde -20 °C a +35 °C

IT

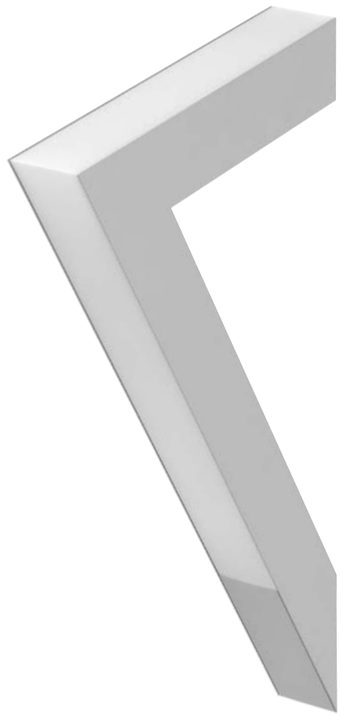
Installazione
A parete (WMD)
Sorgente luminosa
LED
Sistema ottico
Diffusore opale (OPD)
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Materiali
Corpo: estruso di alluminio
Diffusore: PMMA
Finitura
Corpo: elox
Durata di vita
50,000 ore/L80/B10 (ta 25°C)
Temperatura d'ambiente
Da -20 °C a +35 °C

RU

Установка
Настенная (WMD)
Источник света
LED
Оптическая система
Матовый рассеиватель (OPD)
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Материал
Корпус: экструдированный алюминий
Рассеиватель: полиметилметакрилат
Отделка поверхности
Корпус: элокс
Срок службы
50,000 часов/L80/B10 (ta 25°C)
Температура окружающей среды
От -20 °C до +35 °C

3 YEARS WARRANTY | MAINTENANCE FREE | ECO FRIENDLY | ENERGY SAVING | UV/IR | EEC A++/A+/A

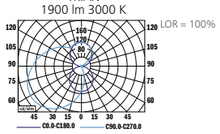
TRIAN
OPAL
LED

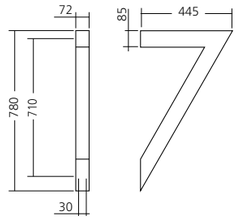


Trian

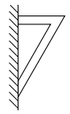
PHOTOMETRY

TRIAN
1900 lm 3000 K





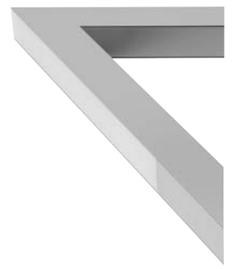
MOUNTING



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)
TRIAN	1900	28	68	80+	3000	4.1
TRIAN	2000	28	71	80+	4000	4.1

Luminous flux tolerance +/- 10%.







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

EN

Mounting
Wall mounted (WMD)
Light source
LED
Optical system
Opal diffuser (OPD)
Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Materials
Housing: extruded aluminium
Diffuser: PMMA
Surface finish
Housing: elox
Service lifetime
50,000 hours/L80/B10 (ta 25°C)
Ambient temperature
From -20 °C to +35 °C

DE

Montage
Wandleuchte (WMD)
Lichtquelle
LED
Optisches System
Opal Diffusor (OPD)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Material
Körper: Extrudiertes Aluminium
Diffusor: PMMA
Seilaufhängung 1,5 m (hängende Version)
Oberflächenveredelung
Körper: elox
Lebensdauer
50,000 Stunden/L80/B10 (ta 25°C)
Umgebungstemperatur
Von -20 °C bis +35 °C

FR

Montage
Applique murale (WMD)
Source lumineuse
LED
Système optique
Diffuseur opale (OPD)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Matériels
Corps: aluminium extrudé
Diffuseur: PMMA
Finition de surface
Corps: elox
Durée de vie utile
50,000 heures/L80/B10 (ta 25°C)
Température ambiante
De -20 °C à +35 °C

SK

Montáž
Montáž na stenu (WMD)
Svetelný zdroj
LED
Optický systém
Opálový difúzor (OPD)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Materiál
Teleso: extrudovaný hliník
Difúzor: PMMA
Povrchová úprava
Teleso: elox
Servisná životnosť
50,000 hodín/L80/B10 (ta 25°C)
Teplota okolia
Od -20 °C do +35 °C

ES

Montaje
Montaje en pared (WMD)
Fuente lumínica
LED
Sistema óptico
Difusor ópalo (OPD)
Cableado
Equipo de control electronico FIX/DALI (ECG/EDA)
Material
Cuerpo: aluminio extruido
Difusor: PMMA
Tratamiento de la superficie
Cuerpo: elox
Vida útil
50,000 horas/L80/B10 (ta 25°C)
Temperatura ambiente
Desde -20 °C a +35 °C

IT

Installazione
A parete (WMD)
Sorgente luminosa
LED
Sistema ottico
Diffusore opale (OPD)
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Materiali
Corpo: estruso di alluminio
Diffusore: PMMA
Finitura
Corpo: elox
Durata di vita
50,000 ore/L80/B10 (ta 25°C)
Temperatura d'ambiente
Da -20 °C a +35 °C

RU

Установка
Настенная (WMD)
Источник света
LED
Оптическая система
Матовый рассеиватель (OPD)
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Материал
Корпус: экструдированный алюминий
Рассеиватель: полиметилметакрилат
Отделка поверхности
Корпус: элокс
Срок службы
50,000 часов/L80/B10 (ta 25°C)
Температура окружающей среды
От -20 °C до +35 °C

3 YEARS WARRANTY | MAINTENANCE FREE | ECO FRIENDLY | ENERGY SAVING | UV/IR | EEC A++/A+/A

AILIN LINE
OPAL
LED



Ailin Line

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

EN

Mounting
Ceiling recessed - determined for continuous installation (RCD)
Light source
LED
Optical system
Opal diffuser (OPD)
Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Through wiring (F, T version)
Emergency unit variant (3H)
Materials
Housing: extruded aluminium
Diffuser: PMMA
Holders: sheet steel
Surface finish
Housing: elox
Accessories
Connecting piece
Service lifetime
50,000 hours/L80/B10 (ta 25°C)
Ambient temperature
From -20 °C to +35 °C
(from +5°C with EM unit)

DE

Montage
Einbauleuchte - mit Erweiterungsmöglichkeit (RCD)
Lichtquelle
LED
Optisches System
Opal Diffusor (OPD)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Laufende Verkabelung (F, T Version)
Notbeleuchtung Variante (3H)
Material
Körper: Extrudiertes Aluminium
Diffusor: PMMA
Halter: Stahlblech
Oberflächenveredelung
Körper: elox
Zubehör
Stutzen
Lebensdauer
50,000 Stunden/L80/B10 (ta 25°C)
Umgebungstemperatur
Von -20 °C bis +35 °C
(von +°C mit Notbeleuchtung)

FR

Montage
Plafonnier encastrable - conçu pour une installation continue (RCD)
Source lumineuse
LED
Système optique
Diffuseur opale (OPD)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Câblage traversant (version F, T)
Variante de l'unité de secours (3H)
Matériels
Corps: aluminium extrudé
Diffuseur: PMMA
Supports: tôle d'acier
Finition de surface
Corps: elox
Accessoires
Pièce de raccordement
Durée de vie utile
50,000 heures/L80/B10 (ta 25°C)
Température ambiante
De -20 °C à +35 °C
(de +5°C avec l'unite de secours)

SK

Montáž
Vsadená - predučené na montáž do línií (RCD)
Svetelný zdroj
LED
Optický systém
Opálový difúzor (OPD)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Priebežné vinutie (F, T verzia)
Varianta s núdzovou jednotkou (3H)
Materiál
Teleso: extrudovaný hliník
Difúzor: PMMA
Držiak: oceľový plech
Príslušenstvo
Spojovacia tvarovka
Povrchová úprava
Teleso: elox
Servisná životnosť
50,000 hodín/L80/B10 (ta 25°C)
Teplota okolia
Od -20 °C do +35 °C
(od +5°C s núdzovou jednotkou)

ES

Montaje
Empotradas en el techo - especifico para instalaciones continuas (RCD)
Fuente lumínica
LED
Sistema óptico
Difusor ópalo (OPD)
Cableado
Equipo de control electronico FIX/DALI (ECG/EDA)
A través de devanado (versión F, T)
Variante unidad de emergencia (3H)
Material
Cuerpo: aluminio extruido
Difusor: PMMA
Soportes: lámina de acero
Tratamiento de la superficie
Cuerpo: elox
Accesorios
Pieza de conexión
Vida útil
50,000 horas/L80/B10 (ta 25°C)
Temperatura ambiente
Desde -20 °C a +35 °C
(desde +5°C con unidad de emergencia)

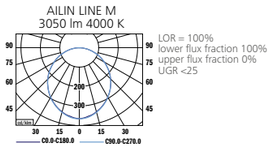
IT

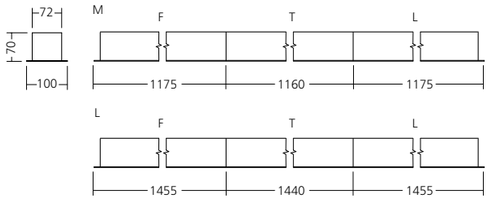
Installazione
Ad incasso a soffitto - per installazioni in linea (RCD)
Sorgente luminosa
LED
Sistema ottico
Diffusore opale (OPD)
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Cavi passanti (versioni F, T)
Variante unità di emergenza (3H)
Materiali
Corpo: estruso di alluminio
Diffusore: PMMA
Supporto: lamina d'acciaio
Finitura
Corpo: elox
Accessori
Pezzo di collegamento
Durata di vita
50,000 ore/L80/B10 (ta 25°C)
Temperatura d'ambiente
Da -20 °C a +35 °C
(da +5°C con unità di emergenza)

RU

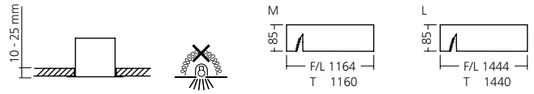
Установка
Потолочная встроенная - рассчитанная на долговременную установку (RCD)
Источник света
LED
Оптическая система
Матовый рассеиватель (OPD)
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Сквозная проводка (F/T)
Блок аварийного освещения (3H)
Материал
Корпус: экструдированный алюминий
Рассеиватель: полиметилметакрилат
Крепления: листовая сталь
Отделка поверхности
Корпус: элокс
Аксессуары
Соединительная часть
Срок службы
50,000 часов/L80/B10 (ta 25°C)
Температура окружающей среды
От -20 °C до +35 °C
(от +5°C с аварийного освещения)

PHOTOMETRY





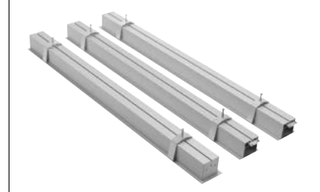
MOUNTING

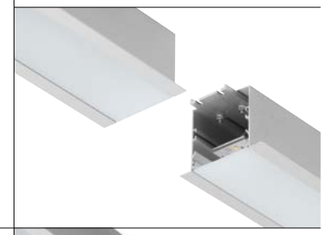


TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE (C0-180, C90-270)	EMERGENCY UNIT 3H (lm)	WEIGHT (kg)
AILIN LINE M F/T/L	2950	37	80	80+	3000	90°	130	3.2/2.8/2.8
AILIN LINE M F/T/L	3050	37	82	80+	4000	90°	140	3.2/2.8/2.8
AILIN LINE L F/T/L	3650	47	78	80+	3000	90°	170	4.0/3.8/3.8
AILIN LINE L F/T/L	3800	47	81	80+	4000	90°	180	4.0/3.8/3.8

Luminous flux tolerance +/- 10%.

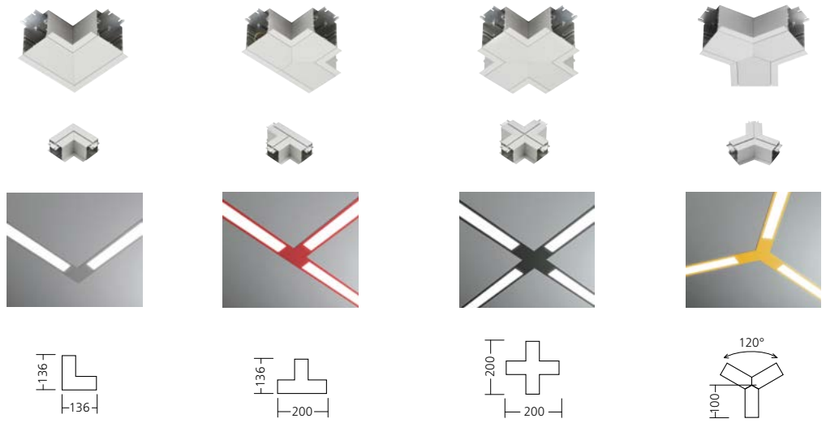






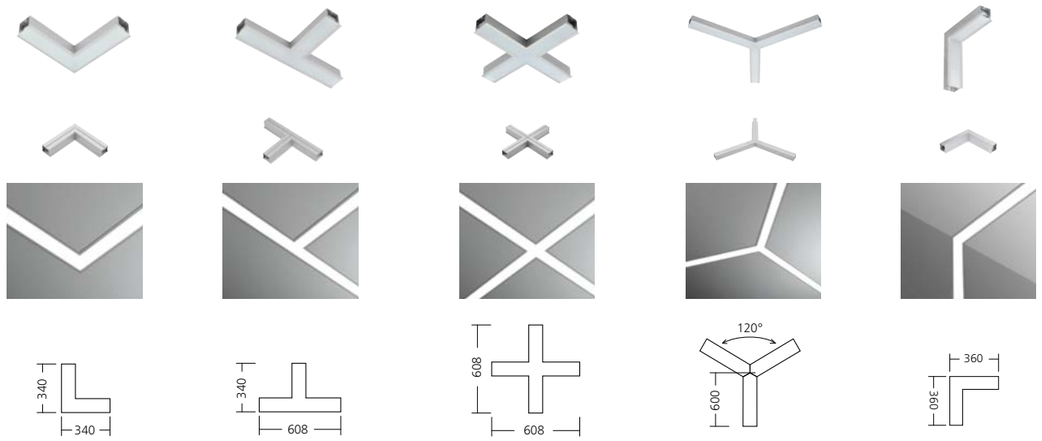


AILIN LINE
CONNECTION PIECE (CP)



AILIN LINE
LIGHTING CONNECTION PIECE (LCP)

OPAL
LED





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 LCP (kg)	WEIGHT CP (kg)
AILIN LINE L	1450	19	76	80+	3000	100°	1.7	0.4
AILIN LINE L	1500	19	79	80+	4000	100°	1.7	
AILIN LINE T	2150	28	77	80+	3000	100°	2.5	0.6
AILIN LINE T	2250	28	80	80+	4000	100°	2.5	
AILIN LINE X	2750	36	76	80+	3000	100°	3.3	0.8
AILIN LINE X	2900	36	81	80+	4000	100°	3.3	
AILIN LINE Y	4250	58	73	80+	3000	100°	4.9	0.9
AILIN LINE Y	4500	58	78	80+	4000	100°	4.9	
AILIN LINE HV	1300	19	68	80+	3000	100°	1.8	-
AILIN LINE HV	1350	19	71	80+	4000	100°	1.8	

Luminous flux tolerance +/- 10%.

220-240V 50-60Hz | LED | CRI 80+ Ra | CCT 3000 K | CCT 4000 K | ECG | IP 40

EN

Mounting
Ceiling recessed - determined for continuous installation (TMS)
Light source
LED
Optical system
Opal diffuser (OPD)
Wiring
Electronic control gear FIX (ECG)
Through wiring
Materials
Housing: extruded aluminium
Diffuser: PMMA
Surface finish
Housing: elox
Service lifetime
50,000 hours/L80/B10 (ta 25°C)
Ambient temperature
From -20 °C to +35 °C

DE

Montage
Einbauleuchte - mit Erweiterungsmöglichkeit (TMS)
Lichtquelle
LED
Optisches System
Opal Diffusor (OPD)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX (ECG)
Laufende Verkabelung
Material
Körper: Extrudiertes Aluminium
Diffusor: PMMA
Oberflächenveredelung
Körper: elox
Lebensdauer
50,000 Stunden/L80/B10 (ta 25°C)
Umgebungstemperatur
Von -20 °C bis +35 °C

FR

Montage
Plafonnier encastrable - conçu pour une installation continue (TMS)
Source lumineuse
LED
Système optique
Diffuseur opale (OPD)
Équipement électrique
Ballast électronique FIX (ECG)
Câblage traversant
Matériels
Corps: aluminium extrudé
Diffuseur: PMMA
Finition de surface
Corps: elox
Durée de vie utile
50,000 heures/L80/B10 (ta 25°C)
Température ambiante
De -20 °C à +35 °C

SK

Montáž
Vsadená - predučené na montáž do línií (TMS)
Svetelný zdroj
LED
Optický systém
Opálový difúzor (OPD)
Elektrická výbava
Elektronický predradník FIX (ECG)
Priebežné vinutie
Materiál
Teleso: extrudovaný hliník
Difúzor: PMMA
Povrchová úprava
Teleso: elox
Servisná životnosť
50,000 hodín/L80/B10 (ta 25°C)
Teplota okolia
Od -20 °C do +35 °C

ES

Montaje
Empotradas en el techo - especifico para instalaciones continuas (TMS)
Fuente luminica
LED
Sistema óptico
Difusor ópalo (OPD)
Cableado
Equipo de control electronico FIX (ECG)
A través de devanado
Material
Cuerpo: aluminio extruido
Difusor: PMMA
Tratamiento de la superficie
Cuerpo: elox
Vida útil
50,000 horas/L80/B10 (ta 25°C)
Temperatura ambiente
Desde -20 °C a +35 °C

IT

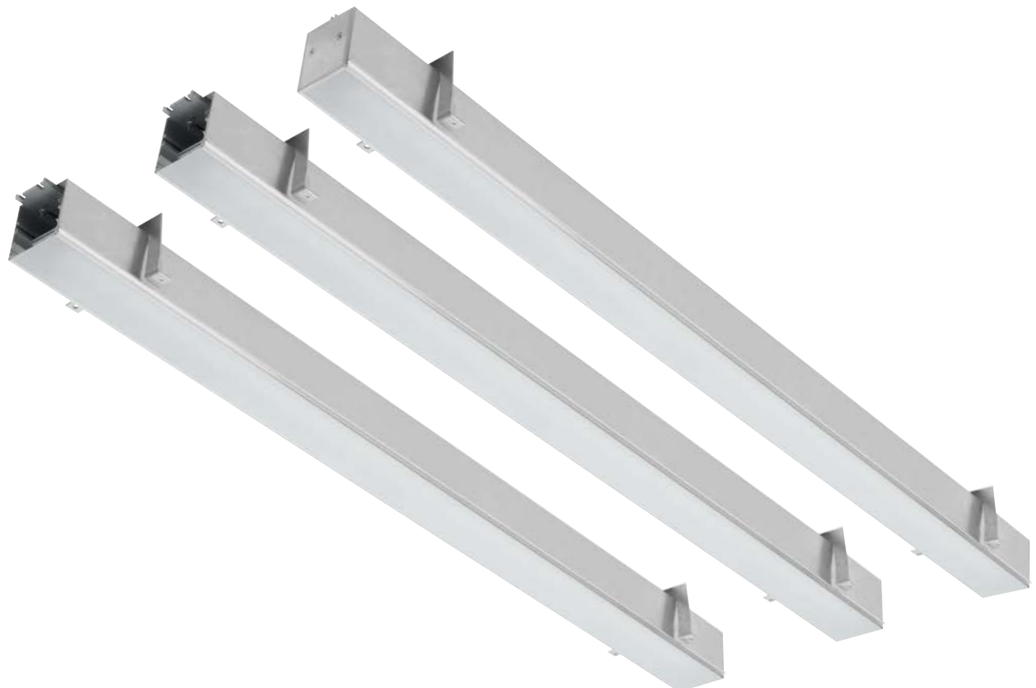
Installazione
Ad incasso a soffitto - per installazioni in linea (TMS)
Sorgente luminosa
LED
Sistema ottico
Diffusore opale (OPD)
Cablaggio
Ballast elettronico FIX (ECG)
Cavi passanti
Materiali
Corpo: estruso di alluminio
Diffusore: PMMA
Finitura
Corpo: elox
Durata di vita
50,000 ore/L80/B10 (ta 25°C)
Temperatura d'ambiente
Da -20 °C a +35 °C

RU

Установка
Потолочная встроенная - рассчитанная на долговременную установку (TMS)
Источник света
LED
Оптическая система
Матовый рассеиватель (OPD)
Электрическое оснащение
Электронный аппарат FIX (ECG)
Сквозная проводка
Материал
Корпус: экструдированный алюминий
Рассеиватель: полиметилметакрилат
Отделка поверхности
Корпус: элокс
Срок службы
50,000 часов/L80/B10 (ta 25°C)
Температура окружающей среды
От -20 °C до +35 °C

AILIN LINE TRIMLESS

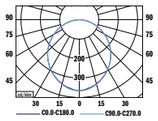
OPAL
LED



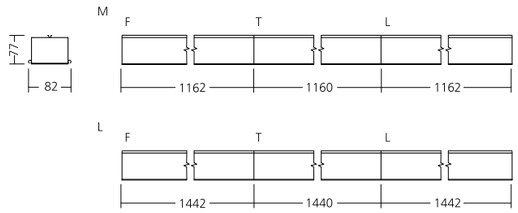
Ailin Line Trimless

PHOTOMETRY

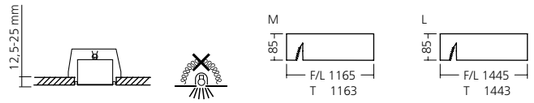
AILIN LINE TRIMLESS M
3050 lm 4000 K



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



MOUNTING



TYPE	NET LUMEN OUTPUT (at Ta = 25 °C)	POWER CONSUMPTION	SYSTEM EFFICACY	COLOUR RENDERING INDEX	CORRELATED COLOUR TEMPERATURE	BEAM ANGLE	EMERGENCY UNIT 3H	WEIGHT
	(lm)	(W)	(lm/W)	CRI (Ra)	CCT (K)	(C0-180, C90-270)	(lm)	(kg)
AILIN LINE TMS M F/T/L	2950	37	80	80+	3000	90°	130	3.3/2.9/2.9
AILIN LINE TMS M F/T/L	3050	37	82	80+	4000	90°	140	3.3/2.9/2.9
AILIN LINE TMS L F/T/L	3650	47	78	80+	3000	90°	170	4.1/3.9/3.9
AILIN LINE TMS L F/T/L	3800	47	81	80+	4000	90°	180	4.1/3.9/3.9

Luminous flux tolerance +/- 10%.









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

EN

Mounting
Ceiling recessed - determined for continuous installation (TMS)
Light source
LED
Optical system
Opal diffuser (OPD)
Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Through wiring (F, T version)
Emergency unit variant (3H)
Materials
Housing: extruded aluminium
Diffuser: PMMA
Holders: sheet steel
Surface finish
Housing: elox
Accessories
Connecting pieces
Service lifetime
50,000 hours/L80/B10 (ta 25°C)
Ambient temperature
From -20 °C to +35 °C
(from +5°C with EM unit)

DE

Montage
Einbauleuchte - mit Erweiterungsmöglichkeit (TMS)
Lichtquelle
LED
Optisches System
Opal Diffusor (OPD)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Laufende Verkabelung (F, T Version)
Notbeleuchtung Variante (3H)
Material
Körper: Extrudiertes Aluminium
Diffusor: PMMA
Halter: Stahlblech
Oberflächenveredelung
Körper: elox
Zubehör
Stutzen
Lebensdauer
50,000 Stunden/L80/B10 (ta 25°C)
Umgebungstemperatur
Von -20 °C bis +35 °C
(von +°C mit Notbeleuchtung)

FR

Montage
Plafonnier encastrable - conçu pour une installation continue (TMS)
Source lumineuse
LED
Système optique
Diffuseur opale (OPD)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Câblage traversant (version F, T)
Variante de l'unité de secours (3H)
Matériels
Corps: aluminium extrudé
Diffuseur: PMMA
Supports: tôle d'acier
Finition de surface
Corps: elox
Accessoires
Pièce de raccordement
Durée de vie utile
50,000 heures/L80/B10 (ta 25°C)
Température ambiante
De -20 °C à +35 °C
(de +5°C avec l'unite de secours)

SK

Montáž
Vsadená - predučené na montáž do línií (TMS)
Svetelný zdroj
LED
Optický systém
Opálový difúzor (OPD)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Priebežné vinutie (F, T verzia)
Varianta s núdzovou jednotkou (3H)
Materiál
Teleso: extrudovaný hliník
Difúzor: PMMA
Držiak: oceľový plech
Povrchová úprava
Teleso: elox
Príslušenstvo
Spojovacia tvarovka
Servisná životnosť
50,000 hodín/L80/B10 (ta 25°C)
Teplota okolia
Od -20 °C do +35 °C
(od +5°C s núdzovou jednotkou)

ES

Montaje
Empotradas en el techo - especifico para instalaciones continuas (TMS)
Fuente lumínica
LED
Sistema óptico
Difusor ópalo (OPD)
Cableado
Equipo de control electronico FIX/DALI (ECG/EDA)
A través de devanado (versión F, T)
Variante unidad de emergencia (3H)
Material
Cuerpo: aluminio extruido
Difusor: PMMA
Soportes: lámina de acero
Tratamiento de la superficie
Cuerpo: elox
Accesorios
Pieza de conexión
Vida útil
50,000 horas/L80/B10 (ta 25°C)
Temperatura ambiente
Desde -20 °C a +35 °C
(desde +5°C con unidad de emergencia)

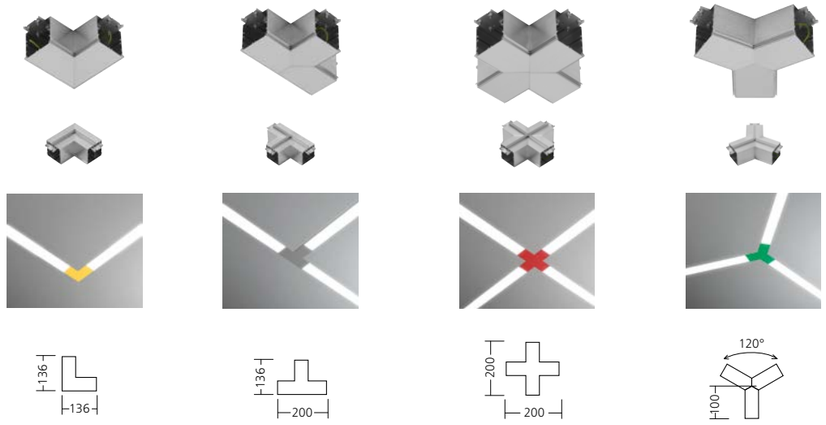
IT

Installazione
Ad incasso a soffitto - per installazioni in linea (TMS)
Sorgente luminosa
LED
Sistema ottico
Diffusore opale (OPD)
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Cavi passanti (versioni F, T)
Variante unità di emergenza (3H)
Materiali
Corpo: estruso di alluminio
Diffusore: PMMA
Supporto: lamina d'acciaio
Finitura
Corpo: elox
Accessori
Pezzo di collegamento
Durata di vita
50,000 ore/L80/B10 (ta 25°C)
Temperatura d'ambiente
Da -20 °C a +35 °C
(da +5°C con unità di emergenza)

RU

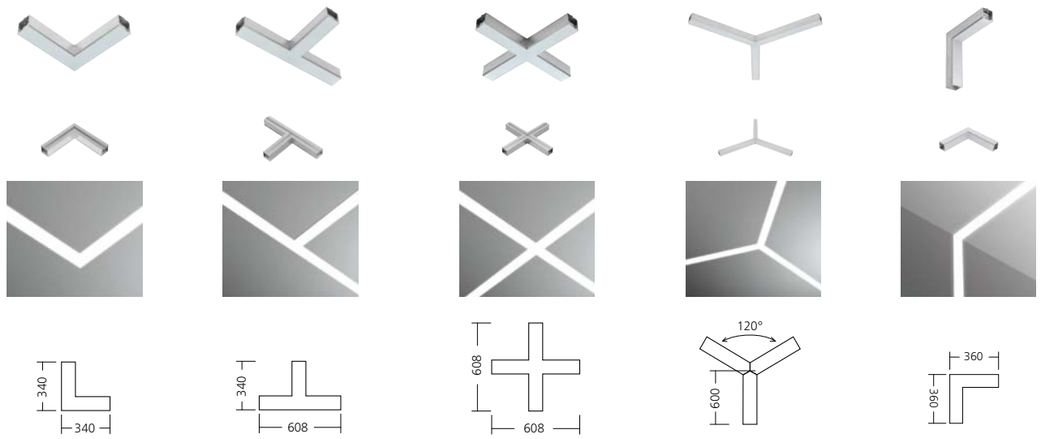
Установка
Потолочная встроенная - рассчитанная на долговременную установку (TMS)
Источник света
LED
Оптическая система
Матовый рассеиватель (OPD)
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Сквозная проводка (F/T)
Блок аварийного освещения (3H)
Материал
Корпус: экструдированный алюминий
Рассеиватель: полиметилметакрилат
Крепления: листовая сталь
Отделка поверхности
Корпус: элокс
Аксессуары
Соединительная часть
Срок службы
50,000 часов/L80/B10 (ta 25°C)
Температура окружающей среды
От -20 °C до +35 °C
(от +5°C с аварийного освещения)

AILIN LINE TRIMLESS
CONNECTION PIECE (CP)



AILIN LINE TRIMLESS
LIGHTING CONNECTION PIECE (LCP)

OPAL
LED





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 LCP (kg)	WEIGHT CP (kg)
AILIN LINE TRIMLESS L	1450	19	76	80+	3000	100°	1.7	0.4
AILIN LINE TRIMLESS L	1500	19	79	80+	4000	100°	1.7	
AILIN LINE TRIMLESS T	2150	28	77	80+	3000	100°	2.5	0.6
AILIN LINE TRIMLESS T	2250	28	80	80+	4000	100°	2.5	
AILIN LINE TRIMLESS X	2750	36	76	80+	3000	100°	3.3	0.8
AILIN LINE TRIMLESS X	2900	36	81	80+	4000	100°	3.3	
AILIN LINE TRIMLESS Y	4250	58	73	80+	3000	100°	4.9	0.9
AILIN LINE TRIMLESS Y	4500	58	78	80+	4000	100°	4.9	
AILIN LINE TRIMLESS HV	1250	19	66	80+	3000	100°	1.8	-
AILIN LINE TRIMLESS HV	1300	19	68	80+	4000	100°	1.8	

Luminous flux tolerance +/- 10%.

220-240V 50-60Hz · LED · CRI 80+ Ra · CCT 3000 K · CCT 4000 K · ECG · IP 40

EN

Mounting
Ceiling recessed - determined for continuous installation (TMS)
Light source
LED
Optical system
Opal diffuser (OPD)
Wiring
Electronic control gear FIX (ECG)
Through wiring
Materials
Housing: extruded aluminium
Diffuser: PMMA
Surface finish
Housing: elox
Service lifetime
50,000 hours/L80/B10 (ta 25°C)
Ambient temperature
From -20 °C to +35 °C

DE

Montage
Einbauleuchte - mit Erweiterungsmöglichkeit (TMS)
Lichtquelle
LED
Optisches System
Opal Diffusor (OPD)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX (ECG)
Laufende Verkabelung
Material
Körper: Extrudiertes Aluminium
Diffusor: PMMA
Oberflächenveredelung
Körper: elox
Lebensdauer
50,000 Stunden/L80/B10 (ta 25°C)
Umgebungstemperatur
Von -20 °C bis +35 °C

FR

Montage
Plafonnier encastrable - conçu pour une installation continue (TMS)
Source lumineuse
LED
Système optique
Diffuseur opale (OPD)
Équipement électrique
Ballast électronique FIX (ECG)
Câblage traversant
Matériels
Corps: aluminium extrudé
Diffuseur: PMMA
Finition de surface
Corps: elox
Durée de vie utile
50,000 heures/L80/B10 (ta 25°C)
Température ambiante
De -20 °C à +35 °C

SK

Montáž
Vsadená - predučené na montáž do línií (TMS)
Svetelný zdroj
LED
Optický systém
Opálový difúzor (OPD)
Elektrická výbava
Elektronický predradník FIX (ECG)
Priebežné vinutie
Materiál
Teleso: extrudovaný hliník
Difúzor: PMMA
Povrchová úprava
Teleso: elox
Servisná životnosť
50,000 hodín/L80/B10 (ta 25°C)
Teplota okolia
Od -20 °C do +35 °C

ES

Montaje
Empotradas en el techo - especifico para instalaciones continuas (TMS)
Fuente luminica
LED
Sistema óptico
Difusor ópalo (OPD)
Cableado
Equipo de control electronico FIX (ECG)
A través de devanado
Material
Cuerpo: aluminio extruido
Difusor: PMMA
Tratamiento de la superficie
Cuerpo: elox
Vida útil
50,000 horas/L80/B10 (ta 25°C)
Temperatura ambiente
Desde -20 °C a +35 °C

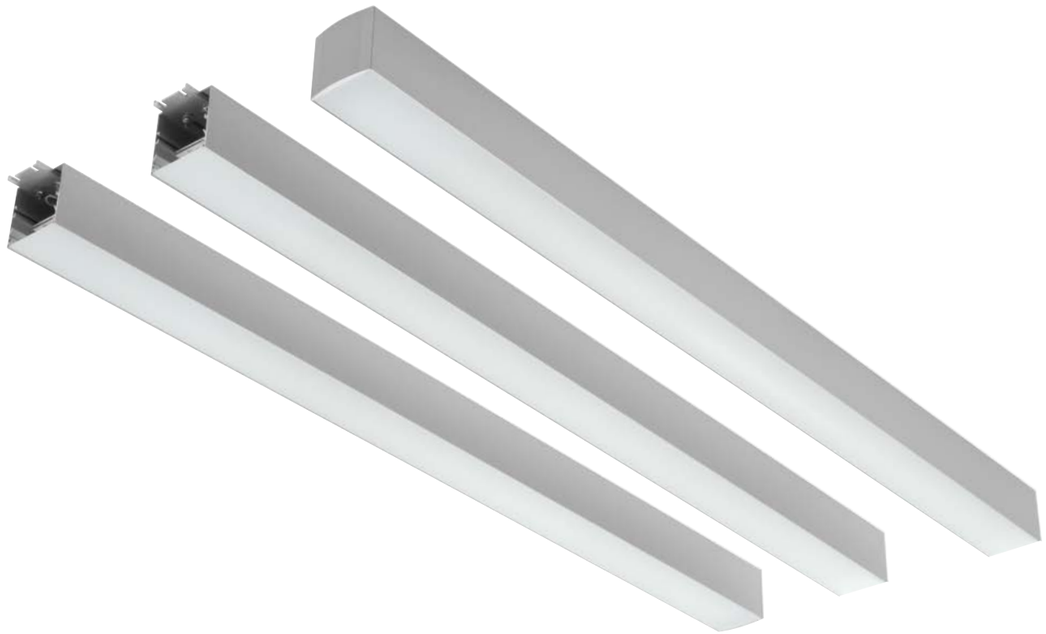
IT

Installazione
Ad incasso a soffitto - per installazioni in linea (TMS)
Sorgente luminosa
LED
Sistema ottico
Diffusore opale (OPD)
Cablaggio
Ballast elettronico FIX (ECG)
Cavi passanti
Materiali
Corpo: estruso di alluminio
Diffusore: PMMA
Finitura
Corpo: elox
Durata di vita
50,000 ore/L80/B10 (ta 25°C)
Temperatura d'ambiente
Da -20 °C a +35 °C

RU

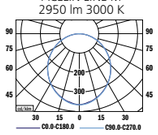
Установка
Потолочная встроенная - рассчитанная на долговременную установку (TMS)
Источник света
LED
Оптическая система
Матовый рассеиватель (OPD)
Электрическое оснащение
Электронный аппарат FIX (ECG)
Сквозная проводка
Материал
Корпус: экструдированный алюминий
Рассеиватель: полиметилметакрилат
Отделка поверхности
Корпус: элокс
Срок службы
50,000 часов/L80/B10 (ta 25°C)
Температура окружающей среды
От -20 °C до +35 °C

ACELIN LINE
OPAL
LED

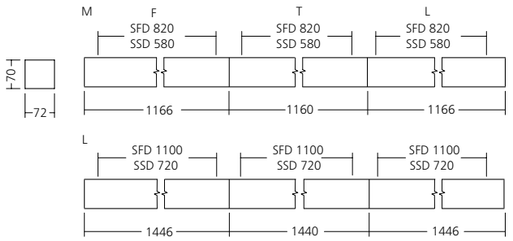


PHOTOMETRY

ACELIN LINE M
2950 lm 3000 K

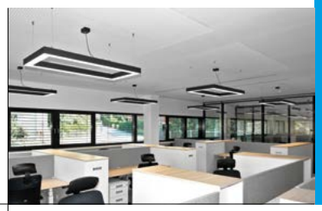


LOR = 100%
lower flux fraction 100%
upper flux fraction 0%
UGR <25

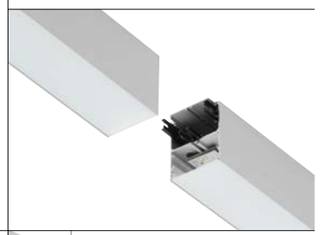


MOUNTING











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)
ACELIN LINE M F/T/L	2950	37	80	80+	3000	90°	130	2.8/2.6/2.6
ACELIN LINE M F/T/L	3050	37	82	80+	4000	90°	140	2.8/2.6/2.6
ACELIN LINE L F/T/L	3650	47	78	80+	3000	90°	170	4.1/3.9/3.9
ACELIN LINE L F/T/L	3800	47	81	80+	4000	90°	180	4.1/3.9/3.9

Luminous flux tolerance +/- 10%.

Acelin Line

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

EN

Mounting
Ceiling surfaced or suspended - determined for continuous installation (SFD/SSD)
Light source
LED
Optical system
Opal diffuser (OPD)
Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Through wiring (F, T version)
Emergency unit variant (3H)
External lead-in flexible cable (SSD F version)
Materials
Housing: extruded aluminium
Diffuser: PMMA
Rope suspension 1,5 m (SSD)
Surface finish
Housing: elox
Accessories
Connecting pieces
Service lifetime
50,000 hours/L80/B10 (ta 25°C)
Ambient temperature
From -20 °C to +35 °C
(from +5°C with EM unit)

DE

Montage
Deckenleuchte oder Hängend - mit Erweiterungsmöglichkeit (SFD/SSD)
Lichtquelle
LED
Optisches System
Opal Diffusor (OPD)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Laufende Verkabelung (F, T Version)
Notbeleuchtung Variante (3H)
Externes Anschlusskabel (SSD F Version)
Material
Körper: Extrudiertes Aluminium
Diffusor: PMMA
Seilaufhängung 1,5 m (SSD)
Oberflächenveredelung
Körper: elox
Zubehör
Stutzen
Lebensdauer
50,000 Stunden/L80/B10 (ta 25°C)
Umgebungstemperatur
Von -20 °C bis +35 °C
(von +5°C mit Notbeleuchtung)

FR

Montage
Plafonnier apparent au suspendu - conçu pour une installation continue (SFD/SSD)
Source lumineuse
LED
Système optique
Diffuseur opale (OPD)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Câblage traversant (version F, T)
Variante de l'unité de secours (3H)
Artére externe (version SSD F)
Matériels
Corps: aluminium extrudé
Diffuseur: PMMA
Câble de suspension 1,5 m (SSD)
Finition de surface
Corps: elox
Accessoires
Pièce de raccordement
Durée de vie utile
50,000 heures/L80/B10 (ta 25°C)
Température ambiante
De -20 °C à +35 °C
(de +5°C avec l'unité de secours)

SK

Montáž
Prisadená alebo závesná - predučené na montáž do líníi (SFD/SSD)
Svetelný zdroj
LED
Optický systém
Opálový difúzor (OPD)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Priebežné vinutie (F, T verzia)
Varianta s núdzovou jednotkou (3H)
Prívodný napájací kábel (SSD F verzia)
Materiál
Teleso: extrudovaný hliník
Difúzor: PMMA
Lankový záves 1,5 m (SSD)
Povrchová úprava
Teleso: elox
Príslušenstvo
Spojovacia tvarovka
Servisná životnosť
50,000 hodín/L80/B10 (ta 25°C)
Teplota okolia
Od -20 °C do +35 °C
(od +5°C s núdzovou jednotkou)

ES

Montaje
Sobrepuesto o suspendido - específico para instalaciones continuas (SFD/SSD)
Fuente lumínica
LED
Sistema óptico
Difusor ópalo (OPD)
Cableado
Equipo de control electronico FIX/DALI (ECG/EDA)
A través de devanado (versión F, T)
Variante unidad de emergencia (3H)
Cable alimentador externo (versión SSD F)
Material
Cuerpo: aluminio extruido
Difusor: PMMA
Cable de suspensión 1,5 m (SSD)
Tratamiento de la superficie
Cuerpo: elox
Accesorios
Pieza de conexión
Vida útil
50,000 horas/L80/B10 (ta 25°C)
Temperatura ambiente
Desde -20 °C a +35 °C
(desde +5°C con unidad de emergencia)

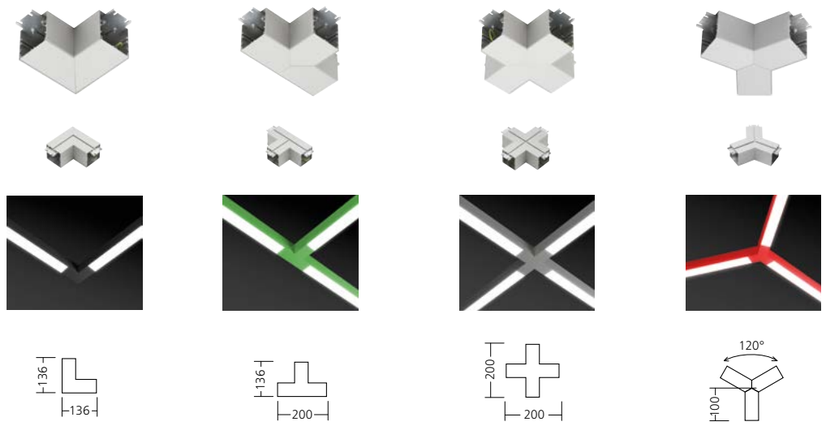
IT

Installazione
Apparecchi illuminanti a plafone o a sospensione - per installazioni in linea (SFD/SSD)
Sorgente luminosa
LED
Sistema ottico
Diffusore opale (OPD)
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Cavi passanti (versioni F, T)
Variante unità di emergenza (3H)
Cavetto di alimentazione esterno (versioni SSD F)
Materiali
Corpo: estruso di alluminio
Diffusore: PMMA
Cavo di sospensione 1,5 m (SSD)
Finitura
Corpo: elox
Accessori
Pezzo di collegamento
Durata di vita
50,000 ore/L80/B10 (ta 25°C)
Temperatura d'ambiente
Da -20 °C a +35 °C
(da +5°C con unità di emergenza)

RU

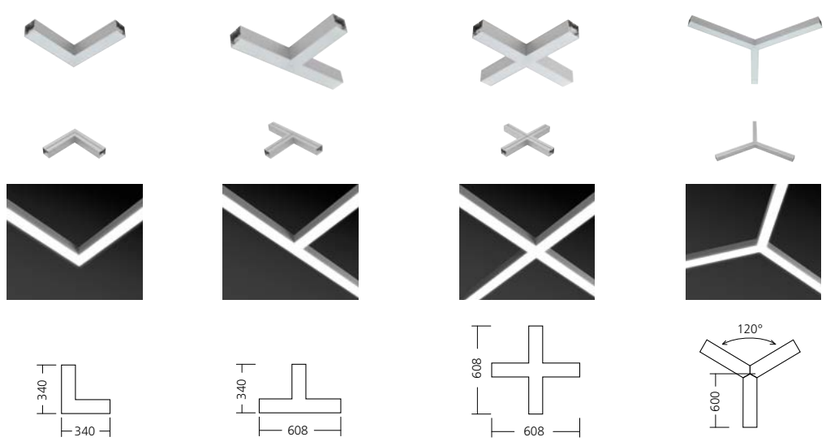
Установка
Потолочная накладная или подвесная - рассчитанная на долговременную установку (SFD/SSD)
Источник света
LED
Оптическая система
Матовый рассеиватель (OPD)
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Сквозная проводка (F/T)
Блок аварийного освещения (3H)
Внешний свинца в гибком кабеле (SSD F)
Материал
Корпус: экструдированный алюминий
Рассеиватель: полиметилметакрилат
Тросовый подвес 1,5 m (SSD)
Отделка поверхности
Корпус: элокс
Аксессуары
Соединительная часть
Срок службы
50,000 часов/L80/B10 (ta 25°C)
Температура окружающей среды
От -20 °C до +35 °C
(от +5°C с аварийного освещения)

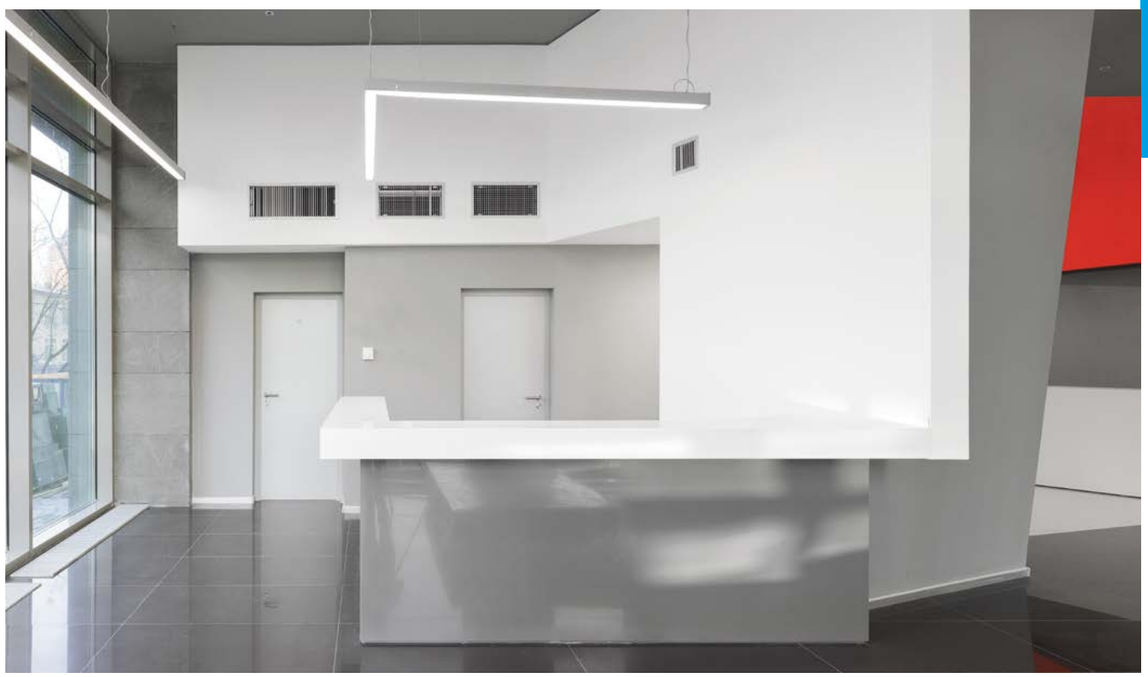
ACELIN LINE
CONNECTION PIECE (CP)



ACELIN LINE
LIGHTING CONNECTION PIECE (LCP)

OPAL
LED





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)	LCP (kg)	WEIGHT (kg)
ACELIN LINE L	1450	19	76	80+	3000	100°	1.6	0.4
ACELIN LINE L	1500	19	79	80+	4000	100°	1.6	
ACELIN LINE T	2150	28	77	80+	3000	100°	2.3	0.6
ACELIN LINE T	2250	28	80	80+	4000	100°	2.3	
ACELIN LINE X	2750	36	76	80+	3000	100°	3.1	0.7
ACELIN LINE X	2900	36	81	80+	4000	100°	3.1	
ACELIN LINE Y	4250	58	73	80+	3000	100°	4.7	0.7
ACELIN LINE Y	4500	58	78	80+	4000	100°	4.7	

Luminous flux tolerance +/- 10%.

220-240V 50-60Hz | LED | CRI 80+ Ra | CCT 3000 K | CCT 4000 K | ECG | IP 40

EN

Mounting
Ceiling surfaced or suspended - determined for continuous installation (SFD/SSD)
Light source
LED
Optical system
Opal diffuser (OPD)
Wiring
Electronic control gear FIX (ECG)
Through wiring
Materials
Housing: extruded aluminium
Diffuser: PMMA
Surface finish
Housing: elox
Service lifetime
50,000 hours/L80/B10 (ta 25°C)
Ambient temperature
From -20 °C to +35 °C

DE

Montage
Deckenleuchte oder Hängend - mit Erweiterungsmöglichkeit (SFD/SSD)
Lichtquelle
LED
Optisches System
Opal Diffusor (OPD)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX (ECG)
Laufende Verkabelung
Material
Körper: Extrudiertes Aluminium
Diffusor: PMMA
Oberflächenveredelung
Körper: elox
Lebensdauer
50,000 Stunden/L80/B10 (ta 25°C)
Umgebungstemperatur
Von -20 °C bis +35 °C

FR

Montage
Plafonnier apparent au suspendu - conçu pour une installation continue (SFD/SSD)
Source lumineuse
LED
Système optique
Diffuseur opale (OPD)
Équipement électrique
Ballast électronique FIX (ECG)
Câblage traversant
Matériels
Corps: aluminium extrudé
Diffuseur: PMMA
Finition de surface
Corps: elox
Durée de vie utile
50,000 heures/L80/B10 (ta 25°C)
Température ambiante
De -20 °C à +35 °C

SK

Montáž
Prisadená alebo závesná - predučené na montáž do línií (SFD/SSD)
Svetelný zdroj
LED
Optický systém
Opálový difúzor (OPD)
Elektrická výbava
Elektronický predradník FIX (ECG)
Priebežné vinutie
Materiál
Teleso: extrudovaný hliník
Difúzor: PMMA
Povrchová úprava
Teleso: elox
Servisná životnosť
50,000 hodín/L80/B10 (ta 25°C)
Teplota okolia
Od -20 °C do +35 °C

ES

Montaje
Sobrepuesto o suspendido - especifico para instalaciones continuas (SFD/SSD)
Fuente lumínica
LED
Sistema óptico
Difusor ópalo (OPD)
Cableado
Equipo de control electronico FIX (ECG)
A través de devanado
Material
Cuerpo: aluminio extruido
Difusor: PMMA
Tratamiento de la superficie
Cuerpo: elox
Vida útil
50,000 horas/L80/B10 (ta 25°C)
Temperatura ambiente
Desde -20 °C a +35 °C

IT

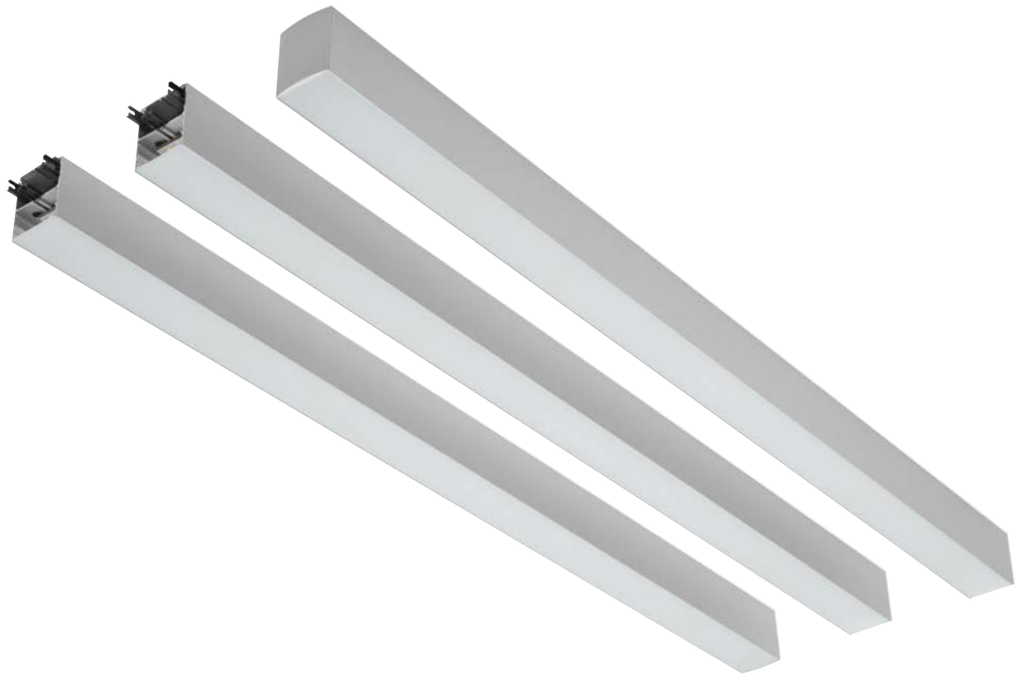
Installazione
Apparecchi illuminanti a plafone o a sospensione - per installazioni in linea (SFD/SSD)
Sorgente luminosa
LED
Sistema ottico
Diffusore opale (OPD)
Cablaggio
Ballast elettronico FIX (ECG)
Cavi passanti
Materiali
Corpo: estruso di alluminio
Diffusore: PMMA
Finitura
Corpo: elox
Durata di vita
50,000 ore/L80/B10 (ta 25°C)
Temperatura d'ambiente
Da -20 °C a +35 °C

RU

Установка
Потолочная накладная или подвесная - рассчитанная на долговременную установку (SFD/SSD)
Источник света
LED
Оптическая система
Матовый рассеиватель (OPD)
Электрическое оснащение
Электронный аппарат FIX (ECG)
Сквозная проводка
Материал
Корпус: экструдированный алюминий
Рассеиватель: полиметилметакрилат
Отделка поверхности
Корпус: элокс
Срок службы
50,000 часов/L80/B10 (ta 25°C)
Температура окружающей среды
От -20 °C до +35 °C

3 YEARS WARRANTY | MAINTENANCE FREE | ECO FRIENDLY | ENERGY SAVING | UV/IR | EEC A++/A+/A

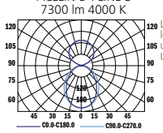
ACELIN D-I LINE
OPAL
LED



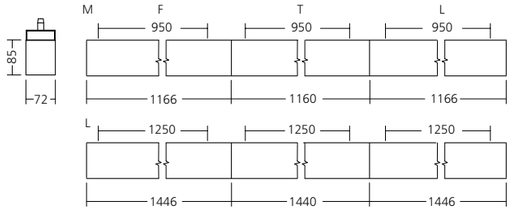
Acelin D-I Line

PHOTOMETRY

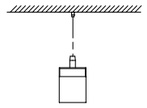
ACELIN D-I LINE L
7300 lm 4000 K



LOR = 100%
lower flux fraction 63%
upper flux fraction 37%
UGR <22



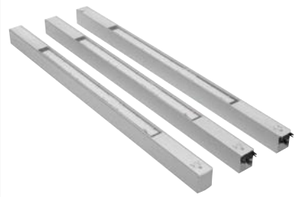
MOUNTING

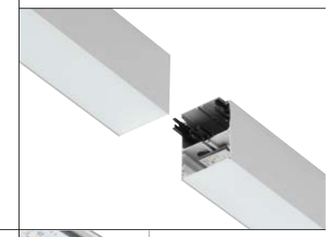


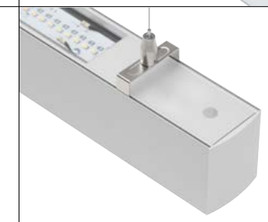
TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE (C0-180, C90-270)	WEIGHT (kg)
ACELIN D-I LINE M F/T/L	5500	59	93	80+	3000	90°	4.1/3.9/3.9
ACELIN D-I LINE M F/T/L	5750	59	97	80+	4000	90°	4.1/3.9/3.9
ACELIN D-I LINE L F/T/L	6900	74	93	80+	3000	90°	4.5/4.3/4.3
ACELIN D-I LINE L F/T/L	7300	74	99	80+	4000	90°	4.5/4.3/4.3

Luminous flux tolerance +/- 10%.









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

EN

Mounting
Suspended - determined for continuous installation (SSD)
Light source
LED
Optical system
Opal diffuser (OPD)
Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Through wiring (F, T version)
External lead-in flexible cable (F version)
Materials
Housing: extruded aluminium
Diffuser: PMMA
Rope suspension 1,5 m
Surface finish
Housing: elox
Accessories
Connecting pieces
Service lifetime
50,000 hours/L80/B10 (ta 25°C)
Ambient temperature
From -20 °C to +35 °C

DE

Montage
Hängend - mit Erweiterungsmöglichkeit (SSD)
Lichtquelle
LED
Optisches System
Opal Diffusor (OPD)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Laufende Verkabelung (F, T Version)
Externes Anschlusskabel (SSD F Version)
Material
Körper: Extrudiertes Aluminium
Diffusor: PMMA
Seilaufhängung 1,5 m
Oberflächenveredelung
Körper: elox
Zubehör
Stutzen
Lebensdauer
50,000 Stunden/L80/B10 (ta 25°C)
Umgebungstemperatur
Von -20 °C bis +35 °C

FR

Montage
Plafonnier suspendu - conçu pour une installation continue (SSD)
Source lumineuse
LED
Système optique
Diffuseur opale (OPD)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Câblage traversant (version F, T)
Artére externe (version SSD F)
Matériels
Corps: aluminium extrudé
Diffuseur: PMMA
Câble de suspension 1,5 m
Finition de surface
Corps: elox
Accessoires
Pièce de raccordement
Durée de vie utile
50,000 heures/L80/B10 (ta 25°C)
Température ambiante
De -20 °C à +35 °C

SK

Montáž
Závesná - predučené na montáž do línií (SSD)
Svetelný zdroj
LED
Optický systém
Opálový difúzor (OPD)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Priebežné vinutie (F, T verzia)
Prívodný napájací kábel (SSD F verzia)
Materiál
Teleso: extrudovaný hliník
Difúzor: PMMA
Lankový záves 1,5 m
Povrchová úprava
Teleso: elox
Príslušenstvo
Spojovacia tvarovka
Servisná životnosť
50,000 hodín/L80/B10 (ta 25°C)
Teplota okolia
Od -20 °C do +35 °C

ES

Montaje
Suspendidas - especifico para instalaciones continuas (SSD)
Fuente lumínica
LED
Sistema óptico
Difusor ópalo (OPD)
Cableado
Equipo de control electronico FIX/DALI (ECG/EDA)
A través de devanado (versión F, T)
Cable alimentador externo (versión SSD F)
Material
Cuerpo: aluminio extruido
Difusor: PMMA
Cable de suspensión 1,5 m
Tratamiento de la superficie
Cuerpo: elox
Accesorios
Pieza de conexión
Vida útil
50,000 horas/L80/B10 (ta 25°C)
Temperatura ambiente
Desde -20 °C a +35 °C

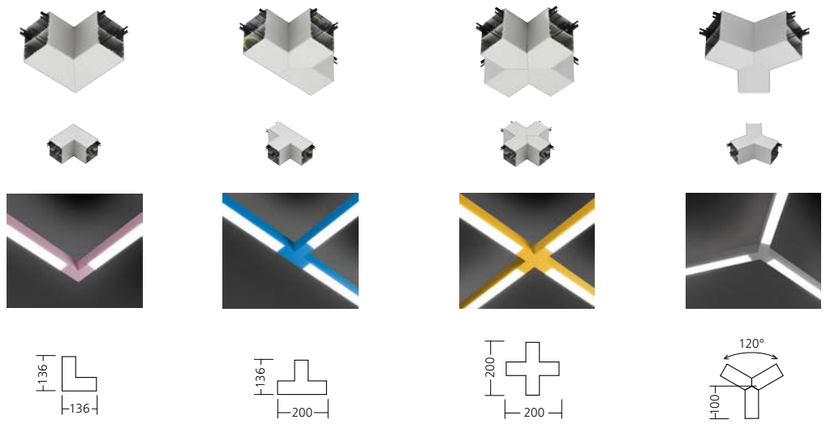
IT

Installazione
A sospensione - per installazioni in linea (SSD)
Sorgente luminosa
LED
Sistema ottico
Diffusore opale (OPD)
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Cavi passanti (versioni F, T)
Cavetto di alimentazione esterno (versioni SSD F)
Materiali
Corpo: estruso di alluminio
Diffusore: PMMA
Cavo di sospensione 1,5 m
Finitura
Corpo: elox
Accessori
Pezzo di collegamento
Durata di vita
50,000 ore/L80/B10 (ta 25°C)
Temperatura d'ambiente
Da -20 °C a +35 °C

RU

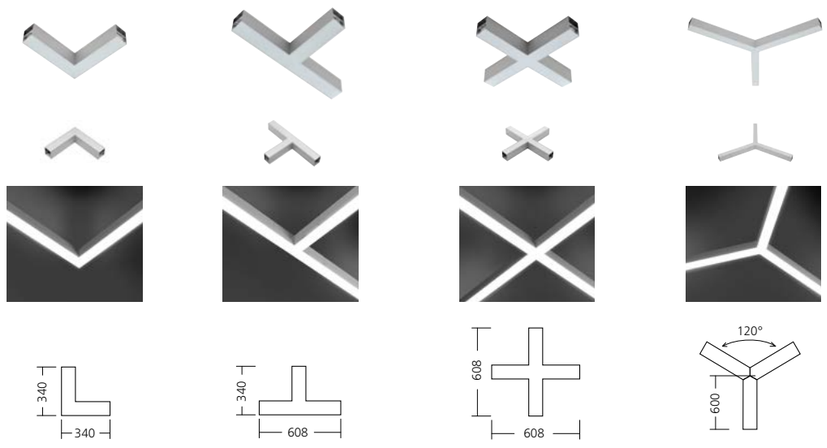
Установка
Подвесная - рассчитанная на долговременную установку (SSD)
Источник света
LED
Оптическая система
Матовый рассеиватель (OPD)
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Сквозная проводка (F/T)
Внешний свинца в гибком кабеле (SSD F)
Материал
Корпус: экструдированный алюминий
Рассеиватель: полиметилметакрилат
Тросовый подвес 1,5 м
Отделка поверхности
Корпус: элокс
Аксессуары
Соединительная часть
Срок службы
50,000 часов/L80/B10 (ta 25°C)
Температура окружающей среды
От -20 °C до +35 °C

ACELIN D-I LINE
CONNECTION PIECE (CP)



ACELIN D-I LINE
LIGHTING CONNECTION PIECE (LCP)

OPAL
LED





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 LCP (kg)	WEIGHT CP (kg)
ACELIN D-I LINE L	1450	19	76	80+	3000	100°	2.1	0.4
ACELIN D-I LINE L	1500	19	79	80+	4000	100°	2.1	
ACELIN D-I LINE T	2150	28	77	80+	3000	100°	3.1	0.6
ACELIN D-I LINE T	2250	28	80	80+	4000	100°	3.1	
ACELIN D-I LINE X	1750	36	76	80+	3000	100°	4.1	0.7
ACELIN D-I LINE X	1900	36	81	80+	4000	100°	4.1	
ACELIN D-I LINE Y	4250	58	73	80+	3000	100°	5.8	0.8
ACELIN D-I LINE Y	4500	58	78	80+	4000	100°	5.8	

Luminous flux tolerance +/- 10%.

220-240V 50-60Hz | LED | CRI 80+ Ra | CCT 3000 K | CCT 4000 K | ECG | IP 40

EN

Mounting
Suspended - determined for continuous installation (SSD)
Light source
LED
Optical system
Opal diffuser (OPD)
Wiring
Electronic control gear FIX (ECG)
Through wiring
Materials
Housing: extruded aluminium
Diffuser: PMMA
Surface finish
Housing: elox
Service lifetime
50,000 hours/L80/B10 (ta 25°C)
Ambient temperature
From -20 °C to +35 °C

DE

Montage
Hängend - mit Erweiterungsmöglichkeit (SSD)
Lichtquelle
LED
Optisches System
Opal Diffusor (OPD)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX (ECG)
Laufende Verkabelung
Material
Körper: Extrudiertes Aluminium
Diffusor: PMMA
Oberflächenveredelung
Körper: elox
Lebensdauer
50,000 Stunden/L80/B10 (ta 25°C)
Umgebungstemperatur
Von -20 °C bis +35 °C

FR

Montage
Plafonnier suspendu - conçu pour une installation continue (SSD)
Source lumineuse
LED
Système optique
Diffuseur opale (OPD)
Équipement électrique
Ballast électronique FIX (ECG)
Câblage traversant
Matériels
Corps: aluminium extrudé
Diffuseur: PMMA
Finition de surface
Corps: elox
Durée de vie utile
50,000 heures/L80/B10 (ta 25°C)
Température ambiante
De -20 °C à +35 °C

SK

Montáž
Závesná - predučené na montáž do línií (SSD)
Svetelný zdroj
LED
Optický systém
Opálový difúzor (OPD)
Elektrická výbava
Elektronický predradník FIX (ECG)
Priebežné vinutie
Materiál
Teleso: extrudovaný hliník
Difúzor: PMMA
Povrchová úprava
Teleso: elox
Servisná životnosť
50,000 hodín/L80/B10 (ta 25°C)
Teplota okolia
Od -20 °C do +35 °C

ES

Montaje
Suspendidas - especifico para instalaciones continuas (SSD)
Fuente lumínica
LED
Sistema óptico
Difusor ópalo (OPD)
Cableado
Equipo de control electronico FIX (ECG)
A través de devanado
Material
Cuerpo: aluminio extruido
Difusor: PMMA
Tratamiento de la superficie
Cuerpo: elox
Vida útil
50,000 horas/L80/B10 (ta 25°C)
Temperatura ambiente
Desde -20 °C a +35 °C

IT

Installazione
A sospensione - per installazioni in linea (SSD)
Sorgente luminosa
LED
Sistema ottico
Diffusore opale (OPD)
Cablaggio
Ballast elettronico FIX (ECG)
Cavi passanti
Materiali
Corpo: estruso di alluminio
Diffusore: PMMA
Finitura
Corpo: elox
Durata di vita
50,000 ore/L80/B10 (ta 25°C)
Temperatura d'ambiente
Da -20 °C a +35 °C

RU

Установка
Подвесная - рассчитанная на долговременную установку (SSD)
Источник света
LED
Оптическая система
Матовый рассеиватель (OPD)
Электрическое оснащение
Электронный аппарат FIX (ECG)
Сквозная проводка
Материал
Корпус: экструдированный алюминий
Рассеиватель: полиметилметакрилат
Отделка поверхности
Корпус: элокс
Срок службы
50,000 часов/L80/B10 (ta 25°C)
Температура окружающей среды
От -20 °C до +35 °C

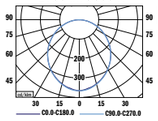
ACELIN W LINE
OPAL
LED



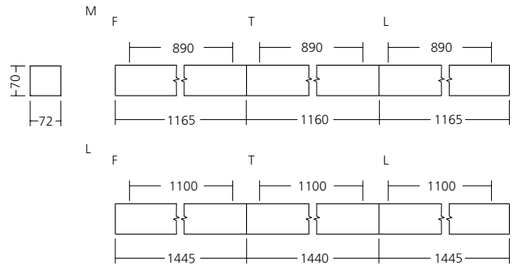
Acelin W Line

PHOTOMETRY

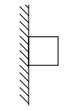
ACELIN W LINE M
2750 lm 3000 K



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



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)
ACELIN W LINE M F/T/L	2750	37	74	80+	3000	108°	3.5/3.4/3.4
ACELIN W LINE M F/T/L	2850	37	77	80+	4000	108°	3.5/3.4/3.4
ACELIN W LINE L F/T/L	3350	46	73	80+	3000	108°	4.1/4.0/4.0
ACELIN W LINE L F/T/L	3550	46	77	80+	4000	108°	4.1/4.0/4.0

Luminous flux tolerance +/- 10%.







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

EN

Mounting
Wall mounted - determined for continuous installation (WMD))
Light source
LED
Optical system
Opal diffuser (OPD)
Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Through wiring (F, T version)
Materials
Housing: extruded aluminium
Diffuser: PMMA
Holders: extruded aluminium
Surface finish
Housing: elox
Service lifetime
50,000 hours/L80/B10 (ta 25°C)
Ambient temperature
From -20 °C to +35 °C

DE

Montage
Wandleuchte - mit Erweiterungsmöglichkeit (WMD)
Lichtquelle
LED
Optisches System
Opal Diffusor (OPD)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Laufende Verkabelung (F, T Version)
Material
Körper: Extrudiertes Aluminium
Diffusor: PMMA
Halter: Extrudiertes Aluminium
Oberflächenveredelung
Körper: elox
Lebensdauer
50,000 Stunden/L80/B10 (ta 25°C)
Umgebungstemperatur
Von -20 °C bis +35 °C

FR

Montage
Applique murale - conçu pour une installation continue (WMD)
Source lumineuse
LED
Système optique
Diffuseur opale (OPD)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Câblage traversant (version F, T)
Matériels
Corps: aluminium extrudé
Diffuseur: PMMA
Supports: Aluminium extrudé
Finition de surface
Corps: elox
Durée de vie utile
50,000 heures/L80/B10 (ta 25°C)
Température ambiante
De -20 °C à +35 °C

SK

Montáž
Montáž na stenu - predučené na montáž do línií (WMD)
Svetelný zdroj
LED
Optický systém
Opálový difúzor (OPD)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Priebežné vinutie (F, T verzia)
Materiál
Teleso: extrudovaný hliník
Difúzor: PMMA
Držiak: extrudovaný hliník
Povrchová úprava
Teleso: elox
Servisná životnosť
50,000 hodín/L80/B10 (ta 25°C)
Teplota okolia
Od -20 °C do +35 °C

ES

Montaje
Montaje en pared - especifico para instalaciones continuas (WMD)
Fuente luminica
LED
Sistema óptico
Difusor ópalo (OPD)
Cableado
Equipo de control electronico FIX/DALI (ECG/EDA)
A través de devanado (versión F, T)
Material
Cuerpo: aluminio extruido
Difusor: PMMA
Soportes: aluminio extruido
Tratamiento de la superficie
Cuerpo: elox
Vida útil
50,000 horas/L80/B10 (ta 25°C)
Temperatura ambiente
Desde -20 °C a +35 °C

IT

Installazione
A parete - per installazioni in linea (WMD)
Sorgente luminosa
LED
Sistema ottico
Diffusore opale (OPD)
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Cavi passanti (versioni F, T)
Materiali
Corpo: estruso di alluminio
Diffusore: PMMA
Supporto: estruso di alluminio
Finitura
Corpo: elox
Durata di vita
50,000 ore/L80/B10 (ta 25°C)
Temperatura d'ambiente
Da -20 °C a +35 °C

RU

Установка
Настенная - рассчитанная на долговременную установку (WMD)
Источник света
LED
Оптическая система
Матовый рассеиватель (OPD)
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Сквозная проводка (F/T)
Материал
Корпус: экструдированный алюминий
Рассеиватель: полиметилметакрилат
Крепления: экструдированный алюминий
Отделка поверхности
Корпус: элокс
Срок службы
50,000 часов/L80/B10 (ta 25°C)
Температура окружающей среды
От -20 °C до +35 °C

ACELIN W D-I LINE

OPAL

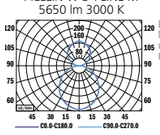
LED



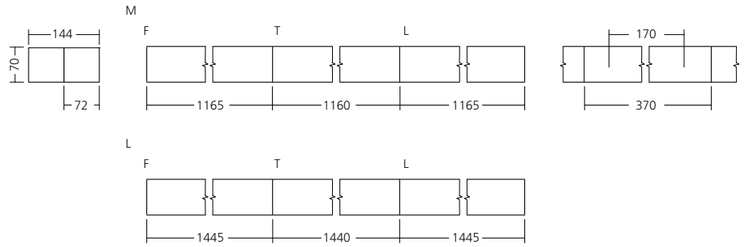
Acelin W D-I Line

PHOTOMETRY

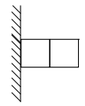
ACELIN W D-I LINE M
5650 lm 3000 K



LOR = 100%
lower flux fraction 64%
upper flux fraction 36%
UGR <28



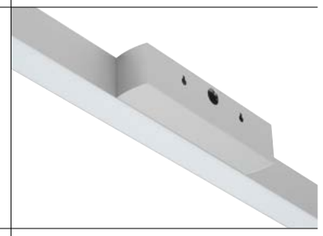
MOUNTING











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)
ACELIN W D-I LINE M F/T/L	5650	59	96	80+	3000	109°	5.9/5.8/5.8
ACELIN W D-I LINE M F/T/L	5850	59	99	80+	4000	109°	5.9/5.8/5.8
ACELIN W D-I LINE L F/T/L	7100	74	96	80+	3000	109°	6.5/6.4/6.4
ACELIN W D-I LINE L F/T/L	7350	74	99	80+	4000	109°	6.5/6.4/6.4

Luminous flux tolerance +/- 10%.

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

EN

Mounting
Wall mounted - determined for continuous installation (WMD)
Light source
LED
Optical system
Opal diffuser (OPD)
Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Through wiring (F, T version)
Materials
Housing: extruded aluminium
Diffuser: PMMA
Surface finish
Housing: elox
Service lifetime
50,000 hours/L80/B10 (ta 25°C)
Ambient temperature
From -20 °C to +35 °C

DE

Montage
Wandleuchte - mit Erweiterungsmöglichkeit (WMD)
Lichtquelle
LED
Optisches System
Opal Diffusor (OPD)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Laufende Verkabelung (F, T Version)
Material
Körper: Extrudiertes Aluminium
Diffusor: PMMA
Oberflächenveredelung
Körper: elox
Lebensdauer
50,000 Stunden/L80/B10 (ta 25°C)
Umgebungstemperatur
Von -20 °C bis +35 °C

FR

Montage
Applique murale - conçu pour une installation continue (WMD)
Source lumineuse
LED
Système optique
Diffuseur opale (OPD)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Câblage traversant (version F, T)
Matériels
Corps: aluminium extrudé
Diffuseur: PMMA
Finition de surface
Corps: elox
Durée de vie utile
50,000 heures/L80/B10 (ta 25°C)
Température ambiante
De -20 °C à +35 °C

SK

Montáž
Montáž na stenu - predučené na montáž do línií (WMD)
Svetelný zdroj
LED
Optický systém
Opálový difúzor (OPD)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Priebežné vinutie (F, T verzia)
Materiál
Teleso: extrudovaný hliník
Difúzor: PMMA
Povrchová úprava
Teleso: elox
Servisná životnosť
50,000 hodín/L80/B10 (ta 25°C)
Teplota okolia
Od -20 °C do +35 °C

ES

Montaje
Montaje en pared - especifico para instalaciones continuas (WMD)
Fuente lumínica
LED
Sistema óptico
Difusor ópalo (OPD)
Cableado
Equipo de control electronico FIX/DALI (ECG/EDA)
A través de devanado (versión F, T)
Material
Cuerpo: aluminio extruido
Difusor: PMMA
Tratamiento de la superficie
Cuerpo: elox
Vida útil
50,000 horas/L80/B10 (ta 25°C)
Temperatura ambiente
Desde -20 °C a +35 °C

IT

Installazione
A parete - per installazioni in linea (WMD)
Sorgente luminosa
LED
Sistema ottico
Diffusore opale (OPD)
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Cavi passanti (versioni F, T)
Materiali
Corpo: estruso di alluminio
Diffusore: PMMA
Finitura
Corpo: elox
Durata di vita
50,000 ore/L80/B10 (ta 25°C)
Temperatura d'ambiente
Da -20 °C a +35 °C

RU

Установка
Настенная - рассчитанная на долговременную установку (WMD)
Источник света
LED
Оптическая система
Матовый рассеиватель (OPD)
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Сквозная проводка (F/T)
Материал
Корпус: экструдированный алюминий
Рассеиватель: полиметилметакрилат
Отделка поверхности
Корпус: элокс
Срок службы
50,000 часов/L80/B10 (ta 25°C)
Температура окружающей среды
От -20 °C до +35 °C

3 YEARS WARRANTY · MAINTENANCE FREE · ECO FRIENDLY · ENERGY SAVING · UV/IR · EEC A++/A+/A

Commercial

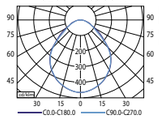
HAMO TW
MICROPRISMA / OPAL
LED



Hamo TW

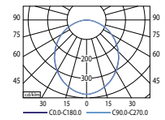
PHOTOMETRY

HAMO TW MCD
3200 lm 6500 K



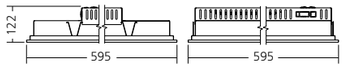
LOR = 100%
lower flux fraction 100%
upper flux fraction 0%
UGR <19

HAMO TW OPD
3600 lm 6500 K

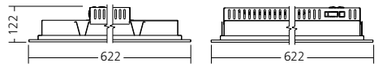


LOR = 100%
lower flux fraction 100%
upper flux fraction 0%
UGR <22

PV1



PR1



MOUNTING

PV CEILING (600 x 600)

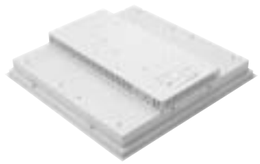


PR CEILING (625 x 625)









FRAME FOR PLASTERBOARD INSTALLATION (PB1)



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)
HAMO TW MCD	3100-3200	30	103-107	80+	2700-6500	87°	6.7
HAMO TW OPD	3500-3600	30	117-120	80+	2700-6500	107°	6.7

Luminous flux tolerance +/- 10%.

220-240V 50-60Hz | LED | CRI 80+ Ra | CCT tunable white
EDA DALI | IP20 | IP40

EN

Mounting
Ceiling recessed
PVx/PRx - T-ceiling
Light source
LED
Optical system
Microprismatic/opal diffuser (MCD/OPD)
Wiring
Electronic control gear DALI (EDA)
Materials
Housing: sheet steel
Diffuser: PMMA
Frame: sheet steel
Surface finish
Housing: white RAL 9003 (W03)
Accessories
Frame for plasterboard installation
Service lifetime
50,000 hours/L80/B10 (ta 25°C)
Ambient temperature
From -20 °C to +45 °C

DE

Montage
Einbauleuchte
PVx/PRx - Sichtbare T-schiene Decke
Lichtquelle
LED
Optisches System
Mikroprismatischer/opaler Diffusor (MCD/OPD)
Vorschaltgerät
Elektronisches Vorschaltgerät DALI (EDA)
Material
Körper: Stahlblech
Diffusor: PMMA
Rahmen: Stahlblech
Oberflächenveredelung
Körper: weiss RAL 9003 (W03)
Zubehör
Rahmen für Gipskarton -Installation
Lebensdauer
50,000 Stunden/L80/B10 (ta 25°C)
Umgebungstemperatur
Von -20 °C bis +45 °C

FR

Montage
Plafonnier encastrable
PVx/PRx - Un faux plafond
Source lumineuse
LED
Système optique
Diffuseur microprisme/opale (MCD/OPD)
Équipement électrique
Ballast électronique DALI (EDA)
Matériels
Corps: tôle d'acier
Diffuseur: PMMA
Cadre: tôle d'acier
Finition de surface
Corps: blanc RAL 9003 (W03)
Accessoires
Cadre pour l'installation de plaques de plâtre
Durée de vie utile
50,000 heures/L80/B10 (ta 25°C)
Température ambiante
De -20 °C à +45 °C

SK

Montáž
Vsadené
PVx/PRx - Kazetový strop
Svetelný zdroj
LED
Optický systém
Mikroprizmatický/opálový difúzor (MCD/OPD)
Elektrická výbava
Elektronický predradník DALI (EDA)
Materiál
Teleso: oceľový plech
Difúzor: PMMA
Rám: oceľový plech
Povrchová úprava
Teleso: biela RAL 9003 (W03)
Príslušenstvo
Rám pre montáž do sadrokartónového stropu
Servisná životnosť
50,000 hodín/L80/B10 (ta 25°C)
Teplota okolia
Od -20 °C do +45 °C

ES

Montaje
Empotradas en el techo
PVx/PRx - Techo T
Fuente luminica
LED
Sistema óptico
Difusor microprismático/ópalo (MCD/OPD)
Cableado
Equipo de control electronico DALI (EDA)
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-
Vida útil
50,000 horas/L80/B10 (ta 25°C)
Temperatura ambiente
Desde -20 °C a +45 °C

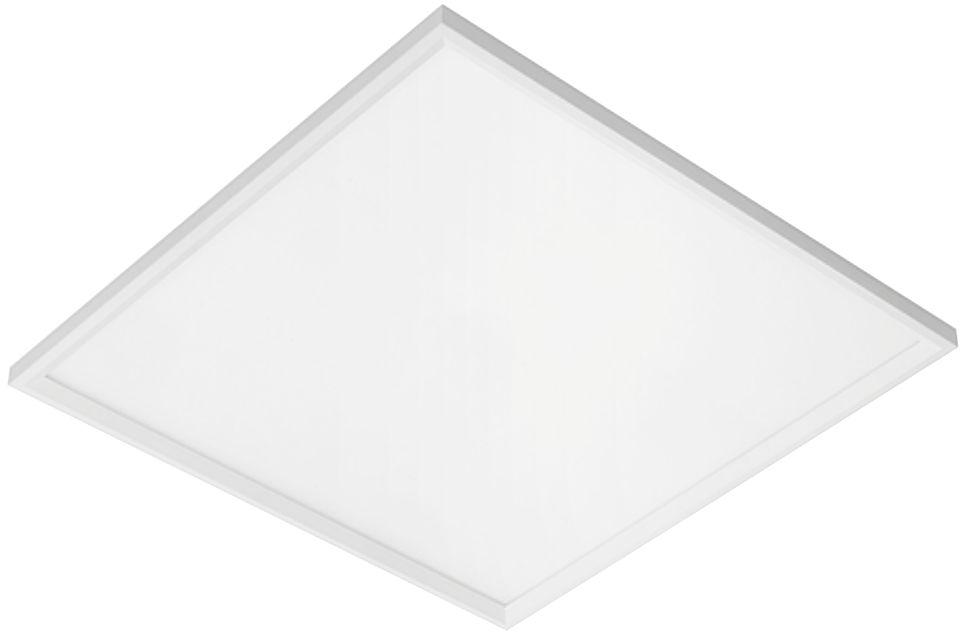
IT

Installazione
Ad incasso a soffitto
PVx/PRx - Struttura in vista
Sorgente luminosa
LED
Sistema ottico
Diffusore microprismatico/opale (MCD/OPD)
Cablaggio
Ballast elettronico DALI (EDA)
Materiali
Corpo: lamina d'acciaio
Diffusore: PMMA
Cornice: alluminio estruso
Finitura
Corpo: bianco RAL 9003 (W03)
Accessori
Telaio per l'installazione in cartongesso
Durata di vita
50,000 ore/L80/B10 (ta 25°C)
Temperatura d'ambiente
Da -20 °C a +45 °C

RU

Установка
Потолочная встроенная
PVx/PRx - Кассетный потолок
Источник света
LED
Оптическая система
Микроприз/матовый рассеиватель (MCD/OPD)
Электрическое оснащение
Электронный аппарат DALI (EDA)
Материал
Корпус: листовая сталь
Рассеиватель: полиметилметакрилат
Каркас: листовая сталь
Отделка поверхности
Корпус: белый RAL 9003 (W03)
Аксессуары
Рамка для установки гипсокартона
Срок службы
50,000 часов/L80/B10 (ta 25°C)
Температура окружающей среды
От -20 °C до +45 °C

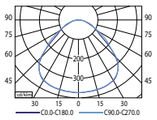
EDYN RECESSED
MICROPRISMA
LED



Edyn Recessed

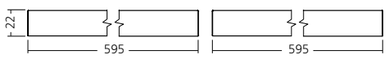
PHOTOMETRY

EDYN PV1
3400 lm 4000 K

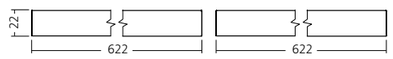


LOR = 100%
lower flux fraction 100%
upper flux fraction 0%
UGR <19

PV1



PR1



PV4



ECG/DALI



MOUNTING

PV CEILING (600 x 600)



PR CEILING (625 x 625)





PV1



PV4

FRAME FOR PLASTERBOARD INSTALLATION (PB1)



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)
EDYN PV/PR1	3300	27	122	80+	3000	102°, 106°	6.4
EDYN PV/PR1	3400	27	126	80+	4000	102°, 106°	6.4
EDYN PV4	3050	27	113	80+	3000	103°	7.4
EDYN PV4	3150	27	117	80+	4000	103°	7.4

Luminous flux tolerance +/- 10%.

220-240V 50-60Hz · LED · CRI 80+ Ra · CCT 3000 K · CCT 4000 K · ECG · EDA DALI · IP20 · IP40

EN

Mounting
Ceiling recessed
PVx/PRx - T-ceiling
Light source
LED
Optical system
Microprismatic diffuser (MCD)
Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Materials
Housing: extruded aluminium + sheet steel
Diffuser: PMMA
Surface finish
Frame: white RAL 9003 (W03)
Accessories
Frame for plasterboard installation
Service lifetime
50,000 hours/L80/B10 (ta 25°C)
Ambient temperature
From -25 °C to +35 °C

DE

Montage
Einbauleuchte
PVx/PRx - Sichtbare T-schiene Decke
Lichtquelle
LED
Optisches System
Mikroprismatischer Diffusor (MCD)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Material
Körper: extrudiertes Aluminium + Stahlblech
Diffusor: PMMA
Oberflächenveredelung
Rahmen: weiss RAL 9003 (W03)
Zubehör
Rahmen für Gipskarton -Installation
Lebensdauer
50,000 Stunden/L80/B10 (ta 25°C)
Umgebungstemperatur
Von -25 °C bis +35 °C

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)
Matériels
Corps: aluminium extrudé + tôle d'acier
Diffuseur: PMMA
Finition de surface
Cadre: blanc RAL 9003 (W03)
Accessoires
Cadre pour l'installation de plaques de plâtre
Durée de vie utile
50,000 heures/L80/B10 (ta 25°C)
Température ambiante
De -25 °C à +35 °C

SK

Montáž
Vsadené
PVx/PRx - Kazetový strop
Svetelný zdroj
LED
Optický systém
Mikroprizmatický difúzor (MCD)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Materiál
Teleso: extrudovaný hliník + oceľový plech
Difúzor: PMMA
Povrchová úprava
Rám: biela RAL 9003 (W03)
Príslušenstvo
Rám pre montáž do sadrokartónového stropu
Servisná životnosť
50,000 hodín/L80/B10 (ta 25°C)
Teplota okolia
Od -25 °C do +35 °C

ES

Montaje
Empotradas en el techo
PVx/PRx - Techo T
Fuente lumínica
LED
Sistema óptico
Difusor microprismático (MCD)
Cableado
Equipo de control electronico FIX/DALI (ECG/EDA)
Material
Cuerpo: aluminio extruido + lámina de acero
Difusor: PMMA
Tratamiento de la superficie
Marco: blanco RAL 9003 (W03)
Accesorios
Capítulo para la instalación de placas de yeso
Vida útil
50,000 horas/L80/B10 (ta 25°C)
Temperatura ambiente
Desde -25 °C a +35 °C

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)
Materiali
Corpo: estruso di alluminio + lamina d'acciaio
Diffusore: PMMA
Finitura
Cornice: bianco RAL 9003 (W03)
Durata di vit Accessori
Telaio per l'installazione in cartongesso
50,000 ore/L80/B10 (ta 25°C)
Temperatura d'ambiente
Da -25 °C a +35 °C

RU

Установка
Потолочная встроенная
PVx/PRx - Кассетный потолок
Источник света
LED
Оптическая система
Микропризматический рассеиватель (MCD)
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Материал
Корпус: экструдированный алюминий + листовая сталь
Рассеиватель: полиметилметакрилат
Отделка поверхности
Каркас: белый RAL 9003 (W03)
Аксессуары
Рамка для установки гипсокартона)
Срок службы
50,000 часов/L80/B10 (ta 25°C)
Температура окружающей среды
От -25 °C до +35 °C

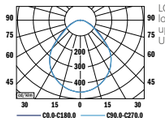
5 YEARS WARRANTY · MAINTENANCE FREE · ECO FRIENDLY · ENERGY SAVING · UV/IR · EEC A++/A+/A

GACRUX XTP
OPAL / MICROPRISMA
LED

Gacrux XTP

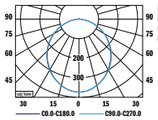
PHOTOMETRY

GACRUX XTP PV1 MCD
3400 lm 4000 K



LOR = 100%
lower flux fraction 100%
upper flux fraction 0%
UGR < 19

GACRUX XTP PV1 OPD
3800 lm 4000 K



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

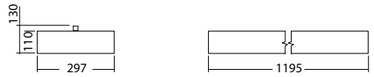
PV1



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)	WEIGHT (kg)
GACRUX PV/PR1 MCD FIX	3100	35	89	80+	3000	95°	8.1
GACRUX PV/PR1 MCD FIX	3300	35	94	80+	4000	95°	8.1
GACRUX PV/PR1 OPD FIX	3400	35	97	80+	3000	105°	8.1
GACRUX PV/PR1 OPD FIX	3800	35	109	80+	4000	105°	8.1
GACRUX PV/PR1 MCD DALI	3100	37	84	80+	3000	95°	8.1
GACRUX PV/PR1 MCD DALI	3300	37	89	80+	4000	95°	8.1
GACRUX PV/PR1 OPD DALI	3400	37	92	80+	3000	105°	8.1
GACRUX PV/PR1 OPD DALI	3800	37	103	80+	4000	105°	8.1
GACRUX PV/PR4 MCD FIX	3100	35	89	80+	3000	95°	9.6
GACRUX PV/PR4 MCD FIX	3300	35	94	80+	4000	95°	9.6
GACRUX PV/PR4 OPD FIX	3400	35	97	80+	3000	105°	9.6
GACRUX PV/PR4 OPD FIX	3700	35	106	80+	4000	105°	9.6
GACRUX PV/PR4 MCD DALI	3100	37	84	80+	3000	95°	9.6
GACRUX PV/PR4 MCD DALI	3300	37	89	80+	4000	95°	9.6
GACRUX PV/PR4 OPD DALI	3400	37	92	80+	3000	105°	9.6
GACRUX PV/PR4 OPD DALI	3700	37	100	80+	4000	105°	9.6

Luminous flux tolerance +/- 10%.

PV1



OPAL



MICROPRISMATIC



220-240V 50-60Hz · LED · CRI 80+ Ra · CCT 3000 K · CCT 4000 K · ECG · EDA DALI · IP54

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)
Service lifetime
50,000 hours/L80/B10 (ta 25°C)
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
Diffuseur: PMMA
Rahmen: Stahlblech
Oberflächenveredelung
Körper: weiss RAL 9003 (W03)
Lebensdauer
50,000 Stunden/L80/B10 (ta 25°C)
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)
Artére externe
Matériels
Corps: tôle d'acier
Diffuseur: PMMA
Cadre: tôle d'acier
Finition de surface
Corps: blanc RAL 9003 (W03)
Durée de vie utile
50,000 heures/L80/B10 (ta 25°C)
Température ambiante
De -20 °C à +35 °C

SK

Montáž
Vsadené
PVx/PRx - Kazetový strop
Svetelný zdroj
LED
Optický systém
Opálový/mikroprizmatický difúzor (OPD/MCD)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Prívodný napájací kábel
Materiál
Teleso: oceľový plech
Difúzor: PMMA
Rám: oceľový plech
Povrchová úprava
Teleso: biela RAL 9003 (W03)
Servisná životnosť
50,000 hodín/L80/B10 (ta 25°C)
Teplota okolia
Od -20 °C do +35 °C

ES

Montaje
Empotradas en el techo
PVx/PRx - Techo T
Fuente lumínica
LED
Sistema óptico
Difusor ópalo/microprismático (OPD/MCD)
Cableado
Equipo de control electronico 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)
Vida útil
50,000 horas/L80/B10 (ta 25°C)
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)
Durata di vita
50,000 ore/L80/B10 (ta 25°C)
Temperatura d'ambiente
Da -20 °C a +35 °C

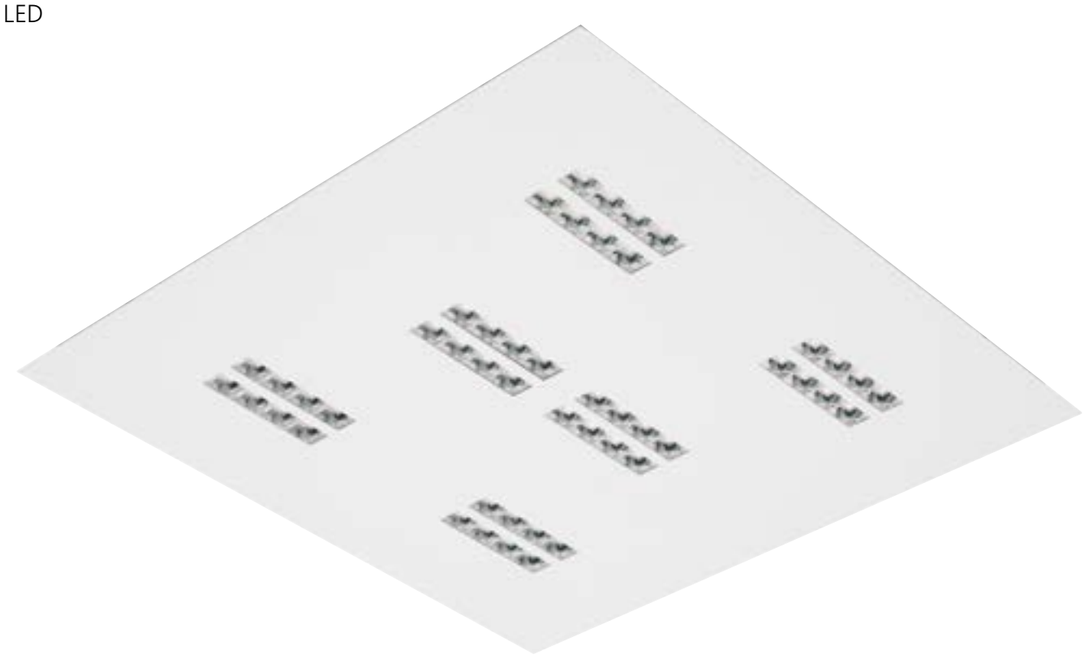
RU

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)
Срок службы
50,000 часов/L80/B10 (ta 25°C)
Температура окружающей среды
От -20 °C до +35 °C

DECLAN RECESSED

MICROPRISMA

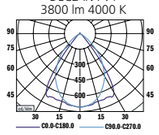
LED



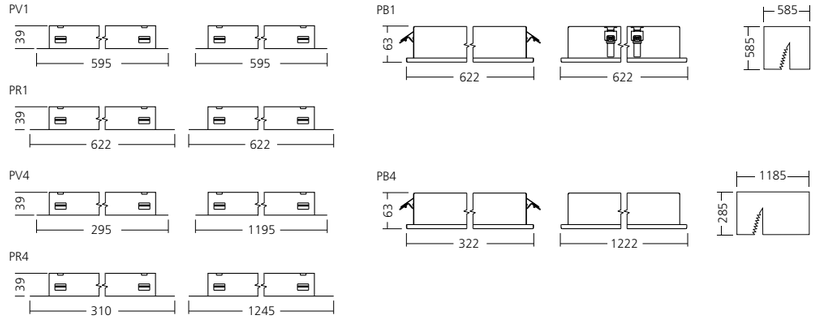
Declan Recessed

PHOTOMETRY

DECLAN PV1
3800 lm 4000 K



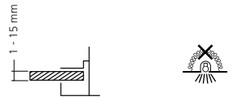
LOR = 100%
lower flux fraction 100%
upper flux fraction 0%
UGR <19



MOUNTING

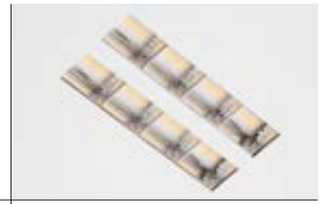
PV (CEILING 600 x 600)

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)
DECLAN PV/PR/PB1	3700	33	112	80+	3000	74°	310	5.9
DECLAN PV/PR/PB1	3800	33	115	80+	4000	74°	330	5.9
DECLAN PV/PR/PB4	3700	33	112	80+	3000	74°	310	5.7
DECLAN PV/PR/PB4	3800	33	115	80+	4000	74°	330	5.7

Luminous flux tolerance +/- 10%.



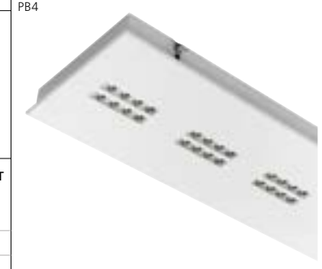
PV4



PV1 EM



PB4



220-240V 50-60Hz | LED | CRI 80+ Ra | CCT 3000 K | CCT 4000 K | ECG | EDA DALI | EMERGENCY | IP20 | IP40

EN

Mounting
Ceiling recessed
PVx/PRx - T-ceiling
PBx - Plasterboard ceiling
Light source
LED
Optical system
Difuser + 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/B10 (ta 25°C)
Ambient temperature
From -20 °C to +40 °C
(from +5°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: mikroprismatisches PMMA
Reflektor: metallisiertes Polykarbonat
Oberflächenveredelung
Körper: Weiss RAL 9003 (W03)
Lebensdauer
50,000 Stunden/L80/B10 (ta 25°C)
Umgebungstemperatur
Von -20 °C bis +40 °C
(von +5°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 métalisé
Finition de surface
Corps: blanc RAL 9003 (W03)
Durée de vie utile
50,000 heures/L80/B10 (ta 25°C)
Température ambiante
De -20 °C à +40 °C
(de +5°C avec l'unité de secours)

SK

Montáž
Vsadené
PVx/PRx - Kazetový strop
PBx - Sádrokartonový strop
Svetelný zdroj
LED
Optický systém
Difúzor + reflektor (MCL)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Varianta s núdzovou jednotkou (3H)
Materiál
Teleso: oceľový plech
Difúzor: mikroprizmatický PMMA
Reflektor: pokovený polykarbonát
Povrchová úprava
Teleso: biela RAL 9003 (W03)
Servisná životnosť
50,000 hodín/L80/B10 (ta 25°C)
Teplota okolia
Od -20 °C do +40 °C
(od +5°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 electronico 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/B10 (ta 25°C)
Temperatura ambiente
Desde -20 °C a +40 °C
(desde +5°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 unitá di emergenza (3H)
Materiali
Corpo: lamina d´acciaio
Diffusore: microprisma PMMA
Riflettore: policarbonato metallizzato
Finitura
Corpo: bianco RAL 9003 (W03)
Durata di vita
50,000 ore/L80/B10 (ta 25°C)
Temperatura d'ambiente
Da -20 °C a +40 °C
(da +5°C con unitá di emergenza)

RU

Установка
Потолочная встроенная
PVx/PRx - Кассетный потолок
PBx - Гипсокартоновый 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: микроприз. полиметилметакрилат
Отражатель: металлизированная поликарбонат
Отделка поверхности
Корпус: белый RAL 9003 (W03)
Срок службы
50,000 часов/L80/B10 (ta 25°C)
Температура окружающей среды
От -20 °C до +40 °C
(от +5°C с аварийного освещения)

NEW

DECLAN III

PAR-L

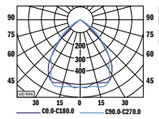
LED



Declan III

PHOTOMETRY

DECLAN III PV1
3500 lm 4000 K



LOR = 100%
lower flux fraction 100%
upper flux fraction 0%
UGR <19





PV1



PR1



ECG



EDA



MOUNTING

PV (CEILING 600 x 600)



PR (CEILING 625 x 625)





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)
DECLAN III ECG	3400	32	106	80+	3000	85°	2.7
DECLAN III ECG	3500	32	109	80+	4000	85°	2.7
DECLAN III EDA	3400	30	113	80+	3000	85°	2.7
DECLAN III EDA	3500	30	117	80+	4000	85°	2.7

Luminous flux tolerance +/- 10%.

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

EN

Mounting
Ceiling recessed
PVx/PRx - T-ceiling
Light source
LED
Optical system
Difuser + reflector (PAR-L)
Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Materials
Housing: sheet steel
Reflector: polished metallished polycarbonate
Surface finish
Housing: white RAL 9003 (W03)
Service lifetime
50,000 hours/L70/B50 (ta 25°C)
Ambient temperature
From -20 °C to +35 °C

DE

Montage
Einbauleuchte
PVx/PRx - Sichtbare T-schiene Decke
Lichtquelle
LED
Optisches System
Diffusor + Reflektor (PAR-L)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Material
Körper: Stahlblech
Reflektor: metallisiertes Polykarbonat
Oberflächenveredelung
Körper: Weiss RAL 9003 (W03)
Lebensdauer
50,000 Stunden/L70/B50 (ta 25°C)
Umgebungstemperatur
Von -20 °C bis +35 °C

FR

Montage
Plafonnier encastrable
PVx/PRx - Un faux plafond
Source lumineuse
LED
Système optique
Diffuseur + réflecteur (PAR-L)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Matériels
Corps: tôle d'acier
Réflecteur: polycarbonate métalisé
Finition de surface
Corps: blanc RAL 9003 (W03)
Durée de vie utile
50,000 heures/L70/B50 (ta 25°C)
Température ambiante
De -20 °C à +35 °C

SK

Montáž
Vsadené
PVx/PRx - Kazetový strop
Svetelný zdroj
LED
Optický systém
Difúzor + reflektor (PAR-L)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Materiál
Teleso: oceľový plech
Reflektor: pokovený polykarbonát
Povrchová úprava
Teleso: biela RAL 9003 (W03)
Servisná životnosť
50,000 hodín/L70/B50 (ta 25°C)
Teplota okolia
Od -20 °C do +35 °C

ES

Montaje
Empotradas en el techo
PVx/PRx - Techo T
Fuente lumínica
LED
Sistema óptico
Difusor + reflector (PAR-L)
Cableado
Equipo de control electronico FIX/DALI (ECG/EDA)
Material
Cuerpo: lámina de acero
Reflector: policarbonato metalizado
Tratamiento de la superficie
Cuerpo: blanco RAL 9003 (W03)
Vida útil
50,000 horas/L70/B50 (ta 25°C)
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 + riflettore (PAR-L)
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Materiali
Corpo: lamina d'acciaio
Riflettore: policarbonato metallizzato
Finitura
Corpo: bianco RAL 9003 (W03)
Durata di vita
50,000 ore/L70/B50 (ta 25°C)
Temperatura d'ambiente
Da -20 °C a +35 °C

RU

Установка
Потолочная встроенная
PVx/PRx - Кассетный потолок
Источник света
LED
Оптическая система
Рассеиватель + отражатель (PAR-L)
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Материал
Корпус: листовая сталь
Отражатель: металлизированная поликарбонат
Отделка поверхности
Корпус: белый RAL 9003 (W03)
Срок службы
50,000 часов/L70/B50 (ta 25°C)
Температура окружающей среды
От -20 °C до +35 °C

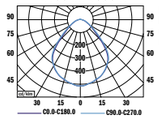
FREYN II RECESSED
MICROPRISMA
LED



Freyn II Recessed

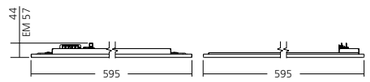
PHOTOMETRY

FREYN II PV1
4100 lm 4000 K

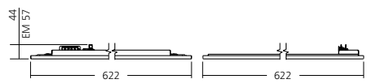


LOR = 100%
lower flux fraction 100%
upper flux fraction 0%
UGR <19

PV1



PR1



PV4



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	3100	24	129	80+	3000	85°, 90°	410	3.0
FREYN II PV/PR1	3250	24	135	80+	4000	85°, 90°	430	3.0
FREYN II PV/PR1	3900	31	126	80+	3000	85°, 90°	410	3.0
FREYN II PV/PR1	4100	31	132	80+	4000	85°, 90°	430	3.0
FREYN II PV4	3100	24	129	80+	3000	85°, 90°	410	3.0
FREYN II PV4	3250	24	135	80+	4000	85°, 90°	430	3.0
FREYN II PV4	3900	31	126	80+	3000	85°, 90°	410	3.0
FREYN II PV4	4100	31	132	80+	4000	85°, 90°	430	3.0

Luminous flux tolerance +/- 10%.

PV1



PV4

FRAME FOR PLASTERBOARD INSTALLATION (PB1)



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
Light source
LED
Optical system
Microprismatic diffuser (MCD)
Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Emergency unit variant (3H, ECG)
Materials
Housing: sheet steel
Diffuser: PMMA
Surface finish
Housing: white RAL 9003 (W03)
Accessories
Frame for plasterboard installation
Service lifetime
50,000 hours/L90/B10 (ta 25°C)
Ambient temperature
From -20 °C to +35 °C
(from +5°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, ECG)
Material
Körper: Stahlblech
Diffusor: PMMA
Oberflächenveredelung
Körper: Weiss RAL 9003 (W03)
Zubehör
Rahmen für Gipskarton -Installation
Lebensdauer
50,000 Stunden/L90/B10 (ta 25°C)
Umgebungstemperatur
Von -20 °C bis +35 °C
(von +5°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, ECG)
Matériels
Corps: tôle d'acier
Diffuseur: PMMA
Finition de surface
Corps: blanc RAL 9003 (W03)
Accessoires
Cadre pour l'installation de plaques de plâtre
Durée de vie utile
50,000 heures/L90/B10 (ta 25°C)
Température ambiante
De -20 °C à +35 °C
(de +5°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, ECG)
Materiál
Teleso: oceľový plech
Difúzor: PMMA
Povrchová úprava
Teleso: biela RAL 9003 (W03)
Príslušenstvo
Rám pre montáž do sadrokartónového stropu
Servisná životnosť
50,000 hodín/L90/B10 (ta 25°C)
Teplota okolia
Od -20 °C do +35 °C
(od +5°C s núdzovou jednotkou)

ES

Montaje
Empotradas en el techo
PVx/PRx - Techo T
Fuente lumínica
LED
Sistema óptico
Difusor microprismático (MCD)
Cableado
Equipo de control electronico FIX/DALI (ECG/EDA)
Variante unidad de emergencia (3H, ECG)
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
Vida útil
50,000 horas/L90/B10 (ta 25°C)
Temperatura ambiente
Desde -20 °C a +35 °C
(desde +5°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 unitá di emergenza (3H, ECG)
Materiali
Corpo: lamina d'acciaio
Diffusore: PMMA
Finitura
Corpo: bianco RAL 9003 (W03)
Accessori
Telaio per l'installazione in cartongesso
Durata di vita
50,000 ore/L90/B10 (ta 25°C)
Temperatura d'ambiente
Da -20 °C a +35 °C
(da +5°C con unitá 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, ECG)
Материал
Корпус: листовая сталь
Рассеиватель: полиметилметакрилат
Отделка поверхности
Корпус: белый RAL 9003 (W03)
Аксессуары
Рамка для установки гипсокартона)
Срок службы
50,000 часов/L90/B10 (ta 25°C)
Температура окружающей среды
От -20 °C до +35 °C
(от +5°C с аварийного освещения)

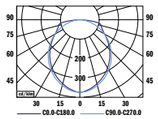
BATEN
OPAL
LED



Baten

PHOTOMETRY

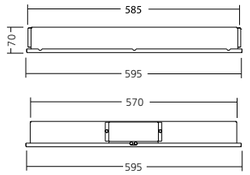
BATEN
3300 lm 4000 K



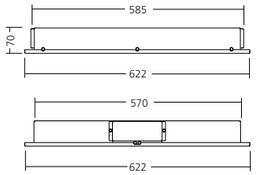
LOR = 100%
lower flux fraction 100%
upper flux fraction 0%
UGR <22



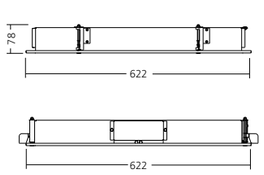
PV1



PR1



PB1



MOUNTING

PV (CEILING 600 x 600)

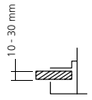


PR (CEILING 625 x 625)



PB

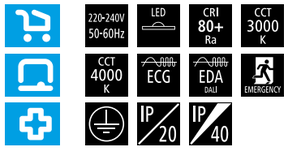






TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE	EMERGENCY UNIT 3H (lm)	WEIGHT (kg)
BATEN	3200	32	100	80+	3000	105°	360	4.7
BATEN	3300	32	103	80+	4000	105°	380	4.7

Luminous flux tolerance +/- 10%.



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: PMMA
Surface finish
Housing: white RAL 9003 (W03)
Service lifetime
50,000 hours/L80/B20 (ta 25°C)
Ambient temperature
From -20 °C to +35 °C
(from +5°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: PMMA
Oberflächenveredelung
Körper: Weiss RAL 9003 (W03)
Lebensdauer
50,000 Stunden/L80/B20 (ta 25°C)
Umgebungstemperatur
Von -20 °C bis +35 °C
(von +5°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
Finition de surface
Corps: blanc RAL 9003 (W03)
Durée de vie utile
50,000 heures/L80/B20 (ta 25°C)
Température ambiante
De -20 °C à +35 °C
(de +5°C avec l'unité de secours)

SK

Montáž
Vsadené
PVx/PRx - Kazetový strop
PBx - Sádrokartonový strop
Svetelný zdroj
LED
Optický systém
Opálový difúzor (OPD)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Varianta s núdzovou jednotkou (3H)
Materiál
Teleso: oceľový plech
Chladič: hliník
Difúzor: PMMA
Povrchová úprava
Teleso: biela RAL 9003 (W03)
Servisná životnosť
50,000 hodín/L80/B20 (ta 25°C)
Teplota okolia
Od -20 °C do +35 °C
(od +5°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 electronico FIX/DALI (ECG/EDA)
Variante unidad de emergencia (3H)
Material
Cuerpo: lámina de acero
Disipador de calor: aluminio
Difusor: PMMA
Tratamiento de la superficie
Cuerpo: blanco RAL 9003 (W03)
Vida útil
50,000 horas/L80/B20 (ta 25°C)
Temperatura ambiente
Desde -20 °C a +35 °C
(desde +5°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 unitá di emergenza (3H)
Materiali
Corpo: lamina d'acciaio
Dissipatore di calore: alluminio
Diffusore: PMMA
Finitura
Corpo: bianco RAL 9003 (W03)
Durata di vita
50,000 ore/L80/B20 (ta 25°C)
Temperatura d'ambiente
Da -20 °C a +35 °C
(da +5°C con unitá di emergenza)

RU

Установка
Потолочная встроенная
PVx/PRx - Кассетный потолок
PBx - Гипсокартоновый 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
Теплоотвод: алюминий
Рассеиватель: полиметилметакрилат
Отделка поверхности
Корпус: белый RAL 9003 (W03)
Срок службы
50,000 часов/L80/B20 (ta 25°C)
Температура окружающей среды
От -20 °C до +35 °C
(от +5°C с аварийного освещения)

5 YEARS WARRANTY · MAINTENANCE FREE · ECO FRIENDLY · ENERGY SAVING · UV/IR · EEC A++/A+/A

RELAX H LED
PAR MAT-V2
LED

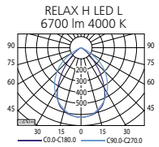


Relax H Led

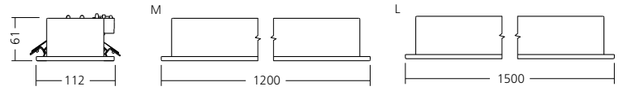
220-240V 50-60Hz | LED | CRI 80+ Ra | CCT 3000 K | CCT 4000 K | ECG | EDA DALI | IP 20

PHOTOMETRY

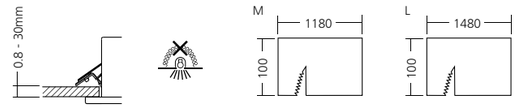
RELAX H LED L
6700 lm 4000 K



LOR = 100%
lower flux fraction 100%
upper flux fraction 0%
UGR <19/<22



MOUNTING

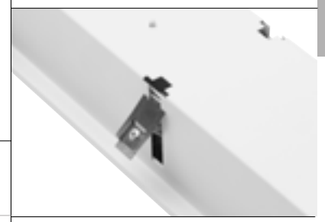


TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE (C0-180, C90-270)	WEIGHT (kg)
RELAX H LED M	2200	21	105	80+	3000	70°, 88°	2.3
RELAX H LED M	2300	21	110	80+	4000	70°, 88°	2.3
RELAX H LED M	5500	49	112	80+	3000	70°, 88°	2.3
RELAX H LED M	5750	49	117	80+	4000	70°, 88°	2.3
RELAX H LED L	4850	42	115	80+	3000	70°, 88°	2.8
RELAX H LED L	5100	42	121	80+	4000	70°, 88°	2.8
RELAX H LED L	6400	56	114	80+	3000	70°, 88°	2.8
RELAX H LED L	6700	56	120	80+	4000	70°, 88°	2.8

Luminous flux tolerance +/- 10%.







EN

Mounting
Ceiling recessed
Light source
LED
Optical system
Matt parabolic louvre PAR MAT-V2 (ML2)
Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Materials
Housing: sheet steel
Diffuser: PMMA
Parabolic louvre: matt anodised aluminium
Surface finish
Housing: white RAL 9003 (W03)
Service lifetime
50,000 hours/L80/B10 (ta 25°C)
Ambient temperature
From -20 °C to +35 °C

DE

Montage
Einbauleuchte
Lichtquelle
LED
Optisches System
Matter parabolischer Raster PAR MAT-V2 (ML2)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Material
Körper: Stahlblech
Diffusor: PMMA
Parabolischer Raster: mattes eloxiertes Aluminium
Oberflächenveredelung
Körper: Weiss RAL 9003 (W03)
Lebensdauer
50,000 Stunden/L80/B10 (ta 25°C)
Umgebungstemperatur
Von -20 °C bis +35 °C

FR

Montage
Plafonnier encastrable
Source lumineuse
LED
Système optique
Grille parabolique mat PAR MAT-V2 (ML2)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Matériels
Corps: tôle d'acier
Diffuseur: PMMA
Grille parabolique: aluminium anodisé mat
Finition de surface
Corps: blanc RAL 9003 (W03)
Durée de vie utile
50,000 heures/L80/B10 (ta 25°C)
Température ambiante
De -20 °C à +35 °C

SK

Montáž
Vsadené
Svetelný zdroj
LED
Optický systém
Matná parabolická mriežka PAR MAT-V2 (ML2)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Materiál
Teleso: oceľový plech
Difúzor: PMMA
Parabolická mriežka: matný anodizovaný hliník
Povrchová úprava
Teleso: biela RAL 9003 (W03)
Servisná životnosť
50,000 hodín/L80/B10 (ta 25°C)
Teplota okolia
Od -20 °C do +35 °C

ES

Montaje
Empotradas en el techo
Fuente luminica
LED
Sistema óptico
Rejilla parabólica mate PAR MAT-V2 (ML2)
Cableado
Equipo de control electronico FIX/DALI (ECG/EDA)
Material
Cuerpo: lámina de acero
Difusor: PMMA
Rejilla parabólica: aluminio anodizado mate
Tratamiento de la superficie
Cuerpo: blanco RAL 9003 (W03)
Vida útil
50,000 horas/L80/B10 (ta 25°C)
Temperatura ambiente
Desde -20 °C a +35 °C

IT

Installazione
Ad incasso a soffitto
Sorgente luminosa
LED
Sistema ottico
Griglia parabolica opaca PAR MAT-V2 (ML2)
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Materiali
Corpo: lamina d'acciaio
Diffusore: PMMA
Griglia parabolica: alluminio anodizzato opaco
Finitura
Corpo: bianco RAL 9003 (W03)
Durata di vita
50,000 ore/L80/B10 (ta 25°C)
Temperatura d'ambiente
Da -20 °C a +35 °C

RU

Установка
Потолочная встроенная
Источник света
LED
Оптическая система
Матовая параболическая решетка PAR MAT-V2 (ML2)
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Материал
Корпус: листовая сталь
Рассеиватель: полиметилметакрилат
Параболическая решетка: матовый анодированный алюминий
Отделка поверхности
Корпус: белый RAL 9003 (W03)
Срок службы
50,000 часов/L80/B10 (ta 25°C)
Температура окружающей среды
От -20 °C до +35 °C

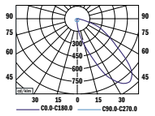
EDAN RECESSED
MATT
LED



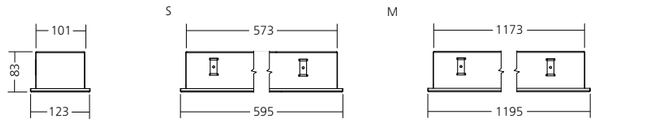
Edan Recessed

PHOTOMETRY

EDAN RECESSED M
3700 lm 3000 K

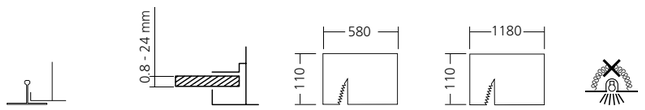


LOR = 100%
lower flux fraction 100%
upper flux fraction 0%



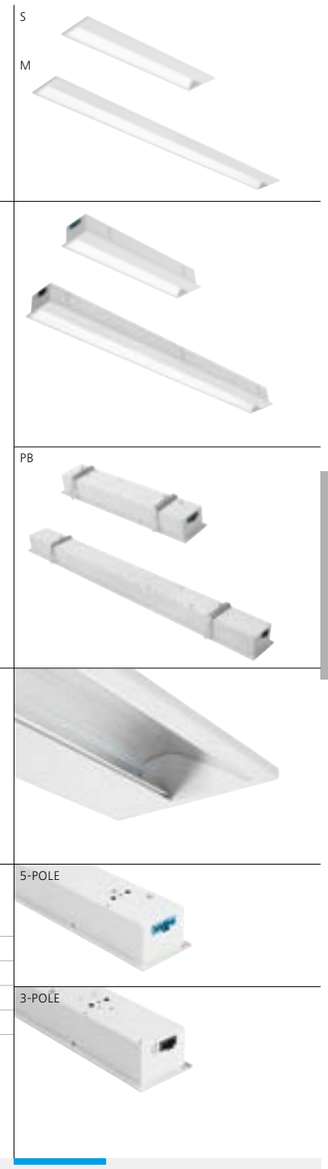
MOUNTING

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	2300	24	96	80+	3000	2.0
EDAN RECESSED S	2400	24	100	80+	4000	2.0
EDAN RECESSED M	3700	37	100	80+	3000	3.5
EDAN RECESSED M	3800	37	103	80+	4000	3.5

Luminous flux tolerance +/- 10%.



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
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/B10 (ta 25°C)
Ambient temperature
From -20 °C to +35 °C

DE

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/B10 (ta 25°C)
Umgebungstemperatur
Von -20 °C bis +35 °C

FR

Montage
Plafonnier encastrable
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
Finition de surface
Corps: blanc RAL 9003 (W03)
Durée de vie utile
50,000 heures/L80/B10 (ta 25°C)
Température ambiante
De -20 °C à +35 °C

SK

Montáž
Vsadené
Svetelný zdroj
LED
Optický systém
Asymetrický matný reflektor (ASM)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Materiál
Teleso: oceľový plech
Reflektor: matný anodizovaný hliník
Povrchová úprava
Teleso: biela RAL 9003 (W03)
Servisná životnosť
50,000 hodín/L80/B10 (ta 25°C)
Teplota okolia
Od -20 °C do +35 °C

ES

Montaje
Empotradas en el techo
Fuente lumínica
LED
Sistema óptico
Reflector asimétrico mate (ASM)
Cableado
Equipo de control electronico 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/B10 (ta 25°C)
Temperatura ambiente
Desde -20 °C a +35 °C

IT

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/B10 (ta 25°C)
Temperatura d'ambiente
Da -20 °C a +35 °C

RU

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/B10 (ta 25°C)
Температура окружающей среды
От -20 °C до +35 °C

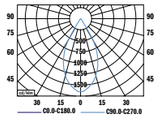
REBELL II
FACET
LED



Rebell II

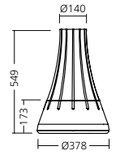
PHOTOMETRY

REBELL II
5300 lm 4000 K



LOR = 100%
lower flux fraction 100%
upper flux fraction 0%
UGR <16





VERSION BASIC 1
black housing
white opal diffuser



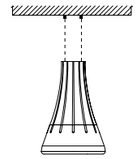
VERSION BASIC 2
grey housing
white opal diffuser



RS-S 44 L150 RD



MOUNTING



VERSION BASIC 3
white housing
white opal diffuser

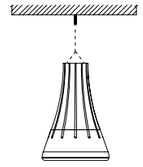


VERSION BASIC 4
white housing
sea-blue diffuser



ROPE SUSPENSION





VERSION EXCLUSIVE 1
shiny white housing
shiny white diffuser
(white inside)



VERSION EXCLUSIVE 2
shiny black housing
shiny black diffuser
(white inside)



CHAIN SUSPENSION



REFLECTOR COVER TRANSPARENT / OPAL



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)
REBELL II	5300	55	96	80+	3000	57°	4.3
REBELL II	5450	55	99	80+	4000	57°	4.3

Luminous flux tolerance +/- 10%

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

EN

Mounting
Suspended (SSD)
Light source
LED
Optical system
Reflector (REF)
Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Materials
Housing: injected polycarbonate
Reflector: anodised aluminium
Ring: injected polycarbonate
Rope suspension
Surface finish
Standard surface finish in versions
BASIC and EXCLUSIVE
Accessories
Chain suspension
Reflector cover
Service lifetime
50,000 hours/L80/B10 (ta 25°C)
Ambient temperature
From -20°C to +35 °C

DE

Montage
Hängend (SSD)
Lichtquelle
LED
Optisches System
Reflektor (REF)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Material
Körper: Spritzguss-Polykarbonat
Reflektor: eloxiertes Aluminium
Reflektoren: Spritzguss-Polykarbonat
Seilaufhängung
Oberflächenveredelung
Standard-Oberflächen in den Versionen
BASIC und EXCLUSIVE
Zubehör
Kettenaufhängung
Reflektorabdeckung
Lebensdauer
50,000 Stunden/L80/B10 (ta 25°C)
Umgebungstemperatur
Von -20 °C bis +35 °C

FR

Montage
Suspendu (SSD)
Source lumineuse
LED
Système optique
Réflecteur (REF)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Matériels
Corps: polycarbonate injecté
Réflecteur: aluminium anodisé
Anneau: polycarbonate injecté
Câble de suspension
Finition de surface
inition de surface standard en versions
BASIQUE et EXCLUSIVE
Accessoires
Suspension de chaîne
Protection du réflecteur
Durée de vie utile
50,000 heures/L80/B10 (ta 25°C)
Température ambiante
De -20 °C à +35 °C

SK

Montáž
Závesné (SSD)
Svetelný zdroj
LED
Optický systém
Reflektor (REF)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Materiál
Teleso: vstrekovaný polykarbonát
Reflektor: anodizovaný hliník
Obruč: vstrekovaný polykarbonát
Lankový záves
Povrchová úprava
Štandardná povrchová úprava vo verziách
BASIC a EXCLUSIVE
Príslušenstvo
Reťazový záves
Kryt reflektora
Servisná životnosť
50,000 hodín/L80/B10 (ta 25°C)
Teplota okolia
Od -20 °C do +35 °C

ES

Montaje
Suspendidas (SSD)
Fuente lumínica
LED
Sistema óptico
Reflector (REF)
Cableado
Equipo de control electronico FIX/DALI (ECG/EDA)
Material
Cuerpo: policarbonato inyectado
Reflector: aluminio anodizado
Anillo: policarbonato inyectado
Cable de suspensión
Tratamiento de la superficie
Terminación de superficie estándar en versiones
BASIC y EXCLUSIVE
Accesorios
Cadena de suspensión
Cubierta del reflector
Vida útil
50,000 horas/L80/B10 (ta 25°C)
Temperatura ambiente
Desde -20 °C a +35 °C

IT

Installazione
A sospensione (SSD)
Sorgente luminosa
LED
Sistema ottico
Riflettore (REF)
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Materiali
Corpo: policarbonato a iniezione
Riflettore: alluminio anodizzato
Anello: policarbonato a iniezione
Cavo di sospensione
Finitura
Finitura standard nelle versioni BASIC
e EXCLUSIVE
Accessori
Catena di sospensione
Copertura del riflettore
Durata di vita
50,000 ore/L80/B10 (ta 25°C)
Temperatura d'ambiente
Da -20 °C a +35 °C

RU

Установка
Подвесная (SSD)
Источник света
LED
Оптическая система
Отражатель (REF))
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Материал
Корпус: инжектированный поликарбонат
Отражатель: анодированный алюминий
Кольцо: инжектированный поликарбонат
Тросовый подвес
Отделка поверхности
Стандартная отделка поверхности в вариантах
BASIC и EXCLUSIVE
Аксессуары
Цепной подвес
Крышка отражателя
Срок службы
50,000 часов/L80/B10 (ta 25°C)
Температура окружающей среды
От -20 °C до +35 °C

5 YEARS WARRANTY · MAINTENANCE FREE · ECO FRIENDLY · ENERGY SAVING · UV/IR · EEC A++/A+/A

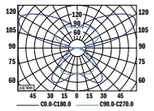
DUELIS II
MICROPRISMA
LED



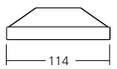
Duelis II

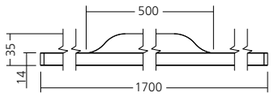
PHOTOMETRY

DUELIS II
5450 lm 4000 K



LOR = 100%
lower flux fraction 35%
upper flux fraction 65%
UGR <19



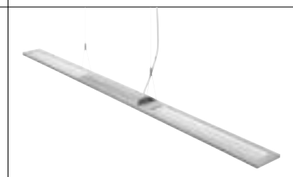


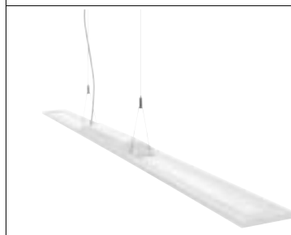
MOUNTING



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)
DUELIS II	5300	65	82	80+	3000	105°	3.5
DUELIS II	5450	65	84	80+	4000	105°	3.5

Luminous flux tolerance +/- 10%.





220-240V 50-60Hz | LED | CRI 80+ Ra | CCT 3000 K | CCT 4000 K | ECG | EDA DALI | IP40

EN

Mounting
Suspended (SSD)
Light source
LED
Optical system
Microprismatic diffuser (MCD)
Wiring
Electronic control gear FIX/DALI (ECG/EDA)
External lead-in flexible cable
Materials
Housing: aluminium
Diffuser: PMMA
Rope suspension
Service finish
Housing: white RAL 9003 (W03)
Service lifetime
50,000 hours/L80/B10 (at 25°C)
Ambient temperature
From -20 °C to +35 °C

DE

Montage
Hängend (SSD)
Lichtquelle
LED
Optisches System
Mikroprismatischer Diffusor (MCD)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Externes Anschlusskabel
Material
Körper: Aluminium
Diffusor: PMMA
Seilaufhängung
Oberflächenveredelung
Körper: weiss RAL 9003 (W03)
Lebensdauer
50,000 Stunden/L80/B10 (at 25°C)
Umgebungstemperatur
Von -20 °C bis +35 °C

FR

Montage
Suspendu (SSD)
Source lumineuse
LED
Système optique
Microprismatique (MCD)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Artère externe
Matériels
Corps: Aluminium
Diffuseur: PMMA
Câble de suspension
Finition de surface
Corps: blanc RAL 9003 (W03)
Durée de vie utile
50,000 heures/L80/B10 (at 25°C)
Température ambiante
De -20 °C à +35 °C

SK

Montáž
Závesné (SSD)
Svetelný zdroj
LED
Optický systém
Mikroprizmatický difúzor (MCD)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Prívodný napájací kábel
Materials
Teleso: hliník
Difúzor: PMMA
Lankový záves
Povrchová úprava
Teleso: biela RAL 9003 (W03)
Servisná životnosť
50,000 hodín/L80/B10 (at 25°C)
Teplota okolia
Od -20 °C do +35 °C

ES

Montaje
Suspendidas (SSD)
Fuente lumínica
LED
Sistema óptico
Microprismático (MCD)
Cableado
Equipo de control electronico FIX/DALI (ECG/EDA)
Cable alimentador externo
Material
Cuerpo: Aluminio
Difusor: PMMA
Cable de suspensión
Tratamiento de la superficie
Cuerpo: blanco RAL 9003 (W03)
Vida útil
50,000 horas/L80/B10 (at 25°C)
Temperatura ambiente
Desde -20 °C a +35 °C

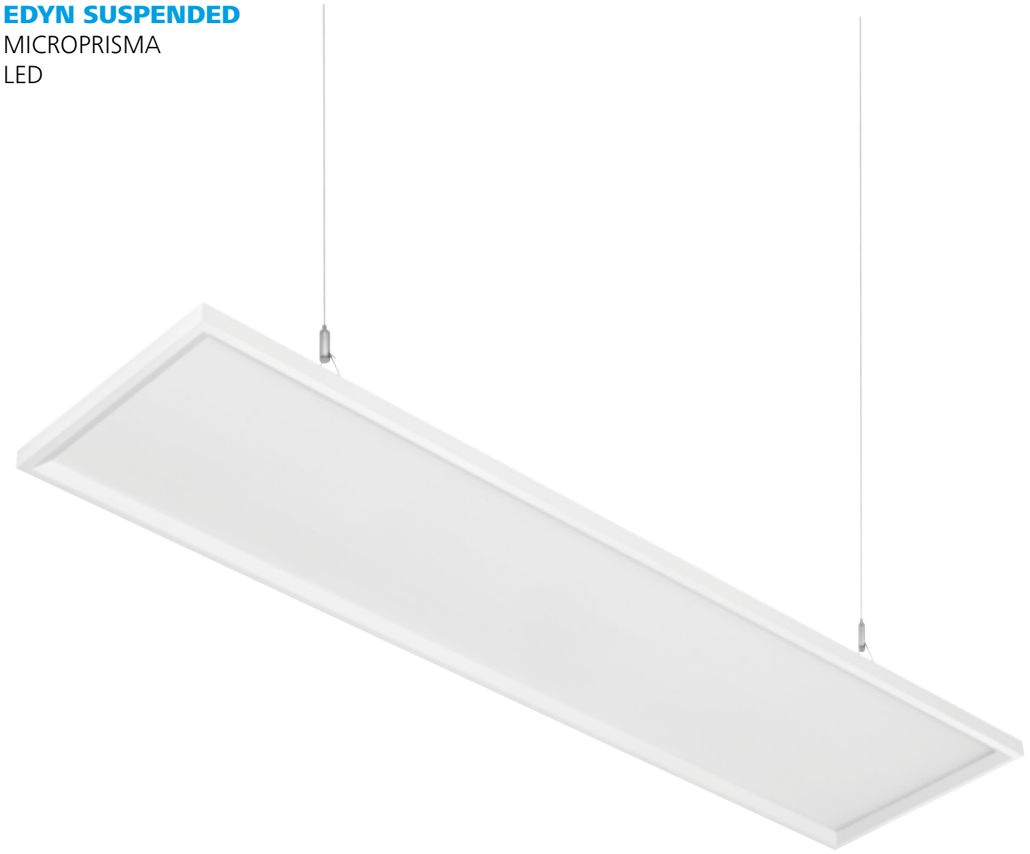
IT

Installazione
A sospensione (SSD)
Sorgente luminosa
LED
Sistema ottico
Microprismatico (MCD)
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Cavetto di alimentazione esterno
Materiali
Corpo: alluminio
Diffusore: PMMA
Cavo di sospensione
Finitura
Corpo: bianco RAL 9003 (W03)
Durata di vita
50,000 ore/L80/B10 (at 25°C)
Temperatura d'ambiente
Da -20 °C a +35 °C

RU

Установка
Подвесная (SSD)
Источник света
LED
Оптическая система
Микропризматический рассеиватель (MCD)
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Внешний свинца в гибком кабеле
Материал
Корпус: алюминий
Рассеиватель: полиметилметакрилат
Тросовый подвес
Отделка поверхности
Корпус: Белый RAL 9003 (W03)
Срок службы
50,000 часов/L80/B10 (at 25°C)
Температура окружающей среды
От -20 °C до +35 °C

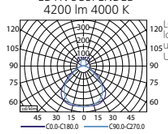
EDYN SUSPENDED
MICROPRISMA
LED



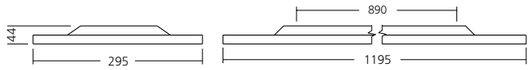
Edyn Suspended

PHOTOMETRY

EDYN SUSPENDED
4200 lm 4000 K



LOR = 100%
lower flux fraction 79%
upper flux fraction 21%
UGR <19





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)
EDYN SUSPENDED	4100	32	128	80+	3000	103°	7.4
EDYN SUSPENDED	4200	32	131	80+	4000	103°	7.4
EDYN SUSPENDED	5150	40	129	80+	3000	103°	7.4
EDYN SUSPENDED	5300	40	133	80+	4000	103°	7.4
EDYN SUSPENDED	6800	54	126	80+	3000	103°	7.4
EDYN SUSPENDED	7000	54	130	80+	4000	103°	7.4

Luminous flux tolerance +/- 10%.

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

EN

Mounting
Suspended (SSD)
Light source
LED
Optical system
Microprismatic diffuser (MCD)
Wiring
Electronic control gear FIX/DALI (ECG/EDA)
External lead-in flexible cable
Materials
Housing: extruded aluminium + sheet steel
Diffuser: PMMA
Rope suspension
Surface finish
Housing: white RAL 9003 (W03)
Service lifetime
50,000 hours/L90/B20 (ta 25°C)
Ambient temperature
From -25 °C to +35 °C

DE

Montage
Hängend (SSD)
Lichtquelle
LED
Optisches System
Mikroprismatischer Diffusor (MCD)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Externes Anschlusskabel
Material
Körper: extrudiertes Aluminium + Stahlblech
Diffusor: PMMA
Seilaufhängung
Oberflächenveredelung
Körper: Weiss RAL 9003 (W03)
Lebensdauer
50,000 Stunden/L90/B20 (ta 25°C)
Umgebungstemperatur
Von -25 °C bis +35 °C

FR

Montage
Plafonnier Suspendu (SSD)
Source lumineuse
LED
Système optique
Microprismatique (MCD)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Artére externe
Matériels
Corps: aluminium extrudé + tôle d'acier
Diffuseur: PMMA
Câble de suspension
Finition de surface
Corps: blanc RAL 9003 (W03)
Durée de vie utile
50,000 heures/L90/B20 (ta 25°C)
Température ambiante
De -25 °C à +35 °C

SK

Montáž
Závesné (SSD)
Svetelný zdroj
LED
Optický systém
Mikroprizmatický difúzor (MCD)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Prívodný napájací kábel
Materiál
Teleso: extrudovaný hliník + oceľový plech
Difúzor: PMMA
Lankový záves
Povrchová úprava
Teleso: biela RAL 9003 (W03)
Servisná životnosť
50,000 hodín/L90/B20 (ta 25°C)
Teplota okolia
Od -25 °C do +35 °C

ES

Montaje
Suspendidas (SSD)
Fuente lumínica
LED
Sistema óptico
Microprismático (MCD)
Cableado
Equipo de control electronico FIX/DALI (ECG/EDA)
Cable alimentador externo
Materiali
Cuerpo: aluminio extruido + lámina de acero
Difusor: PMMA
Cable de suspensión
Tratamiento de la superficie
Cuerpo: blanco RAL 9003 (W03)
Vida útil
50,000 horas/L90/B20 (ta 25°C)
Temperatura ambiente
Desde -25 °C a +35 °C

IT

Installazione
A sospensione (SSD)
Sorgente luminosa
LED
Sistema ottico
Microprismatico (MCD)
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Cavetto di alimentazione esterno
Materiali
Corpo: estruso di alluminio+ lamina d'acciaio
Diffusore: PMMA
Cavo di sospensione
Finitura
Corpo: bianco RAL 9003 (W03)
Durata di vita
50,000 ore/L90/B20 (ta 25°C)
Temperatura d'ambiente
Da -25 °C a +35 °C

RU

Установка
Подвесная (SSD)
Источник света
LED
Оптическая система
Микропризматический рассеиватель (MCD)
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Внешний свинца в гибком кабеле
Материал
Корпус: экструдированный алюминий + листовая сталь
Рассеиватель: полиметилметакрилат
Тросовый подвес
Отделка поверхности
Корпус: белый RAL 9003 (W03)
Срок службы
50,000 часов/L90/B20 (ta 25°C)
Температура окружающей среды
От -25 °C до +35 °C

5 YEARS WARRANTY · MAINTENANCE FREE · ECO FRIENDLY · ENERGY SAVING · UV/IR · EEC A++/A+/A

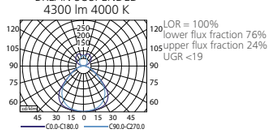
BREAN SUSPENDED
MICROPRISMA
LED



Brean Suspended

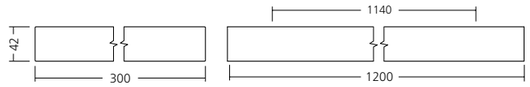
PHOTOMETRY

BREAN SUSPENDED
4300 lm 4000 K



LOR = 100%
lower flux fraction 76%
upper flux fraction 24%
UGR <19





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)
BREAN SUSPENDED	4200	32	131	80+	3000	102°	550	9.2
BREAN SUSPENDED	4300	32	134	80+	4000	102°	650	9.2
BREAN SUSPENDED	5050	37	136	80+	3000	102°	550	9.2
BREAN SUSPENDED	5200	37	141	80+	4000	102°	650	9.2
BREAN SUSPENDED	6850	50	137	80+	3000	102°	550	9.2
BREAN SUSPENDED	7000	50	140	80+	4000	102°	650	9.2

Luminous flux tolerance +/- 10%.

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

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: extruded aluminium + die-cast aluminium + sheet steel
Diffuser: PMMA
Rope suspension
Surface finish
Housing: white RAL 9003 (W03)
Service lifetime
50,000 hours/L90/B10 (ta 25°C)
Ambient temperature
From -20 °C to +35 °C
(from +5°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: extrudiertes Aluminium + Aluminiumdruckguss + Stahlblech
Diffusor: PMMA
Seilaufhängung
Oberflächenveredelung
Körper: Weiss RAL 9003 (W03)
Lebensdauer
50,000 Stunden/L90/B10 (ta 25°C)
Umgebungstemperatur
Von -20 °C bis +35 °C
(von +5°C mit Notbeleuchtung)

FR

Montage
Plafonnier Suspendu (SSD)
Source lumineuse
LED
Système optique
Microprismatique (MCD)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Variante de l'unité de secours (3H)
Artére externe
Matériels
Corps: aluminium extrudé + aluminium moulé sous pression + tôle d'acier
Diffuseur: PMMA
Câble de suspension
Finition de surface
Corps: blanc RAL 9003 (W03)
Durée de vie utile
50,000 heures/L90/B10 (ta 25°C)
Température ambiante
De -20 °C à +35 °C
(de +5°C avec l'unité de secours)

SK

Montáž
Závesné (SSD)
Svetelný zdroj
LED
Optický systém
Mikroprizmatický difúzor (MCD)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Varianta s núdzovou jednotkou (3H)
Prívodný napájací kábel
Materiál
Teleso: extrudovaný hliník + hliníkový odliatok + oceľový plech
Difúzor: PMMA
Lankový záves
Povrchová úprava
Teleso: biela RAL 9003 (W03)
Servisná životnosť
50,000 hodín/L90/B10 (ta 25°C)
Teplota okolia
Od -20 °C do +35 °C
(od +5°C s núdzovou jednotkou)

ES

Montaje
Suspendidas (SSD)
Fuente lumínica
LED
Sistema óptico
Microprismático (MCD)
Cableado
Equipo de control electronico FIX/DALI (ECG/EDA)
Variante unidad de emergencia (3H)
Cable alimentador externo
Material
Cuerpo: aluminio extruido + aluminio troquelado + lámina de acero
Difusor: PMMA
Cable de suspensión
Tratamiento de la superficie
Cuerpo: blanco RAL 9003 (W03)
Vida útil
50,000 horas/L90/B10 (ta 25°C)
Temperatura ambiente
Desde -20 °C a +35 °C
(desde +5°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: alluminio estruso + pressofusione di alluminio + lamina d'acciaio
Diffusore: PMMA
Cavo di sospensione
Finitura
Corpo: bianco RAL 9003 (W03)
Durata di vita
50,000 ore/L90/B10 (ta 25°C)
Temperatura d'ambiente
Da -20 °C a +35 °C
(da +5°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: экструдированный алюминий + литой алюминий + листовая сталь
Рассеиватель: полиметилметакрилат
Тросовый подвес
Отделка поверхности
Корпус: белый RAL 9003 (W03)
Срок службы
50,000 часов/L90/B10 (ta 25°C)
Температура окружающей среды
От -20 °C до +35 °C
(от +5°C с аварийного освещения)

NEW

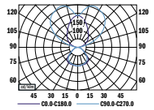
BREAN FREESTANDING
MICROPRISMA
LED



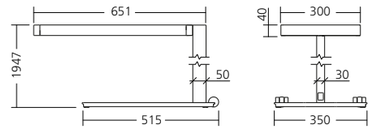
Brean Freestanding

PHOTOMETRY

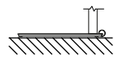
BREAN FREESTANDING
10,200 lm 4000 K



LOR = 100%
lower flux fraction 30%
upper flux fraction 70%
UGR <19

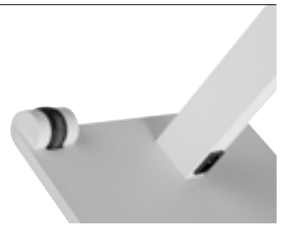


MOUNTING









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)
BREAN FREESTANDING	6350	51	125	80+	3000	104°	12.5
BREAN FREESTANDING	6650	51	130	80+	4000	104°	12.5
BREAN FREESTANDING	9700	85	114	80+	3000	104°	12.5
BREAN FREESTANDING	10,200	85	120	80+	4000	104°	12.5

Luminous flux tolerance +/- 10%.



EN

Mounting
Freestanding
Light source
LED
Optical system
Microprismatic diffuser (MCD)
Wiring
Electronic control gear with movement + daylight sensor/TOUCH DIM (ECG/ETD)
Materials
Housing: die-cast aluminium + sheet steel
Diffuser: PMMA
Surface finish
Housing: white RAL 9003 (W03)
Accessories
External lead-in flexible cable
Service lifetime
50,000 hours/L80/B20 (at 25°C) - 85W
50,000 hours/L80/B10 (at 25°C) - 51W
Ambient temperature
From -20°C to +35 °C

DE

Montage
Freistehend
Lichtquelle
LED
Optisches System
Mikroprismatischer Diffusor (MCD)
Vorschaltgerät
Elektronisches Vorschaltgerät mit Bewegungsmelder + Tageslichtsensor/TOUCH DIM (ECG/ETD)
Material
Körper: Aluminiumdruckguss + Stahlblech
Diffusor: PMMA
Oberflächenveredelung
Körper: weiss RAL 9003 (W03)
Zubehör
Externes Anschlusskabel
Lebensdauer
50,000 Stunden/L80/B20 (at 25°C) - 85W
50,000 Stunden/L80/B10 (at 25°C) - 51W
Umgebungstemperatur
Von -20 °C bis +35 °C

FR

Montage
Autonome
Source lumineuse
LED
Système optique
Diffuseur microprisme (MCD)
Équipement électrique
Ballast électronique avec capteur de mouvement + capteur de lumière du jour/TOUCH DIM (ECG/ETD)
Matériels
Corps: aluminium moulé sous pression + tôle d'acier
Diffuseur: PMMA
Finition de surface
Corps: blanc RAL 9003 (W03)
Accessoires
Artére externe
Durée de vie utile
50,000 heures/L80/B20 (at 25°C) - 85W
50,000 heures/L80/B10 (at 25°C) - 51W
Température ambiante
De -20 °C à +35 °C

SK

Montáž
Voľne stojace
Svetelný zdroj
LED
Optický systém
Mikroprizmatický difúzor (MCD)
Elektrická výbava
Elektronický predradník so senzorom pohybu + denného osvetlenia/TOUCH DIM (ECG/ETD)
Materiál
Teleso: hliníkový odliatok + oceľový plech
Difúzor: PMMA
Povrchová úprava
Teleso: biela RAL 9003 (W03)
Príslušenstvo
Prívodný napájací kábel
Servisná životnosť
50,000 hodín/L80/B20 (at 25°C) - 85W
50,000 hodín/L80/B10 (at 25°C) - 51W
Teplota okolia
Od -20 °C do +35 °C

ES

Montaje
Independiente
Fuente lumínica
LED
Sistema óptico
Difusor microprismático (MCD)
Cableado
Equipo de control electronico con sensor de movimiento + de luz día/TOUCH DIM (ECG/ETD)
Material
Cuerpo: aluminio moldeado + lámina de acero
Difusor: PMMA
Tratamiento de la superficie
Cuerpo: blanco RAL 9003 (W03)
Accesorios
Cable alimentador externo
Vida útil
50,000 horas/L80/B20 (at 25°C) - 85W
50,000 horas/L80/B10 (at 25°C) - 51W
Temperatura ambiente
Desde -20 °C a +35 °C

IT

Installazione
Da pavimento
Sorgente luminosa
LED
Sistema ottico
Diffusore microprismatico (MCD)
Cablaggio
Ballast elettronico con sensore di movimento + di luce diurna/TOUCH DIM (ECG/ETD)
Materiali
Corpo: pressofusione di alluminio + lamina d'acciaio
Diffusore: PMMA
Finitura
Corpo: bianco RAL 9003 (W03)
Accessori
Cavetto di alimentazione esterno
Durata di vita
50,000 ore/L80/B20 (at 25°C) - 85W
50,000 ore/L80/B10 (at 25°C) - 51W
Temperatura d'ambiente
Da -20 °C a +35 °C

RU

Установка
Напольный светильник
Источник света
LED
Оптическая система
Микропризматический рассеиватель (MCD)
Электрическое оснащение
Электронный аппарат с датчик движения + света/ TOUCH DIM (ECG/ETD)
Материал
Корпус: литой алюминий + листовая сталь
Рассеиватель: полиметилметакрилат
Отделка поверхности
Корпус: белый RAL 9003 (W03)
Аксессуары
Внешний свинца в гибком кабеле
Срок службы
50,000 часов/L80/B20 (at 25°C) - 85W
50,000 часов/L80/B10 (at 25°C) - 51W
Температура окружающей среды
От -20 °C до +35 °C

LAMBDA LED DIF SURFACED

MICROPRISMA

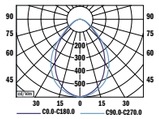
LED



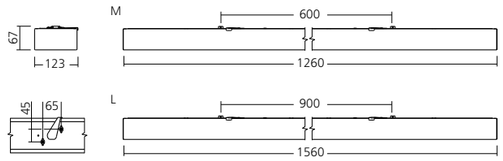
Lambda LED Dif Surfaced

PHOTOMETRY

LAMBDA LED DIF SFD L
4700 lm 4000 K



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



MOUNTING





WITH EMERGENCY



TYPE	NET LUMEN OUTPUT (at Ta = 25 °C)	POWER CONSUMPTION	SYSTEM EFFICACY	COLOR RENDERING INDEX	CORRELATED COLOR TEMPERATURE	BEAM ANGLE	EMERGENCY UNIT	WEIGHT
	(lm)	(W)	(lm/W)	CRI (Ra)	CCT (K)	(C0-180, C90-270)	(lm)	(kg)
LAMBDA LED DIF SFD M	4600	48	96	80+	3000	74°, 83°	100	4.9
LAMBDA LED DIF SFD M	4800	48	100	80+	4000	74°, 83°	100	4.9
LAMBDA LED DIF SFD L	4500	44	102	80+	3000	74°, 83°	100	5.9
LAMBDA LED DIF SFD L	4700	44	107	80+	4000	74°, 83°	100	5.9

Luminous flux tolerance +/- 10%

220-240V 50-60Hz · LED · CRI 80+ Ra · CCT 3000 K · CCT 4000 K · ECG · EDA DALI · EMERGENCY · IP20

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, ECG)
Materials
Housing: sheet steel
Diffuser: PMMA
Surface finish
Housing: white RAL 9003 (W03)
Service lifetime
100,000 hours/L90/B20 (ta 25°C)
50,000 hours/L90/B10 (ta 25°C) - EM
Ambient temperature
From -20 °C to +35 °C
(from +5°C to +30°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, ECG)
Material
Körper: Stahlblech
Diffusor: PMMA
Oberflächenveredelung
Körper: weiss RAL 9003 (W03)
Lebensdauer
100,000 Stunden/L90/B20 (ta 25°C)
50,000 Stunden/L90/B10 (ta 25°C) - EM
Umgebungstemperatur
Von -20 °C bis +35 °C
(von +5°C bis +30 °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, ECG)
Matériels
Corps: tôle d'acier
Diffuseur: PMMA
Finition de surface
Corps: blanc RAL 9003 (W03)
Durée de vie utile
100,000 heures/L90/B20 (ta 25°C)
50,000 heures/L90/B10 (ta 25°C) - EM
Température ambiante
De -20 °C à +35 °C
(de +5°C à +30 °C avec l'unité de secours)

SK

Montáž
Prisadené (SFD)
Svetelný zdroj
LED
Optický systém
Mikroprizmatický difúzor (MCD)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Varianta s núdzovou jednotkou (3H, ECG)
Materiál
Teleso: oceľový plech
Difúzor: PMMA
Povrchová úprava
Teleso: biela RAL 9003 (W03)
Servisná životnosť
100,000 hodín/L90/B20 (ta 25°C)
50,000 hodín/L90/B10 (ta 25°C) - EM
Teplota okolia
Od -20 °C do +35 °C
(od +5°C do +30 °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, ECG)
Material
Cuerpo: lámina de acero
Difusor: PMMA
Tratamiento de la superficie
Cuerpo: blanco RAL 9003 (W03)
Vida útil
100,000 horas/L90/B20 (ta 25°C)
50,000 horas/L90/B10 (ta 25°C) - EM
Temperatura ambiente
Desde -20 °C a +35 °C
(desde +5°C a +30 °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 unitá di emergenza (3H, ECG)
Materiali
Corpo: lamina d'acciaio
Diffusore: PMMA
Finitura
Corpo: bianco RAL 9003 (W03)
Durata di vita
100,000 ore/L90/B20 (ta 25°C)
50,000 ore/L90/B10 (ta 25°C) - EM
Temperatura d'ambiente
Da -20 °C a +35 °C
(da +5°C a +30 °C con unitá 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, ECG)
Материал
Корпус: листовая сталь
Рассеиватель: полиметилметакрилат
Отделка поверхности
Корпус: белый RAL 9003 (W03)
Срок службы
100,000 часов/L90/B20 (ta 25°C)
50,000 часов/L90/B10 (ta 25°C) - EM
Температура окружающей среды
От -20°C до +35 °C
(от +5°C до +30 °C с аварийного освещения)

5 YEARS WARRANTY · MAINTENANCE FREE · ECO FRIENDLY · ENERGY SAVING · UV/IR · EEC A++/A+/A

LAMBDA LED DIF SUSPENDED

MICROPRISMA

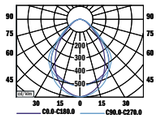
LED



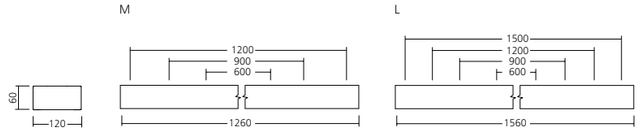
Lambda LED Dif Suspended

PHOTOMETRY

LAMBDA LED DIF SSD L
4700 lm 4000 K



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



MOUNTING



TYPE	NET LUMEN OUTPUT (at Ta = 25 °C)	POWER CONSUMPTION	SYSTEM EFFICACY	COLOR RENDERING INDEX	CORRELATED COLOR TEMPERATURE	BEAM ANGLE	EMERGENCY UNIT	WEIGHT
	(lm)	(W)	(lm/W)	CRI (Ra)	CCT (K)	(C0-180, C90-270)	(lm)	(kg)
LAMBDA LED DIF SSD M	4600	48	96	80+	3000	74°, 83°	100	5.1
LAMBDA LED DIF SSD M	4800	48	100	80+	4000	74°, 83°	100	5.1
LAMBDA LED DIF SSD L	4500	44	102	80+	3000	74°, 83°	100	5.9
LAMBDA LED DIF SSD L	4700	44	107	80+	4000	74°, 83°	100	5.9

Luminous flux tolerance +/- 10%



WITH EMERGENCY



RS-S 58 L150 RD



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

EN

Mounting
Suspended (SSD)
Light source
LED
Optical system
Microprismatic diffuser (MCD)
Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Emergency unit variant (3H, ECG)
External lead-in flexible cable
Materials
Housing: sheet steel
Diffuser: PMMA
Rope suspension
Surface finish
Housing: white RAL 9003 (W03)
Service lifetime
100,000 hours/L90/B20 (ta 25°C)
50,000 hours/L90/B10 (ta 25°C) - EM
Ambient temperature
From -20 °C to +35 °C
(from +5°C to +30°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, ECG)
Externes Anschlusskabel
Material
Körper: Stahlblech
Diffusor: PMMA
Seilaufhängung
Oberflächenveredelung
Körper: weiss RAL 9003 (W03)
Lebensdauer
100,000 Stunden/L90/B20 (ta 25°C)
50,000 Stunden/L90/B10 (ta 25°C) - EM
Umgebungstemperatur
Von -20 °C bis +35 °C
(von +5°C bis +30 °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, ECG)
Artére externe
Matériels
Corps: tôle d'acier
Diffuseur: PMMA
Câble de suspension
Finition de surface
Corps: blanc RAL 9003 (W03)
Durée de vie utile
100,000 heures/L90/B20 (ta 25°C)
50,000 heures/L90/B10 (ta 25°C) - EM
Température ambiante
De -20 °C à +35 °C
(de +5°C à +30 °C avec l'unité de secours)

SK

Montáž
Závesné (SSD)
Svetelný zdroj
LED
Optický systém
Mikroprizmatický difúzor (MCD)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Varianta s núdzovou jednotkou (3H, ECG)
Prívodný napájací kábel
Materiál
Teleso: oceľový plech
Difúzor: PMMA
Lankový záves
Povrchová úprava
Teleso: biela RAL 9003 (W03)
Servisná životnosť
100,000 hodín/L90/B20 (ta 25°C)
50,000 hodín/L90/B10 (ta 25°C) - EM
Teplota okolia
Od -20 °C do +35 °C
(od +5°C do +30 °C s núdzovou jednotkou)

ES

Montaje
Suspendidas (SSD)
Fuente lumínica
LED
Sistema óptico
Microprismático (MCD)
Cableado
Equipo de control electronico FIX/DALI (ECG/EDA)
Variante unidad de emergencia (3H, ECG)
Cable alimentador externo
Material
Cuerpo: lámina de acero
Difusor: PMMA
Cable de suspensión
Tratamiento de la superficie
Cuerpo: blanco RAL 9003 (W03)
Vida útil
100,000 horas/L90/B20 (ta 25°C)
50,000 horas/L90/B10 (ta 25°C) - EM
Temperatura ambiente
Desde -20 °C a +35 °C
(desde +5°C a +30 °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 unitá di emergenza (3H, ECG)
Cavetto di alimentazione esterno
Materiali
Corpo: lamina d'acciaio
Diffusore: PMMA
Cavo di sospensione
Finitura
Corpo: bianco RAL 9003 (W03)
Durata di vita
100,000 ore/L90/B20 (ta 25°C)
50,000 ore/L90/B10 (ta 25°C) - EM
Temperatura d'ambiente
Da -20 °C a +35 °C
(da +5°C a +30 °C con unitá 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, ECG)
Внешний свинца в гибком кабеле
Материал
Корпус: листовая сталь
Рассеиватель: полиметилметакрилат
Тросовый подвес
Отделка поверхности
Корпус: белый RAL 9003 (W03)
Срок службы
100,000 часов/L90/B20 (ta 25°C)
50,000 часов/L90/B10 (ta 25°C) - EM
Температура окружающей среды
От -20 °C до +35 °C
(от +5°C до +30 °C с аварийного освещения)

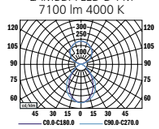
LAMBDA LED D-I
MICROPRISMA
LED



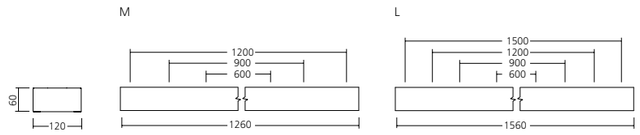
Lambda Led D-I

PHOTOMETRY

LAMBDA LED D-I M
7100 lm 4000 K



LOR = 100%
lower flux fraction 51%
upper flux fraction 49%
UGR <19



MOUNTING



TYPE	NET LUMEN OUTPUT (at Ta = 25 °C)	POWER CONSUMPTION	SYSTEM EFFICACY	COLOR RENDERING INDEX	CORRELATED COLOR TEMPERATURE	BEAM ANGLE	EMERGENCY UNIT	WEIGHT
	(lm)	(W)	(lm/W)	CRI (Ra)	CCT (K)	(C0-180, C90-270)	(lm)	(kg)
LAMBDA LED D-I M	6750	52	130	80+	3000	74°, 83°	100	5.3
LAMBDA LED D-I M	7100	52	137	80+	4000	74°, 83°	110	5.3
LAMBDA LED D-I L	7500	59	127	80+	3000	74°, 83°	100	6.3
LAMBDA LED D-I L	7900	59	134	80+	4000	74°, 83°	110	6.3

Luminous flux tolerance +/- 10%



WITH EMERGENCY



RS-S 58 L150 RD



220-240V 50-60Hz | LED | CRI 80+ Ra | CCT 3000 K | CCT 4000 K | ECG | EDA DALI | EMERGENCY | IP20

EN

Mounting
Suspended (SSD)
Light source
LED
Optical system
Microprismatic diffuser (MCD)
Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Emergency unit variant (3H, ECG)
External lead-in flexible cable
Materials
Housing: sheet steel
Diffuser: PMMA
Rope suspension
Surface finish
Housing: white RAL 9003 (W03)
Service lifetime
100,000 hours/L90/B20 (ta 25°C) - EDA
50,000 hours/L90/B10 (ta 25°C) - ECG
Ambient temperature
From -20°C to +35 °C
(from +5°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, ECG)
Externes Anschlusskabel
Material
Körper: Stahlblech
Diffusor: PMMA
Seilaufhängung
Oberflächenveredelung
Körper: weiss RAL 9003 (W03)
Lebensdauer
100,000 Stunden/L90/B20 (ta 25°C) - EDA
50,000 Stunden/L90/B10 (ta 25°C) - ECG
Umgebungstemperatur
Von -20 °C bis +35 °C
(von +5°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, ECG)
Artère externe
Matériels
Corps: tôle d'acier
Diffuseur: PMMA
Câble de suspension
Finition de surface
Corps: blanc RAL 9003 (W03)
Durée de vie utile
100,000 heures/L90/B20 (ta 25°C) - EDA
50,000 heures/L90/B10 (ta 25°C) - ECG
Température ambiante
De -20 °C à +35 °C
(de +5°C avec l'unité de secours)

SK

Montáž
Závesné (SSD)
Svetelný zdroj
LED
Optický systém
Mikroprizmatický difúzor (MCD)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Varianta s núdzovou jednotkou (3H, ECG)
Prívodný napájací kábel
Materiál
Teleso: oceľový plech
Difúzor: PMMA
Lankový záves
Povrchová úprava
Teleso: biela RAL 9003 (W03)
Servisná životnosť
100,000 hodín/L90/B20 (ta 25°C) - EDA
50,000 hodín/L90/B10 (ta 25°C) - ECG
Teplota okolia
Od -20 °C do +35 °C
(od +5°C s núdzovou jednotkou)

ES

Montaje
Suspendidas (SSD)
Fuente luminica
LED
Sistema óptico
Microprismático (MCD)
Cableado
Equipo de control electronico FIX/DALI (ECG/EDA)
Variante unitád de emergencia (3H, ECG)
Cable alimentador externo
Material
Cuerpo: lámina de acero
Difusor: PMMA
Cable de suspensión
Tratamiento de la superficie
Cuerpo: blanco RAL 9003 (W03)
Vida útil
100,000 horas/L90/B20 (ta 25°C) - EDA
50,000 horas/L90/B10 (ta 25°C) - ECG
Temperatura ambiente
Desde -20 °C a +35 °C
(desde +5°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 unitá di emergenza (3H, ECG)
Cavetto di alimentazione esterno
Materiali
Corpo: lamina d'acciaio
Diffusore: PMMA
Cavo di sospensione
Finitura
Corpo: bianco RAL 9003 (W03)
Durata di vita
100,000 ore/L90/B20 (ta 25°C) - EDA
50,000 ore/L90/B10 (ta 25°C) - ECG
Temperatura d'ambiente
Da -20 °C a +35 °C
(da +5°C con unitá 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, ECG)
Внешний свинца в гибком кабеле
Материал
Корпус: листовая сталь
Рассеиватель: полиметилметакрилат
Тросовый подвес
Отделка поверхности
Корпус: белый RAL 9003 (W03)
Срок службы
100,000 часов/L90/B20 (ta 25°C) - EDA
50,000 часов/L90/B10 (ta 25°C) - ECG
Температура окружающей среды
От -20 °C до +35 °C
(от +5°C с аварийного освещения)

LAMBDA LED ASYM

MATT

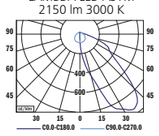
LED



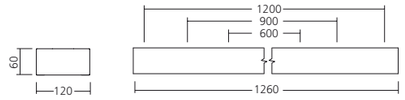
Lambda Led Asym

PHOTOMETRY

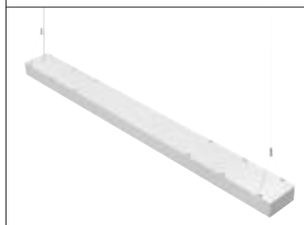
LAMBDA LED ASYM
2150 lm 3000 K



LOR = 100%
lower flux fraction 100%
upper flux fraction 0%







RS-S 58 L150 RD W



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)
LAMBDA LED ASYM	2150	20	108	80+	3000	4.9
LAMBDA LED ASYM	2250	20	113	80+	4000	4.9

Luminous flux tolerance +/- 10%.

220-240V 50-60Hz · LED · CRI 80+ Ra · CCT 3000 K · CCT 4000 K · ECG · EDA DALI · IP20

EN

Mounting
Suspended (SSD)
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
Surface finish
Housing: white RAL 9003 (W03)
Service lifetime
50,000 hours/L90 /B20 (at 25°C)
Ambient temperature
From -20 °C to +35 °C

DE

Montage
Hängend (SSD)
Lichtquelle
LED
Optisches System
Asymmetrisch matter Reflektor **(**ASM**)**
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Material
Körper: Stahlblech
Reflektor: mattes eloxiertes Aluminium
Seilaufhängung
Oberflächenveredelung
Körper: Weiss RAL 9003 (W03)
Lebensdauer
50,000 Stunden/L90 /B20 (ta 25°C)
Umgebungstemperatur
Von -20 °C bis +35 °C

FR

Montage
Suspendu (SSD)
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
Finition de surface
Corps: blanc RAL 9003 (W03)
Durée de vie utile
50,000 heures/L90 /B20 (ta 25°C)
Température ambiante
De -20 °C à +35 °C

SK

Montáž
Závesné (SSD)
Svetelný zdroj
LED
Optický systém
Asymetrický matný reflektor (ASM)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Materiál
Teleso: oceľový plech
Reflektor: matný anodizovaný hliník
Lankový záves
Povrchová úprava
Teleso: biela RAL 9003 (W03)
Servisná životnosť
50,000 hodín/L90 /B20 (ta 25°C)
Teplota okolia
Od -20 °C do +35 °C

ES

Montaje
Suspendidas (SSD)
Fuente lumínica
LED
Sistema óptico
Reflector asimétrico mate (ASM)
Cableado
Equipo de control electronico FIX/DALI (ECG/EDA)
Material
Cuerpo: lámina de acero
Reflector: aluminio anodizado mate
Cable de suspensión
Tratamiento de la superficie
Cuerpo: blanco RAL 9003 (W03)
Vida útil
50,000 horas/L90 /B20 (ta 25°C)
Temperatura ambiente
Desde -20 °C a +35 °C

IT

Installazione
A sospensione (SSD)
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
Finitura
Corpo: bianco RAL 9003 (W03)
Durata di vita
50,000 ore/L90 /B20 (ta 25°C)
Temperatura d'ambiente
Da -20 °C a +35 °C

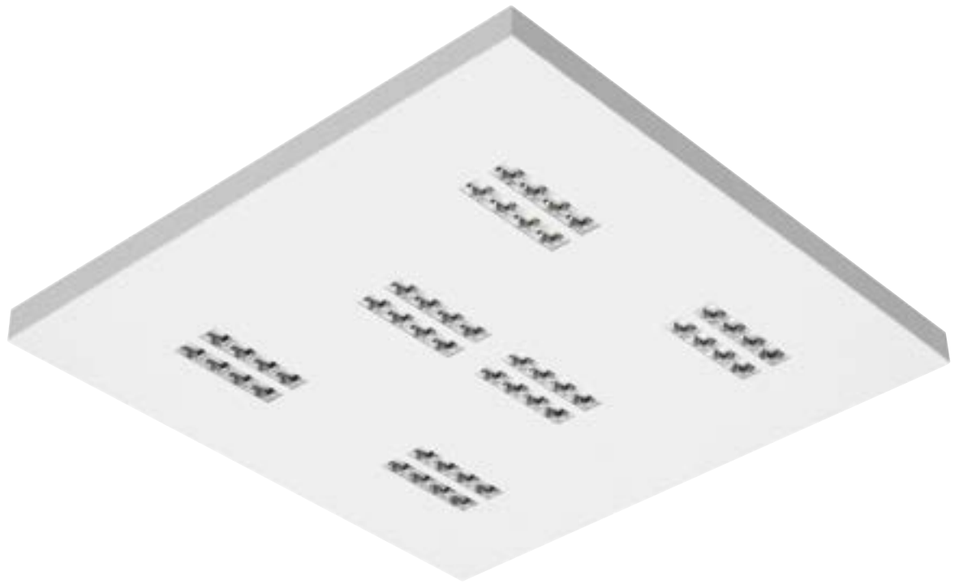
RU

Установка
Подвесная (SSD)
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
Отделка поверхности
Корпус: белый RAL 9003 (W03)
Срок службы
50,000 часов/L90 /B20 (ta 25°C)
Температура окружающей среды
От -20 °C до +35 °C

DECLAN II SURFACED / SUSPENDED

MICROPRISMA

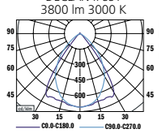
LED



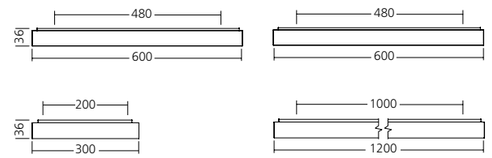
Declan II
Surfaced / Suspended

PHOTOMETRY

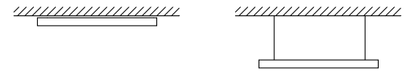
DECLAN II SS1
3800 lm 3000 K



LOR = 100%
lower flux fraction 100%
upper flux fraction 0%
UGR <19



MOUNTING

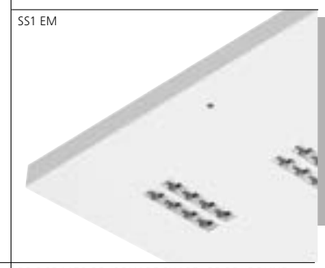




SS4



SS1 EM



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



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	3700	33	112	80+	3000	74°	310	8.2
DECLAN SS1	3800	33	115	80+	4000	74°	330	8.2
DECLAN SS4	3700	33	112	80+	3000	74°	310	8.2
DECLAN SS4	3800	33	115	80+	4000	74°	330	8.2

Luminous flux tolerance +/- 10%.

220-240V 50-60Hz · LED · CRI 80+ Ra · CCT 3000 K · CCT 4000 K · ECG · EDA DALI · EMERGENCY · IP20

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/B10 (ta 25°C)
Ambient temperature
From -20 °C to +40 °C
(from +5°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: mikroprismatisches PMMA
Reflektor: metallisiertes Polykarbonat
Oberflächenveredelung
Körper: Weiss RAL 9003 (W03)
Zubehör
Seilaufhängung
Lebensdauer
50,000 Stunden/L80/B10 (ta 25°C)
Umgebungstemperatur
Von -20 °C bis +40 °C
(von +5°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 métalisé
Finition de surface
Corps: blanc RAL 9003 (W03)
Accessoires
Câble de suspension
Durée de vie utile
50,000 heures/L80/B10 (ta 25°C)
Température ambiante
De -20 °C à +40 °C
(de +5°C avec l'unité de secours)

SK

Montáž
Prisadené/Závesné (SSx)
Svetelný zdroj
LED
Optický systém
Difúzor + reflektor (MCL)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Varianta s núdzovou jednotkou (3H)
Materiál
Teleso: oceľový plech
Difúzor: mikroprizmatický PMMA
Reflektor: pokovený polykarbonát
Povrchová úprava
Teleso: biela RAL 9003 (W03)
Príslušenstvo
Lankový záves
Servisná životnosť
50,000 hodín/L80/B10 (ta 25°C)
Teplota okolia
Od -20 °C do +40 °C
(od +5°C s núdzovou jednotkou)

ES

Montaje
Sobrepuestas en el techo/Suspendidas (SSx)
Fuente lumínica
LED
Sistema óptico
Difusor + reflector (MCL)
Cableado
Equipo de control electronico 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/B10 (ta 25°C)
Temperatura ambiente
Desde -20 °C a +40 °C
(desde +5°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/B10 (ta 25°C)
Temperatura d'ambiente
Da -20 °C a +40 °C
(da +5°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: микроприз. полиметилметакрилат
Отражатель: металлизированная поликарбонат
Отделка поверхности
Корпус: белый RAL 9003 (W03)
Аксессуары
Тросовый подвес
Срок службы
50,000 часов/L80/B10 (ta 25°C)
Температура окружающей среды
От -20 °C до +40 °C
(от +5°C с аварийного освещения)

FREYN II SURFACED / SUSPENDED

MICROPRISMA

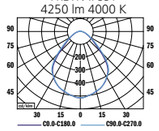
LED



Freyn II
Surfaced / Suspended

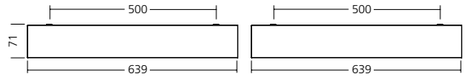
PHOTOMETRY

FREYN II SS1
4250 lm 4000 K

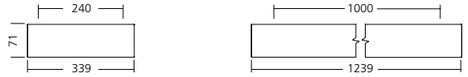


LOR = 100%
lower flux fraction 100%
upper flux fraction 0%
UGR <19

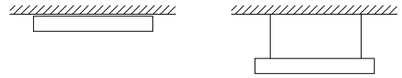
SS1



SS4



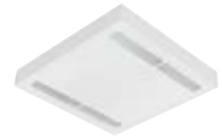
MOUNTING



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)
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%.

SS1



SS4



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



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

EN

Mounting
Surfaced/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/B10 (ta 25°C)
Ambient temperature
From -20 °C to +35 °C
(from +5°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/B10 (ta 25°C)
Umgebungstemperatur
Von -20 °C bis +35 °C
(von +5°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
Diffuseur: PMMA
Finition de surface
Corps: blanc RAL 9003 (W03)
Accessoires
Câble de suspension
Durée de vie utile
50,000 heures/L80/B10 (ta 25°C)
Température ambiante
De -20 °C à +35 °C
(de +5°C avec l'unité de secours)

SK

Montáž
Prisadené/Závesné (SSx)
Svetelný zdroj
LED
Optický systém
Mikroprizmatický difúzor (MCD)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Varianta s núdzovou jednotkou (3H)
Materiál
Teleso: oceľový plech
Difúzor: PMMA
Povrchová úprava
Teleso: biela RAL 9003 (W03)
Príslušenstvo
Lankový záves
Servisná životnosť
50,000 hodín/L80/B10 (ta 25°C)
Teplota okolia
Od -20 °C do +35 °C
(od +5°C s núdzovou jednotkou)

ES

Montaje
Sobrepuestas en el techo/Suspendidas (SSx)
Fuente lumínica
LED
Sistema óptico
Difusor 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)
Accesorios
Cable de suspensión
Vida útil
50,000 horas/L80/B10 (ta 25°C)
Temperatura ambiente
Desde -20 °C a +35 °C
(desde +5°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/B10 (ta 25°C)
Temperatura d'ambiente
Da -20 °C a +35 °C
(da +5°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/B10 (ta 25°C)
Температура окружающей среды
От -20 °C до +35 °C
(от +5°C с аварийного освещения)

RELAX H LINE LED

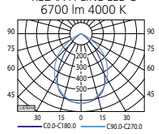
PAR MAT-V2

LED

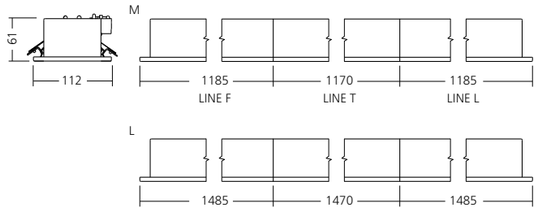


PHOTOMETRY

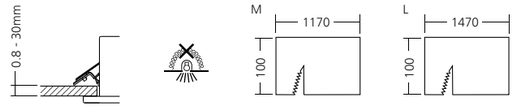
RELAX H LINE LED L
6700 lm 4000 K



LOR = 100%
lower flux fraction 100%
upper flux fraction 0%
UGR <19/<22



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)
RELAX H LINE LED M	2200	21	105	80+	3000	70°, 88°	550	2.4
RELAX H LINE LED M	2300	21	110	80+	4000	70°, 88°	600	2.4
RELAX H LINE LED M	5500	49	112	80+	3000	70°, 88°	550	2.4
RELAX H LINE LED M	5750	49	117	80+	4000	70°, 88°	600	2.4
RELAX H LINE LED L	4850	42	115	80+	3000	70°, 88°	550	3.0
RELAX H LINE LED L	5100	42	121	80+	4000	70°, 88°	600	3.0
RELAX H LINE LED L	6400	56	114	80+	3000	70°, 88°	550	3.0
RELAX H LINE LED L	6700	56	120	80+	4000	70°, 88°	600	3.0

Luminous flux tolerance +/- 10%.

RELAX H LINE LED F



RELAX H LINE LED T



RELAX H LINE LED L



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

EN

Mounting
Ceiling recessed - determined for continuous installation (RCD)
Light source
LED
Optical system
Matt parabolic louvre PAR MAT-V2 (ML2)
Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Through wiring (F, T version)
Emergency unit variant (3H, ECG)
Materials
Housing: sheet steel
Diffuser: PMMA
Parabolic louvre: matt anodised aluminium
Surface finish
Housing: white RAL 9003 (W03)
Service lifetime
50,000 hours/L80/B10 (ta 25°C)
Ambient temperature
From -20 °C to +35 °C
(from +5°C with EM unit)

DE

Montage
Einbauleuchte - mit Erweiterungsmöglichkeit
Lichtquelle (RCD)
Lichtquelle
LED
Optisches System
Matter parabolischer Raster PAR MAT-V2 (ML2)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Durchgangsverdrahtung (F, T Version)
Notbeleuchtung Variante (3H, ECG)
Material
Körper: Stahlblech
Diffusor: PMMA
Parabolischer Raster: mattes eloxiertes Aluminium
Oberflächenveredelung
Körper: Weiss RAL 9003 (W03)
Lebensdauer
50,000 Stunden/L80/B10 (ta 25°C)
Umgebungstemperatur
Von -20 °C bis +35 °C
(von +5°C mit Notbeleuchtung)

FR

Montage
Plafonnier encastrable - conçu pour une installation continue (RCD)
Source lumineuse
LED
Système optique
Grille parabolique mat PAR MAT-V2 (ML2)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Câblage traversant (version F, T)
Variante de l'unité de secours (3H, ECG)
Matériels
Corps: tôle d'acier
Diffuseur: PMMA
Grille parabolique: aluminium anodisé mat
Finition de surface
Corps: blanc RAL 9003 (W03)
Durée de vie utile
50,000 heures/L80/B10 (ta 25°C)
Température ambiante
De -20 °C à +35 °C
(de +5°C avec l'unité de secours)

SK

Montáž
Vsadené - predučená na montáž do línií (RCD)
Svetelný zdroj
LED
Optický systém
Matná parabolická mriežka PAR MAT-V2 (ML2)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Priebežné vinutie (F, T verzia)
Varianta s núdzovou jednotkou (3H, ECG)
Materiál
Teleso: oceľový plech
Difúzor: PMMA
Parabolická mriežka: matný anodizovaný hliník
Povrchová úprava
Teleso: biela RAL 9003 (W03)
Servisná životnosť
50,000 hodín/L80/B10 (ta 25°C)
Teplota okolia
Od -20 °C do +35 °C
(od +5°C s núdzovou jednotkou)

ES

Montaje
Empotradas en el techo - especifico para instalaciones continuas (RCD)
Fuente lumínica
LED
Sistema óptico
Rejilla parabólica mate PAR MAT-V2 (ML2)
Cableado
Equipo de control electronico FIX/DALI (ECG/EDA)
Cáblage traversant (versión F, T)
Variante unidad de emergencia (3H, ECG)
Material
Cuerpo: lámina de acero
Difusor: PMMA
Rejilla parabólica: aluminio anodizado mate
Tratamiento de la superficie
Cuerpo: blanco RAL 9003 (W03)
Vida útil
50,000 horas/L80/B10 (ta 25°C)
Temperatura ambiente
Desde -20 °C a +35 °C
(desde +5°C con unidad de emergencia)

IT

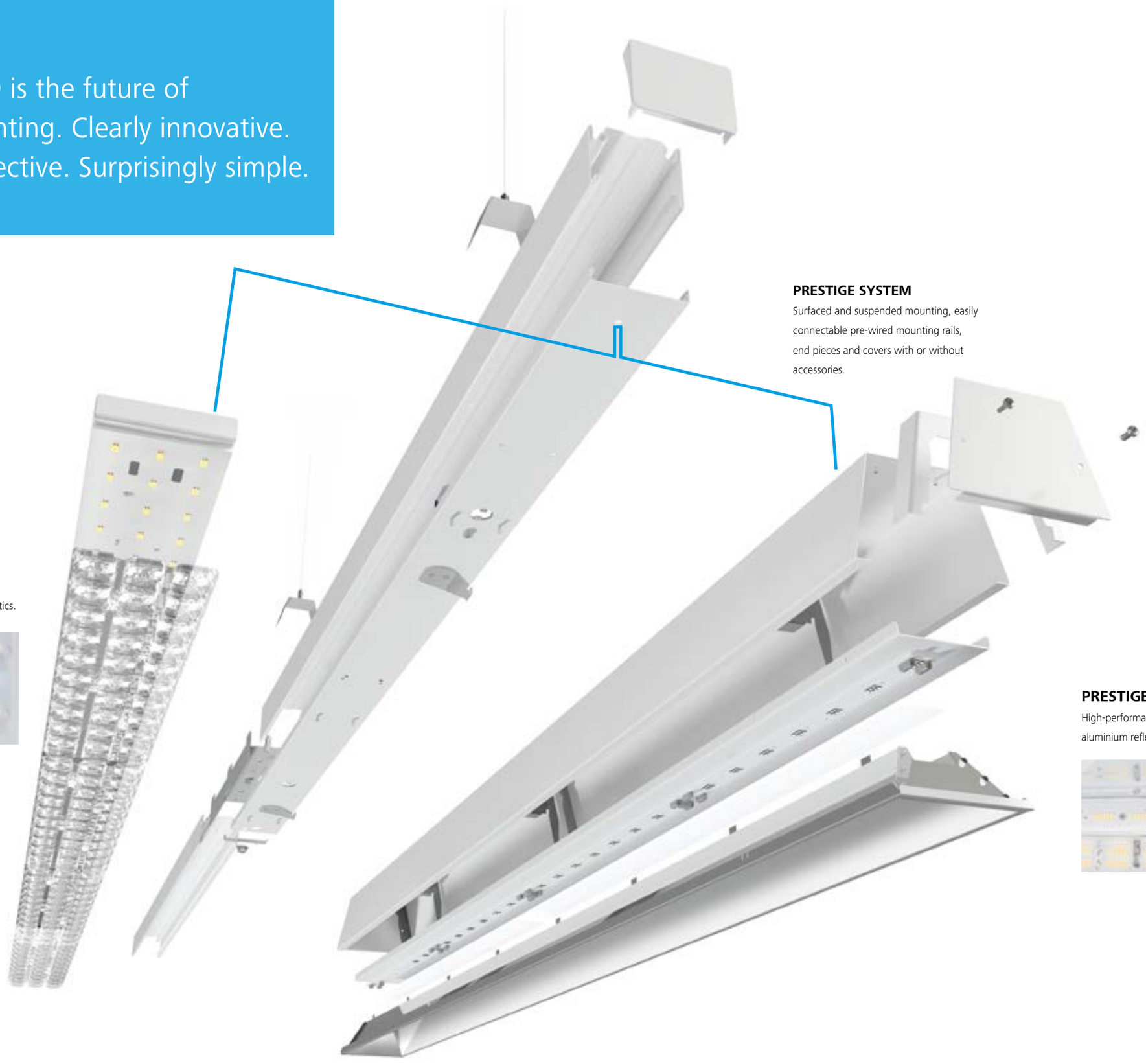
Installazione
Ad incasso a soffitto - per installazioni in linea (RCD)
Sorgente luminosa
LED
Sistema ottico
Griglia parabolica opaca PAR MAT-V2 (ML2)
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Cavi passanti (versioni F, T)
Variante unità di emergenza (3H, ECG)
Materiali
Corpo: lamina d'acciaio
Diffusore: PMMA
Griglia parabolica: alluminio anodizzato opaco
Finitura
Corpo: bianco RAL 9003 (W03)
Durata di vita
50,000 ore/L80/B10 (ta 25°C)
Temperatura d'ambiente
Da -20 °C a +35 °C
(da +5°C con unità di emergenza)

RU

Установка
Потолочная встроенная - рассчитанная на долговременную установку (RCD)
Источник света
LED
Оптическая система
Матовая параболическая решетка PAR MAT-V2 (ML2)
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Сквозная проводка (варианты F, T)
Блок аварийного освещения (3H, ECG)
Материал
Корпус: листовая сталь
Рассеиватель: полиметилметакрилат
Параболическая решетка: матовый анодированный алюминий
Отделка поверхности
Корпус: белый RAL 9003 (W03)
Срок службы
50,000 часов/L80/B10 (ta 25°C)
Температура окружающей среды
От -20 °C до +35 °C
(от +5°C с аварийного освещения)

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 LS / LSP / SMART-L

High-performance LEDs, lens-only optics.



PRESTIGE LED II

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



SB 02



SBT 2402



SBT 1502



CHP 02



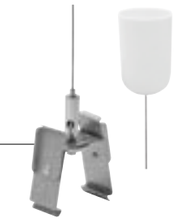
CHP 02 + CHS



RSE 02



RS 02

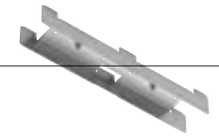


MRE

MR



MRCP 02



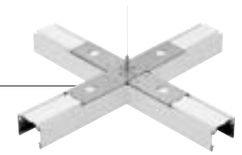
MR T II



MR L II



MR L / T / X01 / X02

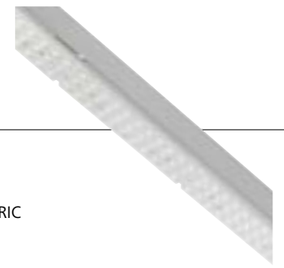


GHADA-L



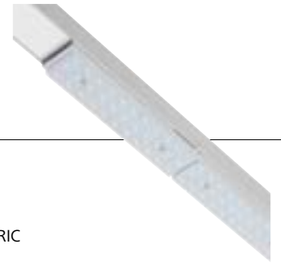
DEEP
MEDIUM
MEDIUM WIDE
CORRIDOR

SMART-L



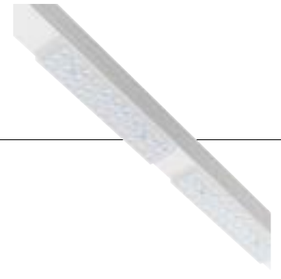
MEDIUM
WIDE
DOUBLE ASYMMETRIC
CORRIDOR

Prestige LED LS



DEEP
WIDE
EXTRA WIDE
DOUBLE ASYMMETRIC
ASYMMETRIC

Prestige LED LSP

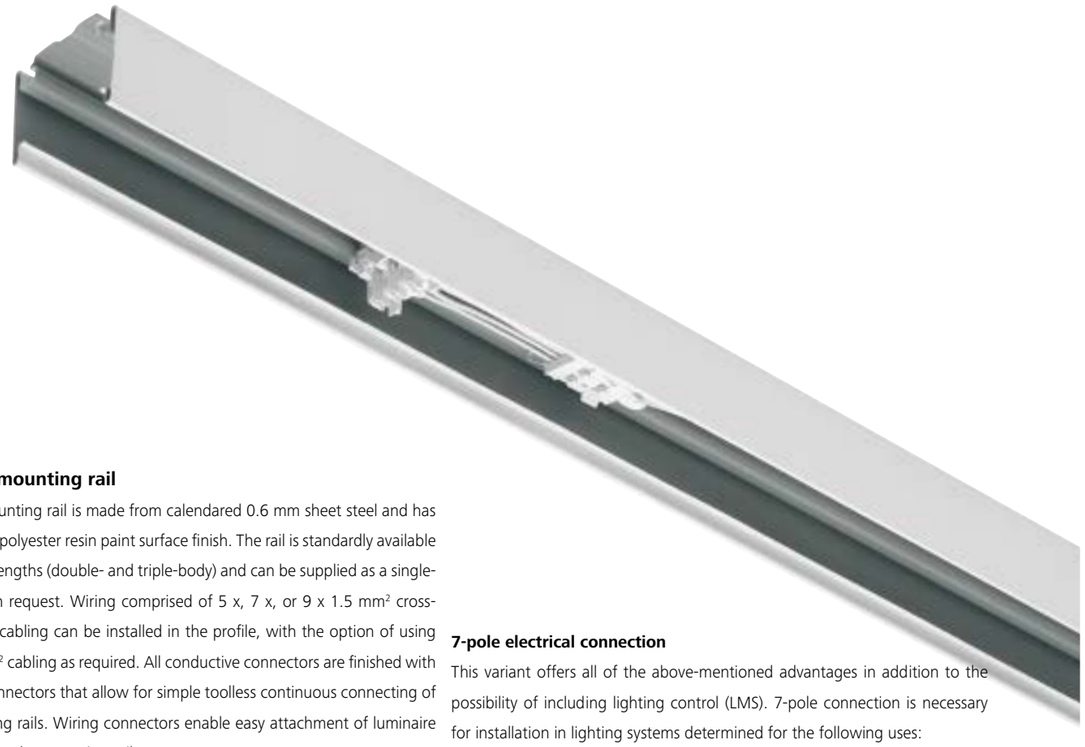


MEDIUM WIDE
EXTRA WIDE
CORRIDOR

Prestige LED II



DEEP
ULTRA DEEP
MEDIUM WIDE



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

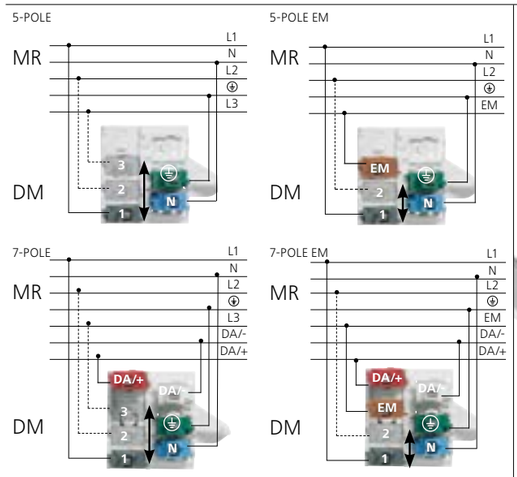
9-pole connection allows for almost unlimited inclusion of other systems in addition to standard operation, emergency lighting and an LMS. 9-pole connection is necessary for installation in lighting systems determined for the following uses:

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 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.



L1 PHASE 1
L2 PHASE 2
L3 PHASE 3
⏚ PROTECTIVE EARTH (GROUND WIRE)
N NEUTRAL WIRE
DA DIGITAL SIGNAL
+/- ANALOG SIGNAL
EM UNSWITCHED EMERGENCY PHASE

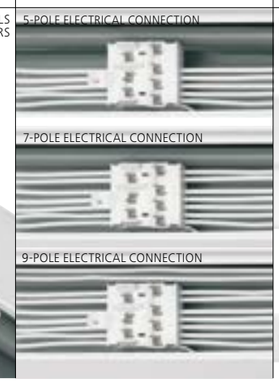




CONDUCTIVE CONNECTION OF MOUNTING RAILS USING AXIAL CONNECTORS



5-POLE ELECTRICAL CONNECTION

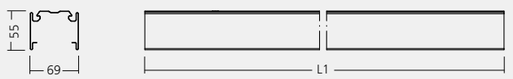


CONNECTOR FOR QUICK CONNECTION BETWEEN MOUNTING RAIL AND DEVICE MOUNT

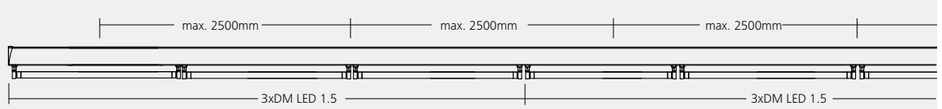


LED

	TYPE	1.5/2.5 mm²	L (mm)
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



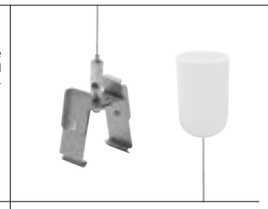
RSE 02 – suspension with electric cable

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.

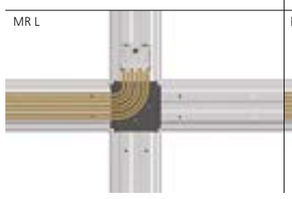


MR L/T/X01/X02 – cross-shaped mounting rail connector

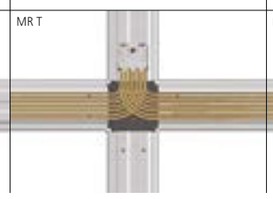
A cross-shaped mounting rail connector that allows for both mechanical and electrical connection through insertion into other mounting rail parts. Made of zinc-coated sheet steel. Standardly supplied with a plastic cap cover and the necessary number of end pieces.



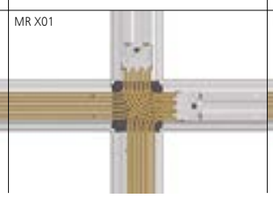
MR L



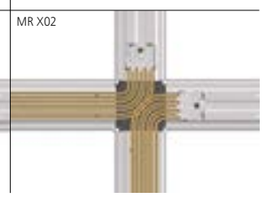
MR T



MR X01



MR X02

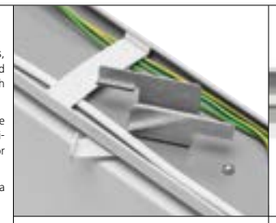


LED device mount

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.

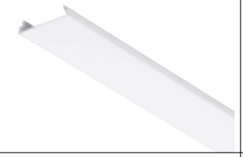
The connector located on the control gear tray allows for simple electrical connection of the LED device to the mounting rail. It also enables phase selection (5-, 7- and 9-pole connection) by means of positioning a moveable contact. Any free contacts can be used for the configuration of the LED device 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.





MR PLASTIC COVER



MR COVER



Fly connector

Adjustable connector on a 1.5 m cable.





Sensor

Built-in sensor (type upon customer request).

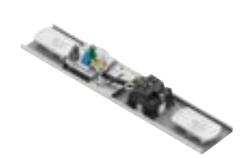




Socket

It is possible to integrate electrical plug sockets into the PRESTIGE SYSTEM using the existing electrical wiring.





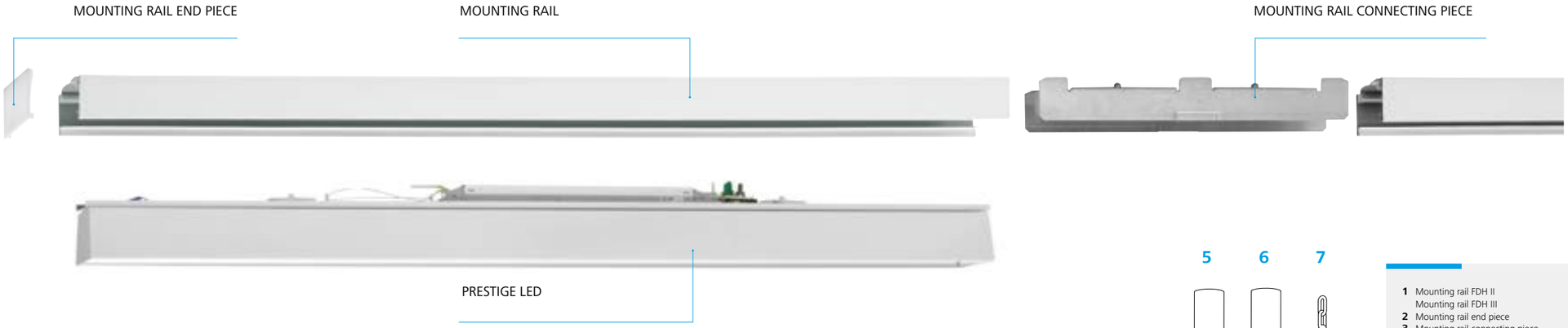
FDH track device mount

It is possible to combine the ONETRACK system with PRESTIGE for the incorporation of spotlights (683 mm ONETRACK).





PRESTIGE SYSTEM
ACCESSORIES



1	Mounting rail FDH II Mounting rail FDH III
2	Mounting rail end piece
3	Mounting rail connecting piece
4	Ghada-L Smart-L Prestige LED LSP Prestige LED LS Prestige LED II
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
MR FDH III
MRE
MRCP 02
DEEP / MEDIUM / MEDIUM WIDE / CORRIDOR
MEDIUM / WIDE / DOUBLE ASYMMETRIC /CORRIDOR
MEDIUM WIDE / EXTRA WIDE / CORRIDOR
DEEP / WIDE / EXTRA WIDE / DOUBLE ASYM / ASYM
DEEP / ULTRA DEEP / MEDIUM WIDE
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
1.5	MR FDH II	MR FDH III	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.



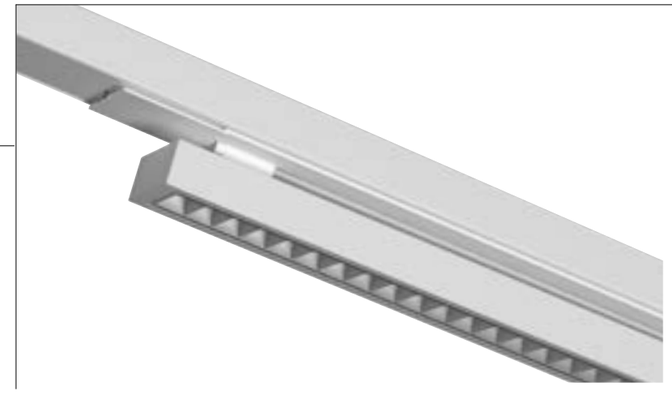
Sensors

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.



ELYS TRACK



AIR II



CADAN TRACK



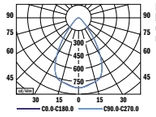
GHADA-L
LENSES
LED



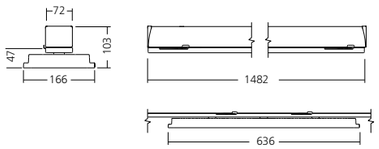
Ghada-L

PHOTOMETRY

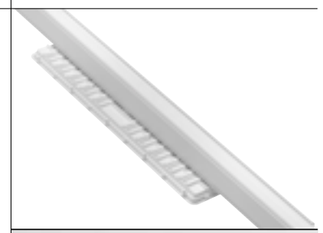
GHADA-L LMW (66°)
12,450 lm 4000 K



LOR = 100%
lower flux fraction 100%
upper flux fraction 0%
UGR <19

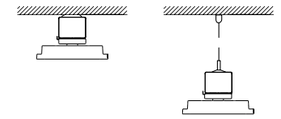








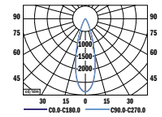
MOUNTING



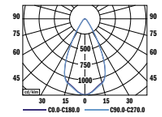
TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE (C0-180, C90-270)	WEIGHT (kg)
GHADA-L LDE/LME/LMW/LCO	12,450	102	122	80+	4000	27°/51°/66°/103°, 24°	6.0
GHADA-L LDE/LME/LMW/LCO	12,450	102	122	80+	5000	27°/51°/66°/103°, 24°	6.0
GHADA-L LDE/LME/LMW/LCO	12,950	90	144	70+	4000	27°/51°/66°/103°, 24°	6.0
GHADA-L LDE/LME/LMW/LCO	12,950	90	144	70+	5000	27°/51°/66°/103°, 24°	6.0

Luminous flux tolerance +/- 10%.

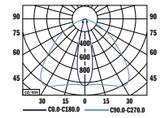
LDE
(27°)



LME
(51°)



LCO
(103°, 24°)



220-240V 50-60Hz | LED | CRI 70+ Ra | CRI 80+ Ra | CCT 4000 K | CCT 5000 K | ECG | EDA DALI | IP20 | IP65 | IK07

EN

Mounting
Suspended or ceiling surfaced
- determined for continuous installation (MDS)
Light source
LED
Optical system
Deep lenses (LDE)
Medium lenses (LME)
Medium wide lenses (LMW)
Corridor lenses (LCO)
Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Materials
Housing: die-cast aluminium + sheet steel
Cover: transparent hardened glass
Lenses: PMMA
Surface finish
Housing: white RAL 9003 (W03)
Accessories
Components for system PRESTIGE
Service lifetime
100,000 hours/L80/B10 (ta 25°C)
Ambient temperature
From -40 °C to +50 °C

DE

Montage
Hänge- oder Deckenleuchte
- mit Erweiterungsmöglichkeit (MDS)
Lichtquelle
LED
Optisches System
Tiefe Linsen (LDE)
Mittel Linsen (LME)
Medium weiten Linsen (LMW)
Corridor Linsen (LCO)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Material
Körper: Aluminiumdruckguss + Stahlblech
Abdeckung: durchsichtiger gehärteter Glas
Linsen: PMMA
Oberflächenveredelung
Körper: weiss RAL 9003 (W03)
Zubehör
Komponenten für System PRESTIGE
Lebensdauer
100,000 Stunden/L80/B10 (ta 25°C)
Umgebungstemperatur
Von -40 °C bis +50 °C

FR

Montage
Plafonnier suspendu ou apparent
- conçu pour une installation continue (MDS)
Source lumineuse
LED
Système optique
Profonde lentiles (LDE)
Moyen lentiles (LME)
Medium-large lentiles (LMW)
Corridor lentiles (LCO)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Matériels
Corps: aluminium moulé sous pression + tôle d'acier
Couvercle: verre trempé transparente
Lentiles: PMMA
Finition de surface
Corps: blanc RAL 9003 (W03)
Accessoires
Composants pour le PRESTIGE du système
Durée de vie utile
100,000 heures/L80/B10 (ta 25°C)
Température ambiante
De -40 °C à +50 °C

SK

Montáž
Závesné alebo prisadené
- predurčené na montáž do línií (MDS)
Svetelný zdroj
LED
Optický systém
Hlboké šošovky (LDE)
Stredné šošovky (LME)
Stredne široké šošovky (LMW)
Corridor šošovky (LCO)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Materiál
Teleso: hliníkový odliatok + oceľový plech
Kryt: transparentné tvrdené sklo
Šošovky: PMMA
Povrchová úprava
Teleso: biela RAL 9003 (W03)
Príslušenstvo
Komponenty pre systém PRESTIGE
Servisná životnosť
100,000 hodín/L80/B10 (ta 25°C)
Teplota okolia
Od -40 °C do +50 °C

ES

Montaje
Suspendido o sobrepuesto
- especifico para instalaciones continuas (MDS)
Fuente lumínica
LED
Sistema óptico
Lentes profunda (LDE)
Lentes medio (LME)
Lentes de anchura media (LMW)
Lentes de corridor (LCO)
Cableado
Equipo de control electronico FIX/DALI (ECG/EDA)
Material
Cuerpo: aluminio moldeado + lámina de acero
Cubierta: cristal endurecido transparente
Lentes: PMMA
Tratamiento de la superficie
Cuerpo: blanco RAL 9003 (W03)
Accesorios
Componentes para PRESTIGE sistema
Vida útil
100,000 horas/L80/B10 (ta 25°C)
Temperatura ambiente
Desde -40 °C a +50 °C

IT

Installazione
Apparecchi illuminanti a sospensione o a plafone
- per installazioni in linea (MDS)
Sorgente luminosa
LED
Sistema ottico
Lenti profondo (LDE)
Lenti medio (LME)
Lenti a livello medio (LMW)
Lenti a corridor (LCO))
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Materiali
Corpo: pressofusione di alluminio + lamina d'acciaio
Copertura: vetro temperato trasparente
Lenti: PMMA
Finitura
Corpo: bianco RAL 9003 (W03)
Accessori
Componenti per il prestigio del sistema
Durata di vita
100,000 ore/L80/B10 (ta 25°C)
Temperatura d'ambiente
Da -40 °C a +50 °C

RU

Установка
Подвесная или потолочная накладная
- рассчитанная на долговременную установку (MDS)
Источник света
LED
Оптическая система
Глубокие линзы (LDE)
Средний линзы (LME)
Средней ширины линзы (LMW)
Corridor линзы (LCO)
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Материал
Корпус: литой алюминий + листовая сталь
Крышка: чистое закаленное стекло
Линзы: PMMA
Отделка поверхности
Корпус: белый RAL 9003 (W03)
Аксессуары
Компоненты для системы PRESTIGE)
Срок службы
100,000 часов/L80/B10 (ta 25°C)
Температура окружающей среды
От -40 °C до +50 °C

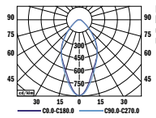
SMART-L
LENSES
LED



Smart-L

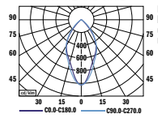
PHOTOMETRY

SMART-L LME (56°)
5750 lm 4000 K

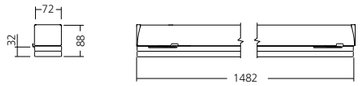


LOR = 100%
lower flux fraction 100%
upper flux fraction 0%
UGR <25/<22

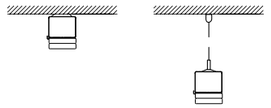
SMART-L LME +
ANTI-GLARE GRID



LOR = 92%
lower flux fraction 100%
upper flux fraction 0%
UGR <19



MOUNTING

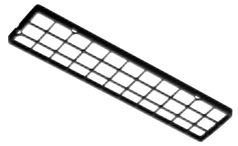




LME



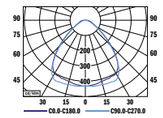
ANTI-GLARE GRID



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)
SMART-L LME/LA2	5600	38	147	80+	3000	56°/74°, 134°	410	2.8
SMART-L LME/LA2	5750	38	151	80+	4000	56°/74°, 134°	430	2.8
SMART-L LME/LA2	8150	58	141	80+	3000	56°/74°, 134°	410	2.8
SMART-L LME/LA2	8400	58	145	80+	4000	56°/74°, 134°	430	2.8
SMART-L LME/LA2	10,050	77	131	80+	3000	56°/74°, 134°	410	2.8
SMART-L LME/LA2	10,350	77	134	80+	4000	56°/74°, 134°	430	2.8
SMART-L LWE	5550	38	146	80+	3000	93°, 91°	410	2.8
SMART-L LWE	5700	38	150	80+	4000	93°, 91°	430	2.8
SMART-L LWE	8100	58	140	80+	3000	93°, 91°	410	2.8
SMART-L LWE	8350	58	144	80+	4000	93°, 91°	430	2.8
SMART-L LWE	10,000	77	130	80+	3000	93°, 91°	410	2.8
SMART-L LWE	10,300	77	134	80+	4000	93°, 91°	430	2.8
SMART-L LCO	5700	38	150	80+	3000	45°, 89°	410	2.8
SMART-L LCO	5900	38	155	80+	4000	45°, 89°	430	2.8
SMART-L LCO	8150	58	141	80+	3000	45°, 89°	410	2.8
SMART-L LCO	8400	58	145	80+	4000	45°, 89°	430	2.8
SMART-L LCO	10,300	77	134	80+	3000	45°, 89°	410	2.8
SMART-L LCO	10,600	77	138	80+	4000	45°, 89°	430	2.8

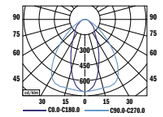
Luminous flux tolerance +/- 10%.

LWE
(93°, 91°)



LA2
(74°, 134°)

LCO
(45°, 89°)



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

EN

Mounting
Suspended or ceiling surfaced
- determined for continuous installation (MDS)
Light source
LED
Optical system
Medium lenses (LME)
Wide lenses (LWE)
Double asymmetric lenses (LA2)
Corridor lenses (LCO)
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
Anti-glare grid (LME/LWE)
Service lifetime
50,000 hours/L80/B10 (ta 25°C)
Ambient temperature
From -20 °C to +35 °C
(from +5°C with EM unit)

DE

Montage
Hänge- oder Deckenleuchte
- mit Erweiterungsmöglichkeit (MDS)
Lichtquelle
LED
Optisches System
Mittel Linsen (LME)
Weiten Linsen (LWE)
Doppel-asymmetrische Linsen (LA2)
Corridor Linsen (LCO)
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
Blendschutzgitter (LME, LWE)
Lebensdauer
100,000 Stunden/L80/B10 (ta 25°C)
Umgebungstemperatur
Von -20 °C bis +35 °C
(von +5°C mit Notbeleuchtung)

FR

Montage
Plafonnier suspendu ou apparent
- conçu pour une installation continue (MDS)
Source lumineuse
LED
Système optique
Moyen lentiles (LME)
Large lentiles (LWE)
Lentilles double asymétrique (LA2)
Corridor lentiles (LCO)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Variante de l'unité de secours (3H)
Matériels
Corps: tôle d'acier
Lentiles: PMMA
Finition de surface
Corps: blanc RAL 9003 (W03)
Accessoires
Composants pour le PRESTIGE du système
Grille anti-éblouissement (LME, LWE)
Durée de vie utile
50,000 heures/L80/B10 (ta 25°C)
Température ambiante
De -20 °C à +35 °C
(de +5°C avec l'unité de secours)

SK

Montáž
Závesné alebo prisadené
- predurčené na montáž do línií (MDS)
Svetelný zdroj
LED
Optický systém
Stredné šošovky (LME)
Široké šošovky (LWE)
Dvojité asymetrické šošovky (LA2)
Corridor šošovky (LCO)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Varianta s núdzovou jednotkou (3H)
Materiál
Teleso: oceľový plech
Šošovky: PMMA
Povrchová úprava
Teleso: biela RAL 9003 (W03)
Príslušenstvo
Komponenty pre systém PRESTIGE
Mriežka znižujúca oslnenie (LME, LWE)
Servisná životnosť
50,000 hodín/L80/B10 (ta 25°C)
Teplota okolia
Od -20 °C do +35 °C
(od +5°C s núdzovou jednotkou)

ES

Montaje
Suspendido o sobrepuesto
- especifico para instalaciones continuas (MDS)
Fuente luminica
LED
Sistema óptico
Lentes medio (LME)
Lentes de anchura (LWE)
Lentes asimétrico doble (LA2)
Lentes de corridor (LCO)
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
Rejilla antideslumbrante (LME, LWE)
Vida útil
50,000 horas/L80/B10 (ta 25°C)
Temperatura ambiente
Desde -20 °C a +35 °C
(desde +5°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 medio (LME)
Lenti a livello (LWE)
Lenti doppio asimmetriche (LA2)
Lenti a corridor (LCO)
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
Griglia antiabbagliante (LME, LWE)
Durata di vita
50,000 ore/L80/B10 (ta 25°C)
Temperatura d'ambiente
Da -20 °C a +35 °C
(da +5°C con unità di emergenza)

RU

Установка
Подвесная или потолочная накладная
- рассчитанная на долговременную установку (MDS)
Источник света
LED
Оптическая система
Средний линзы (LME)
Ширины линзы (LWE)
Двухместный асимметричный (LA2)
Corridor линзы (LCO)
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
Антибликовая сетка (LME, LWE)
Срок службы
50,000 часов/L80/B10 (ta 25°C)
Температура окружающей среды
От -20 °C до +35 °C
(от +5°C с аварийного освещения)

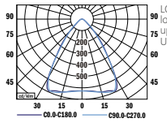
PRESTIGE LED LSP
LENSES
LED



Prestige LED LSP

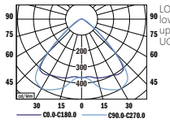
PHOTOMETRY

PRESTIGE LED LSP LMW
5600 lm 3000 K



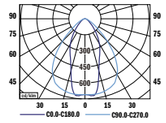
LOR = 100%
lower flux fraction 100%
upper flux fraction 0%
UGR < 22

PRESTIGE LED LSP LEW
5550 lm 3000 K

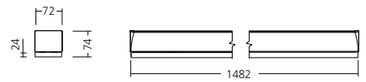


LOR = 92%
lower flux fraction 100%
upper flux fraction 0%
UGR <22

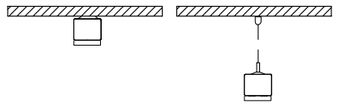
LCO
(45°, 85°)







MOUNTING



TYPE	NET LUMEN OUTPUT (at Ta = 25 °C)	POWER CONSUMPTION	SYSTEM EFFICACY	COLOUR RENDERING INDEX	CORRELATED COLOUR TEMPERATURE	BEAM ANGLE	EMERGENCY UNIT 3H	WEIGHT
	(lm)	(W)	(lm/W)	CRI (Ra)	CCT (K)	(C0-180, C90-270)	(lm)	(kg)
PRESTIGE LED LSP LMW/LCO	5600	40	140	80+	3000	73°/45°, 85°	380	2.7
PRESTIGE LED LSP LMW/LCO	5750	40	144	80+	4000	73°/45°, 85°	400	2.7
PRESTIGE LED LSP LMW/LCO	8050	62	130	80+	3000	73°/45°, 85°	380	2.7
PRESTIGE LED LSP LMW/LCO	8300	62	134	80+	4000	73°/45°, 85°	400	2.7
PRESTIGE LED LSP LEW	5550	40	139	80+	3000	96°, 93°	380	2.7
PRESTIGE LED LSP LEW	5700	40	143	80+	4000	96°, 93°	400	2.7
PRESTIGE LED LSP LEW	7950	62	128	80+	3000	96°, 93°	380	2.7
PRESTIGE LED LSP LEW	8200	62	132	80+	4000	96°, 93°	400	2.7

Luminous flux tolerance +/- 10 %.

220-240V 50-60Hz · LED · CRI 80+ Ra · CCT 3000 K · CCT 4000 K · ECG · EDA DALI · EMERGENCY · IP20

EN

Mounting
Suspended or ceiling surfaced
- determined for continuous installation (MDS)
Light source
LED
Optical system
Medium wide lenses (LMW)
Extra wide lenses (LEW)
Corridor lenses (LCO)
Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Emergency unit variant (3H)
Materials
Housing: sheet steel
Lenses: PMMA (IP54)
Surface finish
Housing: white RAL 9003 (W03)
Accessories
Components for system PRESTIGE
Service lifetime
50,000 hours/L80/B10 (ta 25°C)
Ambient temperature
from -25°C to +40 °C
(from +5°C with EM unit)

DE

Montage
Hänge- oder Deckenleuchte
- mit Erweiterungsmöglichkeit (MDS)
Lichtquelle
LED
Optisches System
Medium weiten Linsen (LMW)
Extra weiten Linsen (LEW)
Corridor Linsen (LCO)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Notbeleuchtung Variante (3H)
Material
Körper: Stahlblech
Linsen: PMMA (IP54)
Oberflächenveredelung
Körper: weiss RAL 9003 (W03)
Zubehör
Komponenten für System PRESTIGE
Lebensdauer
50,000 Stunden/L80/B10 (ta 25°C)
Umgebungstemperatur
Von -25 °C bis +40 °C
(von +5°C mit Notbeleuchtung)

FR

Montage
Plafonnier suspendu ou apparent
- conçu pour une installation continue (MDS)
Source lumineuse
LED
Système optique
Medium-large Lentiles (LMW)
Extra-large Lentiles (LEW)
Corridor lentiles (LCO)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Variante de l'unité de secours (3H)
Matériels
Corps: tôle d'acier
Lentiles: PMMA (IP54)
Finition de surface
Corps: blanc RAL 9003 (W03)
Accessoires
Composants pour le PRESTIGE du système
Durée de vie utile
50,000 heures/L80/B10 (ta 25°C)
Température ambiante
De -25 °C à +40 °C
(de +5°C avec l'unité de secours)

SK

Montáž
Závesné alebo prisadené
- predučené na montáž do línií (MDS)
Svetelný zdroj
LED
Optický systém
Stredne široké šošovky (LMW)
Extra široké šošovky (LEW)
Corridor šošovky (LCO)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Varianta s núdzovou jednotkou (3H)
Materiál
Teleso: oceľový plech
Šošovky: PMMA (IP54)
Povrchová úprava
Teleso: biela RAL 9003 (W03)
Príslušenstvo
Komponenty pre systém PRESTIGE
Servisná životnosť
50,000 hodín/L80/B10 (ta 25°C)
Teplota okolia
Od -25 °C do +40 °C
(od +5°C s núdzovou jednotkou)

ES

Montaje
Suspendido o sobrepuesto
- específico para instalaciones continuas (MDS)
Fuente lumínica
LED
Sistema óptico
Lentes de anchura media (LMW)
Lentes de anchura extra (LEW)
Lentes de corridor (LCO)
Cableado
Equipo de control electronico FIX/DALI (ECG/EDA)
Variante unidad de emergencia (3H)
Material
Cuerpo: lámina de acero
Lentes: PMMA (IP54)
Tratamiento de la superficie
Cuerpo: blanco RAL 9003 (W03)
Accesorios
Componentes para PRESTIGE sistema
Vida útil
50,000 horas/L80/B10 (ta 25°C)
Temperatura ambiente
Desde -25 °C a +40 °C
(desde +5°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)
Lenti a livello extra (LEW)
Lenti a corridor (LCO)
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Variante unitá di emergenza (3H)
Materiali
Corpo: lamina d´acciaio
Lenti: PMMA (IP54)
Finitura
Corpo: bianco RAL 9003 (W03)
Accessori
Componenti per il prestigio del sistema
Durata di vita
50,000 ore/L80/B10 (ta 25°C)
Temperatura d'ambiente
Da -25 °C a +40 °C
(da +5°C con unitá di emergenza)

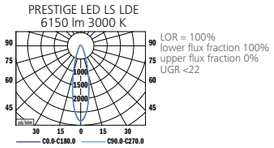
RU

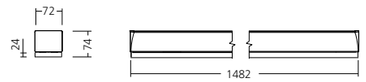
Установка
Подвесная или потолочная накладная
- рассчитанная на долговременную установку (MDS)
Источник света
LED
Оптическая система
Средней ширины линзы (LMW)
Экстра ширины линзы (LEW)
Corridor линзы (LCO)
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Блок аварийного освещения (3H)
Материал
Корпус: листовая сталь
Линзы: PMMA (IP54)
Отделка поверхности
Корпус: белый RAL 9003 (W03)
Аксессуары
Компоненты для системы PRESTIGE
Срок службы
50,000 часов/L80/B10 (ta 25°C)
Температура окружающей среды
От -25 °C до +40 °C
(от +5°C с аварийного освещения)



Prestige LED LS Deep

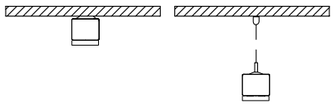
PHOTOMETRY







MOUNTING



TYPE	NET LUMEN OUTPUT (at Ta = 25 °C)	POWER CONSUMPTION	SYSTEM EFFICACY	COLOUR RENDERING INDEX	CORRELATED COLOUR TEMPERATURE	BEAM ANGLE	EMERGENCY UNIT 3H	WEIGHT
	(lm)	(W)	(lm/W)	CRI (Ra)	CCT (K)	(C0-180, C90-270)	(lm)	(kg)
PRESTIGE LED LS LDE	6150	42	146	80+	3000	25°	340	2.8
PRESTIGE LED LS LDE	6350	42	151	80+	4000	25°	360	2.8
PRESTIGE LED LS LDE	8300	60	138	80+	3000	25°	340	2.8
PRESTIGE LED LS LDE	8550	60	143	80+	4000	25°	360	2.8
PRESTIGE LED LS LDE	10,400	80	130	80+	3000	25°	340	2.8
PRESTIGE LED LS LDE	10,700	80	134	80+	4000	25°	360	2.8

Luminous flux tolerance +/- 10 %.

220-240V 50-60Hz · LED · CRI 80+ Ra · CCT 3000 K · CCT 4000 K · ECG · EDA DALI · EMERGENCY · IP20

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/B10 (ta 25°C) - 42/60W
50,000 hours/L80/B50 (ta 25°C) - 80W
Ambient temperature
from -20°C to +35 °C
(from +5°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/B10 (ta 25°C) - 42/60W
50,000 Stunden/L80/B50 (ta 25°C) - 80W
Umgebungstemperatur
Von -20 °C bis +35 °C
(von +5°C mit Notbeleuchtung)

FR

Montage
Plafonnier suspendu ou apparent
- conçu pour une installation continue (MDS)
Source lumineuse
LED
Système optique
Profonde Lentiles (LDE)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Variante de l'unité de secours (3H)
Matériels
Corps: tôle d'acier
Lentiles: PMMA
Finition de surface
Corps: blanc RAL 9003 (W03)
Accessoires
Composants pour le PRESTIGE du système
Durée de vie utile
50,000 heures/L80/B10 (ta 25°C) - 42/60W
50,000 heures/L80/B50 (ta 25°C) - 80W
Température ambiante
De -20 °C à +35 °C
(de +5°C avec l'unité de secours)

SK

Montáž
Závesné alebo prisadené
- predučené na montáž do línií (MDS)
Svetelný zdroj
LED
Optický systém
Hlboké šošovky (LDE)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Varianta s núdzovou jednotkou (3H)
Materiál
Teleso: oceľový plech
Šošovky: PMMA
Povrchová úprava
Teleso: biela RAL 9003 (W03)
Príslušenstvo
Komponenty pre systém PRESTIGE
Servisná životnosť
50,000 hodín/L80/B10 (ta 25°C) - 42/60W
50,000 hodín/L80/B50 (ta 25°C) - 80W
Teplota okolia
Od -20 °C do +35 °C
(od +5°C s núdzovou jednotkou)

ES

Montaje
Suspendido o sobrepuesto
- especifico para instalaciones continuas (MDS)
Fuente lumínica
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/B10 (ta 25°C) - 42/60W
50,000 horas/L80/B50 (ta 25°C) - 80W
Temperatura ambiente
Desde -20 °C a +35 °C
(desde +5°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/B10 (ta 25°C) - 42/60W
50,000 ore/L80/B50 (ta 25°C) - 80W
Temperatura d'ambiente
Da -20 °C a +35 °C
(da +5°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/B10 (ta 25°C) - 42/60W
50,000 часов/L80/B50 (ta 25°C) - 80W
Температура окружающей среды
От -20 °C до +35 °C
(от +5°C с аварийного освещения)

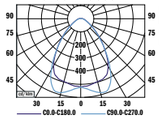
PRESTIGE LED LS
LENSES
LED



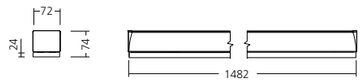
Prestige LED LS Wide

PHOTOMETRY

PRESTIGE LED LS LWE
6150 lm 3000 K

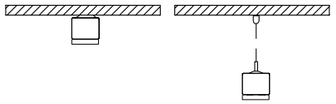


LOR = 100%
lower flux fraction 100%
upper flux fraction 0%
UGR < 25





MOUNTING



TYPE	NET LUMEN OUTPUT (at Ta = 25 °C)	POWER CONSUMPTION	SYSTEM EFFICACY	COLOUR RENDERING INDEX	CORRELATED COLOUR TEMPERATURE	BEAM ANGLE	EMERGENCY UNIT 3H	WEIGHT
	(lm)	(W)	(lm/W)	CRI (Ra)	CCT (K)	(C0-180, C90-270)	(lm)	(kg)
PRESTIGE LED LS LWE	6150	42	146	80+	3000	80°	340	2.8
PRESTIGE LED LS LWE	6300	42	150	80+	4000	80°	360	2.8
PRESTIGE LED LS LWE	8300	60	138	80+	3000	80°	340	2.8
PRESTIGE LED LS LWE	8550	60	143	80+	4000	80°	360	2.8
PRESTIGE LED LS LWE	10,350	80	129	80+	3000	80°	340	2.8
PRESTIGE LED LS LWE	10,650	80	133	80+	4000	80°	360	2.8

Luminous flux tolerance +/- 10 %.

220-240V 50-60Hz · LED · CRI 80+ Ra · CCT 3000 K · CCT 4000 K · ECG · EDA DALI · EMERGENCY · IP20

EN

Mounting
Suspended or ceiling surfaced
- determined for continuous installation (MDS)
Light source
LED
Optical system
Wide lenses (LWE)
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/B10 (ta 25°C) - 42/60W
50,000 hours/L80/B50 (ta 25°C) - 80W
Ambient temperature
from -20°C to +35 °C
(from +5°C with EM unit)

DE

Montage
Hänge- oder Deckenleuchte
- mit Erweiterungsmöglichkeit (MDS)
Lichtquelle
LED
Optisches System
Weiten Linsen (LWE)
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/B10 (ta 25°C) - 42/60W
50,000 Stunden/L80/B50 (ta 25°C) - 80W
Umgebungstemperatur
Von -20 °C bis +35 °C
(von +5°C mit Notbeleuchtung)

FR

Montage
Plafonnier suspendu ou apparent
- conçu pour une installation continue (MDS)
Source lumineuse
LED
Système optique
Large Lentiles (LWE)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Variante de l'unité de secours (3H)
Matériels
Corps: tôle d'acier
Lentiles: PMMA
Finition de surface
Corps: blanc RAL 9003 (W03)
Accessoires
Composants pour le PRESTIGE du système
Durée de vie utile
50,000 heures/L80/B10 (ta 25°C) - 42/60W
50,000 heures/L80/B50 (ta 25°C) - 80W
Température ambiante
De -20 °C à +35 °C
(de +5°C avec l'unité de secours)

SK

Montáž
Závesné alebo prisadené
- predučené na montáž do línií (MDS)
Svetelný zdroj
LED
Optický systém
Široké šošovky (LWE)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Varianta s núdzovou jednotkou (3H)
Materiál
Teleso: oceľový plech
Šošovky: PMMA
Povrchová úprava
Teleso: biela RAL 9003 (W03)
Príslušenstvo
Komponenty pre systém PRESTIGE
Servisná životnosť
50,000 hodín/L80/B10 (ta 25°C) - 42/60W
50,000 hodín/L80/B50 (ta 25°C) - 80W
Teplota okolia
Od -20 °C do +35 °C
(od +5°C s núdzovou jednotkou)

ES

Montaje
Suspendido o sobrepuesto
- especifico para instalaciones continuas (MDS)
Fuente lumínica
LED
Sistema óptico
Lentes de anchura (LWE)
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/B10 (ta 25°C) - 42/60W
50,000 horas/L80/B50 (ta 25°C) - 80W
Temperatura ambiente
Desde -20 °C a +35 °C
(desde +5°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 (LWE)
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/B10 (ta 25°C) - 42/60W
50,000 ore/L80/B50 (ta 25°C) - 80W
Temperatura d'ambiente
Da -20 °C a +35 °C
(da +5°C con unitá di emergenza)

RU

Установка
Подвесная или потолочная накладная
- рассчитанная на долговременную установку (MDS)
Источник света
LED
Оптическая система
Ширины линзы (LWE)
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/B10 (ta 25°C) - 42/60W
50,000 часов/L80/B50 (ta 25°C) - 80W
Температура окружающей среды
От -20 °C до +35 °C
(от +5°C с аварийного освещения)

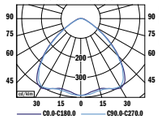
PRESTIGE LED LS
LENSES
LED



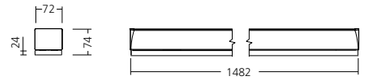
Prestige LED LS Extra Wide

PHOTOMETRY

PRESTIGE LED LS LEW
6000 lm 3000 K

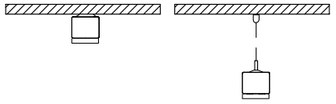


LOR = 100%
lower flux fraction 100%
upper flux fraction 0%
UGR < 25





MOUNTING



TYPE	NET LUMEN OUTPUT (at Ta = 25 °C)	POWER CONSUMPTION	SYSTEM EFFICACY	COLOUR RENDERING INDEX	CORRELATED COLOUR TEMPERATURE	BEAM ANGLE	EMERGENCY UNIT 3H	WEIGHT
	(lm)	(W)	(lm/W)	CRI (Ra)	CCT (K)	(C0-180, C90-270)	(lm)	(kg)
PRESTIGE LED LS LEW	6000	42	143	80+	3000	100°	340	2.8
PRESTIGE LED LS LEW	6200	42	148	80+	4000	100°	360	2.8
PRESTIGE LED LS LEW	8100	60	135	80+	3000	100°	340	2.8
PRESTIGE LED LS LEW	8350	60	139	80+	4000	100°	360	2.8
PRESTIGE LED LS LEW	10,150	80	127	80+	3000	100°	340	2.8
PRESTIGE LED LS LEW	10,450	80	131	80+	4000	100°	360	2.8

Luminous flux tolerance +/- 10 %.

220-240V 50-60Hz | LED | CRI 80+ Ra | CCT 3000 K
CCT 4000 K | ECG | EDA DALI | EMERGENCY
IP20

EN

Mounting
Suspended or ceiling surfaced
- determined for continuous installation (MDS)
Light source
LED
Optical system
Extra wide lenses (LEW)
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/B10 (ta 25°C) - 42/60W
50,000 hours/L80/B50 (ta 25°C) - 80W
Ambient temperature
from -20°C to +35 °C
(from +5°C with EM unit)

DE

Montage
Hänge- oder Deckenleuchte
- mit Erweiterungsmöglichkeit (MDS)
Lichtquelle
LED
Optisches System
Extra weiten Linsen (LEW)
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/B10 (ta 25°C) - 42/60W
50,000 Stunden/L80/B50 (ta 25°C) - 80W
Umgebungstemperatur
Von -20 °C bis +35 °C
(von +5°C mit Notbeleuchtung)

FR

Montage
Plafonnier suspendu ou apparent
- conçu pour une installation continue (MDS)
Source lumineuse
LED
Système optique
Extra-large Lentiles (LEW)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Variante de l'unité de secours (3H)
Matériels
Corps: tôle d'acier
Lentiles: PMMA
Finition de surface
Corps: blanc RAL 9003 (W03)
Accessoires
Composants pour le PRESTIGE du système
Durée de vie utile
50,000 heures/L80/B10 (ta 25°C) - 42/60W
50,000 heures/L80/B50 (ta 25°C) - 80W
Température ambiante
De -20 °C à +35 °C
(de +5°C avec l'unité de secours)

SK

Montáž
Závesné alebo prisadené
- predučené na montáž do línií (MDS)
Svetelný zdroj
LED
Optický systém
Extra široké šošovky (LEW)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Varianta s núdzovou jednotkou (3H)
Materiál
Teleso: oceľový plech
Šošovky: PMMA
Povrchová úprava
Teleso: biela RAL 9003 (W03)
Príslušenstvo
Komponenty pre systém PRESTIGE
Servisná životnosť
50,000 hodín/L80/B10 (ta 25°C) - 42/60W
50,000 hodín/L80/B50 (ta 25°C) - 80W
Teplota okolia
Od -20 °C do +35 °C
(od +5°C s núdzovou jednotkou)

ES

Montaje
Suspendido o sobrepuesto
- específico para instalaciones continuas (MDS)
Fuente lumínica
LED
Sistema óptico
Lentes de anchura extra (LEW)
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/B10 (ta 25°C) - 42/60W
50,000 horas/L80/B50 (ta 25°C) - 80W
Temperatura ambiente
Desde -20 °C a +35 °C
(desde +5°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 extra (LEW)
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/B10 (ta 25°C) - 42/60W
50,000 ore/L80/B50 (ta 25°C) - 80W
Temperatura d'ambiente
Da -20 °C a +35 °C
(da +5°C con unità di emergenza)

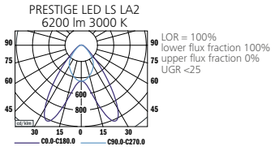
RU

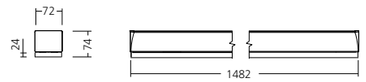
Установка
Подвесная или потолочная накладная
- рассчитанная на долговременную установку (MDS)
Источник света
LED
Оптическая система
Экстра ширины линзы (LEW)
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Блок аварийного освещения (3H)
Материал
Корпус: листовая сталь
Линзы: PMMA
Отделка поверхности
Корпус: белый RAL 9003 (W03)
Аксессуары
Компоненты для системы PRESTIGE
Срок службы
50,000 часов/L80/B10 (ta 25°C) - 42/60W
50,000 часов/L80/B50 (ta 25°C) - 80W
Температура окружающей среды
От -20 °C до +35 °C
(от +5°C с аварийного освещения)



Prestige LED LS Double Asymmetric

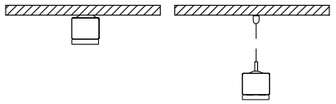
PHOTOMETRY







MOUNTING



TYPE	NET LUMEN OUTPUT (at Ta = 25 °C)	POWER CONSUMPTION	SYSTEM EFFICACY	COLOUR RENDERING INDEX	CORRELATED COLOUR TEMPERATURE	BEAM ANGLE	EMERGENCY UNIT 3H	WEIGHT
	(lm)	(W)	(lm/W)	CRI (Ra)	CCT (K)	(C0-180, C90-270)	(lm)	(kg)
PRESTIGE LED LS LA2	6200	42	148	80+	3000	72°, 87°	340	2.8
PRESTIGE LED LS LA2	6400	42	152	80+	4000	72°, 87°	360	2.8
PRESTIGE LED LS LA2	8400	60	140	80+	3000	72°, 87°	340	2.8
PRESTIGE LED LS LA2	8650	60	144	80+	4000	72°, 87°	360	2.8
PRESTIGE LED LS LA2	10,500	80	131	80+	3000	72°, 87°	340	2.8
PRESTIGE LED LS LA2	10,800	80	135	80+	4000	72°, 87°	360	2.8

Luminous flux tolerance +/- 10 %.

220-240V 50-60Hz · LED · CRI 80+ Ra · CCT 3000 K · CCT 4000 K · ECG · EDA DALI · EMERGENCY · IP20

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)
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/B10 (ta 25°C) - 42/60W
50,000 hours/L80/B50 (ta 25°C) - 80W
Ambient temperature
from -20°C to +35 °C
(from +5°C with EM unit)

DE

Montage
Hänge- oder Deckenleuchte
- mit Erweiterungsmöglichkeit (MDS)
Lichtquelle
LED
Optisches System
Doppel-asymmetrische Linsen (LA2)
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/B10 (ta 25°C) - 42/60W
50,000 Stunden/L80/B50 (ta 25°C) - 80W
Umgebungstemperatur
Von -20 °C bis +35 °C
(von +5°C mit Notbeleuchtung)

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)
Variante de l'unité de secours (3H)
Matériels
Corps: tôle d'acier
Lentiles: PMMA
Finition de surface
Corps: blanc RAL 9003 (W03)
Accessoires
Composants pour le PRESTIGE du système
Durée de vie utile
50,000 heures/L80/B10 (ta 25°C) - 42/60W
50,000 heures/L80/B50 (ta 25°C) - 80W
Température ambiante
De -20 °C à +35 °C
(de +5°C avec l'unité de secours)

SK

Montáž
Závesné alebo prisadené
- predučené na montáž do línií (MDS)
Svetelný zdroj
LED
Optický systém
Dvojité asymetrické šošovky (LA2)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Varianta s núdzovou jednotkou (3H)
Materiál
Teleso: oceľový plech
Šošovky: PMMA
Povrchová úprava
Teleso: biela RAL 9003 (W03)
Príslušenstvo
Komponenty pre systém PRESTIGE
Servisná životnosť
50,000 hodín/L80/B10 (ta 25°C) - 42/60W
50,000 hodín/L80/B50 (ta 25°C) - 80W
Teplota okolia
Od -20 °C do +35 °C
(od +5°C s núdzovou jednotkou)

ES

Montaje
Suspendido o sobrepuesto
- especifico para instalaciones continuas (MDS)
Fuente lumínica
LED
Sistema óptico
Lentes asimétrico doble (LA2)
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/B10 (ta 25°C) - 42/60W
50,000 horas/L80/B50 (ta 25°C) - 80W
Temperatura ambiente
Desde -20 °C a +35 °C
(desde +5°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 doppio asimmetriche (LA2)
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Variante unitá 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/B10 (ta 25°C) - 42/60W
50,000 ore/L80/B50 (ta 25°C) - 80W
Temperatura d'ambiente
Da -20 °C a +35 °C
(da +5°C con unitá di emergenza)

RU

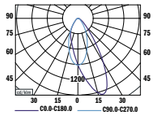
Установка
Подвесная или потолочная накладная
- рассчитанная на долговременную установку (MDS)
Источник света
LED
Оптическая система
Двухместный асимметричный (LA2)
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Блок аварийного освещения (3H)
Материал
Корпус: листовая сталь
Линзы: PMMA
Отделка поверхности
Корпус: белый RAL 9003 (W03)
Аксессуары
Компоненты для системы PRESTIGE
Срок службы
50,000 часов/L80/B10 (ta 25°C) - 42/60W
50,000 часов/L80/B50 (ta 25°C) - 80W
Температура окружающей среды
От -20 °C до +35 °C
(от +5°C с аварийного освещения)



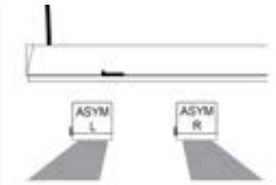
Prestige LED LS Asymmetric

PHOTOMETRY

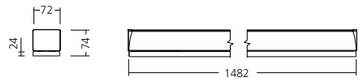
PRESTIGE LED LS LAS
6200 lm 3000 K



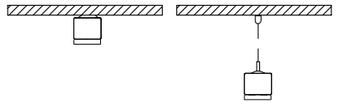
LOR = 100%
lower flux fraction 100%
upper flux fraction 0%







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)
PRESTIGE LED LS LAS	6200	42	148	80+	3000	asym	2.8
PRESTIGE LED LS LAS	6350	42	151	80+	4000	asym	2.8
PRESTIGE LED LS LAS	8350	60	139	80+	3000	asym	2.8
PRESTIGE LED LS LAS	8600	60	143	80+	4000	asym	2.8
PRESTIGE LED LS LAS	10,450	80	131	80+	3000	asym	2.8
PRESTIGE LED LS LAS	10,750	80	134	80+	4000	asym	2.8

Luminous flux tolerance +/- 10 %.

220-240V 50-60Hz · LED · CRI 80+ Ra · CCT 3000 K · CCT 4000 K · ECG · EDA DALI · IP20

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/B10 (ta 25°C) - 42/60W
50,000 hours/L80/B50 (ta 25°C) - 80W
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/B10 (ta 25°C) - 42/60W
50,000 Stunden/L80/B50 (ta 25°C) - 80W
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
Lentiles: PMMA
Finition de surface
Corps: blanc RAL 9003 (W03)
Accessoires
Composants pour le PRESTIGE du système
Durée de vie utile
50,000 heures/L80/B10 (ta 25°C) - 42/60W
50,000 heures/L80/B50 (ta 25°C) - 80W
Température ambiante
De -20 °C à +35 °C

SK

Montáž
Závesné alebo prisadené
- predučené na montáž do línií (MDS)
Svetelný zdroj
LED
Optický systém
Asymetrické šošovky (LAS) - Pravé (R)/Ľavé
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Materiál
Teleso: oceľový plech
Šošovky: PMMA
Povrchová úprava
Teleso: biela RAL 9003 (W03)
Príslušenstvo
Komponenty pre systém PRESTIGE
Servisná životnosť
50,000 hodín/L80/B10 (ta 25°C) - 42/60W
50,000 hodín/L80/B50 (ta 25°C) - 80W
Teplota okolia
Od -20 °C do +35 °C

ES

Montaje
Suspendido o sobrepuesto
- especifico para instalaciones continuas (MDS)
Fuente lumínica
LED
Sistema óptico
Lentes asimétrico mate (LAS) - Derecha (R)/ Izquierda (L)
Cableado
Equipo de control electronico 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/B10 (ta 25°C) - 42/60W
50,000 horas/L80/B50 (ta 25°C) - 80W
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/B10 (ta 25°C) - 42/60W
50,000 ore/L80/B50 (ta 25°C) - 80W
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/B10 (ta 25°C) - 42/60W
50,000 часов/L80/B50 (ta 25°C) - 80W
Температура окружающей среды
От -20 °C до +35 °C

HPL SYSTEM

Hight Protection Line System

Simplified installation for increased performance

High Protection Line System

The HPL System is the most modern solution for the distribution of energy in an installation for machinery, equipment and lighting fittings, in all types of buildings such as warehouses, trade fairs. The HPL System is also frequently used to power the (horizontal and vertical) backbones of buildings used for the commercial-service sectors, thus observing the time required for the installation and providing a final solution with remarkable technical advantages.

Easy

The electric design of the line is achieved in compliance with the product standards.

The rated current of our HPL System is guaranteed at a room average temperature of 40 °C (n.d.r. the Standard requires 35°C).

Protection degree IP55

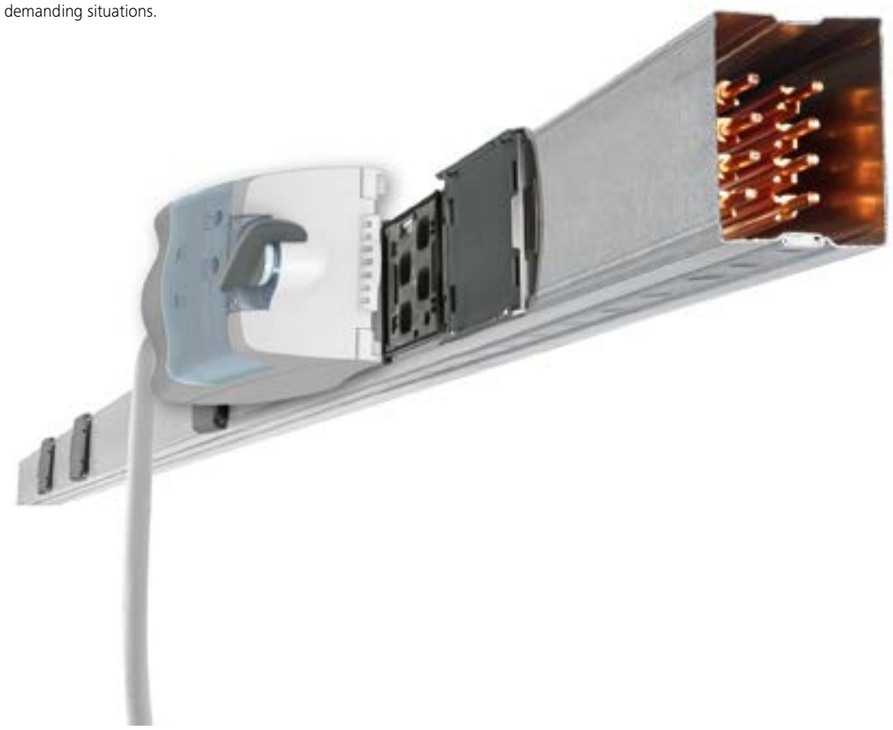
Once the installation of all the accessories has been completed, an IP55 protection degree is ensured. This enables line to be used also in particularly demanding situations.

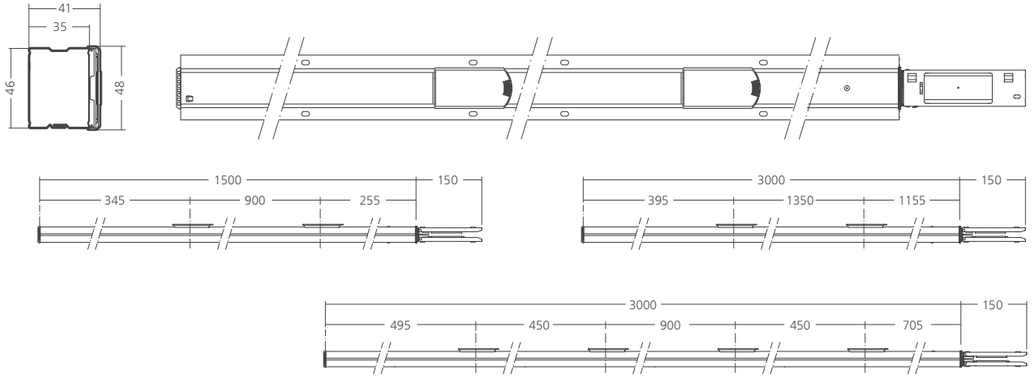
Operating flexibility

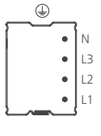
The construction characteristics of this HPL System make it possible for it to be used in a wide range of solutions, from small/medium service sector applications (offices, hotels, sports establishments, shopping centres), up to industrial dwellings (factories, workshops, production plants, ...)

Illumination

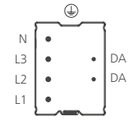
The system is suitable for may types of room lighting lamps. By using the many Plugs available, it is possible to power the lamps or the electric users distributed along the system.







From 25 to 40 A, light and power, the solution that comes from above.



From 25 to 40 A, the trunking system for LMS.

Degree of Protectio IP55
Impact resistance IK07
Rated current In 25-40 A
Material: galvanised steel, thickness 0.45 mm
Weight: 1500 mm / 2 outlets 2.0 kg
3000 mm / 2 outlets 3.6 kg
3000 mm / 4 outlets 3.7 kg

Distance between suspension brackets	Concentrated load	Distributed load	Total weight
1,5 m	40 kg	50 kg/m	75 kg
3 m	20 kg	13 kg/m	39 kg

Can be used for supplying power to light fittings within the service sector, advanced service sector and in most manufacturing industries and extremely fast and simple to install.

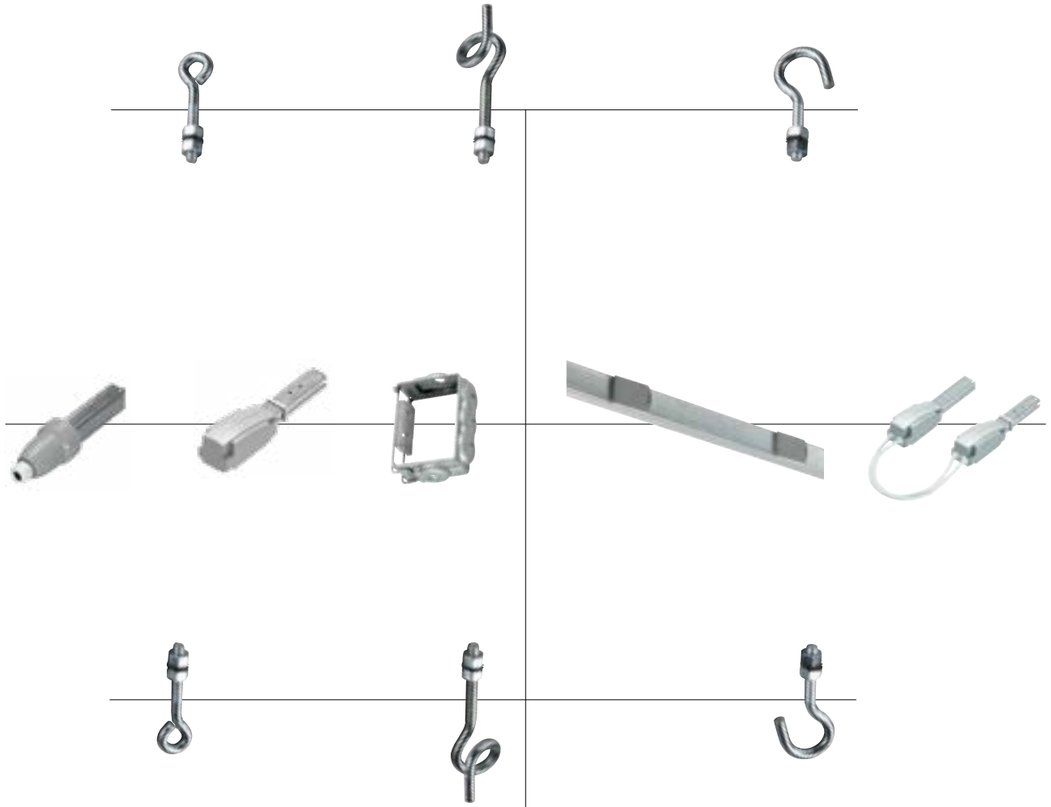
A series of tap-off outlets to accept plug-in units are located on the line. The series outlets are equipped with unlosable outlet covers, in the phase of not using it maintain closed the outlets ensuring a degree of protection IP55 and in the phase of using of outlets, the outlet covers remain in open position.

An electrical joint block for automatically connecting live conductors The connection between two straight lengths is quick: with only one operation to make both the electrical and mechanical connection and at the same time ensures a degree of protection IP55 without the use of additional accessories

The continuity of the protective conductor (casing) is ensured by tightening the special connection screw.



COMPONENT MATRIX



GHADA

GHADA 2



MYAR



COMIR







GRAFIAS

INDEX

ACCESSORIES

Fixing supports

In order to fix the run to the structure of the building, directly or with a steel chain, it is necessary to use a set of special components to achieve any type of suspension, allows a mounting of the duct to the ceiling and wall of a building, will be provided together with the spacer, which is to be removed when the bracket is inserted above the outlet.
The brackets could be mounted everywhere on the line, also in front of an outlet maintaining the IP55 degree of protection of the outlet.





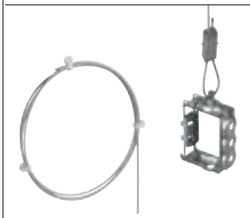
Methods of suspension

1. Suspension with the cable
2. The ring + The hook for light
3. Pigtail for chain
4. The hook











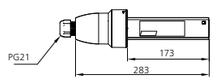


Feed unit 25 A + end cover

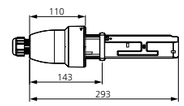
Feed unit is equipped with terminals for connection with copper cables rigid or flexible accessorized with tip lugs or without it, with sections up to 6 mm ².
The entrance point for the cables is located in the back of feed unit and can accept maximum a cable diameter between 12 mm and 18 mm.



RIGHT



LEFT

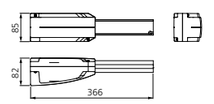


Feed unit 40 A + end cover

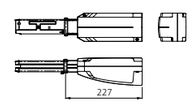
Feed unit is equipped with terminals for connection with copper cables rigid or flexible accessorized with plugs or without it, with sections from 6 mm² to 25 mm².
Inside feed unit there's a small bridge gland cable anti-tearing The entrance point for the cables is located in the back of feed unit and can accept maximum a cable diameter till to 32 mm.
End covers ensure the IP55 degree of protection at the end of the run.



RIGHT



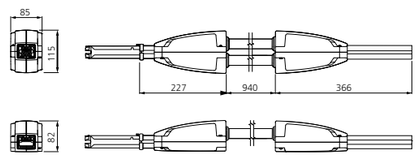
LEFT



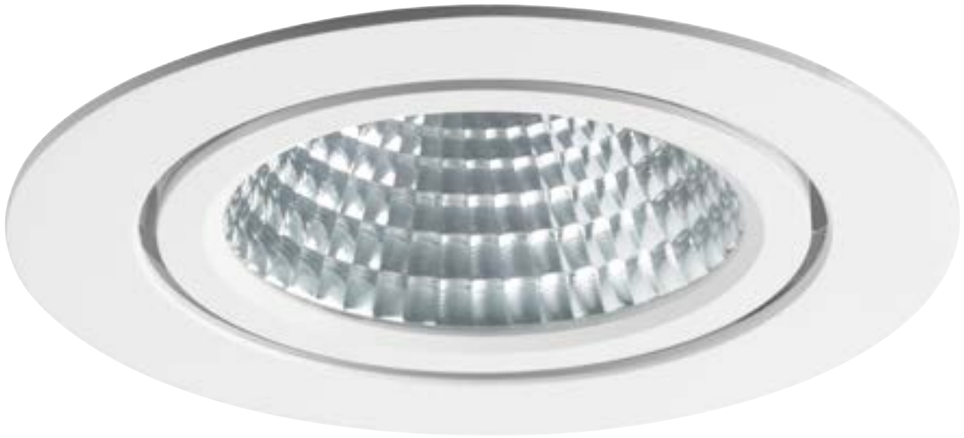
Flexible joint

Used for changing direction or to avoid possible obstacles along the busbar run They have the same quick joint connection as the straight lengths. Similarly, they give a mechanical connection and an IP55 degree of protection with just one operation. The continuity of the protective conductor, made from the casing of the element itself, is ensured by tightening the special connection screw.



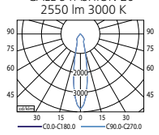


GALE FASHION
FACET
LED

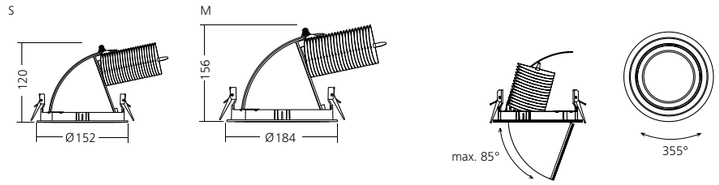


PHOTOMETRY

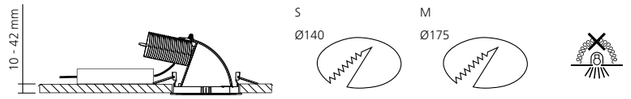
GALE S FASHION 20°
2550 lm 3000 K



LOR = 100%
lower flux fraction 100%
upper flux fraction 0%
UGR <19



MOUNTING











Gale Fashion

220-240V 50-60Hz | LED | CRI 98 Ra | CCT 3000 K | ECG | EDA DALI | IP 20

Colours will retain their quality, including visually pleasing surfaces, colour saturation and chromatic values.

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)
GALE S FASHION	1550	26	60	98	3000	20°/40°/60°	1.0
GALE M FASHION	2300	40	58	98	3000	20°/40°/60°	1.4

Luminous flux tolerance +/- 10%.

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
Trim: die-cast aluminium
Cover: transparent hardened glass
Surface finish
Housing: white RAL 9003 (W03)
Accessories
Exhangeable reflector
Service lifetime
50,000 hours/L80/B50 (ta 25°C)
Ambient temperature
From -25°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: facettiertes eloxiertes Aluminium
Einfassung: Aluminiumdruckguss
Abdeckung: durchsichtig gehärteter Glas
Oberflächenveredelung
Körper: weiss RAL 9003 (W03)
Zubehör
Austauschbare Reflektor
Lebensdauer
50,000 Stunden/L80/B50 (ta 25°C)
Umgebungstemperatur
Von -25°C bis +35 °C

FR

Montage
Plafonnier encastrable
Source lumineuse
LED
Système optique
Facett réflecteur (FRE)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Matériels
Corps: aluminium moulé sous pression
Réflecteur: aluminium à l'aspect anodisé
Moulure: aluminium moulé sous pression
Couvercle: verre trempé transparente
Finition de surface
Corps: blanc RAL 9003 (W03)
Accessoires
Réflecteur échangeables
Durée de vie utile
50,000 heures/L80/B50 (ta 25°C)
Température ambiante
De -25 °C à +35 °C

SK

Montáž
Vsadené
Svetelný zdroj
LED
Optický systém
Fazetový reflektor (FRE)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Materiál
Teleso: hliníkový odliatok
Reflektor: anodizovaný fazetový hliník
Obruč: hliníkový odliatok
Kryt: transparentné tvrdené sklo
Povrchová úprava
Teleso: biela RAL 9003 (W03)
Príslušenstvo
Vymeniteľný reflektor
Servisná životnosť
50,000 hodín/L80/B50 (ta 25°C)
Teplota okolia
Od -25 °C do +35 °C

ES

Montaje
Empotradas en el techo
Fuente lumínica
LED
Sistema óptico
Reflector facetado (FRE)
Cableado
Equipo de control electronico FIX/DALI (ECG/EDA)
Material
Cuerpo: aluminio moldeado
Reflector: aluminio anodizado facetado
Reborde: aluminio presofundido
Cubierta: cristal endurecido transparente
Tratamiento de la superficie
Cuerpo: blanco RAL 9003 (W03)
Accesorios
Reflectore intercambiables
Vida útil
50,000 horas/L80/B50 (ta 25°C)
Temperatura ambiente
Desde -25 °C a +35 °C

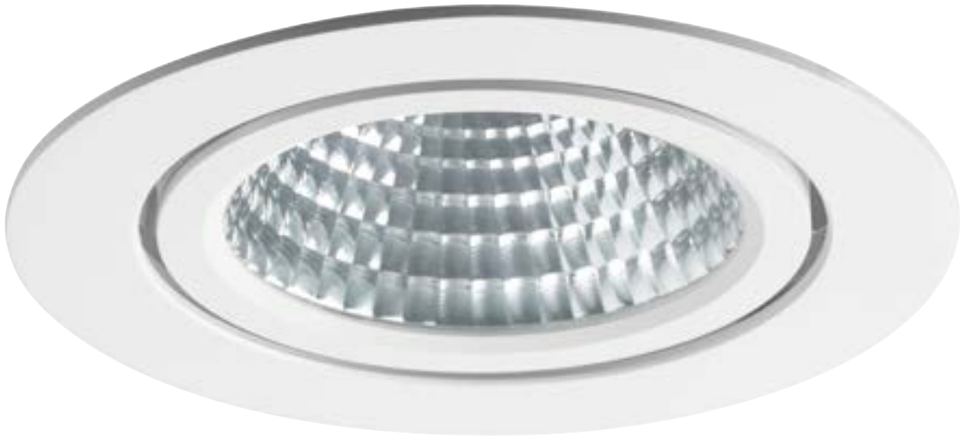
IT

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
Profilo: pressofusione di alluminio
Copertura: vetro temperato trasparente
Finitura
Corpo: bianco RAL 9003 (W03)
Accessori
Riflettore intercambiabili
Durata di vita
50,000 ore/L80/B50 (ta 25°C)
Temperatura d'ambiente
Da -25 °C a +35 °C

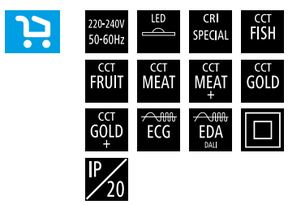
RU

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
Накладка: литой алюминий
Крышка: чистое закаленное стекло
Отделка поверхности
Накладка: белый RAL 9003 (W03)
Аксессуары
Сменная отражатели
Срок службы
50,000 часов/L80/B50 (ta 25°C)
Температура окружающей среды
От -25°C до +35 °C

GALE FOOD
FACET
LED



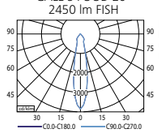
Gale Food



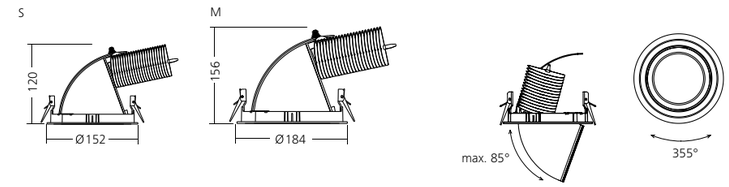
Colours will retain their original quality, including visual colour saturation and chromatic values.

PHOTOMETRY

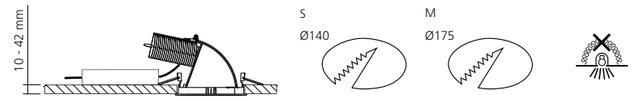
GALE S FOOD 20°
2450 lm FISH



LOR = 100%
lower flux fraction 100%
upper flux fraction 0%
UGR <19



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)
GALE S FOOD	2450	28	88	SPECIAL	FISH	20°/40°/60°	1.0
GALE S FOOD	2050	28	73	SPECIAL	FRUIT	20°/40°/60°	1.0
GALE S FOOD	1350	28	48	SPECIAL	MEAT	20°/40°/60°	1.0
GALE S FOOD	1450	28	52	SPECIAL	MEAT+	20°/40°/60°	1.0
GALE S FOOD	2150	28	77	SPECIAL	GOLD	20°/40°/60°	1.0
GALE S FOOD	1550	28	55	SPECIAL	GOLD+	20°/40°/60°	1.0
GALE M FOOD	2750	34	81	SPECIAL	FISH	20°/40°/60°	1.4
GALE M FOOD	2500	34	74	SPECIAL	FRUIT	20°/40°/60°	1.4
GALE M FOOD	1550	34	46	SPECIAL	MEAT	20°/40°/60°	1.4
GALE M FOOD	1700	34	50	SPECIAL	MEAT+	20°/40°/60°	1.4
GALE M FOOD	2500	34	74	SPECIAL	GOLD	20°/40°/60°	1.4
GALE M FOOD	1750	34	51	SPECIAL	GOLD+	20°/40°/60°	1.4

Luminous flux tolerance +/- 10%.









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
Trim: die-cast aluminium
Cover: transparent hardened glass
Surface finish
Housing: white RAL 9003 (W03)
Accessories
Exhangeable reflector
Service lifetime
50,000 hours/L80/B50 (ta 25°C)
Ambient temperature
From -25°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: facettiertes eloxiertes Aluminium
Einfassung: Aluminiumdruckguss
Abdeckung: durchsichtig gehärteter Glas
Oberflächenveredelung
Körper: weiss RAL 9003 (W03)
Zubehör
Austauschbare Reflektor
Lebensdauer
50,000 Stunden/L80/B50 (ta 25°C)
Umgebungstemperatur
Von -25°C bis +35 °C

FR

Montage
Plafonnier encastrable
Source lumineuse
LED
Système optique
Facett réflecteur (FRE)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Matériels
Corps: aluminium moulé sous pression
Réflecteur: aluminium à l'aspect anodisé
Moulure: aluminium moulé sous pression
Couvercle: verre trempé transparente
Finition de surface
Corps: blanc RAL 9003 (W03)
Accessoires
Réflecteur échangeables
Durée de vie utile
50,000 heures/L80/B50 (ta 25°C)
Température ambiante
De -25 °C à +35 °C

SK

Montáž
Vsadené
Svetelný zdroj
LED
Optický systém
Fazetový reflektor (FRE)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Materiál
Teleso: hliníkový odliatok
Reflektor: anodizovaný fazetový hliník
Obruč: hliníkový odliatok
Kryt: transparentné tvrdené sklo
Povrchová úprava
Teleso: biela RAL 9003 (W03)
Príslušenstvo
Vymeniteľný reflektor
Servisná životnosť
50,000 hodín/L80/B50 (ta 25°C)
Teplota okolia
Od -25 °C do +35 °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: aluminio moldeado
Reflector: aluminio anodizado facetado
Reborde: aluminio presofundido
Cubierta: cristal endurecido transparente
Tratamiento de la superficie
Cuerpo: blanco RAL 9003 (W03)
Accesorios
Reflectore intercambiables
Vida útil
50,000 horas/L80/B50 (ta 25°C)
Temperatura ambiente
Desde -25 °C a +35 °C

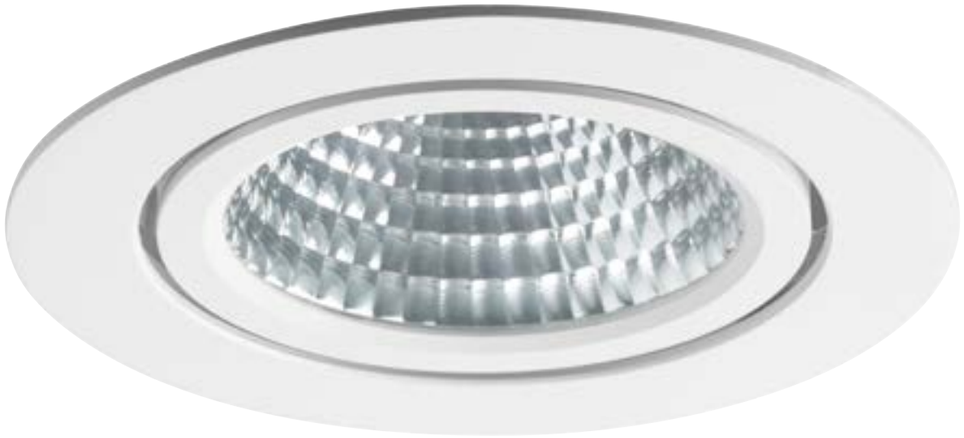
IT

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
Profilo: pressofusione di alluminio
Copertura: vetro temperato trasparente
Finitura
Corpo: bianco RAL 9003 (W03)
Accessori
Riflettore intercambiabili
Durata di vita
50,000 ore/L80/B50 (ta 25°C)
Temperatura d'ambiente
Da -25 °C a +35 °C

RU

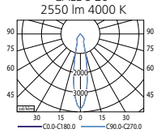
Установка
Потолочная встроенная
Источник света
LED
Оптическая система
РИФЛЕНЫЙ ОТРАЖАТЕЛЬ (FRE)
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Материал
Корпус: литой алюминий
Отражатель: рифленый анодированный алюминий
Накладка: литой алюминий
Крышка: чистое закаленное стекло
Отделка поверхности
Накладка: белый RAL 9003 (W03)
Аксессуары
Сменная отражател
Срок службы
50,000 часов/L80/B50 (ta 25°C)
Температура окружающей среды
От -25°C до +35 °C

GALE
FACET
LED

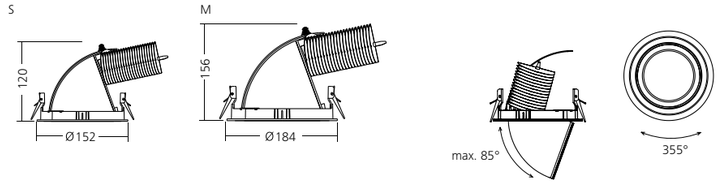


PHOTOMETRY

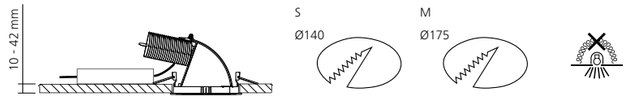
GALE S 20°
2550 lm 4000 K



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



MOUNTING











Gale

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)
GALE S	2300	28	82	90+	3000	20°/40°/60°	1.0
GALE S	2550	28	91	90+	4000	20°/40°/60°	1.0
GALE M	2600	34	76	90+	3000	20°/40°/60°	1.4
GALE M	2850	34	84	90+	4000	20°/40°/60°	1.4

Luminous flux tolerance +/- 10%.

220-240V 50-60Hz · LED · CRI 90+ 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: die-cast aluminium
Reflector: facet anodised aluminium
Trim: die-cast aluminium
Cover: transparent hardened glass
Surface finish
Housing: white RAL 9003 (W03)
Accessories
Exhangeable reflector
Service lifetime
50,000 hours/L80/B50 (ta 25°C)
Ambient temperature
From -25°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: facettiertes eloxiertes Aluminium
Einfassung: Aluminiumdruckguss
Abdeckung: durchsichtig gehärteter Glas
Oberflächenveredelung
Körper: weiss RAL 9003 (W03)
Zubehör
Austauschbare Reflektor
Lebensdauer
50,000 Stunden/L80/B50 (ta 25°C)
Umgebungstemperatur
Von -25°C bis +35 °C

FR

Montage
Plafonnier encastrable
Source lumineuse
LED
Système optique
Facett réflecteur (FRE)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Matériels
Corps: aluminium moulé sous pression
Réflecteur: aluminium à l'aspect anodisé
Moulure: aluminium moulé sous pression
Couvercle: verre trempé transparente
Finition de surface
Corps: blanc RAL 9003 (W03)
Accessoires
Réflecteur échangeables
Durée de vie utile
50,000 heures/L80/B50 (ta 25°C)
Température ambiante
De -25 °C à +35 °C

SK

Montáž
Vsadené
Svetelný zdroj
LED
Optický systém
Fazetový reflektor (FRE)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Materiál
Teleso: hliníkový odliatok
Reflektor: anodizovaný fazetový hliník
Obruč: hliníkový odliatok
Kryt: transparentné tvrdené sklo
Povrchová úprava
Teleso: biela RAL 9003 (W03)
Príslušenstvo
Vymeniteľný reflektor
Servisná životnosť
50,000 hodín/L80/B50 (ta 25°C)
Teplota okolia
Od -25 °C do +35 °C

ES

Montaje
Empotradas en el techo
Fuente lumínica
LED
Sistema óptico
Reflector facetado (FRE)
Cableado
Equipo de control electronico FIX/DALI (ECG/EDA)
Material
Cuerpo: aluminio moldeado
Reflector: aluminio anodizado facetado
Reborde: aluminio presofundido
Cubierta: cristal endurecido transparente
Tratamiento de la superficie
Cuerpo: blanco RAL 9003 (W03)
Accesorios
Reflectore intercambiables
Vida útil
50,000 horas/L80/B50 (ta 25°C)
Temperatura ambiente
Desde -25 °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
Profilo: pressofusione di alluminio
Copertura: vetro temperato trasparente
Finitura
Corpo: bianco RAL 9003 (W03)
Accessori
Riflettore intercambiabili
Durata di vita
50,000 ore/L80/B50 (ta 25°C)
Temperatura d'ambiente
Da -25 °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
Накладка: литой алюминий
Крышка: чистое закаленное стекло
Отделка поверхности
Накладка: белый RAL 9003 (W03)
Аксессуары
Сменная отражател
Срок службы
50,000 часов/L80/B50 (ta 25°C)
Температура окружающей среды
От -25°C до +35 °C

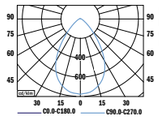
PRETTUS XS
POLISHED
LED



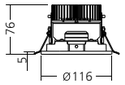
Prettus XS

PHOTOMETRY

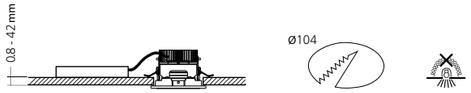
PRETTUS XS PRT
850 lm 4000 K



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



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	8	100	80+	3000	60°	0.5
PRETTUS XS PRE	850	8	106	80+	4000	60°	0.5
PRETTUS XS PRE	1100	11	100	80+	3000	60°	0.5
PRETTUS XS PRE	1150	11	105	80+	4000	60°	0.5
PRETTUS XS PRT	750	8	94	80+	3000	60°	0.5
PRETTUS XS PRT	800	8	100	80+	4000	60°	0.5
PRETTUS XS PRT	1050	11	95	80+	3000	60°	0.5
PRETTUS XS PRT	1100	11	100	80+	4000	60°	0.5
PRETTUS XS PRO	450	8	56	80+	3000	84°	0.5
PRETTUS XS PRO	500	8	63	80+	4000	84°	0.5
PRETTUS XS PRO	650	11	59	80+	3000	84°	0.5
PRETTUS XS PRO	700	11	64	80+	4000	84°	0.5

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)

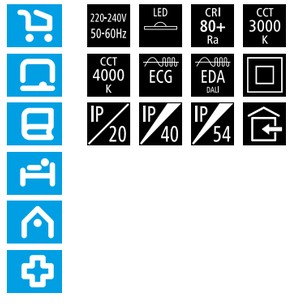


WHITE ANODISED REFLECTOR AND TRANSPARENT COVER (WRT)









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/B10 (ta 25°C)
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: mikroprismatisches PMMA
Einfassung: Aluminiumdruckguss
Reflektor: poliertes eloxiertes Aluminium
Abdeckung: durchsichtiger/opaler PMMA
Oberflächenveredelung
Einfassung: weiss RAL 9003 (W03)
Lebensdauer
50,000 Stunden/L80/B10 (ta 25°C)
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
Finition de surface
Moulure: blanc RAL 9003 (W03)
Durée de vie utile
50,000 heures/L80/B10 (ta 25°C)
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/Biely reflektor
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Materiál
Teleso: oceľový plech
Difúzor: mikroprizmatický 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/B10 (ta 25°C)
Teplota okolia
Od -20 °C do +35 °C

ES

Montaje
Empotradas en el techo
Fuente lumínica
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)
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/B10 (ta 25°C)
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 transparente (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/B10 (ta 25°C)
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/B10 (ta 25°C)
Температура окружающей среды
От -20 °C до +35 °C

PRETTUS XS TRIMLESS

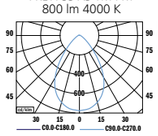
POLISHED

LED

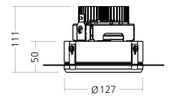


PHOTOMETRY

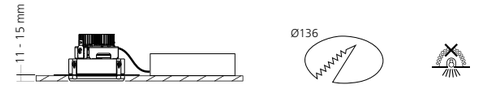
PRETTUS XS TM PRT
800 lm 4000 K



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



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)







COMMERCIAL LED LUMINAIRES

Prettus XS Trimless

220-240V 50-60Hz | LED | CRI 80+ Ra | CCT 3000 K

CCT 4000 K | ECG | EDA DALI | IP20 | IP40 | IP54

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/B10 (ta 25°C)
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: mikroprismatisches PMMA
Einfassung: Aluminiumdruckguss
Reflektor: poliertes eloxiertes Aluminium
Abdeckung: durchsichtiger/opaler PMMA
Einputzeinfassung: Aluminiumprofil
Oberflächenveredelung
Einfassung: weiss RAL 9003 (W03)
Lebensdauer
50,000 Stunden/L80/B10 (ta 25°C)
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
Collerette à plâtrer: aluminium profilé
Finition de surface
Moulure: blanc RAL 9003 (W03)
Durée de vie utile
50,000 heures/L80/B10 (ta 25°C)
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/Biely reflektor
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Materiál
Teleso: oceľový plech
Difúzor: mikroprizmatický 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/B10 (ta 25°C)
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 electronico 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: perfi de aluminio
Tratamiento de la superficie
Reborde: blanco RAL 9003 (W03)
Vida útil
50,000 horas/L80/B10 (ta 25°C)
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 transparente (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/B10 (ta 25°C)
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
Гипсокартонная накладка: алюминиевый профиль
Отделка поверхности
Накладка: белый RAL 9003 (W03)
Срок службы
50,000 часов/L80/B10 (ta 25°C)
Температура окружающей среды
От -20 °C до +35 °C

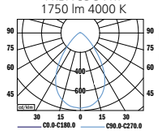
PRETTUS S
POLISHED
LED



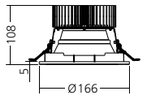
Prettus S

PHOTOMETRY

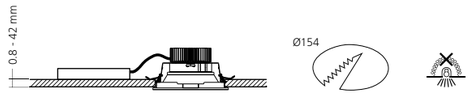
PRETTUS S PRT
1750 lm 4000 K



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



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)







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/B10 (ta 25°C)
Ambient temperature
From -20 °C to +35 °C
(from +5°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: mikroprismatisches PMMA
Einfassung: Aluminiumdruckguss
Reflektor: poliertes eloxiertes Aluminium
Abdeckung: durchsichtiger/opaler PMMA
Oberflächenveredelung
Einfassung: weiss RAL 9003 (W03)
Lebensdauer
50,000 Stunden/L80/B10 (ta 25°C)
Umgebungstemperatur
Von -20 °C bis +35 °C
(von +5°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
Réflecteur: aluminium anodisé poli
Couvercle: PMMA transparente/opale
Finition de surface
Moulure: blanc RAL 9003 (W03)
Durée de vie utile
50,000 heures/L80/B10 (ta 25°C)
Température ambiante
De -20 °C à +35 °C
(de +5°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/Biely reflektor
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Varianta s núdzovou jednotkou (3H)
Materiál
Teleso: oceľový plech
Difúzor: mikroprizmatický 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/B10 (ta 25°C)
Teplota okolia
Od -20 °C do +35 °C
(od +5°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 electronico FIX/DALI (ECG/EDA)
Variante unitad 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/B10 (ta 25°C)
Temperatura ambiente
Desde -20 °C a +35 °C
(desde +5°C con unidad de emergencia)

IT

Installazione
Ad incasso a soffitto
Sorgente luminosa
LED
Sistema ottico
Riflettore lucido (PRE)
Riflettore lucido + copertura transparente (PRT)
Riflettore lucido + copertura opale (PRO)
Su richiesta
Riflettore opaco/bianco
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Variante unitá 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/B10 (ta 25°C)
Temperatura d'ambiente
Da -20 °C a +35 °C
(da +5°C con unitá 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/B10 (ta 25°C)
Температура окружающей среды
От -20 °C до +35 °C
(от +5°C с аварийного освещения)

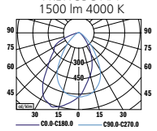
PRETTUS S ASYM
POLISHED
LED



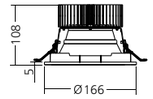
Prettus S Asym

PHOTOMETRY

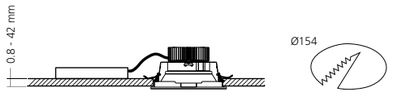
PRETTUS S APT
1500 lm 4000 K



LOR = 100%
lower flux fraction 100%
upper flux fraction 0%



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%

POLISHED ASYMMETRIC REFLECTOR AND TRANSPARENT COVER (APT)



MATT ASYMMETRIC REFLECTOR AND TRANSPARENT COVER (AMT)







220-240V 50-60Hz | LED | CRI 80+ Ra | CCT 3000 K | CCT 4000 K | ECG | EDA DALI | IP20 | IP54

EN

Mounting
Ceiling recessed
Light source
LED
Optical system
Asym. polished reflector + transp. cover (APT)
On request
Matt 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/B10 (ta 25°C)
Ambient temperature
From -20 °C to +35 °C

DE

Montage
Einbauleuchte
Lichtquelle
LED
Optisches System
Asym. polierter Ref.+ durchsichtige Abdeckung (APT)
Auf Anfrage
Matter Reflektor
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Material
Körper: Stahlblech
Diffusor: mikroprismatisches PMMA
Einfassung: Aluminiumdruckguss
Reflektor: poliertes eloxiertes Aluminium
Abdeckung: durchsichtiger PMMA
Oberflächenveredelung
Einfassung: weiss RAL 9003 (W03)
Lebensdauer
50,000 Stunden/L80/B10 (ta 25°C)
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
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/B10 (ta 25°C)
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 reflektor
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Materiál
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/B10 (ta 25°C)
Teplota okolia
Od -20 °C do +35 °C

ES

Montaje
Empotradas en el techo
Fuente lumínica
LED
Sistema óptico
Ref. asim. pulido + cubierta transparente (APT)
A petición
Reflector mate
Cableado
Equipo de control electronico 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/B10 (ta 25°C)
Temperatura ambiente
Desde -20 °C a +35 °C

IT

Installazione
Ad incasso a soffitto
Sorgente luminosa
LED
Sistema ottico
Rif. asim. lucido + copertura transparente (APT)
Su richiesta
Riflettore opaco
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/B10 (ta 25°C)
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 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/B10 (ta 25°C)
Температура окружающей среды
От -20 °C до +35 °C

PRETTUS S TRIMLESS

POLISHED

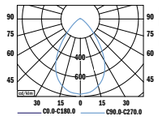
LED



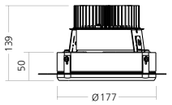
Prettus S Trimless

PHOTOMETRY

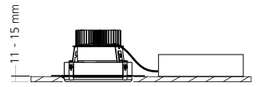
PRETTUS S TM PRT
1700 lm 4000 K



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



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 TM PRE	1300	15	87	80+	3000	69°	1.2
PRETTUS S TM PRE	1400	15	93	80+	4000	69°	1.2
PRETTUS S TM PRE	1750	19	92	80+	3000	69°	1.2
PRETTUS S TM PRE	1850	19	97	80+	4000	69°	1.2
PRETTUS S TM PRT	1200	15	80	80+	3000	69°	1.2
PRETTUS S TM PRT	1300	15	87	80+	4000	69°	1.2
PRETTUS S TM PRT	1600	19	84	80+	3000	69°	1.2
PRETTUS S TM PRT	1700	19	89	80+	4000	69°	1.2
PRETTUS S TM PRO	1150	15	77	80+	3000	73°	1.3
PRETTUS S TM PRO	1250	15	83	80+	4000	73°	1.3
PRETTUS S TM PRO	1550	19	82	80+	3000	73°	1.3
PRETTUS S TM PRO	1650	19	87	80+	4000	73°	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)







220-240V 50-60Hz | LED | CRI 80+ Ra | CCT 3000 K | CCT 4000 K | ECG | EDA DALI | IP20 | IP40 | IP54

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/B10 (ta 25°C)
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: mikroprismatisches PMMA
Einfassung: Aluminiumdruckguss
Reflektor: poliertes eloxiertes Aluminium
Abdeckung: durchsichtiger/opaler PMMA
Einputzeinfassung: Aluminiumprofil
Oberflächenveredelung
Einfassung: weiss RAL 9003 (W03)
Lebensdauer
50,000 Stunden/L80/B10 (ta 25°C)
Umgebungstemperatur
Von -2+5°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
Collerette à plâtrer: aluminium profilé
Finition de surface
Moulure: blanc RAL 9003 (W03)
Durée de vie utile
50,000 heures/L80/B10 (ta 25°C)
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/Biely reflektor
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Materiál
Teleso: oceľový plech
Difúzor: mikroprizmatický 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/B10 (ta 25°C)
Teplota okolia
Od -20 °C do +35 °C

ES

Montaje
Empotradas en el techo
Fuente luminosa
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)
Material
Cuerpo: lámina de acero
Difusor: microprismático PMMA
Reborde: aluminio presofundido
Reflector: aluminio anodizado pulido
Cubierta: PMMA transparente/ópalo
Aro para empotrar en yeso: perfi de aluminio
Tratamiento de la superficie
Reborde: blanco RAL 9003 (W03)
Vida útil
50,000 horas/L80/B10 (ta 25°C)
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 transparente (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/B10 (ta 25°C)
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
Гипсокартонная накладка: алюминиевый профиль
Отделка поверхности
Накладка: белый RAL 9003 (W03)
Срок службы
50,000 часов/L80/B10 (ta 25°C)
Температура окружающей среды
От -20 °C до +35 °C

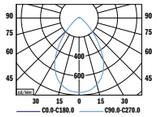
PRETTUS S SURFACED
POLISHED
LED



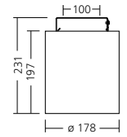
Prettus S Surfaced

PHOTOMETRY

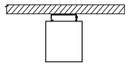
PRETTUS S SFD PRT
1750 lm 4000 K



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



MOUNTING



POLISHED REFLECTOR AND TRANSPARENT COVER (PRT)



POLISHED REFLECTOR AND OPAL COVER (PRO)



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%

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/B10 (ta 25°C) - 15 W
50,000 hours/L80/B20 (ta 25°C) - 19W
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: mikroprismatisches PMMA
Reflektor: polierteseloxiertes Aluminium
Abdeckung: durchsichtiger/opaler PMMA
Oberflächenveredelung
Körper: weiss RAL 9003 (W03)
Lebensdauer
50,000 Stunden/L80/B10 (ta 25°C) - 15 W
50,000 Stunden/L80/B20 (ta 25°C) - 19W
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 microprismatique
Réflecteur: aluminium anodisé poli
Couvercle: PMMA transparente/opale
Finition de surface
Corps: blanc RAL 9003 (W03)
Durée de vie utile
50,000 heures/L80/B10 (ta 25°C) - 15 W
50,000 heures/L80/B20 (ta 25°C) - 19W
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)
Materiál
Teleso: extrudovaný hliník + oceľový plech
Difúzor: mikroprizmatický PMMA
Reflektor: leštený anodizovaný hliník
Kryt: transparentný/opálový PMMA
Povrchová úprava
Teleso: biela RAL 9003 (W03)
Servisná životnosť
50,000 hodín/L80/B10 (ta 25°C) - 15 W
50,000 hodín/L80/B20 (ta 25°C) - 19W
Teplota okolia
Od -20 °C do +35 °C

ES

Montaje
Sobrepuestas en el techo (SFD)
Fuente lumínica
LED
Sistema óptico
Reflector pulido + cubierta transparente (PRT)
Reflector pulido + cubierta ópala (PRO)
Cableado
Equipo de control electronico FIX/DALI (ECG/EDA)
Material
Cuerpo: aluminio extruido + lámina de acero
Difusor: microprismático PMMA
Reflector: aluminio anodizado pulido
Cubierta: PMMA transparente/ópalo
Tratamiento de la superficie
Cuerpo: blanco RAL 9003 (W03)
Vida útil
50,000 horas/L80/B10 (ta 25°C) - 15 W
50,000 horas/L80/B20 (ta 25°C) - 19W
Temperatura ambiente
Desde -20 °C a +35 °C

IT

Installazione
A plafone (SFD)
Sorgente luminosa
LED
Sistema ottico
Riflettore lucido + copertura transparente (PRT)
Riflettore lucido + copertura opale (PRO)
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Materiali
Corpo: estruso di alluminio + lamina d´acciaio
Diffusore: microprisma PMMA
Riflettore: alluminio anodizzato lucido
Copertura: PMMA trasparente/opale
Finitura
Corpo: bianco RAL 9003 (W03)
Durata di vita
50,000 ore/L80/B10 (ta 25°C) - 15 W
50,000 ore/L80/B20 (ta 25°C) - 19W
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: микроприз. полиметилметакрилат
Отражатель: шлифованный анодированный алюминий
Крышка: чистая/матовая полиметилметакрилат
Отделка поверхности
Корпус: белый RAL 9003 (W03)
Срок службы
50,000 часов/L80/B10 (ta 25°C) - 15 W
50,000 часов/L80/B20 (ta 25°C) - 19W
Температура окружающей среды
От -20 °C до +35 °C

PRETTUS S SUSPENDED

POLISHED

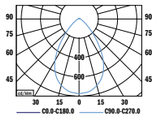
LED



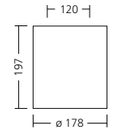
Prettus S Suspended

PHOTOMETRY

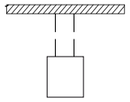
PRETTUS S SSD PRT
1750 lm 4000 K



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



MOUNTING



POLISHED REFLECTOR AND TRANSPARENT COVER (PRT)



POLISHED REFLECTOR AND OPAL COVER (PRO)





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%

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

EN

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/B10 (ta 25°C) - 15 W
50,000 hours/L80/B20 (ta 25°C) - 19W
Ambient temperature
From -20 °C to +35 °C

DE

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: mikroprismatisches PMMA
Reflektor: polierteseloxiertes Aluminium
Abdeckung: durchsichtiger/opaler PMMA
Seilaufhängung
Oberflächenveredelung
Körper: weiss RAL 9003 (W03)
Lebensdauer
50,000 Stunden/L80/B10 (ta 25°C) - 15 W
50,000 Stunden/L80/B20 (ta 25°C) - 19W
Umgebungstemperatur
Von -20 °C bis +35 °C

FR

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 microprismatique
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/B10 (ta 25°C) - 15 W
50,000 heures/L80/B20 (ta 25°C) - 19W
Température ambiante
De -20 °C à +35 °C

SK

Montáž
Závesné (SSD)
Svetelný zdroj
LED
Optický systém
Leštený reflektor + transparentný kryt (PRT)
Leštený reflektor + opálový kryt (PRO)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Materiál
Teleso: extrudovaný hliník + oceľový plech
Difúzor: mikroprizmatický PMMA
Reflektor: leštený anodizovaný hliník
Kryt: transparentný/opálový PMMA
Lankový záves
Povrchová úprava
Teleso: biela RAL 9003 (W03)
Servisná životnosť
50,000 hodín/L80/B10 (ta 25°C) - 15 W
50,000 hodín/L80/B20 (ta 25°C) - 19W
Teplota okolia
Od -20 °C do +35 °C

ES

Montaje
Suspendidas (SSD)
Fuente lumínica
LED
Sistema óptico
Reflector pulido + cubierta transparente (PRT)
Reflector pulido + cubierta ópala (PRO)
Cableado
Equipo de control electronico FIX/DALI (ECG/EDA)
Material
Cuerpo: aluminio extruido + lámina de acero
Difusor: microprismático 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/B10 (ta 25°C) - 15 W
50,000 horas/L80/B20 (ta 25°C) - 19W
Temperatura ambiente
Desde -20 °C a +35 °C

IT

Installazione
A sospensione (SSD)
Sorgente luminosa
LED
Sistema ottico
Riflettore lucido + copertura transparente (PRT)
Riflettore lucido + copertura opale (PRO)
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Materiali
Corpo: estruso di alluminio + lamina d'acciaio
Diffusore: microprisma 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/B10 (ta 25°C) - 15 W
50,000 ore/L80/B20 (ta 25°C) - 19W
Temperatura d'ambiente
Da -20 °C a +35 °C

RU

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: микроприз. полиметилметакрилат
Отражатель: шлифованный анодированный алюминий
Крышка: чистая/матовая полиметилметакрилат
Тросовый подвес
Отделка поверхности
Корпус: белый RAL 9003 (W03)
Срок службы
50,000 часов/L80/B10 (ta 25°C) - 15 W
50,000 часов/L80/B20 (ta 25°C) - 19W
Температура окружающей среды
От -20 °C до +35 °C

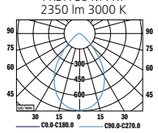
PRETTUS M
POLISHED
LED



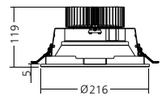
Prettus M

PHOTOMETRY

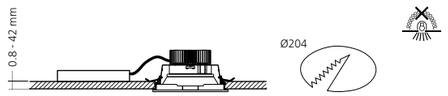
PRETTUS M PRT
2350 lm 3000 K



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



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	2450	24	102	80+	3000	72°	380	0.9
PRETTUS M PRE	2550	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 | IP20 | IP40 | IP54

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/B10 (ta 25°C)
Ambient temperature
From -20 °C to +35 °C
(from +5°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: mikroprismatisches PMMA
Einfassung: Aluminiumdruckguss
Reflektor: poliertes eloxiertes Aluminium
Abdeckung: durchsichtiger/opaler PMMA
Oberflächenveredelung
Einfassung: weiss RAL 9003 (W03)
Lebensdauer
50,000 Stunden/L80/B10 (ta 25°C)
Umgebungstemperatur
Von -20 °C bis +35 °C
(von +5°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
Réflecteur: aluminium anodisé poli
Couvercle: PMMA transparente/opale
Finition de surface
Moulure: blanc RAL 9003 (W03)
Durée de vie utile
50,000 heures/L80/B10 (ta 25°C)
Température ambiante
De -20 °C à +35 °C
(de +5°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/Biely reflektor
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Varianta s núdzovou jednotkou (3H)
Materiál
Teleso: oceľový plech
Difúzor: mikroprizmatický 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/B10 (ta 25°C)
Teplota okolia
Od -20 °C do +35 °C
(od +5°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 electronico 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/B10 (ta 25°C)
Temperatura ambiente
Desde -20 °C a +35 °C
(desde +5°C con unidad de emergencia)

IT

Installazione
Ad incasso a soffitto
Sorgente luminosa
LED
Sistema ottico
Riflettore lucido (PRE)
Riflettore lucido + copertura transparente (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/B10 (ta 25°C)
Temperatura d'ambiente
Da -20 °C a +35 °C
(da +5°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/B10 (ta 25°C)
Температура окружающей среды
От -20 °C до +35 °C
(от +5°C с аварийного освещения)

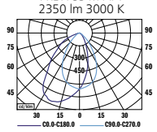
PRETTUS M ASYM
POLISHED
LED

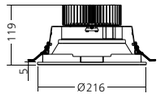


Prettus M Asym

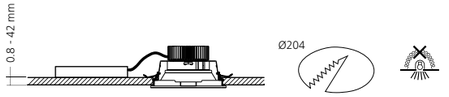
PHOTOMETRY

PRETTUS M APT
2350 lm 3000 K





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)







220-240V 50-60Hz | LED | CRI 80+ Ra | CCT 3000 K | CCT 4000 K | ECG | EDA DALI | IP20 | IP54

EN

Mounting
Ceiling recessed
Light source
LED
Optical system
Asym. polished reflector + transp. cover (APT)
On request
Matt 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/B10 (ta 25°C)
Ambient temperature
From -20 °C to +35 °C

DE

Montage
Einbauleuchte
Lichtquelle
LED
Optisches System
Asym. polierter Ref.+ durchsichtige Abdeckung (APT)
Auf Anfrage
Matter Reflektor
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Material
Körper: Stahlblech
Diffusor: mikroprismatisches PMMA
Einfassung: Aluminiumdruckguss
Reflektor: poliertes eloxiertes Aluminium
Abdeckung: durchsichtiger PMMA
Oberflächenveredelung
Einfassung: weiss RAL 9003 (W03)
Lebensdauer
50,000 Stunden/L80/B10 (ta 25°C)
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
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/B10 (ta 25°C)
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 reflektor
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Materiál
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/B10 (ta 25°C)
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
Cableado
Equipo de control electronico 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/B10 (ta 25°C)
Temperatura ambiente
Desde -20 °C a +35 °C

IT

Installazione
Ad incasso a soffitto
Sorgente luminosa
LED
Sistema ottico
Rif. asim. lucido + copertura transparente (APT)
Su richiesta
Riflettore opaco
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/B10 (ta 25°C)
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 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/B10 (ta 25°C)
Температура окружающей среды
От -20 °C до +35 °C

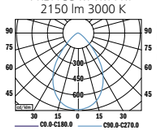
PRETTUS M TRIMLESS
POLISHED
LED



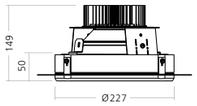
Prettus M Trimless

PHOTOMETRY

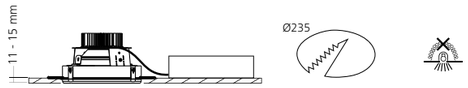
PRETTUS M TM PRT
2150 lm 3000 K



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



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 M TM PRE	1850	19	97	80+	3000	72°	1.8
PRETTUS M TM PRE	1950	19	103	80+	4000	72°	1.8
PRETTUS M TM PRE	2400	24	100	80+	3000	72°	1.8
PRETTUS M TM PRE	2500	24	104	80+	4000	72°	1.8
PRETTUS M TM PRE	2850	29	98	80+	3000	72°	1.8
PRETTUS M TM PRE	3000	29	103	80+	4000	72°	1.8
PRETTUS M TM PRT	1750	19	92	80+	3000	72°	2.0
PRETTUS M TM PRT	1850	19	97	80+	4000	72°	2.0
PRETTUS M TM PRT	2150	24	90	80+	3000	72°	2.0
PRETTUS M TM PRT	2300	24	96	80+	4000	72°	2.0
PRETTUS M TM PRT	2650	29	91	80+	3000	72°	2.0
PRETTUS M TM PRT	2800	29	97	80+	4000	72°	2.0
PRETTUS M TM PRO	1700	19	89	80+	3000	74°	2.0
PRETTUS M TM PRO	1800	19	95	80+	4000	74°	2.0
PRETTUS M TM PRO	2100	24	88	80+	3000	74°	2.0
PRETTUS M TM PRO	2250	24	94	80+	4000	74°	2.0
PRETTUS M TM PRO	2600	29	90	80+	3000	74°	2.0
PRETTUS M TM PRO	2750	29	95	80+	4000	74°	2.0

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 | IP20 | IP40 | IP54

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/B10 (ta 25°C)
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: mikroprismatisches PMMA
Einfassung: Aluminiumdruckguss
Reflektor: poliertes eloxiertes Aluminium
Abdeckung: durchsichtiger/opaler PMMA
Einputzeinfassung: Aluminiumprofil
Oberflächenveredelung
Einfassung: weiss RAL 9003 (W03)
Lebensdauer
50,000 Stunden/L80/B10 (ta 25°C)
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
Collerette à plâtrer: aluminium profilé
Finition de surface
Moulure: blanc RAL 9003 (W03)
Durée de vie utile
50,000 heures/L80/B10 (ta 25°C)
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/Biely reflektor
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Materiál
Teleso: oceľový plech
Difúzor: mikroprizmatický 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/B10 (ta 25°C)
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 electronico 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: perfi de aluminio
Tratamiento de la superficie
Reborde: blanco RAL 9003 (W03)
Vida útil
50,000 horas/L80/B10 (ta 25°C)
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 transparente (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/B10 (ta 25°C)
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
Гипсокартонная накладка: алюминиевый профиль
Отделка поверхности
Накладка: белый RAL 9003 (W03)
Срок службы
50,000 часов/L80/B10 (ta 25°C)
Температура окружающей среды
От -20 °C до +35 °C

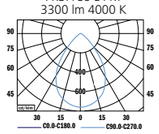
PRETTUS L
POLISHED
LED



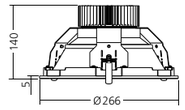
Prettus L

PHOTOMETRY

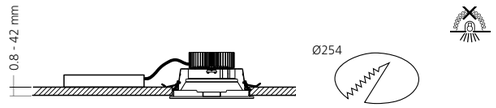
PRETTUS L PRT
3300 lm 4000 K



LOR = 100%
lower flux fraction 100%
upper flux fraction 0%
UGR <19



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)







220-240V 50-60Hz | LED | CRI 80+ Ra | CCT 3000 K | CCT 4000 K | ECG | EDA DALI | EMERGENCY | IP20 | IP40 | IP54

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/B10 (ta 25°C)
Ambient temperature
From -20 °C to +35 °C
(from +5°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: mikroprismatisches PMMA
Einfassung: Aluminiumdruckguss
Reflektor: poliertes eloxiertes Aluminium
Abdeckung: durchsichtiger/opaler PMMA
Oberflächenveredelung
Einfassung: weiss RAL 9003 (W03)
Lebensdauer
50,000 Stunden/L80/B10 (ta 25°C)
Umgebungstemperatur
Von -20 °C bis +35 °C
(von +5°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
Réflecteur: aluminium anodisé poli
Couvercle: PMMA transparente/opale
Finition de surface
Moulure: blanc RAL 9003 (W03)
Durée de vie utile
50,000 heures/L80/B10 (ta 25°C)
Température ambiante
De -20 °C à +35 °C
(de +5°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/Biely reflektor
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Varianta s núdzovou jednotkou (3H)
Materiál
Teleso: oceľový plech
Difúzor: mikroprizmatický 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/B10 (ta 25°C)
Teplota okolia
Od -20 °C do +35 °C
(od +5°C s núdzovou jednotkou)

ES

Montaje
Empotradas en el techo
Fuente lumínica
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: 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/B10 (ta 25°C)
Temperatura ambiente
Desde -20 °C a +35 °C
(desde +5°C con unidad de emergencia)

IT

Installazione
Ad incasso a soffitto
Sorgente luminosa
LED
Sistema ottico
Riflettore lucido (PRE)
Riflettore lucido + copertura transparente (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/B10 (ta 25°C)
Temperatura d'ambiente
Da -20 °C a +35 °C
(da +5°C con unità di emergenza)

RU

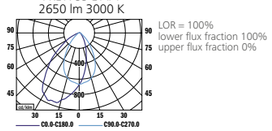
Установка
Потолочная встроенная
Источник света
LED
Оптическая система
Шлифованный отражатель (PRE)
Шлифованный отражатель + чистая крышка (PRT)
Шлифованный отражатель + чистая крышка (PRO)
По запросу
Матовый/Белый отражатель
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Блок аварийного 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/B10 (ta 25°C)
Температура окружающей среды
От -20 °C до +35 °C
(от +5°C с аварийного освещения)

PRETTUS L ASYM
POLISHED
LED

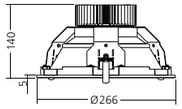


PHOTOMETRY

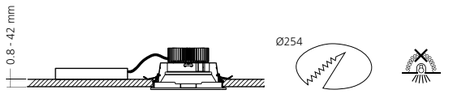
PRETTUS L APT
2650 lm 3000 K



LOR = 100%
lower flux fraction 100%
upper flux fraction 0%



MOUNTING



POLISHED ASYMMETRIC REFLECTOR AND TRANSPARENT COVER (APT)



MATT ASYMMETRIC REFLECTOR AND TRANSPARENT COVER (AMT)







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%

Prettus L Asym

220-240V 50-60Hz · LED · CRI 80+ Ra · CCT 3000 K · CCT 4000 K · ECG · EDA DALI · IP20 · IP54

EN

Mounting
Ceiling recessed
Light source
LED
Optical system
Asym. polished reflector + transp. cover (APT)
On request
Matt 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/B10 (ta 25°C)
Ambient temperature
From -20 °C to +35 °C

DE

Montage
Einbauleuchte
Lichtquelle
LED
Optisches System
Asym. polierter Ref.+ durchsichtige Abdeckung (APT)
Auf Anfrage
Matter Reflektor
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Material
Körper: Stahlblech
Diffusor: mikroprismatisches PMMA
Einfassung: Aluminiumdruckguss
Reflektor: poliertes eloxiertes Aluminium
Abdeckung: durchsichtiger PMMA
Oberflächenveredelung
Einfassung: weiss RAL 9003 (W03)
Lebensdauer
50,000 Stunden/L80/B10 (ta 25°C)
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
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/B10 (ta 25°C)
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 reflektor
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Materiál
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/B10 (ta 25°C)
Teplota okolia
Od -20 °C do +35 °C

ES

Montaje
Empotradas en el techo
Fuente lumínica
LED
Sistema óptico
Ref. asim. pulido + cubierta transparente (APT)
A petición
Reflector mate
Cableado
Equipo de control electronico 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/B10 (ta 25°C)
Temperatura ambiente
Desde -20 °C a +35 °C

IT

Installazione
Ad incasso a soffitto
Sorgente luminosa
LED
Sistema ottico
Rif. asim. lucido + copertura transparente (APT)
Su richiesta
Riflettore opaco
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/B10 (ta 25°C)
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 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/B10 (ta 25°C)
Температура окружающей среды
От -20 °C до +35 °C

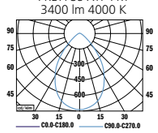
PRETTUS XTP
POLISHED
LED



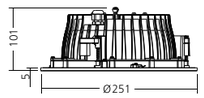
Prettus XTP

PHOTOMETRY

PRETTUS XTP PRT
3400 lm 4000 K



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



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	2700	30	90	80+	3000	74°	2.0
PRETTUS XTP PRO ECG	2850	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)









220-240V 50-60Hz | LED | CRI 80+ Ra | CCT 3000 K | CCT 4000 K | ECG | EDA DALI | IP65

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/B10 (ta 25°C)
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: mikroprismatisches PMMA
Einfassung: Aluminiumdruckguss
Reflektor: poliertes eloxiertes Aluminium
Abdeckung: durchsichtiger/opaler Glas
Oberflächenveredelung
Einfassung: weiss RAL 9003 (W03)
Lebensdauer
50,000 Stunden/L80/B10 (ta 25°C)
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/B10 (ta 25°C)
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/Biely reflektor
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Materiál
Teleso: hliníkový odliatok
Difúzor: mikroprizmatický 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/B10 (ta 25°C)
Teplota okolia
Od -20 °C do +35 °C

ES

Montaje
Empotradas en el techo
Fuente lumínica
LED
Sistema óptico
Reflector pulido + cubierta transparente (PRT)
Reflector pulido + cubierta ópala (PRO)
A petición
Reflector mate/blanco
Cableado
Equipo de control electronico 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/B10 (ta 25°C)
Temperatura ambiente
Desde -20 °C a +35 °C

IT

Installazione
Ad incasso a soffitto
Sorgente luminosa
LED
Sistema ottico
Riflettore lucido + copertura transparente (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/B10 (ta 25°C)
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: микроприз. 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/B10 (ta 25°C)
Температура окружающей среды
От -20 °C до +35 °C

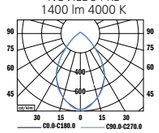
NOVIEL S
POLISHED
LED



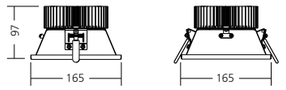
Noviel S

PHOTOMETRY

NOVIEL S PRE
1400 lm 4000 K



LOR = 100%
lower flux fraction 100%
upper flux fraction 0%
UGR < 19



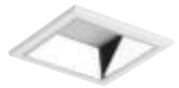
MOUNTING



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	1.0
NOVIEL S PRE	1400	15	93	80+	4000	70°	370	1.0
NOVIEL S PRE	1900	19	100	80+	3000	70°	360	1.0
NOVIEL S PRE	2000	19	105	80+	4000	70°	370	1.0
NOVIEL S PRT	1300	15	87	80+	3000	70°	350	1.1
NOVIEL S PRT	1350	15	90	80+	4000	70°	360	1.1
NOVIEL S PRT	1850	19	97	80+	3000	70°	350	1.1
NOVIEL S PRT	1950	19	103	80+	4000	70°	360	1.1
NOVIEL S PRO	1300	15	87	80+	3000	79°	–	1.1
NOVIEL S PRO	1350	15	90	80+	4000	79°	–	1.1
NOVIEL S PRO	1850	19	97	80+	3000	79°	–	1.1
NOVIEL S PRO	1950	19	103	80+	4000	79°	–	1.1

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)







220-240V 50-60Hz | LED | CRI 80+ Ra | CCT 3000 K | CCT 4000 K | ECG | EDA DALI | EMERGENCY | IP20 | IP40 | IP44

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/B10 (ta 25°C)
Ambient temperature
From -20 °C to +35 °C
(from +5°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/B10 (ta 25°C)
Umgebungstemperatur
Von -20 °C bis +35 °C
(von +5°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/B10 (ta 25°C)
Température ambiante
De -20 °C à +35 °C
(de +5°C avec l'unite 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)
Materiál
Teleso: oceľový plech
Difúzor: mikroprizmatický PMMA
Obruč: oceľový plech
Reflektor: leštený anodizovaný hliník
Kryt: transparentný/opálový PMMA
Povrchová úprava
Obruč: biela RAL 9003 (W03)
Servisná životnosť
50,000 hodín/L80/B10 (ta 25°C)
Teplota okolia
Od -20 °C do +35 °C
(od +5°C s núdzovou jednotkou)

ES

Montaje
Empotradas en el techo
Fuente lumínica
LED
Sistema óptico
Reflector pulido (PRE)
Reflector pulido + cubierta transparente (PRT)
Reflector pulido + cubierta ópala (PRO)
A petición
Reflector mate
Cableado
Equipo de control electronico 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/B10 (ta 25°C)
Temperatura ambiente
Desde -20 °C a +35 °C
(desde +5°C con unidad de emergencia)

IT

Installazione
Ad incasso a soffitto
Sorgente luminosa
LED
Sistema ottico
Riflettore lucido (PRE)
Riflettore lucido + copertura transparente (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/B10 (ta 25°C)
Temperatura d'ambiente
Da -20 °C a +35 °C
(da +5°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: 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/B10 (ta 25°C)
Температура окружающей среды
От -20 °C до +35 °C
(от +5°C с аварийного освещения)

5 YEARS WARRANTY | MAINTENANCE FREE | ECO FRIENDLY | ENERGY SAVING | UV/IR | EEC A++/A+/A

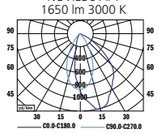
NOVIEL S ASYM
POLISHED
LED



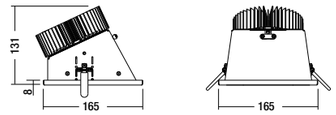
Noviel S Asym

PHOTOMETRY

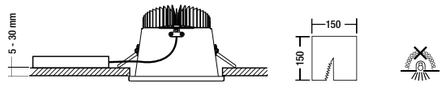
NOVIEL S APT
1650 lm 3000 K



LOR = 100%
lower flux fraction 100%
upper flux fraction 0%



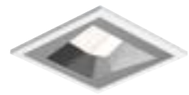
MOUNTING



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	19	92	80+	3000	0.9
NOVIEL S ASP	1850	19	97	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	19	87	80+	3000	0.9
NOVIEL S APT	1750	19	92	80+	4000	0.9

Luminous flux tolerance +/- 10%

POLISHED REFLECTOR (ASP)



POLISHED REFLECTOR / TRANSPARENT COVER (APT)



MATT REFLECTOR (ASM)



MATT REFLECTOR / TRANSPARENT COVER (AMT)









220-240V 50-60Hz | LED | CRI 80+ Ra | CCT 3000 K | CCT 4000 K | ECG | EDA DALI | IP20 | IP40 | IP44

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/B10 (ta 25°C)
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/B10 (ta 25°C)
Umgebungstemperatur
Von -20 °C bis +35 °C

FR

Montage
Plafonnier encastrable
Source lumineuse
LED
Système optique
Réflecteur asymétrique poli (ASP)
Réflecteur asymétrique poli + couvercle transparente (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/B10 (ta 25°C)
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)
Materiál
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/B10 (ta 25°C)
Teplota okolia
Od -20 °C do +35 °C

ES

Montaje
Empotradas en el techo
Fuente lumínica
LED
Sistema óptico
Reflector asimétrico pulido (ASP)
Reflector asimétrico pulido + cubierta transparente (APT)
A petición
Reflector mate
Cableado
Equipo de control electronico 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/B10 (ta 25°C)
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/B10 (ta 25°C)
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/B10 (ta 25°C)
Температура окружающей среды
От -20 °C до +35 °C

5 YEARS WARRANTY | MAINTENANCE FREE | ECO FRIENDLY | ENERGY SAVING | UV/IR | EEC A++/A+/A

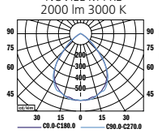
NOVIEL M
POLISHED
LED



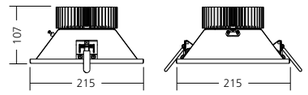
Noviel M

PHOTOMETRY

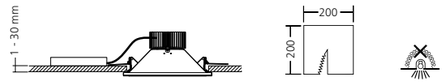
NOVIEL M PRE
2000 lm 3000 K



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



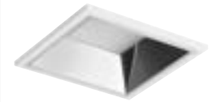
MOUNTING



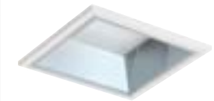
TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE	EMERGENCY UNIT 3H (lm!)	WEIGHT (kg)
NOVIEL M PRE	2000	19	105	80+	3000	80°	370	1.4
NOVIEL M PRE	2100	19	111	80+	4000	80°	380	1.4
NOVIEL M PRE	2500	24	104	80+	3000	80°	370	1.4
NOVIEL M PRE	2650	24	110	80+	4000	80°	380	1.4
NOVIEL M PRE	2900	29	100	80+	3000	80°	370	1.5
NOVIEL M PRE	3050	29	105	80+	4000	80°	380	1.5
NOVIEL M PRT	1950	19	103	80+	3000	80°	360	1.5
NOVIEL M PRT	2050	19	108	80+	4000	80°	370	1.5
NOVIEL M PRT	2450	24	102	80+	3000	80°	360	1.5
NOVIEL M PRT	2600	24	108	80+	4000	80°	370	1.6
NOVIEL M PRT	2850	29	98	80+	3000	80°	360	1.6
NOVIEL M PRT	3000	29	103	80+	4000	80°	370	1.5
NOVIEL M PRO	1950	19	103	80+	3000	80°	–	1.5
NOVIEL M PRO	2050	19	108	80+	4000	80°	–	1.5
NOVIEL M PRO	2450	24	102	80+	3000	80°	–	1.5
NOVIEL M PRO	2600	24	108	80+	4000	80°	–	1.5
NOVIEL M PRO	2850	29	98	80+	3000	80°	–	1.6
NOVIEL M PRO	3000	29	103	80+	4000	80°	–	1.6

Luminous flux tolerance +/- 10%

POLISHED REFLECTOR (PRE)



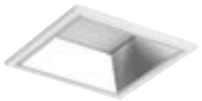
POLISHED REFLECTOR AND TRANSPARENT COVER (PRT)



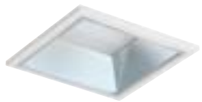
POLISHED REFLECTOR AND OPAL COVER (PRO)



MATT REFLECTOR (MRE)



MATT REFLECTOR AND TRANSPARENT COVER (MRT)







220-240V 50-60Hz | LED | CRI 80+ Ra | CCT 3000 K
CCT 4000 K | ECG | EDA DALI | EMERGENCY
IP20 | IP40 | IP44

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/B10 (ta 25°C)
Ambient temperature
From -20 °C to +35 °C
(from +5°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/B10 (ta 25°C)
Umgebungstemperatur
Von -20 °C bis +35 °C
(von +5°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/B10 (ta 25°C)
Température ambiante
De -20 °C à +35 °C
(de +5°C avec l'unite 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)
Materiál
Teleso: oceľový plech
Difúzor: mikroprizmatický PMMA
Obruč: oceľový plech
Reflektor: leštený anodizovaný hliník
Kryt: transparentný/opálový PMMA
Povrchová úprava
Obruč: biela RAL 9003 (W03)
Servisná životnosť
50,000 hodín/L80/B10 (ta 25°C)
Teplota okolia
Od -20 °C do +35 °C
(od +5°C s núdzovou jednotkou)

ES

Montaje
Empotradas en el techo
Fuente lumínica
LED
Sistema óptico
Reflector pulido (PRE)
Reflector pulido + cubierta transparente (PRT)
Reflector pulido + cubierta ópala (PRO)
A petición
Reflector mate
Cableado
Equipo de control electronico 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/B10 (ta 25°C)
Temperatura ambiente
Desde -20 °C a +35 °C
(desde +5°C con unidad de emergencia)

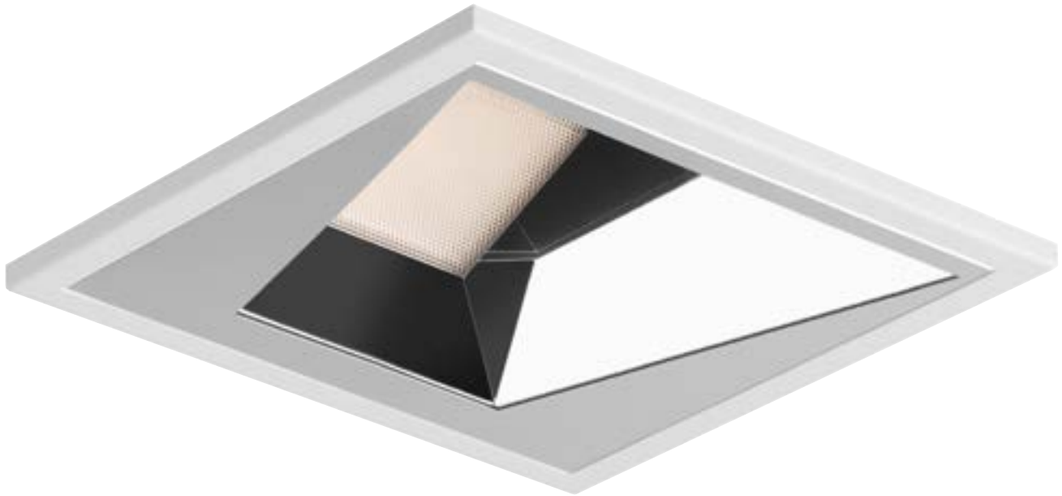
IT

Installazione
Ad incasso a soffitto
Sorgente luminosa
LED
Sistema ottico
Riflettore lucido (PRE)
Riflettore lucido + copertura transparente (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/B10 (ta 25°C)
Temperatura d'ambiente
Da -20 °C a +35 °C
(da +5°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: 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/B10 (ta 25°C)
Температура окружающей среды
От -20 °C до +35 °C
(от +5°C с аварийного освещения)

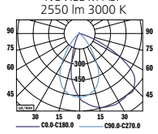
NOVIEL M ASYM
POLISHED
LED



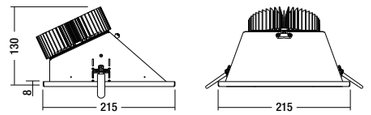
Noviel M Asym

PHOTOMETRY

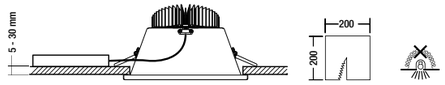
NOVIEL M ASP
2550 lm 3000 K



LOR = 100%
lower flux fraction 100%
upper flux fraction 0%



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	19	89	80+	3000	1.2
NOVIEL M ASP	1800	19	95	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	19	82	80+	3000	1.2
NOVIEL M APT	1650	19	87	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)









220-240V 50-60Hz · LED · CRI 80+ Ra · CCT 3000 K
CCT 4000 K · ECG · EDA DALI · IP20 · IP40 · IP44

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/B10 (ta 25°C)
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/B10 (ta 25°C)
Umgebungstemperatur
Von -20 °C bis +35 °C

FR

Montage
Plafonnier encastrable
Source lumineuse
LED
Optique optique
Réflecteur asymétrique poli (ASP)
Réflecteur asymétrique poli + couvercle transparente (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/B10 (ta 25°C)
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)
Materiál
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/B10 (ta 25°C)
Teplota okolia
Od -20 °C do +35 °C

ES

Montaje
Empotradas en el techo
Fuente lumínica
LED
Sistema óptico
Reflector asimétrico pulido (ASP)
Reflector asimétrico pulido + cubierta transparente (APT)
A petición
Reflector mate
Cableado
Equipo de control electronico 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/B10 (ta 25°C)
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/B10 (ta 25°C)
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/B10 (ta 25°C)
Температура окружающей среды
От -20 °C до +35 °C

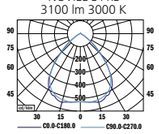
NOVIEL L
POLISHED
LED



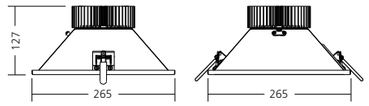
Noviel L

PHOTOMETRY

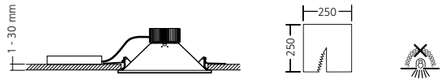
NOVIEL L PRE
3100 lm 3000 K



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



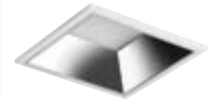
MOUNTING



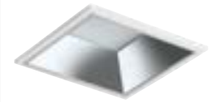
TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE	EMERGENCY UNIT 3H (lm)	WEIGHT (kg)
NOVIEL L PRE	3100	29	107	80+	3000	85°	380	1.7
NOVIEL L PRE	3250	29	112	80+	4000	85°	390	1.7
NOVIEL L PRE	3500	33	106	80+	3000	85°	380	1.7
NOVIEL L PRE	3650	33	111	80+	4000	85°	390	1.7
NOVIEL L PRT	3050	29	105	80+	3000	85°	370	1.9
NOVIEL L PRT	3200	29	110	80+	4000	85°	380	1.9
NOVIEL L PRT	3450	33	105	80+	3000	85°	370	1.9
NOVIEL L PRT	3600	33	109	80+	4000	85°	380	1.9
NOVIEL L PRO	3050	29	105	80+	3000	89°	–	1.9
NOVIEL L PRO	3200	29	110	80+	4000	89°	–	1.9
NOVIEL L PRO	3450	33	105	80+	3000	89°	–	1.9
NOVIEL L PRO	3600	33	109	80+	4000	89°	–	1.9

Luminous flux tolerance +/- 10%

POLISHED REFLECTOR (PRE)



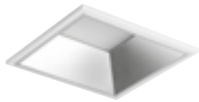
POLISHED REFLECTOR AND TRANSPARENT COVER (PRT)



POLISHED REFLECTOR AND OPAL COVER (PRO)



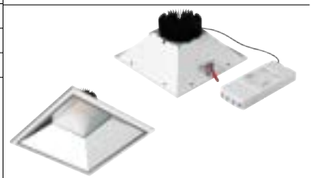
MATT REFLECTOR (MRE)



MATT REFLECTOR AND TRANSPARENT COVER (MRT)







220-240V 50-60Hz | LED | CRI 80+ Ra | CCT 3000 K
CCT 4000 K | ECG | EDA DALI | EMERGENCY
IP20 | IP40 | IP44

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/B10 (ta 25°C)
Ambient temperature
From -20 °C to +35 °C
(from +5°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/B10 (ta 25°C)
Umgebungstemperatur
Von -20 °C bis +35 °C
(von +5°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/B10 (ta 25°C)
Température ambiante
De -20 °C à +35 °C
(de +5°C avec l'unite 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)
Materiál
Teleso: oceľový plech
Difúzor: mikroprizmatický PMMA
Obruč: oceľový plech
Reflektor: leštený anodizovaný hliník
Kryt: transparentný/opálový PMMA
Povrchová úprava
Obruč: biela RAL 9003 (W03)
Servisná životnosť
50,000 hodín/L80/B10 (ta 25°C)
Teplota okolia
Od -20 °C do +35 °C
(od +5°C s núdzovou jednotkou)

ES

Montaje
Empotradas en el techo
Fuente lumínica
LED
Sistema óptico
Reflector pulido (PRE)
Reflector pulido + cubierta transparente (PRT)
Reflector pulido + cubierta ópala (PRO)
A petición
Reflector mate
Cableado
Equipo de control electronico FIX/DALI (ECG/EDA)
Variante unitad 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/B10 (ta 25°C)
Temperatura ambiente
Desde -20 °C a +35 °C
(desde +5°C con unidad de emergencia)

IT

Installazione
Ad incasso a soffitto
Sorgente luminosa
LED
Sistema ottico
Riflettore lucido (PRE)
Riflettore lucido + copertura transparente (PRT)
Riflettore lucido + copertura opale (PRO)
Su richiesta
Riflettore opaco
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Variante unitá 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/B10 (ta 25°C)
Temperatura d'ambiente
Da -20 °C a +35 °C
(da +5°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: микроприз. 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/B10 (ta 25°C)
Температура окружающей среды
От -20 °C до +35 °C
(от +5°C с аварийного освещения)

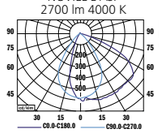
NOVIEL L ASYM
POLISHED
LED



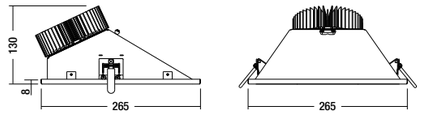
Noviel L Asym

PHOTOMETRY

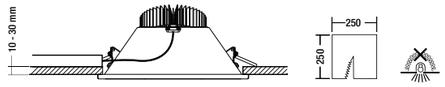
NOVIEL L ASP
2700 lm 4000 K



LOR = 100%
lower flux fraction 100%
upper flux fraction 0%



MOUNTING



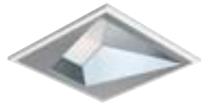
TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	WEIGHT (kg)
NOVIEL L ASP	2550	29	88	80+	3000	1.5
NOVIEL L ASP	2700	29	93	80+	4000	1.5
NOVIEL L ASP	2850	33	86	80+	3000	1.5
NOVIEL L ASP	3050	33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









220-240V 50-60Hz · LED · CRI 80+ Ra · CCT 3000 K · CCT 4000 K · ECG · EDA DALI · IP20 · IP40 · IP44

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/B10 (ta 25°C)
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/B10 (ta 25°C)
Umgebungstemperatur
Von -20 °C bis +35 °C

FR

Montage
Plafonnier encastrable
Source lumineuse
LED
Système optique
Réflecteur asymétrique poli (ASP)
Réflecteur asymétrique poli + couvercle transparente (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/B10 (ta 25°C)
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)
Materiál
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/B10 (ta 25°C)
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 electronico 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/B10 (ta 25°C)
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/B10 (ta 25°C)
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/B10 (ta 25°C)
Температура окружающей среды
От -20 °C до +35 °C

ELYS TRACK FASHION

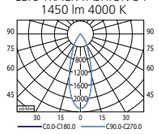
FACET

LED

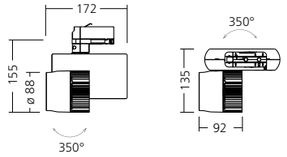


PHOTOMETRY

ELYS TRACK FASHION 34°
1450 lm 4000 K



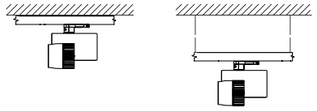
LOR = 100%
lower flux fraction 100%
upper flux fraction 0%
UGR <19







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)
ELYS TRACK FASHION	1200	24	50	98	3000	9°	1.0
ELYS TRACK FASHION	1450	22	66	98	3000	23°/34°/53°	1.0
ELYS TRACK FASHION	1900	30	63	98	3000	23°/34°/53°	1.0

Luminous flux tolerance +/- 10%.

Elys Track Fashion

220-240V 50-60Hz | LED | CRI 98 Ra | CCT 3000 K | ECG | EDA DALI | IP 20

Colours will retain their quality, including visually pleasing surfaces, colour saturation and chromatic values.

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
Reflector: facet anodised aluminium
Surface finish
Housing: white RAL 9003 (W03)
Accessories
Exhangeable reflector
Various types of connections and suspension equipment (ONETRACK)
Service lifetime
50,000 hours/L80/B10 (ta 25°C)
Ambient temperature
From -25 °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
Reflektor: facettiertes eloxiertes Aluminium
Oberflächenveredelung
Körper: Weiss RAL 9003 (W03)
Zubehör
Austauschbare Reflektor
Verschiedene Verbindungs- und Aufhängevorrichtungen (ONETRACK)
Lebensdauer
50,000 Stunden/L80/B10 (ta 25°C)
Umgebungstemperatur
Von -25 °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
Facett réflecteur (FRE)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA
Matériels
Corps: aluminium moulé sous pression
Réflecteur: aluminium à l'aspect anodisé
Finition de surface
Corps: blanc RAL 9003 (W03)
Accessoires
Réflecteur échangeables
Différents types de connexions et d'équipement de suspensions (ONETRACK)
Durée de vie utile
50,000 heures/L80/B10 (ta 25°C)
Température ambiante
De -25 °C à +35 °C

SK

Montáž
Závesný alebo prisadený koľajnicový systém - určené pre ONETRACK (TRS)
Svetelný zdroj
LED
Optický systém
Fazetový reflektor (FRE)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA
Materiál
Teleso: hliníkový odliatok
Reflektor: anodizovaný fazetový hliník
Povrchová úprava
Teleso: biela RAL 9003 (W03)
Príslušenstvo
Vymeniteľný reflektor
Rôzne typy spojok a závesov (ONETRACK)
Servisná životnosť
50,000 hodín/L80/B10 (ta 25°C)
Teplota okolia
Od -25 °C do +35 °C

ES

Montaje
Sistema riel lumínico suspendido o sobrepuesto - adecuado para ONETRACK (TRS)
Fuente lumínica
LED
Sistema óptico
Reflector facetado (FRE)
Cableado
Equipo de control electronico FIX/DALI (ECG/EDA
Material
Cuerpo: aluminio moldeado
Reflector: aluminio anodizado facetado
Tratamiento de la superficie
Cuerpo: blanco RAL 9003 (W03)
Accesorios
Reflectore intercambiables
Varios tipos de conexiones y equipos de suspensión (ONETRACK)
Vida útil
50,000 horas/L80/B10 (ta 25°C)
Temperatura ambiente
Desde -25 °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
Riflettore: alluminio anodizzato sfaccettato
Finitura
Corpo: bianco RAL 9003 (W03)
Accessori
Riflettore intercambiabili
Diversi tipi connessioni e accessori per la sospensione (ONETRACK)
Durata di vita
50,000 ore/L80/B10 (ta 25°C)
Temperatura d'ambiente
Da -25 °C a +35 °C

RU

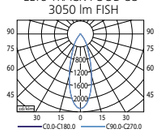
Установка
Подвесная или накладная потолочная трековая система освещения - подходит для ONETRACK (TRS)
Источник света
LED
Оптическая система
Рифленый отражатель (FRE)
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Материал
Корпус: литой алюминий
Отражатель: рифленый анодированный алюминий
Отделка поверхности
Корпус: белый RAL 9003 (W03)
Аксессуары
Сменная отражатель
Разные типы соединений и подвесного оборудования (ONETRACK)
Срок службы
50,000 часов/L80/B10 (ta 25°C)
Температура окружающей среды
От -25 °C до +35 °C

ELYS TRACK FOOD
FACET
LED

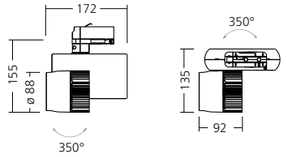


PHOTOMETRY

ELYS TRACK FOOD 33°
3050 lm FISH



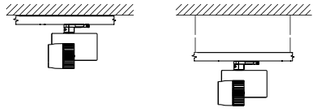
LOR = 100%
lower flux fraction 100%
upper flux fraction 0%
UGR <19







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)
ELYS TRACK FOOD	3050	34	90	SPECIAL	FISH	23°/34°/53°	1.0
ELYS TRACK FOOD	2500	34	74	SPECIAL	FRUIT	23°/34°/53°	1.0
ELYS TRACK FOOD	1650	34	49	SPECIAL	MEAT	23°/34°/53°	1.0
ELYS TRACK FOOD	1900	34	56	SPECIAL	MEAT+	23°/34°/53°	1.0
ELYS TRACK FOOD	2600	34	76	SPECIAL	GOLD	23°/34°/53°	1.0
ELYS TRACK FOOD	1900	34	56	SPECIAL	GOLD+	23°/34°/53°	1.0

Luminous flux tolerance +/- 10%.

Elys Track Food

220-240V 50-60Hz · LED · CRI SPECIAL · CCT FISH · CCT FRUIT · CCT MEAT · CCT MEAT+ · CCT GOLD · CCT GOLD+ · ECG · EDA DALI · IP20

Colours will retain their original quality, including visual colour saturation and chromatic values.

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
Reflector: facet anodised aluminium
Cover: transparent hardened glass
Surface finish
Housing: white RAL 9003 (W03)
Accessories
Exhangeable reflector
Various types of connections and suspension equipment (ONETRACK)
Service lifetime
50,000 hours/L80/B50 (ta 25°C)
Ambient temperature
From -25 °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
Reflektor: facettiertes eloxiertes Aluminium
Abdeckung: durchsichtig gehärteter Glas
Oberflächenveredelung
Körper: Weiss RAL 9003 (W03)
Zubehör
Austauschbare Reflektor
Verschiedene Verbindungs- und Aufhängevorrichtungen (ONETRACK)
Lebensdauer
50,000 Stunden/L80/B50 (ta 25°C)
Umgebungstemperatur
Von -25 °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
Facett réflecteur (FRE)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA
Matériels
Corps: aluminium moulé sous pression
Réflecteur: aluminium à l'aspect anodisé
Couvercle: verre trempé transparente
Finition de surface
Corps: blanc RAL 9003 (W03)
Accessoires
Réflecteur échangeables
Différents types de connexions et d'équipement de suspensions (ONETRACK)
Durée de vie utile
50,000 heures/L80/B50 (ta 25°C)
Température ambiante
De -25 °C à +35 °C

SK

Montáž
Závesný alebo prisadený koľajnicový systém - určené pre ONETRACK (TRS)
Svetelný zdroj
LED
Optický systém
Fazetový reflektor (FRE)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA
Materiál
Teleso: hliníkový odliatok
Reflektor: anodizovaný fazetový hliník
Kryt: transparentné tvrdené sklo
Povrchová úprava
Teleso: biela RAL 9003 (W03)
Príslušenstvo
Vymeniteľný reflektor
Rôzne typy spojok a závesov (ONETRACK)
Servisná životnosť
50,000 hodín/L80/B50 (ta 25°C)
Teplota okolia
Od -25 °C do +35 °C

ES

Montaje
Sistema riel lumínico suspendido o sobrepuesto - adecuado para ONETRACK (TRS)
Fuente lumínica
LED
Sistema óptico
Reflector facetado (FRE)
Cableado
Equipo de control electronico FIX/DALI (ECG/EDA
Material
Cuerpo: aluminio moldeado
Reflector: aluminio anodizado facetado
Cubierta: cristal endurecido transparente
Tratamiento de la superficie
Cuerpo: blanco RAL 9003 (W03)
Accesorios
Reflectore intercambiables
Varios tipos de conexiones y equipos de suspensión (ONETRACK)
Vida útil
50,000 horas/L80/B50 (ta 25°C)
Temperatura ambiente
Desde -25 °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
Riflettore: alluminio anodizzato sfaccettato
Copertura: vetro temperato trasparente
Finitura
Corpo: bianco RAL 9003 (W03)
Accessori
Riflettore intercambiabili
Diversi tipi connessioni e accessori per la sospensione (ONETRACK)
Durata di vita
50,000 ore/L80/B50 (ta 25°C)
Temperatura d'ambiente
Da -25 °C a +35 °C

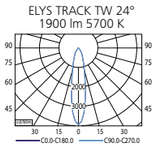
RU

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
Отражатель: рифленый анодированный алюминий
Крышка: чистое закаленное стекло
Отделка поверхности
Корпус: белый RAL 9003 (W03)
Аксессуары
Сменная отражател
Разные типы соединений и подвесного оборудования (ONETRACK)
Срок службы
50,000 часов/L80/B50 (ta 25°C)
Температура окружающей среды
От -25 °C до +35 °C

ELYS TRACK TW
FACET
LED



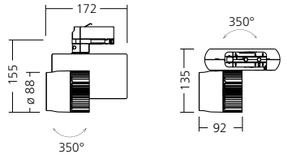
PHOTOMETRY



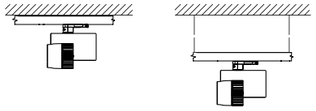
LOR = 100%
lower flux fraction 100%
upper flux fraction 0%
UGR <19







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)
ELYS TRACK TW	1800-1900	27	67-70	90+	2700-6500	24°/30°/50°	1.1

Luminous flux tolerance +/- 10%.

Elys Track TW

220-240V 50-60Hz | LED | CRI 90+ Ra | CCT tunable white | 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 DALI (EDA
Materials
Housing: die-cast aluminium
Reflector: facet anodised aluminium
Cover: transparent hardened glass
Surface finish
Housing: white RAL 9003 (W03)
Accessories
Exhangeable reflector
Various types of connections and suspension equipment (ONETRACK)
Service lifetime
50,000 hours/L70/B50 (ta 25°C)
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 DALI (EDA
Material
Körper: Aluminiumdruckguss
Reflektor: facettiertes eloxiertes Aluminium
Abdeckung: durchsichtig gehärteter Glas
Oberflächenveredelung
Körper: Weiss RAL 9003 (W03)
Zubehör
Austauschbare Reflektor
Verschiedene Verbindungs- und Aufhängevorrichtungen (ONETRACK)
Lebensdauer
50,000 Stunden/L70/B50 (ta 25°C)
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
Facett réflecteur (FRE)
Équipement électrique
Ballast électronique DALI (EDA
Matériels
Corps: aluminium moulé sous pression
Réflecteur: aluminium à l'aspect anodisé
Couvercle: verre trempé transparente
Finition de surface
Corps: blanc RAL 9003 (W03)
Accessoires
Réflecteur échangeables
Différents types de connexions et d'équipement de suspensions (ONETRACK)
Durée de vie utile
50,000 heures/L70/B50 (ta 25°C)
Température ambiante
De -20 °C à +35 °C

SK

Montáž
Závesný alebo prisadený koľajnicový systém - určené pre ONETRACK (TRS)
Svetelný zdroj
LED
Optický systém
Fazetový reflektor (FRE)
Elektrická výbava
Elektronický predradník DALI (EDA
Materiál
Teleso: hliníkový odliatok
Reflektor: anodizovaný fazetový hliník
Kryt: transparentné tvrdené sklo
Povrchová úprava
Teleso: biela RAL 9003 (W03)
Príslušenstvo
Vymeniteľný reflektor
Rôzne typy spojok a závesov (ONETRACK)
Servisná životnosť
50,000 hodín/L70/B50 (ta 25°C)
Teplota okolia
Od -20 °C do +35 °C

ES

Montaje
Sistema riel lumínico suspendido o sobrepuesto - adecuado para ONETRACK (TRS)
Fuente lumínica
LED
Sistema óptico
Reflector facetado (FRE)
Cableado
Equipo de control electronico DALI (EDA
Material
Cuerpo: aluminio moldeado
Reflector: aluminio anodizado facetado
Cubierta: cristal endurecido transparente
Tratamiento de la superficie
Cuerpo: blanco RAL 9003 (W03)
Accesorios
Reflectore intercambiables
Varios tipos de conexiones y equipos de suspensión (ONETRACK)
Vida útil
50,000 horas/L70/B50 (ta 25°C)
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 DALI (EDA)
Materiali
Corpo: pressofusione di alluminio
Riflettore: alluminio anodizzato sfaccettato
Copertura: vetro temperato trasparente
Finitura
Corpo: bianco RAL 9003 (W03)
Accessori
Riflettore intercambiabili
Diversi tipi connessioni e accessori per la sospensione (ONETRACK)
Durata di vita
50,000 ore/L70/B50 (ta 25°C)
Temperatura d'ambiente
Da -20 °C a +35 °C

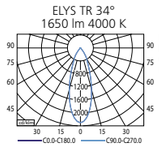
RU

Установка
Подвесная или накладная потолочная трековая система освещения - подходит для ONETRACK (TRS)
Источник света
LED
Оптическая система
Рифленый отражатель (FRE)
Электрическое оснащение
Электронный аппарат DALI (EDA)
Материал
Корпус: литой алюминий
Отражатель: рифленый анодированный алюминий
Крышка: чистое закаленное стекло
Отделка поверхности
Корпус: белый RAL 9003 (W03)
Аксессуары
Сменная отражател
Разные типы соединений и подвесного оборудования (ONETRACK)
Срок службы
50,000 часов/L70/B50 (ta 25°C)
Температура окружающей среды
От -20 °C до +35 °C

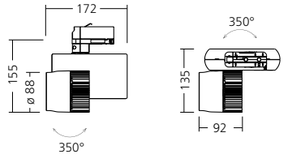
ELYS TRACK
FACET
LED



PHOTOMETRY



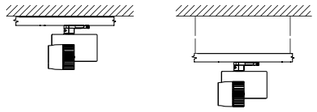
LOR = 100%
lower flux fraction 100%
upper flux fraction 0%
UGR <19







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)
ELYS TRACK	1450	16	91	90+	3000	23°/34°/53°	1.0
ELYS TRACK	1650	16	103	90+	4000	23°/34°/53°	1.0
ELYS TRACK	2850	34	84	90+	3000	23°/34°/53°	1.0
ELYS TRACK	3100	32	97	90+	4000	23°/34°/53°	1.0

Luminous flux tolerance +/- 10%.

Elys Track

220-240V 50-60Hz · LED · CRI 90+ 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
Reflector: facet anodised aluminium
Cover: transparent hardened glass
Surface finish
Housing: white RAL 9003 (W03)
Accessories
Exhangeable reflector
Various types of connections and suspension equipment (ONETRACK)
Service lifetime
50,000 hours/L80/B10 (ta 25°C) - 16W
50,000 hours/L80/B50 (ta 25°C) - 32/34W
Ambient temperature
From -25 °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
Reflektor: facettiertes eloxiertes Aluminium
Abdeckung: durchsichtig gehärteter Glas
Oberflächenveredelung
Körper: Weiss RAL 9003 (W03)
Zubehör
Austauschbare Reflektor
Verschiedene Verbindungs- und Aufhängevorrichtungen (ONETRACK)
Lebensdauer
50,000 Stunden/L80/B10 (ta 25°C) - 16W
50,000 Stunden/L80/B50 (ta 25°C) - 32/34W
Umgebungstemperatur
Von -25 °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
Facett réflecteur (FRE)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA
Matériels
Corps: aluminium moulé sous pression
Réflecteur: aluminium à l'aspect anodisé
Couvercle: verre trempé transparente
Finition de surface
Corps: blanc RAL 9003 (W03)
Accessoires
Réflecteur échangeables
Différents types de connexions et d'équipement de suspensions (ONETRACK)
Durée de vie utile
50,000 heures/L80/B10 (ta 25°C) - 16W
50,000 heures/L80/B50 (ta 25°C) - 32/34W
Température ambiante
De -25 °C à +35 °C

SK

Montáž
Závesný alebo prisadený koľajnicový systém - určené pre ONETRACK (TRS)
Svetelný zdroj
LED
Optický systém
Fazetový reflektor (FRE)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA
Materiál
Teleso: hliníkový odliatok
Reflektor: anodizovaný fazetový hliník
Kryt: transparentné tvrdené sklo
Povrchová úprava
Teleso: biela RAL 9003 (W03)
Príslušenstvo
Vymeniteľný reflektor
Rôzne typy spojok a závesov (ONETRACK)
Servisná životnosť
50,000 hodín/L80/B10 (ta 25°C) - 16W
50,000 hodín/L80/B50 (ta 25°C) - 32/34W
Teplota okolia
Od -25 °C do +35 °C

ES

Montaje
Sistema riel lumínico suspendido o sobrepuesto - adecuado para ONETRACK (TRS)
Fuente lumínica
LED
Sistema óptico
Reflector facetado (FRE)
Cableado
Equipo de control electronico FIX/DALI (ECG/EDA
Material
Cuerpo: aluminio moldeado
Reflector: aluminio anodizado facetado
Cubierta: cristal endurecido transparente
Tratamiento de la superficie
Cuerpo: blanco RAL 9003 (W03)
Accesorios
Reflectore intercambiables
Varios tipos de conexiones y equipos de suspensión (ONETRACK)
Vida útil
50,000 horas/L80/B10 (ta 25°C) - 16W
50,000 horas/L80/B50 (ta 25°C) - 32/34W
Temperatura ambiente
Desde -25 °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
Riflettore: alluminio anodizzato sfaccettato
Copertura: vetro temperato trasparente
Finitura
Corpo: bianco RAL 9003 (W03)
Accessori
Riflettore intercambiabili
Diversi tipi connessioni e accessori per la sospensione (ONETRACK)
Durata di vita
50,000 ore/L80/B10 (ta 25°C) - 16W
50,000 ore/L80/B50 (ta 25°C) - 32/34W
Temperatura d'ambiente
Da -25 °C a +35 °C

RU

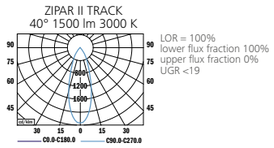
Установка
Подвесная или накладная потолочная трековая система освещения - подходит для ONETRACK (TRS)
Источник света
LED
Оптическая система
Рифленый отражатель (FRE)
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Материал
Корпус: литой алюминий
Отражатель: рифленый анодированный алюминий
Крышка: чистое закаленное стекло
Отделка поверхности
Корпус: белый RAL 9003 (W03)
Аксессуары
Сменная отражател
Разные типы соединений и подвесного оборудования (ONETRACK)
Срок службы
50,000 часов/L80/B10 (ta 25°C) - 16W
50,000 часов/L80/B50 (ta 25°C) - 32/34W
Температура окружающей среды
От -25 °C до +35 °C

ZIPAR II TRACK
FACET
LED

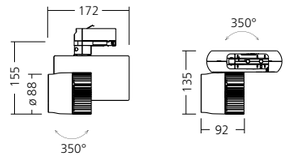


Zipar II Track

PHOTOMETRY



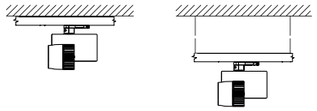
LOR = 100%
lower flux fraction 100%
upper flux fraction 0%
UGR <19







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 II TRACK	1500	12	125	80+	3000	24°/40°	1.0
ZIPAR II TRACK	1550	12	129	80+	4000	24°/40°	1.0
ZIPAR II TRACK	2400	19	126	80+	3000	24°/40°	1.0
ZIPAR II TRACK	2500	19	132	80+	4000	24°/40°	1.0
ZIPAR II TRACK	3550	31	115	80+	3000	24°/40°	1.0
ZIPAR II TRACK	3650	31	118	80+	4000	24°/40°	1.0

Luminous flux tolerance +/- 10%

220-240V 50-60Hz | LED | CRI 80+ Ra | CCT 3000 K | CCT 4000 K | ECG | 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 (ECG)
Materials
Housing: die-cast aluminium
Reflector: facet anodised aluminium
Cover: transparent hardened glass
Surface finish
Housing: white RAL 9003 (W03)
Accessories
Exhangeable reflector
Various types of connections and suspension equipment (ONETRACK)
Service lifetime
50,000 hours/L80/B10 (ta 25°C)
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: Aluminiumdruckguss
Reflektor: facettiertes eloxiertes Aluminium
Abdeckung: durchsichtig gehärteter Glas
Oberflächenveredelung
Körper: Weiss RAL 9003 (W03)
Zubehör
Austauschbare Reflektor
Verschiedene Verbindungs- und Aufhängevorrichtungen (ONETRACK)
Lebensdauer
50,000 Stunden/L80/B10 (ta 25°C)
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
Facett réflecteur (FRE)
Équipement électrique
Ballast électronique FIX (ECG)
Matériels
Corps: aluminium moulé sous pression
Réflecteur: aluminium à l'aspect anodisé
Couvercle: verre trempé transparente
Finition de surface
Corps: blanc RAL 9003 (W03)
Accessoires
Réflecteur échangeables
Différents types de connexions et d'équipement de suspensions (ONETRACK)
Durée de vie utile
50,000 heures/L80/B10 (ta 25°C)
Température ambiante
De -20 °C à +35 °C

SK

Montáž
Závesný alebo prisadený koľajnicový systém - určené pre ONETRACK (TRS)
Svetelný zdroj
LED
Optický systém
Fazetový reflektor (FRE)
Elektrická výbava
Elektronický predradník FIX (ECG)
Materiál
Teleso: hliníkový odliatok
Reflektor: anodizovaný fazetový hliník
Kryt: transparentné tvrdené sklo
Povrchová úprava
Teleso: biela RAL 9003 (W03)
Príslušenstvo
Vymeniteľný reflektor
Rôzne typy spojok a závesov (ONETRACK)
Servisná životnosť
50,000 hodín/L80/B10 (ta 25°C)
Teplota okolia
Od -20 °C do +35 °C

ES

Montaje
Sistema riel lumínico suspendido o sobrepuesto - adecuado para ONETRACK (TRS)
Fuente lumínica
LED
Sistema óptico
Reflector facetado (FRE)
Cableado
Equipo de control electronico FIX (ECG)
Material
Cuerpo: aluminio moldeado
Reflector: aluminio anodizado facetado
Cubierta: cristal endurecido transparente
Tratamiento de la superficie
Cuerpo: blanco RAL 9003 (W03)
Accesorios
Reflectore intercambiables
Varios tipos de conexiones y equipos de suspensión (ONETRACK)
Vida útil
50,000 horas/L80/B10 (ta 25°C)
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: pressofusione di alluminio
Riflettore: alluminio anodizzato sfaccettato
Copertura: vetro temperato trasparente
Finitura
Corpo: bianco RAL 9003 (W03)
Accessori
Riflettore intercambiabili
Diversi tipi connessioni e accessori per la sospensione (ONETRACK)
Durata di vita
50,000 ore/L80/B10 (ta 25°C)
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: литой алюминий
Отражатель: рифленый анодированный алюминий
Крышка: чистое закаленное стекло
Отделка поверхности
Корпус: белый RAL 9003 (W03)
Аксессуары
Сменная отражател
Разные типы соединений и подвесного оборудования (ONETRACK)
Срок службы
50,000 часов/L80/B10 (ta 25°C)
Температура окружающей среды
От -20 °C до +35 °C

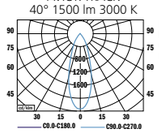
AVIOR TRACK
FACET
LED



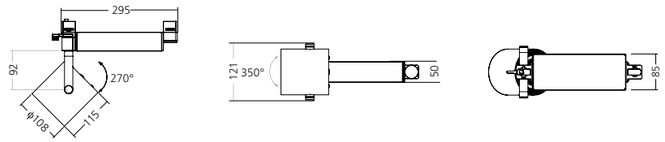
Avior Track

PHOTOMETRY

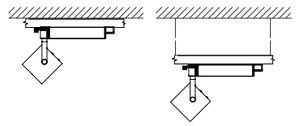
AVIOR TRACK
40° 1500 lm 3000 K



LOR = 100%
lower flux fraction 100%
upper flux fraction 0%
UGR <19



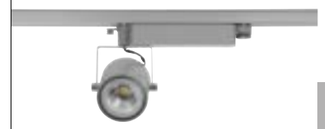
MOUNTING



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	1500	12	125	80+	3000	24°/40°/60°	1.8
AVIOR TRACK	1550	12	129	80+	4000	24°/40°/60°	1.8
AVIOR TRACK	2400	19	126	80+	3000	24°/40°/60°	1.8
AVIOR TRACK	2500	19	132	80+	4000	24°/40°/60°	1.8
AVIOR TRACK	4000	35	114	80+	3000	24°/40°/60°	1.8
AVIOR TRACK	4100	35	117	80+	4000	24°/40°/60°	1.8
AVIOR TRACK	5100	47	109	80+	3000	24°/40°/60°	1.8
AVIOR TRACK	5200	47	111	80+	4000	24°/40°/60°	1.8

Luminous flux tolerance +/- 10%





REFLECTOR 24°



REFLECTOR 40°



RED FILTER



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
Cover: glass
Surface finish
Housing: white RAL 9003 (W03)
Accessories
Various types of connections and suspension equipment (ONETRACK)
Various coloured filters
Exhangeable reflectors
Service lifetime
50,000 hours/L80/B10 (ta 25°C)
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
Abdeckung: Glas
Oberflächenveredelung
Körper: Weiss RAL 9003 (W03)
Zubehör
Verschiedene Verbindungs- und Aufhängevorrichtungen (ONETRACK)
Verschiedene farbige Filter
Austauschbare Reflektoren
Lebensdauer
50,000 Stunden/L80/B10 (ta 25°C)
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
Facett 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
Couvercle: verre
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/B10 (ta 25°C)
Température ambiante
De -20 °C à +35 °C

SK

Montáž
Závesný alebo prisadený koľajnicový systém - určené pre ONETRACK (TRS)
Svetelný zdroj
LED
Optický systém
Fazetový reflektor (FRE)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Materiál
Teleso: hliníkový odliatok + oceľový plech
Reflektor: anodizovaný fazetový hliník
Kryt: sklo
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/B10 (ta 25°C)
Teplota okolia
Od -20 °C do +35 °C

ES

Montaje
Sistema riel lumínico suspendido o sobrepuesto - adecuado para ONETRACK (TRS)
Fuente lumínica
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
Cubierta: cristal
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/B10 (ta 25°C)
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
Copertura: vetro
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/B10 (ta 25°C)
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
Крышка: стекло
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/B10 (ta 25°C)
Температура окружающей среды
От -20 °C до +35 °C

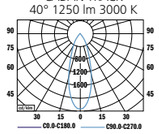
CADAN TRACK
FACET
LED



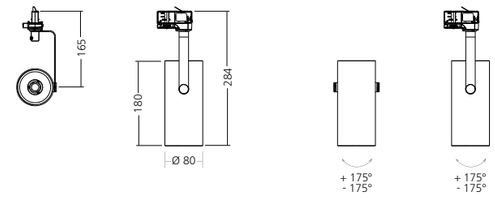
Cadan Track

PHOTOMETRY

CADAN TRACK
40° 1250 lm 3000 K



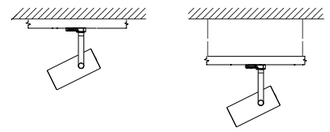
LOR = 100%
lower flux fraction 100%
upper flux fraction 0%
UGR <19







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 TRACK	1250	10	125	80+	3000	24°/40°	1.0
CADAN TRACK	1300	10	130	80+	4000	24°/40°	1.0
CADAN TRACK	2150	18	119	80+	3000	24°/40°	1.0
CADAN TRACK	2250	18	125	80+	4000	24°/40°	1.0

Luminous flux tolerance +/- 10%

220-240V 50-60Hz | LED | CRI 80+ Ra | CCT 3000 K
CCT 4000 K | DALI ECG | 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 (ECG)
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/B10 (ta 25°C)
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: Aluminiumdruckguss + Stahlblech
Reflektor: facettiertes eloxiertes Aluminium
Oberflächenveredelung
Körper: Weiss RAL 9003 (W03)
Zubehör
Verschiedene Verbindungs- und Aufhängevorrichtungen (ONETRACK)
Lebensdauer
50,000 Stunden/L80/B10 (ta 25°C)
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
Facett réflecteur (FRE)
Équipement électrique
Ballast électronique FIX (ECG)
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/B10 (ta 25°C)
Température ambiante
De -20 °C à +35 °C

SK

Montáž
Závesný alebo prisadený koľajnicový systém - určené pre ONETRACK (TRS)
Svetelný zdroj
LED
Optický systém
Fazetový reflektor (FRE)
Elektrická výbava
Elektronický predradník FIX (ECG)
Materiál
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/B10 (ta 25°C)
Teplota okolia
Od -20 °C do +35 °C

ES

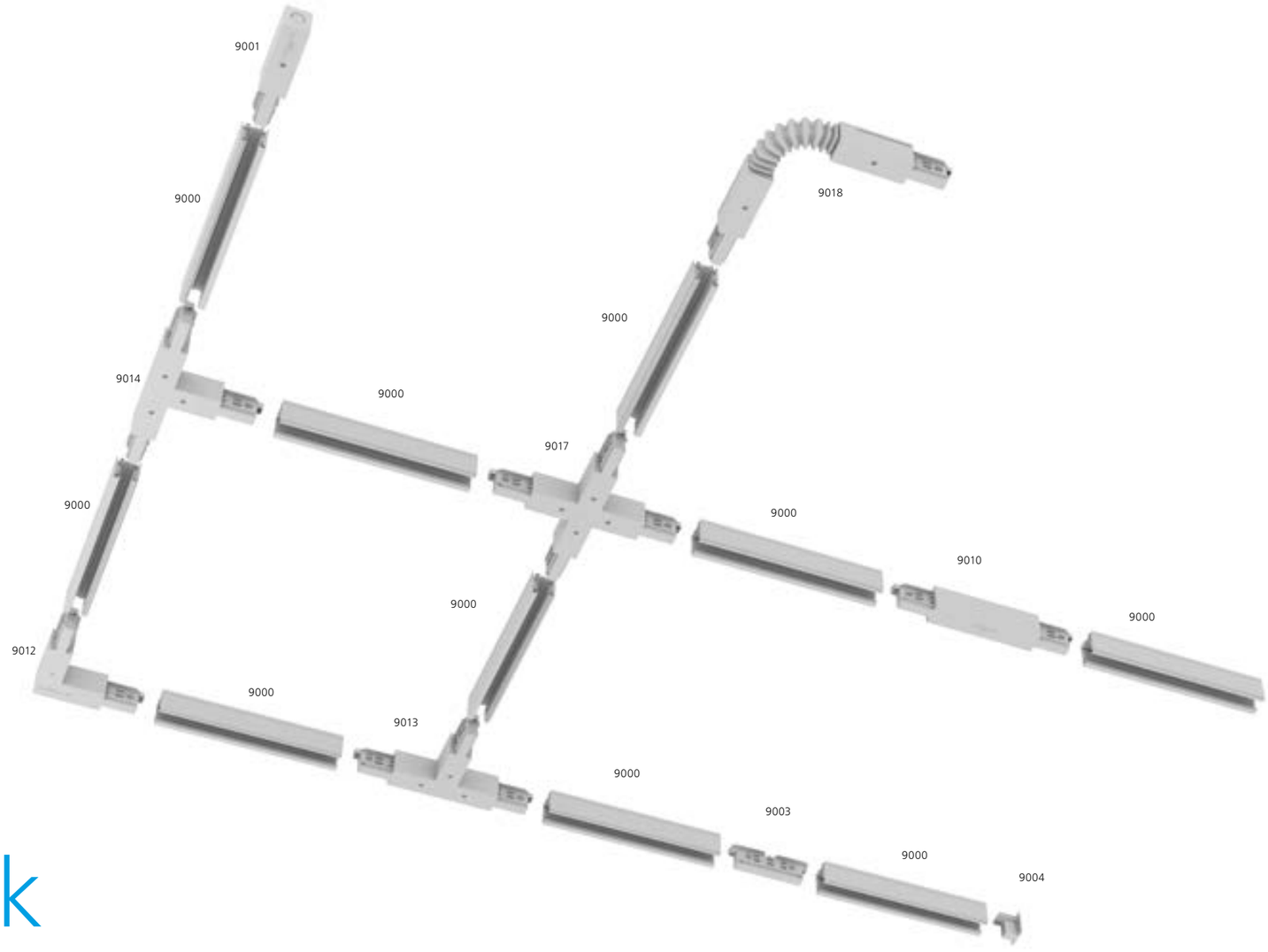
Montaje
Sistema riel lumínico suspendido o sobrepuesto - adecuado para ONETRACK (TRS)
Fuente lumínica
LED
Sistema óptico
Reflector facetado (FRE)
Cableado
Equipo de control electronico FIX (ECG)
Material
Cuerpo: aluminio moldeado + lámina de acero
Reflector: aluminio anodizado facetado
Tratamiento de la superficie
Cuerpo: blanco RAL 9003 (W03)
Accesorios
Varios tipos de conexiones y equipos de suspensión (ONETRACK)
Vida útil
50,000 horas/L80/B10 (ta 25°C)
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: 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/B10 (ta 25°C)
Temperatura d'ambiente
Da -20 °C a +35 °C

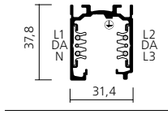
RU

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: 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/B10 (ta 25°C)
Температура окружающей среды
От -20 °C до +35 °C

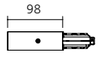


Onetrack

STANDARD VERSION
9000-x/x-ST



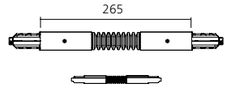
END FEED
9001 / 9002



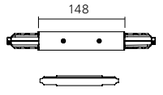
polarity grove



ADJUSTABLE CORNER
9018



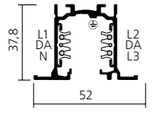
MIDDLE FEED
9010



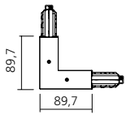
JOINT CONNECTOR
9003



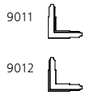
RECESSED VERSION
9000-x/x-R



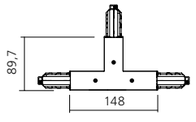
L- FEED
9011 / 9012



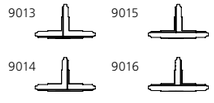
polarity grove



T-FEED
9013 / 9014 / 9015 / 9016



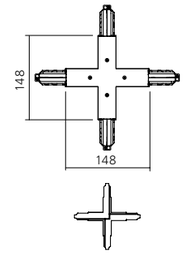
polarity grove



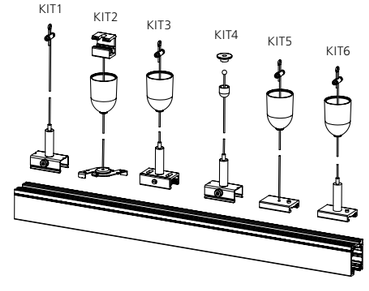
END CAP
9004



X-FEED
9017



9000 - KITx



9000-KIT2



9000-KIT5



9000-KIT6



STANDARD VERSION / 9000-X/X-ST



RECESSED VERSION / 9000-X/X-R



9000-x/x-ST	Track tube - lenght / colour - standard version
9000-x/x-R	Track tube - lenght / colour - recessed version
9001/x	End feed 1 / colour
9002/x	End feed 2 / colour
9003/x	Joint connector / colour
9003/x-M	Mechanical joint connector / colour
9004/x	End cap + locking screw / colour
9010/x	Middle feed / colour
9011/x	Internal L-feed / colour
9012/x	External L-feed / colour
9013/x	External T-feed 1 / colour
9014/x	External T-feed 2 / colour
9015/x	Internal T-feed 3 / colour
9016/x	Internal T-feed 4 / colour
9017/x	X-feed / colour
9018/x	Adjustable corner / colour
9000-KIT1-x	Suspension kit 1 - lenght
9000-KIT2-x-x	Suspension kit 2 - lenght - colour
9000-KIT3-x-x	Suspension kit 3 - lenght - colour
9000-KIT4-x-x	Suspension kit 4 - lenght
9000-KIT5-x-x	Suspension kit 5 - lenght - colour
9000-KIT6-x-x	Suspension kit 6 - lenght - colour

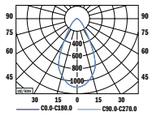
TARF RECESSED
FACET
LED



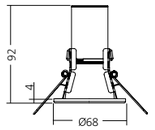
Tarf Recessed

PHOTOMETRY

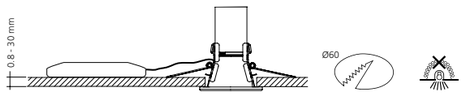
TARF RECESSED
1050 lm 4000 K



LOR = 100%
lower flux fraction 100%
upper flux fraction 0%
UGR <16



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	1000	12	83	80+	3000	51°	0.3
TARF RECESSED	1050	12	88	80+	4000	51°	0.3

Luminous flux tolerance +/- 10%

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 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/B10 (ta 25°C)
Ambient temperature
From -20 °C to +40 °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/B10 (ta 25°C)
Umgebungstemperatur
Von -20 °C bis +40 °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/B10 (ta 25°C)
Température ambiante
De -20 °C à +40 °C

SK

Montáž
Vsadené
Svetelný zdroj
LED
Optický systém
Fazetový matný reflektor (FRM)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Materiál
Teleso: oceľový plech
Reflektor: anodizovaný fazetový hliník
Obruč: oceľový plech
Povrchová úprava
Obruč: biela RAL 9003 (W03)
Servisná životnosť
50,000 hodín/L80/B10 (ta 25°C)
Teplota okolia
Od -20 °C do +40 °C

ES

Montaje
Empotradas en el techo
Fuente lumínica
LED
Sistema óptico
Reflector facetado mate (FRM)
Cableado
Equipo de control electronico 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/B10 (ta 25°C)
Temperatura ambiente
Desde -20 °C a +40 °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/B10 (ta 25°C)
Temperatura d'ambiente
Da -20 °C a +40 °C

RU

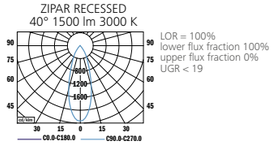
Установка
Потолочная встроенная
Источник света
LED
Оптическая система
Рифленый матовый отражатель (FRM)
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Материал
Корпус: листовая сталь
Отражатель: рифленый анодированный алюминий
Накладка: листовая сталь
Отделка поверхности
Накладка: белый RAL 9003 (W03)
Срок службы
50,000 часов/L80/B10 (ta 25°C)
Температура окружающей среды
От -20 °C до +40 °C

ZIPAR RECESSED
FACET
LED

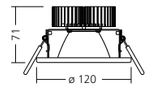


Zipar Recessed

PHOTOMETRY



LOR = 100%
lower flux fraction 100%
upper flux fraction 0%
UGR < 19









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	1500	12	125	80+	3000	24°/40°	0.4
ZIPAR RECESSED	1550	12	129	80+	4000	24°/40°	0.4
ZIPAR RECESSED	2400	19	126	80+	3000	24°/40°	0.4
ZIPAR RECESSED	2500	19	132	80+	4000	24°/40°	0.4
ZIPAR RECESSED	3550	31	115	80+	3000	24°/40°	0.5
ZIPAR RECESSED	3650	31	118	80+	4000	24°/40°	0.5

Luminous flux tolerance +/- 10%

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/B10 (ta 25°C)
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/B10 (ta 25°C)
Umgebungstemperatur
Von -20 °C bis +35 °C

FR

Montage
Plafonnier encastrable
Source lumineuse
LED
Système optique
Facett 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/B10 (ta 25°C)
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)
Materiál
Teleso: oceľový plech + extrudovaný hliník
Reflektor: anodizovaný fazetový hliník
Povrchová úprava
Teleso: biela RAL 9003 (W03)
Servisná životnosť
50,000 hodín/L80/B10 (ta 25°C)
Teplota okolia
Od -20 °C do +35 °C

ES

Montaje
Empotradas en el techo
Fuente lumínica
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/B10 (ta 25°C)
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/B10 (ta 25°C)
Temperatura d'ambiente
Da -20 °C a +35 °C

RU

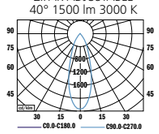
Установка
Потолочная встроенная
Источник света
LED
Оптическая система
Рифленый отражатель (FRE)
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Материал
Корпус: листовая сталь + экструдированный алюминий
Отражатель: рифленый анодированный алюминий
Отделка поверхности
Корпус: белый RAL 9003 (W03)
Срок службы
50,000 часов/L80/B10 (ta 25°C)
Температура окружающей среды
От -20 °C до +35 °C



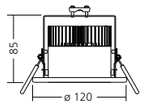
Zipar Adjustable

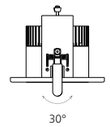
PHOTOMETRY

ZIPAR ADJUSTABLE
40° 1500 lm 3000 K



LOR = 100%
lower flux fraction 100%
upper flux fraction 0%
UGR <19



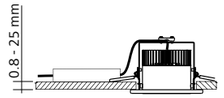








MOUNTING





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	1500	12	125	80+	3000	24°/40°	0.6
ZIPAR ADJUSTABLE	1550	12	129	80+	4000	24°/40°	0.6
ZIPAR ADJUSTABLE	2400	19	126	80+	3000	24°/40°	0.6
ZIPAR ADJUSTABLE	2500	19	132	80+	4000	24°/40°	0.6
ZIPAR ADJUSTABLE	3550	31	115	80+	3000	24°/40°	0.6
ZIPAR ADJUSTABLE	3650	31	118	80+	4000	24°/40°	0.6

Luminous flux tolerance +/- 10%

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/B10 (ta 25°C)
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/B10 (ta 25°C)
Umgebungstemperatur
Von -20 °C bis +35 °C

FR

Montage
Plafonnier encastrable
Source lumineuse
LED
Système optique
Facett 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/B10 (ta 25°C)
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)
Materiál
Teleso: oceľový plech + extrudovaný hliník
Reflektor: anodizovaný fazetový hliník
Povrchová úprava
Teleso: biela RAL 9003 (W03)
Servisná životnosť
50,000 hodín/L80/B10 (ta 25°C)
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 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/B10 (ta 25°C)
Temperatura ambiente
Desde -20 °C a +35 °C

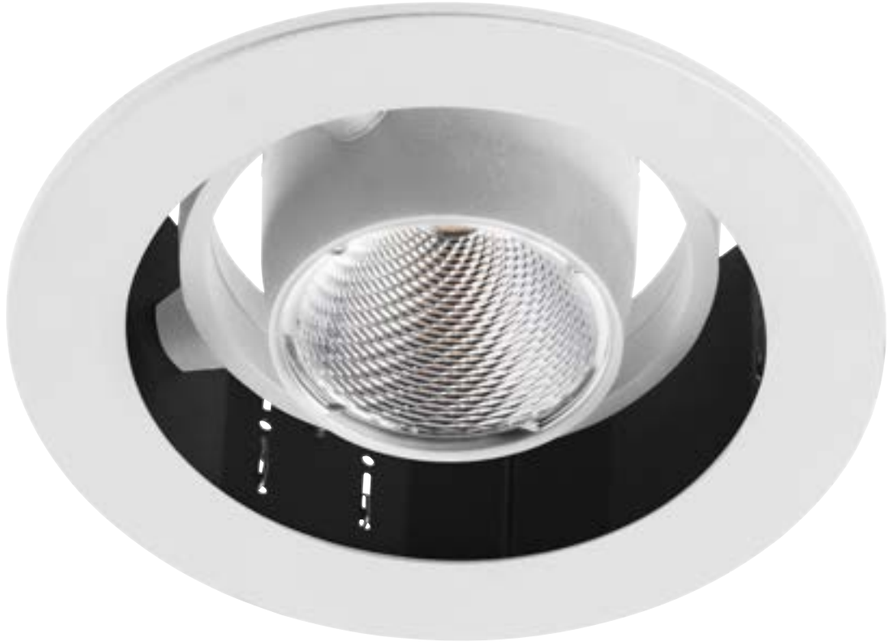
IT

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/B10 (ta 25°C)
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/B10 (ta 25°C)
Температура окружающей среды
От -20 °C до +35 °C

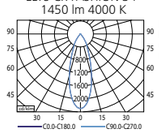
ELYS CR FASHION
FACET
LED



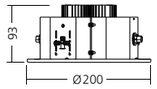
Elys CR Fashion

PHOTOMETRY

ELYS CR FASHION 34°
1450 lm 4000 K



LOR = 100%
lower flux fraction 100%
upper flux fraction 0%
UGR <19

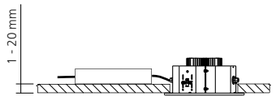








MOUNTING







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)
ELYS CR FASHION	1450	22	66	98	3000	23°/34°/53°	1.5
ELYS CR FASHION	1900	30	63	98	3000	23°/34°/53°	1.5

Luminous flux tolerance +/- 10%.

220-240V 50-60Hz | LED | CRI 98 Ra | CCT 3000 K | ECG | EDA DALI | IP 20

Colours will retain their quality, including visually pleasing surfaces, colour saturation and chromatic values.

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 + sheet steel
Reflector: facet anodised aluminium
Trim: sheet steel
Surface finish
Housing: white RAL 9003 (W03)
Accessories
Exhangeable reflector
Service lifetime
50,000 hours/L80/B10 (ta 25°C)
Ambient temperature
From -25°C to +35 °C

DE

Montage
Einbauleuchte
Lichtquelle
LED
Optisches System
Facettierter Reflektor (FRE)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Material
Körper: Aluminiumdruckguss + Stahlblech
Reflektor: facettiertes eloxiertes Aluminium
Einfassung: Stahlblech
Oberflächenveredelung
Körper: weiss RAL 9003 (W03)
Zubehör
Austauschbare Reflektor
Lebensdauer
50,000 Stunden/L80/B10 (ta 25°C)
Umgebungstemperatur
Von -25°C bis +35 °C

FR

Montage
Plafonnier encastrable
Source lumineuse
LED
Système optique
Facett 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
Moulure: tôle d'acier
Finition de surface
Corps: blanc RAL 9003 (W03)
Accessoires
Réflecteur échangeables
Durée de vie utile
50,000 heures/L80/B10 (ta 25°C)
Température ambiante
De -25 °C à +35 °C

SK

Montáž
Vsadené
Svetelný zdroj
LED
Optický systém
Fazetový reflektor (FRE)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Materiál
Teleso: hliníkový odliatok + oceľový plech
Reflektor: anodizovaný fazetový hliník
Obruč: oceľový plech
Povrchová úprava
Teleso: biela RAL 9003 (W03)
Príslušenstvo
Vymeniteľný reflektor
Servisná životnosť
50,000 hodín/L80/B10 (ta 25°C)
Teplota okolia
Od -25 °C do +35 °C

ES

Montaje
Empotradas en el techo
Fuente lumínica
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
Reborde: lámina de acero
Tratamiento de la superficie
Cuerpo: blanco RAL 9003 (W03)
Accesorios
Reflectore intercambiables
Vida útil
50,000 horas/L80/B10 (ta 25°C)
Temperatura ambiente
Desde -25 °C a +35 °C

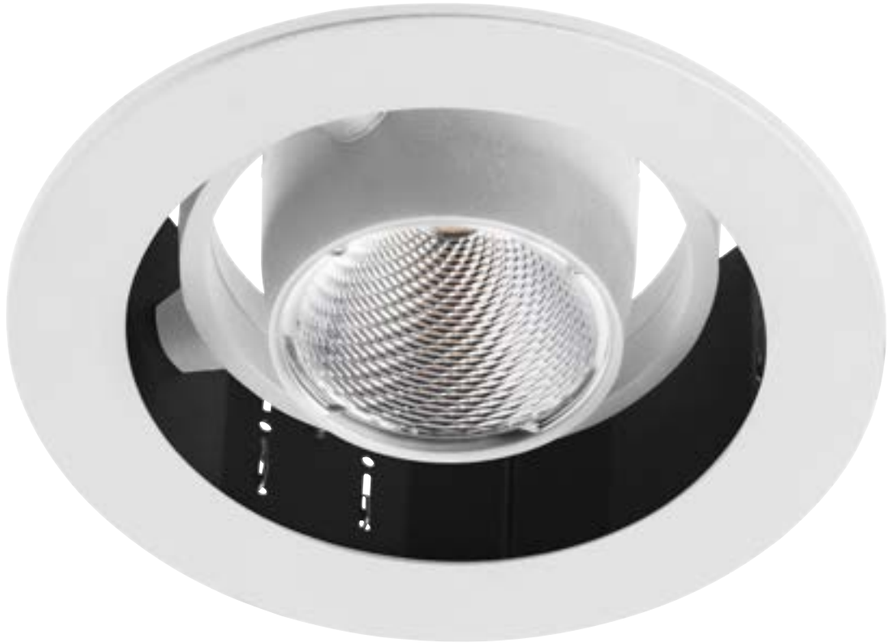
IT

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 + lamina d'acciaio
Riflettore: alluminio anodizzato sfaccettato
Profilo: lamina d'acciaio
Finitura
Corpo: bianco RAL 9003 (W03)
Accessori
Riflettore intercambiabili
Durata di vita
50,000 ore/L80/B10 (ta 25°C)
Temperatura d'ambiente
Da -25 °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 + листовая сталь
Отражатель: рифленый анодированный алюминий
Накладка: листовая сталь
Отделка поверхности
Накладка: белый RAL 9003 (W03)
Аксессуары
Сменная отражател
Срок службы
50,000 часов/L80/B10 (ta 25°C)
Температура окружающей среды
От -25°C до +35 °C

ELYS CR FOOD
FACET
LED



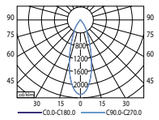
Elys CR Food

220-240V 50-60Hz | LED | CRI SPECIAL | CCT FISH | CCT FRUIT | CCT MEAT | CCT MEAT+ | CCT GOLD | CCT GOLD+ | ECG | EDA DALI | IP20

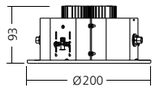
Colours will retain their original quality, including visual colour saturation and chromatic values.

PHOTOMETRY

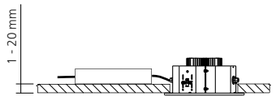
ELYS CR FOOD 33°
3050 lm FISH



LOR = 100%
lower flux fraction 100%
upper flux fraction 0%
UGR <19



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)
ELYS CR FOOD	3050	34	90	SPECIAL	FISH	23°/34°/53°	1.5
ELYS CR FOOD	2500	34	74	SPECIAL	FRUIT	23°/34°/53°	1.5
ELYS CR FOOD	1650	34	49	SPECIAL	MEAT	23°/34°/53°	1.5
ELYS CR FOOD	1900	34	56	SPECIAL	MEAT+	23°/34°/53°	1.5
ELYS CR FOOD	2600	34	76	SPECIAL	GOLD	23°/34°/53°	1.5
ELYS CR FOOD	1900	34	56	SPECIAL	GOLD+	23°/34°/53°	1.5

Luminous flux tolerance +/- 10%.

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 + sheet steel
Reflector: facet anodised aluminium
Trim: sheet steel
Cover: transparent hardened glass
Surface finish
Housing: white RAL 9003 (W03)
Accessories
Exhangeable reflector
Service lifetime
50,000 hours/L80/B50 (ta 25°C)
Ambient temperature
From -25°C to +35 °C

DE

Montage
Einbauleuchte
Lichtquelle
LED
Optisches System
Facettierter Reflektor (FRE)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Material
Körper: Aluminiumdruckguss + Stahlblech
Reflektor: facettiertes eloxiertes Aluminium
Einfassung: Stahlblech
Abdeckung: durchsichtig gehärteter Glas
Oberflächenveredelung
Körper: weiss RAL 9003 (W03)
Zubehör
Austauschbare Reflektor
Lebensdauer
50,000 Stunden/L80/B50 (ta 25°C)
Umgebungstemperatur
Von -25°C bis +35 °C

FR

Montage
Plafonnier encastrable
Source lumineuse
LED
Système optique
Facett 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
Moulure: tôle d'acier
Couvercle: verre trempé transparente
Finition de surface
Corps: blanc RAL 9003 (W03)
Accessoires
Réflecteur échangeables
Durée de vie utile
50,000 heures/L80/B50 (ta 25°C)
Température ambiante
De -25 °C à +35 °C

SK

Montáž
Vsadené
Svetelný zdroj
LED
Optický systém
Fazetový reflektor (FRE)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Materiál
Teleso: hliníkový odliatok + oceľový plech
Reflektor: anodizovaný fazetový hliník
Obruč: oceľový plech
Kryt: transparentné tvrdené sklo
Povrchová úprava
Teleso: biela RAL 9003 (W03)
Príslušenstvo
Vymeniteľný reflektor
Servisná životnosť
50,000 hodín/L80/B50 (ta 25°C)
Teplota okolia
Od -25 °C do +35 °C

ES

Montaje
Empotradas en el techo
Fuente lumínica
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
Reborde: lámina de acero
Cubierta: cristal endurecido transparente
Tratamiento de la superficie
Cuerpo: blanco RAL 9003 (W03)
Accesorios
Reflectore intercambiables
Vida útil
50,000 horas/L80/B50 (ta 25°C)
Temperatura ambiente
Desde -25 °C a +35 °C

IT

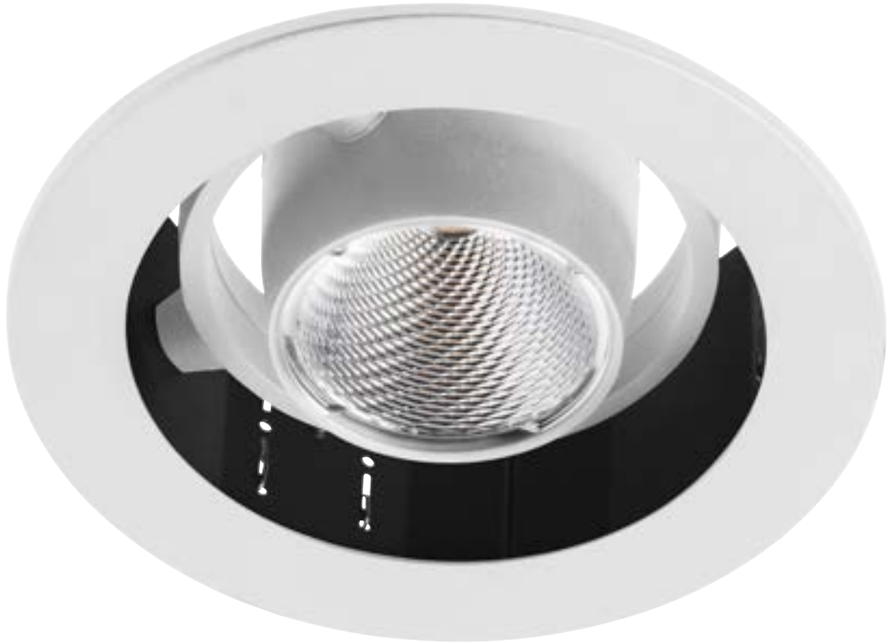
Installazione
Ad incasso a soffitto
Sorgente luminosa
LED
Sistema ottico
Riflettore sfaccettato (FRE)
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Materiali
Corpo: pressofusione di alluminio + lamina d'acciaio
Riflettore: alluminio anodizzato sfaccettato
Profilo: lamina d'acciaio
Copertura: vetro temperato trasparente
Finitura
Corpo: bianco RAL 9003 (W03)
Accessori
Riflettore intercambiabili
Durata di vita
50,000 ore/L80/B50 (ta 25°C)
Temperatura d'ambiente
Da -25 °C a +35 °C

RU

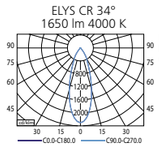
Установка
Потолочная встроенная
Источник света
LED
Оптическая система
РИФЛЕНЫЙ ОТРАЖАТЕЛЬ (FRE)
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Материал
Корпус: литой алюминий + листовая сталь
Отражатель: рифленый анодированный алюминий
Накладка: листовая сталь
Крышка: чистое закаленное стекло
Отделка поверхности
Накладка: белый RAL 9003 (W03)
Аксессуары
Сменная отражател
Срок службы
50,000 часов/L80/B50 (ta 25°C)
Температура окружающей среды
От -25°C до +35 °C

5 YEARS WARRANTY | MAINTENANCE FREE | ECO FRIENDLY | ENERGY SAVING | UV/IR | EEC A++/A+/A

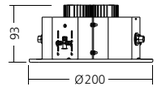
ELYS CR
FACET
LED



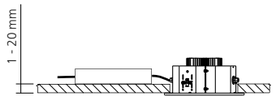
PHOTOMETRY



LOR = 100%
lower flux fraction 100%
upper flux fraction 0%
UGR <19



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)
ELYS CR	1450	16	91	90+	3000	23°/34°/53°	1.5
ELYS CR	1650	16	103	90+	4000	23°/34°/53°	1.5
ELYS CR	2850	34	84	90+	3000	23°/34°/53°	1.5
ELYS CR	3100	32	97	90+	4000	23°/34°/53°	1.5

Luminous flux tolerance +/- 10%.

Elys CR

220-240V 50-60Hz · LED · CRI 90+ 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: die-cast aluminium + sheet steel
Reflector: facet anodised aluminium
Trim: sheet steel
Cover: transparent hardened glass
Surface finish
Housing: white RAL 9003 (W03)
Accessories
Exhangeable reflector
Service lifetime
50,000 hours/L80/B10 (ta 25°C) - 16W
50,000 hours/L80/B50 (ta 25°C) - 32/34W
Ambient temperature
From -25°C to +35 °C

DE

Montage
Einbauleuchte
Lichtquelle
LED
Optisches System
Facettierter Reflektor (FRE)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Material
Körper: Aluminiumdruckguss + Stahlblech
Reflektor: facettiertes eloxiertes Aluminium
Einfassung: Stahlblech
Abdeckung: durchsichtig gehärteter Glas
Oberflächenveredelung
Körper: weiss RAL 9003 (W03)
Zubehör
Austauschbare Reflektor
Lebensdauer
50,000 Stunden/L80/B10 (ta 25°C) - 16W
50,000 Stunden/L80/B50 (ta 25°C) - 32/34W
Umgebungstemperatur
Von -25°C bis +35 °C

FR

Montage
Plafonnier encastrable
Source lumineuse
LED
Système optique
Facett 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
Moulure: tôle d'acier
Couvercle: verre trempé transparente
Finition de surface
Corps: blanc RAL 9003 (W03)
Accessoires
Réflecteur échangeables
Durée de vie utile
50,000 heures/L80/B10 (ta 25°C) - 16W
50,000 heures/L80/B50 (ta 25°C) - 32/34W
Température ambiante
De -25 °C à +35 °C

SK

Montáž
Vsadené
Svetelný zdroj
LED
Optický systém
Fazetový reflektor (FRE)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Materiál
Teleso: hliníkový odliatok + oceľový plech
Reflektor: anodizovaný fazetový hliník
Obruč: oceľový plech
Kryt: transparentné tvrdené sklo
Povrchová úprava
Teleso: biela RAL 9003 (W03)
Príslušenstvo
Vymeniteľný reflektor
Servisná životnosť
50,000 hodín/L80/B10 (ta 25°C) - 16W
50,000 hodín/L80/B50 (ta 25°C) - 32/34W
Teplota okolia
Od -25 °C do +35 °C

ES

Montaje
Empotradas en el techo
Fuente lumínica
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
Reborde: lámina de acero
Cubierta: cristal endurecido transparente
Tratamiento de la superficie
Cuerpo: blanco RAL 9003 (W03)
Accesorios
Reflectore intercambiables
Vida útil
50,000 horas/L80/B10 (ta 25°C) - 16W
50,000 horas/L80/B50 (ta 25°C) - 32/34W
Temperatura ambiente
Desde -25 °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 + lamina d'acciaio
Riflettore: alluminio anodizzato sfaccettato
Profilo: lamina d'acciaio
Copertura: vetro temperato trasparente
Finitura
Corpo: bianco RAL 9003 (W03)
Accessori
Riflettore intercambiabili
Durata di vita
50,000 ore/L80/B10 (ta 25°C) - 16W
50,000 ore/L80/B50 (ta 25°C) - 32/34W
Temperatura d'ambiente
Da -25 °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 + листовая сталь
Отражатель: рифленый анодированный алюминий
Накладка: листовая сталь
Крышка: чистое закаленное стекло
Отделка поверхности
Накладка: белый RAL 9003 (W03)
Аксессуары
Сменная отражател
Срок службы
50,000 часов/L80/B10 (ta 25°C) - 16W
50,000 часов/L80/B50 (ta 25°C) - 32/34W
Температура окружающей среды
От -25°C до +35 °C

ELYS MOVABLE FASHION

FACET

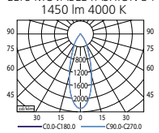
LED



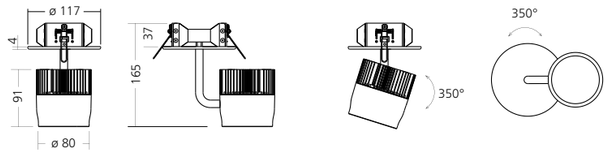
Elys Movable Fashion

PHOTOMETRY

ELYS MOVABLE FASHION 34°
1450 lm 4000 K

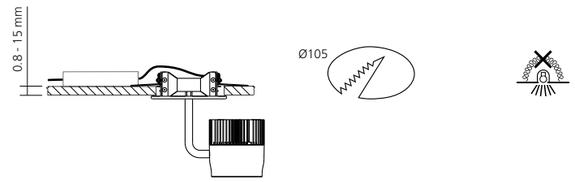


LOR = 100%
lower flux fraction 100%
upper flux fraction 0%
UGR <19





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)
ELYS MOVABLE FASHION	1450	22	66	98	3000	23°/34°/53°	1.0
ELYS MOVABLE FASHION	1900	30	63	98	3000	23°/34°/53°	1.0

Luminous flux tolerance +/- 10%.

220-240V 50-60Hz | LED | CRI 98 Ra | CCT 3000 K | ECG | EDA DALI | IP 20

Colours will retain their quality, including visually pleasing surfaces, colour saturation and chromatic values.

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 + sheet steel
Reflector: facet anodised aluminium
Surface finish
Housing: white RAL 9003 (W03)
Accessories
Exhangeable reflector
Service lifetime
50,000 hours/L80/B10 (ta 25°C)
Ambient temperature
From -25°C to +35 °C

DE

Montage
Einbauleuchte
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
Austauschbare Reflektor
Lebensdauer
50,000 Stunden/L80/B10 (ta 25°C)
Umgebungstemperatur
Von -25°C bis +35 °C

FR

Montage
Plafonnier encastrable
Source lumineuse
LED
Système optique
Facett 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
Réflecteur échangeables
Durée de vie utile
50,000 heures/L80/B10 (ta 25°C)
Température ambiante
De -25 °C à +35 °C

SK

Montáž
Vsadené
Svetelný zdroj
LED
Optický systém
Fazetový reflektor (FRE)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Materiál
Teleso: hliníkový odliatok + oceľový plech
Reflektor: anodizovaný fazetový hliník
Povrchová úprava
Teleso: biela RAL 9003 (W03)
Príslušenstvo
Vymeniteľný reflektor
Servisná životnosť
50,000 hodín/L80/B10 (ta 25°C)
Teplota okolia
Od -25 °C do +35 °C

ES

Montaje
Empotradas en el techo
Fuente lumínica
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
Reflectore intercambiables
Vida útil
50,000 horas/L80/B10 (ta 25°C)
Temperatura ambiente
Desde -25 °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 + lamina d'acciaio
Riflettore: alluminio anodizzato sfaccettato
Finitura
Corpo: bianco RAL 9003 (W03)
Accessori
Riflettore intercambiabili
Durata di vita
50,000 ore/L80/B10 (ta 25°C)
Temperatura d'ambiente
Da -25 °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 + листовая сталь
Отражатель: рифленый анодированный алюминий
Отделка поверхности
Накладка: белый RAL 9003 (W03)
Аксессуары
Сменная отражател
Срок службы
50,000 часов/L80/B10 (ta 25°C)
Температура окружающей среды
От -25°C до +35 °C

ELYS MOVABLE FOOD

FACET

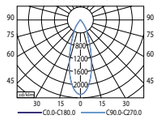
LED



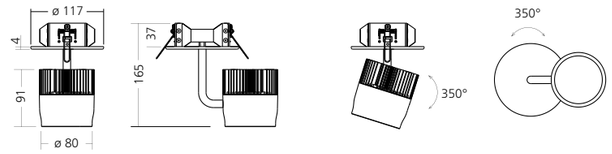
Elys Movable Food

PHOTOMETRY

ELYS MOVABLE FOOD 33°
3050 lm FISH

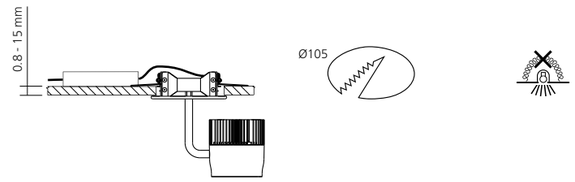


LOR = 100%
lower flux fraction 100%
upper flux fraction 0%
UGR <19





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)
ELYS MOVABLE FOOD	3050	34	90	SPECIAL	FISH	23°/34°/53°	1.0
ELYS MOVABLE FOOD	2500	34	74	SPECIAL	FRUIT	23°/34°/53°	1.0
ELYS MOVABLE FOOD	1650	34	49	SPECIAL	MEAT	23°/34°/53°	1.0
ELYS MOVABLE FOOD	1900	34	56	SPECIAL	MEAT+	23°/34°/53°	1.0
ELYS MOVABLE FOOD	2600	34	76	SPECIAL	GOLD	23°/34°/53°	1.0
ELYS MOVABLE FOOD	1900	34	56	SPECIAL	GOLD+	23°/34°/53°	1.0

Luminous flux tolerance +/- 10%.

220-240V 50-60Hz · LED · CRI SPECIAL · CCT FISH · CCT FRUIT · CCT MEAT · CCT MEAT+ · CCT GOLD · CCT GOLD+ · ECG · EDA DALI · IP20

Colours will retain their original quality, including visual colour saturation and chromatic values.

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 + sheet steel
Reflector: facet anodised aluminium
Cover: transparent hardened glass
Surface finish
Housing: white RAL 9003 (W03)
Accessories
Exhangeable reflector
Service lifetime
50,000 hours/L80/B50 (ta 25°C)
Ambient temperature
From -25°C to +35 °C

DE

Montage
Einbauleuchte
Lichtquelle
LED
Optisches System
Facettierter Reflektor (FRE)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Material
Körper: Aluminiumdruckguss + Stahlblech
Reflektor: facettiertes eloxiertes Aluminium
Abdeckung: durchsichtig gehärteter Glas
Oberflächenveredelung
Körper: weiss RAL 9003 (W03)
Zubehör
Austauschbare Reflektor
Lebensdauer
50,000 Stunden/L80/B50 (ta 25°C)
Umgebungstemperatur
Von -25°C bis +35 °C

FR

Montage
Plafonnier encastrable
Source lumineuse
LED
Système optique
Facett 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
Couvercle: verre trempé transparente
Finition de surface
Corps: blanc RAL 9003 (W03)
Accessoires
Réflecteur échangeables
Durée de vie utile
50,000 heures/L80/B50 (ta 25°C)
Température ambiante
De -25 °C à +35 °C

SK

Montáž
Vsadené
Svetelný zdroj
LED
Optický systém
Fazetový reflektor (FRE)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Materiál
Teleso: hliníkový odliatok + oceľový plech
Reflektor: anodizovaný fazetový hliník
Kryt: transparentné tvrdené sklo
Povrchová úprava
Teleso: biela RAL 9003 (W03)
Príslušenstvo
Vymeniteľný reflektor
Servisná životnosť
50,000 hodín/L80/B50 (ta 25°C)
Teplota okolia
Od -25 °C do +35 °C

ES

Montaje
Empotradas en el techo
Fuente lumínica
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
Cubierta: cristal endurecido transparente
Tratamiento de la superficie
Cuerpo: blanco RAL 9003 (W03)
Accesorios
Reflectore intercambiables
Vida útil
50,000 horas/L80/B50 (ta 25°C)
Temperatura ambiente
Desde -25 °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 + lamina d'acciaio
Riflettore: alluminio anodizzato sfaccettato
Copertura: vetro temperato trasparente
Finitura
Corpo: bianco RAL 9003 (W03)
Accessori
Riflettore intercambiabili
Durata di vita
50,000 ore/L80/B50 (ta 25°C)
Temperatura d'ambiente
Da -25 °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 + листовая сталь
Отражатель: рифленый анодированный алюминий
Крышка: чистое закаленное стекло
Отделка поверхности
Накладка: белый RAL 9003 (W03)
Аксессуары
Сменная отражател
Срок службы
50,000 часов/L80/B50 (ta 25°C)
Температура окружающей среды
От -25°C до +35 °C

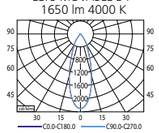
ELYS MOVABLE
FACET
LED



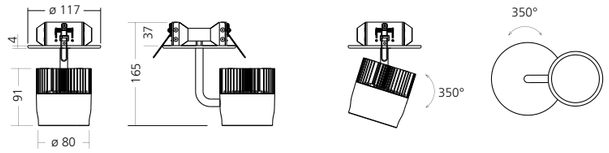
Elys Movable

PHOTOMETRY

ELYS MOVABLE 34°
1650 lm 4000 K

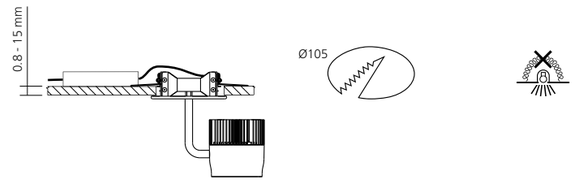


LOR = 100%
lower flux fraction 100%
upper flux fraction 0%
UGR <19





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)
ELYS MOVABLE	1450	16	91	90+	3000	23°/34°/53°	1.0
ELYS MOVABLE	1650	16	103	90+	4000	23°/34°/53°	1.0
ELYS MOVABLE	2850	34	84	90+	3000	23°/34°/53°	1.0
ELYS MOVABLE	3100	32	97	90+	4000	23°/34°/53°	1.0

Luminous flux tolerance +/- 10%.

220-240V 50-60Hz | LED | CRI 90+ 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: die-cast aluminium + sheet steel
Reflector: facet anodised aluminium
Cover: transparent hardened glass
Surface finish
Housing: white RAL 9003 (W03)
Accessories
Exhangeable reflector
Service lifetime
50,000 hours/L80/B10 (ta 25°C) - 16W
50,000 hours/L80/B50 (ta 25°C) - 32/34W
Ambient temperature
From -25°C to +35 °C

DE

Montage
Einbauleuchte
Lichtquelle
LED
Optisches System
Facettierter Reflektor (FRE)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Material
Körper: Aluminiumdruckguss + Stahlblech
Reflektor: facettiertes eloxiertes Aluminium
Abdeckung: durchsichtig gehärteter Glas
Oberflächenveredelung
Körper: weiss RAL 9003 (W03)
Zubehör
Austauschbare Reflektor
Lebensdauer
50,000 Stunden/L80/B10 (ta 25°C) - 16W
50,000 Stunden/L80/B50 (ta 25°C) - 32/34W
Umgebungstemperatur
Von -25°C bis +35 °C

FR

Montage
Plafonnier encastrable
Source lumineuse
LED
Système optique
Facett 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
Couvercle: verre trempé transparente
Finition de surface
Corps: blanc RAL 9003 (W03)
Accessoires
Réflecteur échangeables
Durée de vie utile
50,000 heures/L80/B10 (ta 25°C) - 16W
50,000 heures/L80/B50 (ta 25°C) - 32/34W
Température ambiante
De -25 °C à +35 °C

SK

Montáž
Vsadené
Svetelný zdroj
LED
Optický systém
Fazetový reflektor (FRE)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Materiál
Teleso: hliníkový odliatok + oceľový plech
Reflektor: anodizovaný fazetový hliník
Kryt: transparentné tvrdené sklo
Povrchová úprava
Teleso: biela RAL 9003 (W03)
Príslušenstvo
Vymeniteľný reflektor
Servisná životnosť
50,000 hodín/L80/B10 (ta 25°C) - 16W
50,000 hodín/L80/B50 (ta 25°C) - 32/34W
Teplota okolia
Od -25 °C do +35 °C

ES

Montaje
Empotradas en el techo
Fuente lumínica
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
Cubierta: cristal endurecido transparente
Tratamiento de la superficie
Cuerpo: blanco RAL 9003 (W03)
Accesorios
Reflectore intercambiables
Vida útil
50,000 horas/L80/B10 (ta 25°C) - 16W
50,000 horas/L80/B50 (ta 25°C) - 32/34W
Temperatura ambiente
Desde -25 °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 + lamina d'acciaio
Riflettore: alluminio anodizzato sfaccettato
Copertura: vetro temperato trasparente
Finitura
Corpo: bianco RAL 9003 (W03)
Accessori
Riflettore intercambiabili
Durata di vita
50,000 ore/L80/B10 (ta 25°C) - 16W
50,000 ore/L80/B50 (ta 25°C) - 32/34W
Temperatura d'ambiente
Da -25 °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 + листовая сталь
Отражатель: рифленый анодированный алюминий
Крышка: чистое закаленное стекло
Отделка поверхности
Накладка: белый RAL 9003 (W03)
Аксессуары
Сменная отражател
Срок службы
50,000 часов/L80/B10 (ta 25°C) - 16W
50,000 часов/L80/B50 (ta 25°C) - 32/34W
Температура окружающей среды
От -25°C до +35 °C

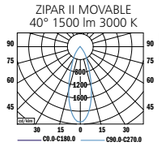
ZIPAR II MOVABLE
FACET
LED



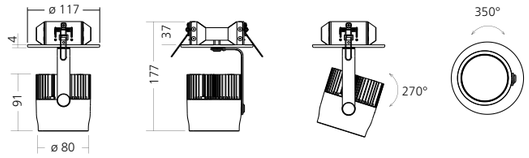
Zipar II Movable

PHOTOMETRY

ZIPAR II MOVABLE
40° 1500 lm 3000 K



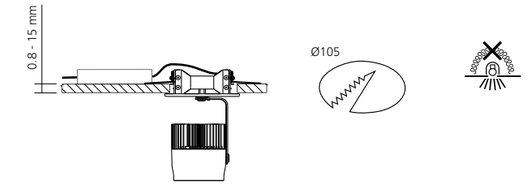
LOR = 100%
lower flux fraction 100%
upper flux fraction 0%
UGR <19







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 II MOVABLE	1500	12	125	80+	3000	24°/40°	1.3
ZIPAR II MOVABLE	1550	12	129	80+	4000	24°/40°	1.3
ZIPAR II MOVABLE	2400	19	126	80+	3000	24°/40°	1.3
ZIPAR II MOVABLE	2500	19	132	80+	4000	24°/40°	1.3
ZIPAR II MOVABLE	3550	31	115	80+	3000	24°/40°	1.3
ZIPAR II MOVABLE	3650	31	118	80+	4000	24°/40°	1.3

Luminous flux tolerance +/- 10%

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: die-cast aluminium
Reflector: facet anodised aluminium
Cover: transparent hardened glass
Surface finish
Housing: white RAL 9003 (W03)
Accessories
Exhangeable reflector
Service lifetime
50,000 hours/L80/B10 (ta 25°C)
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: facettiertes eloxiertes Aluminium
Abdeckung: durchsichtig gehärteter Glas
Oberflächenveredelung
Körper: Weiss RAL 9003 (W03)
Zubehör
Austauschbare Reflektor
Lebensdauer
50,000 Stunden/L80/B10 (ta 25°C)
Umgebungstemperatur
Von -20 °C bis +35 °C

FR

Montage
lafonnier encastrable
Source lumineuse
LED
Système optique
Facett réflecteur (FRE)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Matériels
Corps: aluminium moulé sous pression
Réflecteur: aluminium à l'aspect anodisé
Couvercle: verre trempé transparente
Finition de surface
Corps: blanc RAL 9003 (W03)
Accessoires
Réflecteur échangeables
Durée de vie utile
50,000 heures/L80/B10 (ta 25°C)
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)
Materiál
Teleso: hliníkový odliatok
Reflektor: anodizovaný fazetový hliník
Kryt: transparentné tvrdené sklo
Povrchová úprava
Teleso: biela RAL 9003 (W03)
Príslušenstvo
Vymeniteľný reflektor
Servisná životnosť
50,000 hodín/L80/B10 (ta 25°C)
Teplota okolia
Od -20 °C do +35 °C

ES

Montaje
tradas en el techo
Fuente lumínica
LED
Sistema óptico
Reflector facetado (FRE)
Cableado
Equipo de control electronico FIX/DALI (ECG/EDA)
Material
Cuerpo: aluminio moldeado
Reflector: aluminio anodizado facetado
Cubierta: cristal endurecido transparente
Tratamiento de la superficie
Cuerpo: blanco RAL 9003 (W03)
Accesorios
Reflectore intercambiables
Vida útil
50,000 horas/L80/B10 (ta 25°C)
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
Copertura: vetro temperato trasparente
Finitura
Corpo: bianco RAL 9003 (W03)
Accessori
Riflettore intercambiabili
Durata di vita
50,000 ore/L80/B10 (ta 25°C)
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
Крышка: чистое закаленное стекло
Отделка поверхности
Корпус: белый RAL 9003 (W03)
Аксессуары
Сменная отражател
Срок службы
50,000 часов/L80/B10 (ta 25°C)
Температура окружающей среды
От -20 °C до +35 °C

ELYS CS/CS2 FASHION

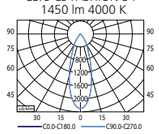
FACET

LED

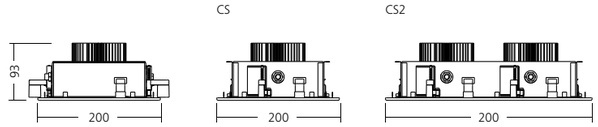


PHOTOMETRY

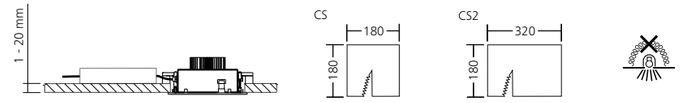
ELYS CS FASHION 34°
1450 lm 4000 K

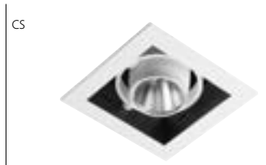


LOR = 100%
lower flux fraction 100%
upper flux fraction 0%
UGR <19

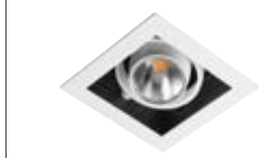


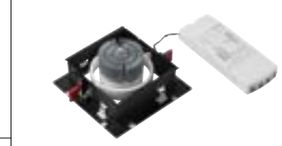
MOUNTING





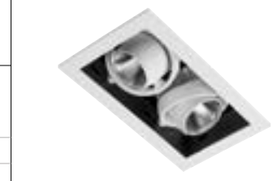
CS





CS2







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)
ELYS CS FASHION	1450	22	66	98	3000	23°/34°/53°	1.7
ELYS CS FASHION	1900	30	63	98	3000	23°/34°/53°	1.7
ELYS CS2 FASHION	2900	43	67	98	3000	23°/34°/53°	2.4
ELYS CS2 FASHION	3800	57	67	98	3000	23°/34°/53°	2.4

Luminous flux tolerance +/- 10%.

Elys CS/CS2 Fashion

220-240V 50-60Hz | LED | CRI 98 Ra | CCT 3000 K | ECG | EDA DALI | IP 20

Colours will retain their quality, including visually pleasing surfaces, colour saturation and chromatic values.

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 + sheet steel
Reflector: facet anodised aluminium
Trim: sheet steel
Surface finish
Housing: white RAL 9003 (W03)
Accessories
Exhangeable reflector
Service lifetime
50,000 hours/L80/B10 (ta 25°C)
Ambient temperature
From -25°C to +35 °C

DE

Montage
Einbauleuchte
Lichtquelle
LED
Optisches System
Facettierter Reflektor (FRE)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Material
Körper: Aluminiumdruckguss + Stahlblech
Reflektor: facettiertes eloxiertes Aluminium
Einfassung: Stahlblech
Oberflächenveredelung
Körper: weiss RAL 9003 (W03)
Zubehör
Austauschbare Reflektor
Lebensdauer
50,000 Stunden/L80/B10 (ta 25°C)
Umgebungstemperatur
Von -25°C bis +35 °C

FR

Montage
Plafonnier encastrable
Source lumineuse
LED
Système optique
Facett 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
Moulure: tôle d'acier
Finition de surface
Corps: blanc RAL 9003 (W03)
Accessoires
Réflecteur échangeables
Durée de vie utile
50,000 heures/L80/B10 (ta 25°C)
Température ambiante
De -25 °C à +35 °C

SK

Montáž
Vsadené
Svetelný zdroj
LED
Optický systém
Fazetový reflektor (FRE)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Materiál
Teleso: hliníkový odliatok + oceľový plech
Reflektor: anodizovaný fazetový hliník
Obruč: oceľový plech
Povrchová úprava
Teleso: biela RAL 9003 (W03)
Príslušenstvo
Vymeniteľný reflektor
Servisná životnosť
50,000 hodín/L80/B10 (ta 25°C)
Teplota okolia
Od -25 °C do +35 °C

ES

Montaje
Empotradas en el techo
Fuente lumínica
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
Reborde: lámina de acero
Tratamiento de la superficie
Cuerpo: blanco RAL 9003 (W03)
Accesorios
Reflectore intercambiables
Vida útil
50,000 horas/L80/B10 (ta 25°C)
Temperatura ambiente
Desde -25 °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 + lamina d'acciaio
Riflettore: alluminio anodizzato sfaccettato
Profilo: lamina d'acciaio
Finitura
Corpo: bianco RAL 9003 (W03)
Accessori
Riflettore intercambiabili
Durata di vita
50,000 ore/L80/B10 (ta 25°C)
Temperatura d'ambiente
Da -25 °C a +35 °C

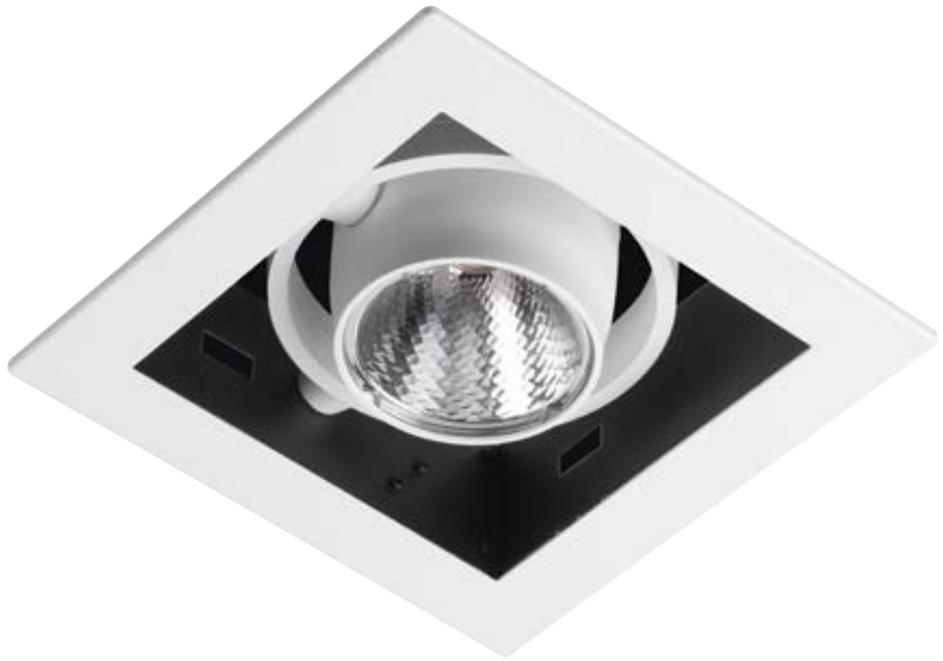
RU

Установка
Потолочная встроенная
Источник света
LED
Оптическая система
РИФЛЕНЫЙ ОТРАЖАТЕЛЬ (FRE)
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Материал
Корпус: литой алюминий + листовая сталь
Отражатель: рифленый анодированный алюминий
Накладка: листовая сталь
Отделка поверхности
Накладка: белый RAL 9003 (W03)
Аксессуары
Сменная отражател
Срок службы
50,000 часов/L80/B10 (ta 25°C)
Температура окружающей среды
От -25°C до +35 °C

ELYS CS/CS2 FOOD

FACET

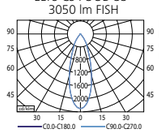
LED



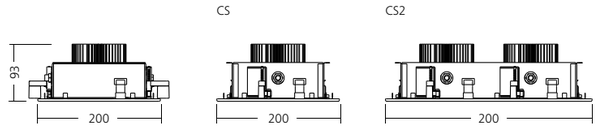
Elys CS/CS2 Food

PHOTOMETRY

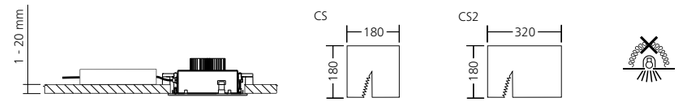
ELYS CS FOOD 33°
3050 lm FISH



LOR = 100%
lower flux fraction 100%
upper flux fraction 0%
UGR <19



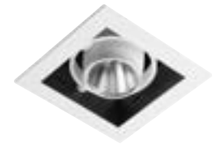
MOUNTING

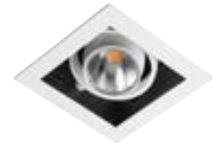


TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE (C0-180, C90-270)	WEIGHT (kg)
ELYS CS FOOD	3050	34	90	SPECIAL	FISH	23°/34°/53°	1.7
ELYS CS FOOD	2500	34	74	SPECIAL	FRUIT	23°/34°/53°	1.7
ELYS CS FOOD	1650	34	49	SPECIAL	MEAT	23°/34°/53°	1.7
ELYS CS FOOD	1900	34	56	SPECIAL	MEAT+	23°/34°/53°	1.7
ELYS CS FOOD	2600	34	76	SPECIAL	GOLD	23°/34°/53°	1.7
ELYS CS FOOD	1900	34	56	SPECIAL	GOLD+	23°/34°/53°	1.7
ELYS CS2 FOOD	6100	66	92	SPECIAL	FISH	23°/34°/53°	2.5
ELYS CS2 FOOD	5000	66	76	SPECIAL	FRUIT	23°/34°/53°	2.5
ELYS CS2 FOOD	3300	66	50	SPECIAL	MEAT	23°/34°/53°	2.5
ELYS CS2 FOOD	3800	66	58	SPECIAL	MEAT+	23°/34°/53°	2.5
ELYS CS2 FOOD	5200	66	79	SPECIAL	GOLD	23°/34°/53°	2.5
ELYS CS2 FOOD	3800	66	58	SPECIAL	GOLD+	23°/34°/53°	2.5

Luminous flux tolerance +/- 10%.

CS







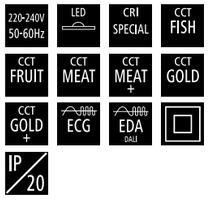
CS2











Colours will retain their original quality, including visual colour saturation and chromatic values.

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 + sheet steel
Reflector: facet anodised aluminium
Trim: sheet steel
Cover: transparent hardened glass
Surface finish
Housing: white RAL 9003 (W03)
Accessories
Exhangeable reflector
Service lifetime
50,000 hours/L80/B50 (ta 25°C)
Ambient temperature
From -25°C to +35 °C

DE

Montage
Einbauleuchte
Lichtquelle
LED
Optisches System
Facettierter Reflektor (FRE)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Material
Körper: Aluminiumdruckguss + Stahlblech
Reflektor: facettiertes eloxiertes Aluminium
Einfassung: Stahlblech
Abdeckung: durchsichtig gehärteter Glas
Oberflächenveredelung
Körper: weiss RAL 9003 (W03)
Zubehör
Austauschbare Reflektor
Lebensdauer
50,000 Stunden/L80/B50 (ta 25°C)
Umgebungstemperatur
Von -25°C bis +35 °C

FR

Montage
Plafonnier encastrable
Source lumineuse
LED
Système optique
Facett 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
Moulure: tôle d'acier
Couvercle: verre trempé transparente
Finition de surface
Corps: blanc RAL 9003 (W03)
Accessoires
Réflecteur échangeables
Durée de vie utile
50,000 heures/L80/B50 (ta 25°C)
Température ambiante
De -25 °C à +35 °C

SK

Montáž
Vsadené
Svetelný zdroj
LED
Optický systém
Fazetový reflektor (FRE)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Materiál
Teleso: hliníkový odliatok + oceľový plech
Reflektor: anodizovaný fazetový hliník
Obruč: oceľový plech
Kryt: transparentné tvrdené sklo
Povrchová úprava
Teleso: biela RAL 9003 (W03)
Príslušenstvo
Vymeniteľný reflektor
Servisná životnosť
50,000 hodín/L80/B50 (ta 25°C)
Teplota okolia
Od -25 °C do +35 °C

ES

Montaje
Empotradas en el techo
Fuente lumínica
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
Reborde: lámina de acero
Cubierta: cristal endurecido transparente
Tratamiento de la superficie
Cuerpo: blanco RAL 9003 (W03)
Accesorios
Reflectore intercambiables
Vida útil
50,000 horas/L80/B50 (ta 25°C)
Temperatura ambiente
Desde -25 °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 + lamina d'acciaio
Riflettore: alluminio anodizzato sfaccettato
Profilo: lamina d'acciaio
Copertura: vetro temperato trasparente
Finitura
Corpo: bianco RAL 9003 (W03)
Accessori
Riflettore intercambiabili
Durata di vita
50,000 ore/L80/B50 (ta 25°C)
Temperatura d'ambiente
Da -25 °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 + листовая сталь
Отражатель: рифленый анодированный алюминий
Накладка: листовая сталь
Крышка: чистое закаленное стекло
Отделка поверхности
Накладка: белый RAL 9003 (W03)
Аксессуары
Сменная отражател
Срок службы
50,000 часов/L80/B50 (ta 25°C)
Температура окружающей среды
От -25°C до +35 °C

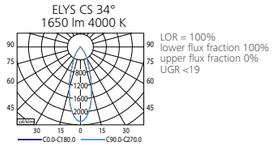
ELYS CS/CS2
FACET
LED

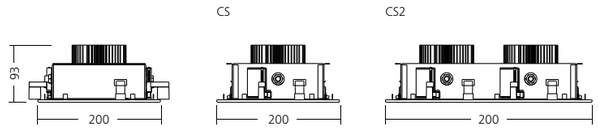


Elys CS/CS2

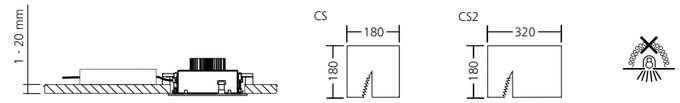
220-240V 50-60Hz | LED | CRI 90+ Ra | CCT 3000 K | CCT 4000 K | ECG | EDA DALI | IP 20

PHOTOMETRY





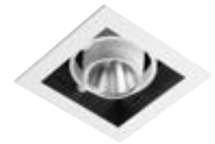
MOUNTING

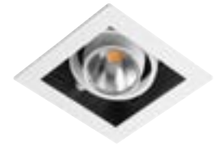


TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE (C0-180, C90-270)	WEIGHT (kg)
ELYS CS	1450	16	91	90+	3000	23°/34°/53°	1.7
ELYS CS	1650	16	103	90+	4000	23°/34°/53°	1.7
ELYS CS	2850	34	84	90+	3000	23°/34°/53°	1.7
ELYS CS	3100	32	97	90+	4000	23°/34°/53°	1.7
ELYS CS2	2900	31	94	90+	3000	23°/34°/53°	2.3
ELYS CS2	3300	31	106	90+	4000	23°/34°/53°	2.3
ELYS CS2	5700	66	86	90+	3000	23°/34°/53°	2.5
ELYS CS2	6200	61	102	90+	4000	23°/34°/53°	2.5

Luminous flux tolerance +/- 10%.

CS

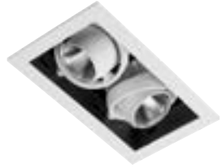






CS2







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 + sheet steel
Reflector: facet anodised aluminium
Trim: sheet steel
Cover: transparent hardened glass
Surface finish
Housing: white RAL 9003 (W03)
Accessories
Exhangeable reflector
Service lifetime
50,000 hours/L80/B10 (ta 25°C) - 16/31W
50,000 hours/L80/B50 (ta 25°C) - 32/34/61/66W
Ambient temperature
From -25°C to +35 °C

DE

Montage
Einbauleuchte
Lichtquelle
LED
Optisches System
Facettierter Reflektor (FRE)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Material
Körper: Aluminiumdruckguss + Stahlblech
Reflektor: facettiertes eloxiertes Aluminium
Einfassung: Stahlblech
Abdeckung: durchsichtig gehärteter Glas
Oberflächenveredelung
Körper: weiss RAL 9003 (W03)
Zubehör
Austauschbare Reflektor
Lebensdauer
50,000 Stunden/L80/B10 (ta 25°C) - 16/31W
50,000 Stunden/L80/B50 (ta 25°C) - 32/34/61/66W
Umgebungstemperatur
Von -25°C bis +35 °C

FR

Montage
Plafonnier encastrable
Source lumineuse
LED
Système optique
Facett 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
Moulure: tôle d'acier
Couvercle: verre trempé transparente
Finition de surface
Corps: blanc RAL 9003 (W03)
Accessoires
Réflecteur échangeables
Durée de vie utile
50,000 heures/L80/B10 (ta 25°C) - 16/31W
50,000 heures/L80/B50 (ta 25°C) - 32/34/61/66W
Température ambiante
De -25 °C à +35 °C

SK

Montáž
Vsadené
Svetelný zdroj
LED
Optický systém
Fazetový reflektor (FRE)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Materiál
Teleso: hliníkový odliatok + oceľový plech
Reflektor: anodizovaný fazetový hliník
Obruč: oceľový plech
Kryt: transparentné tvrdené sklo
Povrchová úprava
Teleso: biela RAL 9003 (W03)
Príslušenstvo
Vymeniteľný reflektor
Servisná životnosť
50,000 hodín/L80/B10 (ta 25°C) - 16/31W
50,000 hodín/L80/B50 (ta 25°C) - 32/34/61/66W
Teplota okolia
Od -25 °C do +35 °C

ES

Montaje
Empotradas en el techo
Fuente lumínica
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
Reborde: lámina de acero
Cubierta: cristal endurecido transparente
Tratamiento de la superficie
Cuerpo: blanco RAL 9003 (W03)
Accesorios
Reflectore intercambiables
Vida útil
50,000 horas/L80/B10 (ta 25°C) - 16/31W
50,000 horas/L80/B50 (ta 25°C) - 32/34/61/66W
Temperatura ambiente
Desde -25 °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 + lamina d'acciaio
Riflettore: alluminio anodizzato sfaccettato
Profilo: lamina d'acciaio
Copertura: vetro temperato trasparente
Finitura
Corpo: bianco RAL 9003 (W03)
Accessori
Riflettore intercambiabili
Durata di vita
50,000 ore/L80/B10 (ta 25°C) - 16/31W
50,000 ore/L80/B50 (ta 25°C) - 32/34/61/66W
Temperatura d'ambiente
Da -25 °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 + листовая сталь
Отражатель: рифленый анодированный алюминий
Накладка: листовая сталь
Крышка: чистое закаленное стекло
Отделка поверхности
Накладка: белый RAL 9003 (W03)
Аксессуары
Сменная отражател
Срок службы
50,000 часов/L80/B10 (ta 25°C) - 16/31W
50,000 часов/L80/B50 (ta 25°C) - 32/34/61/66W
Температура окружающей среды
От -25°C до +35 °C

ZIPAR UNO / DUO / TRIO / QUATRO-S RECESSED

FACET

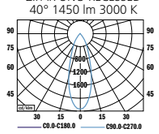
LED



Zipar Uno / Duo / Trio / Quatro-S Recessed

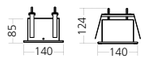
PHOTOMETRY

ZIPAR UNO RECESSED
40° 1450 lm 3000 K



LOR = 100%
lower flux fraction 100%
upper flux fraction 0%
UGR <19

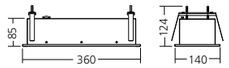
UNO



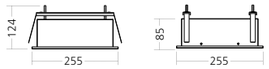
DUO



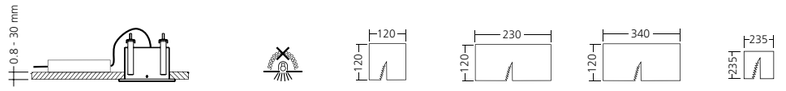
TRIO



QUATRO-S



MOUNTING



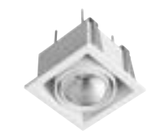
TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE	WEIGHT (kg)
ZIPAR UNO RECESSED	1500	12	121	80+	3000	24°/40°	0.9
ZIPAR UNO RECESSED	1550	12	125	80+	4000	24°/40°	0.9
ZIPAR UNO RECESSED	2400	19	126	80+	3000	24°/40°	0.9
ZIPAR UNO RECESSED	2500	19	132	80+	4000	24°/40°	0.9
ZIPAR UNO RECESSED FIX/DALI	3550	31	115	80+	3000	24°/40°	1.0
ZIPAR UNO RECESSED FIX/DALI	3650	31	118	80+	4000	24°/40°	1.0
ZIPAR DUO RECESSED FIX/DALI	2900	22/28	132/104	80+	3000	24°/40°	1.5
ZIPAR DUO RECESSED FIX/DALI	3000	22/28	136/107	80+	4000	24°/40°	1.5
ZIPAR DUO RECESSED FIX/DALI	4600	39/41	118/112	80+	3000	24°/40°	1.5
ZIPAR DUO RECESSED FIX/DALI	4700	39/41	121/115	80+	4000	24°/40°	1.5
ZIPAR DUO RECESSED	6900	60	115	80+	3000	24°/40°	1.5
ZIPAR DUO RECESSED	7100	60	118	80+	4000	24°/40°	1.5
ZIPAR TRIO RECESSED	4350	33	132	80+	3000	24°/40°	2.8
ZIPAR TRIO RECESSED	4500	33	136	80+	4000	24°/40°	2.8
ZIPAR TRIO RECESSED	6900	57	121	80+	3000	24°/40°	2.8
ZIPAR TRIO RECESSED	7050	57	124	80+	4000	24°/40°	2.8
ZIPAR QUATRO-S RECESSED	5800	44	132	80+	3000	24°/40°	3.2
ZIPAR QUATRO-S RECESSED	6000	44	136	80+	4000	24°/40°	3.2
ZIPAR QUATRO-S RECESSED	9200	74	124	80+	3000	24°/40°	3.2
ZIPAR QUATRO-S RECESSED	9400	74	127	80+	4000	24°/40°	3.2

Luminous flux tolerance +/- 10%

UNO



UNO



DUO



TRIO



QUATRO-S



220-240V 50-60Hz | LED | CRI 80+ Ra | CCT 3000 K | CCT 4000 K | ECG | EDA DALI | IP20

UNO - class II

DUO / TRIO / QUATRO-S - class I

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/B10 (ta 25°C)
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: facettiertes eloxiertes Aluminium
Oberflächenveredelung
Körper: weiss RAL 9003 (W03)
Lebensdauer
50,000 Stunden/L80/B10 (ta 25°C)
Umgebungstemperatur
Von -20 °C bis +35 °C

FR

Montage
Plafonnier encastrable (RCB)
Source lumineuse
LED
Système optique
Facett 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/B10 (ta 25°C)
Température ambiante
De -20 °C à +35 °C

SK

Montáž
Vsadené (RCB)
Svetelný zdroj
LED
Optický systém
Fazetový reflektor (FRE)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Materiál
Teleso: oceľový plech + extrudovaný hliník
Reflektor: anodizovaný fazetový hliník
Povrchová úprava
Teleso: biela RAL 9003 (W03)
Servisná životnosť
50,000 hodín/L80/B10 (ta 25°C)
Teplota okolia
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 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/B10 (ta 25°C)
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/B10 (ta 25°C)
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/B10 (ta 25°C)
Температура окружающей среды
От -20 °C до +35 °C

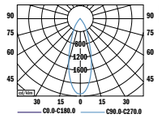
ZIPAR SURFACED
FACET
LED



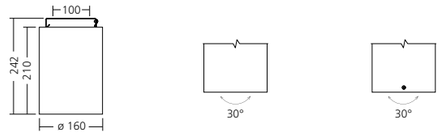
Zipar Surfaced

PHOTOMETRY

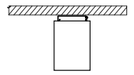
ZIPAR SURFACED
40° 1500 lm 3000 K



LOR = 100%
lower flux fraction 100%
upper flux fraction 0%
UGR <19



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	1500	12	125	80+	3000	24°/40°	2.3
ZIPAR SURFACED	1550	12	129	80+	4000	24°/40°	2.3
ZIPAR SURFACED	2400	19	126	80+	3000	24°/40°	2.4
ZIPAR SURFACED	2500	19	132	80+	4000	24°/40°	2.4
ZIPAR SURFACED	3550	31	115	80+	3000	24°/40°	2.4
ZIPAR SURFACED	3650	31	118	80+	4000	24°/40°	2.4

Luminous flux tolerance +/- 10%

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
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/B10 (ta 25°C)
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/B10 (ta 25°C)
Umgebungstemperatur
Von -20 °C bis +35 °C

FR

Montage
Plafonnier apparent (SFD)
Source lumineuse
LED
Système optique
Facett 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/B10 (ta 25°C)
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)
Materiál
Teleso: extrudovaný hliník
Reflektor: anodizovaný fazetový hliník
Vrchný kryt: oceľový plech
Povrchová úprava
Teleso: biela RAL 9003 (W03)
Servisná životnosť
50,000 hodín/L80/B10 (ta 25°C)
Teplota okolia
Od -20 °C do +35 °C

ES

Montaje
Sobrepuestas en el techo (SFD)
Fuente lumínica
LED
Sistema óttico
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/B10 (ta 25°C)
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/B10 (ta 25°C)
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/B10 (ta 25°C)
Температура окружающей среды
От -20 °C до +35 °C

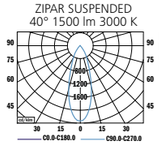
ZIPAR SUPENDED
FACET
LED



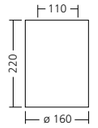
Zipar Suspended

PHOTOMETRY

ZIPAR SUSPENDED
40° 1500 lm 3000 K



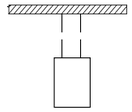
LOR = 100%
lower flux fraction 100%
upper flux fraction 0%
UGR <19







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	1500	12	125	80+	3000	24°/40°	2.3
ZIPAR SUSPENDED	1550	12	129	80+	4000	24°/40°	2.3
ZIPAR SUSPENDED	2400	19	126	80+	3000	24°/40°	2.3
ZIPAR SUSPENDED	2500	19	132	80+	4000	24°/40°	2.3
ZIPAR SUSPENDED	3550	31	115	80+	3000	24°/40°	2.4
ZIPAR SUSPENDED	3650	31	118	80+	4000	24°/40°	2.4

Luminous flux tolerance +/- 10%





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

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/B10 (ta 25°C)
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/B10 (ta 25°C)
Umgebungstemperatur
Von -20 °C bis +35 °C

FR

Montage
Plafonnier Suspendu (SSD)
Source lumineuse
LED
Système optique
Facett 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/B10 (ta 25°C)
Température ambiante
De -20 °C à +35 °C

SK

Montáž
Závesné (SSD)
Svetelný zdroj
LED
Optický systém
Fazetový reflektor (FRE)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Materiál
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/B10 (ta 25°C)
Teplota okolia
Od -20 °C do +35 °C

ES

Montaje
Suspendidas (SSD)
Fuente lumínica
LED
Sistema óptico
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
Cable de suspensión
Tratamiento de la superficie
Cuerpo: blanco RAL 9003 (W03)
Vida útil
50,000 horas/L80/B10 (ta 25°C)
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/B10 (ta 25°C)
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/B10 (ta 25°C)
Температура окружающей среды
От -20 °C до +35 °C

ELYS SU FASHION
FACET
LED



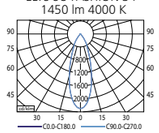
Elys SU Fashion

220-240V 50-60Hz | LED | CRI 98 Ra | CCT 3000 K | ECG | EDA DALI | IP 20

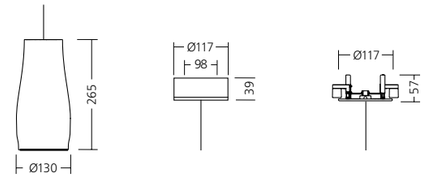
Colours will retain their quality, including visually pleasing surfaces, colour saturation and chromatic values.

PHOTOMETRY

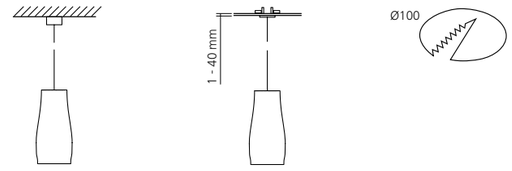
ELYS SU FASHION 34°
1450 lm 4000 K



LOR = 100%
lower flux fraction 100%
upper flux fraction 0%
UGR <19



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)
ELYS SU FASHION	1450	22	66	98	3000	23°/34°/53°	2.6
ELYS SU FASHION	1900	30	63	98	3000	23°/34°/53°	2.6

Luminous flux tolerance +/- 10%.

SSR



SSD





EN

Mounting
Suspended (SSD)
Suspended - ceiling recessed (SSR)
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
Surface finish
Housing: white RAL 9003 (W03)
Accessories
Exhangeable reflector
Service lifetime
50,000 hours/L80/B10 (ta 25°C)
Ambient temperature
From -25 °C to +40 °C

DE

Montage
Hängend (SSD)
Hängend - Einbauleuchte (SSR)
Lichtquelle
LED
Optisches System
Facettierter Reflektor (FRE)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Material
Körper: Aluminiumdruckguss
Reflektor: facettiertes eloxiertes Aluminium
Oberflächenveredelung
Körper: Weiss RAL 9003 (W03)
Zubehör
Austauschbare Reflektor
Lebensdauer
50,000 Stunden/L80/B10 (ta 25°C)
Umgebungstemperatur
Von -25 °C bis +40 °C

FR

Montage
Plafonnier Suspendu (SSD)
Plafonnier Suspendu - plafonnier encastrable (SSR)
Source lumineuse
LED
Système optique
Facett réflecteur (FRE)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Matériels
Corps: aluminium moulé sous pression
Réflecteur: aluminium à l'aspect anodisé
Finition de surface
Corps: blanc RAL 9003 (W03)
Accessoires
Réflecteur échangeables
Durée de vie utile
50,000 heures/L80/B10 (ta 25°C)
Température ambiante
De -25 °C à +40 °C

SK

Montáž
Závesné (SSD)
Závesné - vsadené (SSR)
Svetelný zdroj
LED
Optický systém
Fazetový reflektor (FRE)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Materiál
Teleso: hliníkový odliatok
Reflektor: anodizovaný fazetový hliník
Povrchová úprava
Teleso: biela RAL 9003 (W03)
Príslušenstvo
Vymeniteľný reflektor
Servisná životnosť
50,000 hodín/L80/B10 (ta 25°C)
Teplota okolia
Od -25 °C do +40 °C

ES

Montaje
Suspendidas (SSD)
Suspendidas - empotradas en el techo (SSR)
Fuente lumínica
LED
Sistema óptico
Reflector facetado (FRE)
Cableado
Equipo de control electronico FIX/DALI (ECG/EDA)
Material
Cuerpo: aluminio moldeado
Reflector: aluminio anodizado facetado
Tratamiento de la superficie
Cuerpo: blanco RAL 9003 (W03)
Accesorios
Reflectore intercambiables
Vida útil
50,000 horas/L80/B10 (ta 25°C)
Temperatura ambiente
Desde -25 °C a +40 °C

IT

Installazione
A sospensione (SSD)
A sospensione - ad incasso a soffitto (SSR)
Sorgente luminosa
LED
Sistema ottico
Riflettore sfaccettato (FRE)
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Materiali
Corpo: pressofusione di alluminio
Riflettore: alluminio anodizzato sfaccettato
Finitura
Corpo: bianco RAL 9003 (W03)
Accessori
Riflettore intercambiabili
Durata di vita
50,000 ore/L80/B10 (ta 25°C)
Temperatura d'ambiente
Da -25 °C a +40 °C

RU

Установка
Подвесная (SSD)
Подвесная - потолочная встроенная (SSR)
Источник света
LED
Оптическая система
Рифленый отражатель (FRE)
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Материал
Корпус: литой алюминий
Отражатель: рифленый анодированный алюминий
Отделка поверхности
Корпус: белый RAL 9003 (W03)
Аксессуары
Сменная отражател
Срок службы
50,000 часов/L80/B10 (ta 25°C)
Температура окружающей среды
От -25 °C до +40 °C

ELYS SU FOOD
FACET
LED



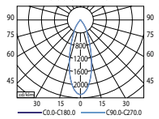
Elys SU Food

220-240V 50-60Hz | LED | CRI SPECIAL | CCT FISH | CCT FRUIT | CCT MEAT | CCT MEAT+ | CCT GOLD | CCT GOLD+ | ECG | EDA DALI | IP20

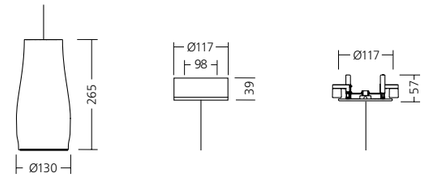
Colours will retain their original quality, including visual colour saturation and chromatic values.

PHOTOMETRY

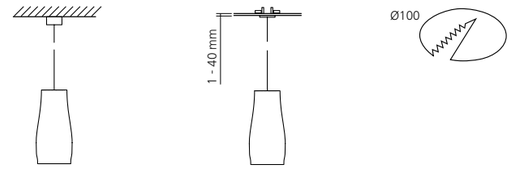
ELYS SU FOOD 33°
3050 lm FISH



LOR = 100%
lower flux fraction 100%
upper flux fraction 0%
UGR <19



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)
ELYS SU FOOD	3050	34	90	SPECIAL	FISH	23°/34°/53°	2.6
ELYS SU FOOD	2500	34	74	SPECIAL	FRUIT	23°/34°/53°	2.6
ELYS SU FOOD	1650	34	49	SPECIAL	MEAT	23°/34°/53°	2.6
ELYS SU FOOD	1900	34	56	SPECIAL	MEAT+	23°/34°/53°	2.6
ELYS SU FOOD	2600	34	76	SPECIAL	GOLD	23°/34°/53°	2.6
ELYS SU FOOD	1900	34	56	SPECIAL	GOLD+	23°/34°/53°	2.6

Luminous flux tolerance +/- 10%.

SSR



SSD





EN

Mounting
Suspended (SSD)
Suspended - ceiling recessed (SSR)
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
Cover: transparent hardened glass
Surface finish
Housing: white RAL 9003 (W03)
Accessories
Exhangeable reflector
Service lifetime
50,000 hours/L80/B10 (ta 25°C)
Ambient temperature
From -25 °C to +40 °C

DE

Montage
Hängend (SSD)
Hängend - Einbauleuchte (SSR)
Lichtquelle
LED
Optisches System
Facettierter Reflektor (FRE)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Material
Körper: Aluminiumdruckguss
Reflektor: facettiertes eloxiertes Aluminium
Abdeckung: durchsichtig gehärteter Glas
Oberflächenveredelung
Körper: Weiss RAL 9003 (W03)
Zubehör
Austauschbare Reflektor
Lebensdauer
50,000 Stunden/L80/B10 (ta 25°C)
Umgebungstemperatur
Von -25 °C bis +40 °C

FR

Montage
Plafonnier Suspendu (SSD)
Plafonnier Suspendu - plafonnier encastrable (SSR)
Source lumineuse
LED
Système optique
Facett réflecteur (FRE)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Matériels
Corps: aluminium moulé sous pression
Réflecteur: aluminium à l'aspect anodisé
Couvercle: verre trempé transparente
Finition de surface
Corps: blanc RAL 9003 (W03)
Accessoires
Réflecteur échangeables
Durée de vie utile
50,000 heures/L80/B10 (ta 25°C)
Température ambiante
De -25 °C à +40 °C

SK

Montáž
Závesné (SSD)
Závesné - vsadené (SSR)
Svetelný zdroj
LED
Optický systém
Fazetový reflektor (FRE)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Materiál
Teleso: hliníkový odliatok
Reflektor: anodizovaný fazetový hliník
Kryt: transparentné tvrdené sklo
Povrchová úprava
Teleso: biela RAL 9003 (W03)
Príslušenstvo
Vymeniteľný reflektor
Servisná životnosť
50,000 hodín/L80/B10 (ta 25°C)
Teplota okolia
Od -25 °C do +40 °C

ES

Montaje
Suspendidas (SSD)
Suspendidas - empotradas en el techo (SSR)
Fuente lumínica
LED
Sistema óptico
Reflector facetado (FRE)
Cableado
Equipo de control electronico FIX/DALI (ECG/EDA)
Material
Cuerpo: aluminio moldeado
Reflector: aluminio anodizado facetado
Cubierta: cristal endurecido transparente
Tratamiento de la superficie
Cuerpo: blanco RAL 9003 (W03)
Accesorios
Reflectore intercambiables
Vida útil
50,000 horas/L80/B10 (ta 25°C)
Temperatura ambiente
Desde -25 °C a +40 °C

IT

Installazione
A sospensione (SSD)
A sospensione - ad incasso a soffitto (SSR)
Sorgente luminosa
LED
Sistema ottico
Riflettore sfaccettato (FRE)
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Materiali
Corpo: pressofusione di alluminio
Riflettore: alluminio anodizzato sfaccettato
Copertura: vetro temperato trasparente
Finitura
Corpo: bianco RAL 9003 (W03)
Accessori
Riflettore intercambiabili
Durata di vita
50,000 ore/L80/B10 (ta 25°C)
Temperatura d'ambiente
Da -25 °C a +40 °C

RU

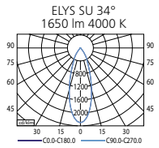
Установка
Подвесная (SSD)
Подвесная - потолочная встроенная (SSR)
Источник света
LED
Оптическая система
Рифленый отражатель (FRE)
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Материал
Корпус: литой алюминий
Отражатель: рифленый анодированный алюминий
Крышка: чистое закаленное стекло
Отделка поверхности
Корпус: белый RAL 9003 (W03)
Аксессуары
Сменная отражатель
Срок службы
50,000 часов/L80/B10 (ta 25°C)
Температура окружающей среды
От -25 °C до +40 °C

ELYS SU
FACET
LED

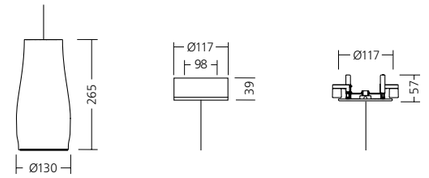


Elys SU

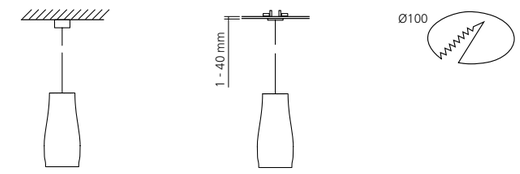
PHOTOMETRY



LOR = 100%
lower flux fraction 100%
upper flux fraction 0%
UGR <19



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)
ELYS SU	1450	16	91	90+	3000	23°/34°/53°	2.6
ELYS SU	1650	16	103	90+	4000	23°/34°/53°	2.6
ELYS SU	2850	34	84	90+	3000	23°/34°/53°	2.6
ELYS SU	3100	32	97	90+	4000	23°/34°/53°	2.6

Luminous flux tolerance +/- 10%.

SSR



SSD





220-240V 50-60Hz | LED | CRI 90+ Ra | CCT 3000 K | CCT 4000 K | ECG | EDA DALI | IP 20

EN

Mounting
Suspended (SSD)
Suspended - ceiling recessed (SSR)
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
Cover: transparent hardened glass
Surface finish
Housing: white RAL 9003 (W03)
Accessories
Exhangeable reflector
Service lifetime
50,000 hours/L80/B10 (ta 25°C)
Ambient temperature
From -25 °C to +40 °C

DE

Montage
Hängend (SSD)
Hängend - Einbauleuchte (SSR)
Lichtquelle
LED
Optisches System
Facettierter Reflektor (FRE)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Material
Körper: Aluminiumdruckguss
Reflektor: facettiertes eloxiertes Aluminium
Abdeckung: durchsichtig gehärteter Glas
Oberflächenveredelung
Körper: Weiss RAL 9003 (W03)
Zubehör
Austauschbare Reflektor
Lebensdauer
50,000 Stunden/L80/B10 (ta 25°C)
Umgebungstemperatur
Von -25 °C bis +40 °C

FR

Montage
Plafonnier Suspendu (SSD)
Plafonnier Suspendu - plafonnier encastrable (SSR)
Source lumineuse
LED
Système optique
Facett réflecteur (FRE)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Matériels
Corps: aluminium moulé sous pression
Réflecteur: aluminium à l'aspect anodisé
Couvercle: verre trempé transparente
Finition de surface
Corps: blanc RAL 9003 (W03)
Accessoires
Réflecteur échangeables
Durée de vie utile
50,000 heures/L80/B10 (ta 25°C)
Température ambiante
De -25 °C à +40 °C

SK

Montáž
Závesné (SSD)
Závesné - vsadené (SSR)
Svetelný zdroj
LED
Optický systém
Fazetový reflektor (FRE)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Materiál
Teleso: hliníkový odliatok
Reflektor: anodizovaný fazetový hliník
Kryt: transparentné tvrdené sklo
Povrchová úprava
Teleso: biela RAL 9003 (W03)
Príslušenstvo
Vymeniteľný reflektor
Servisná životnosť
50,000 hodín/L80/B10 (ta 25°C)
Teplota okolia
Od -25 °C do +40 °C

ES

Montaje
Suspendidas (SSD)
Suspendidas - empotradas en el techo (SSR)
Fuente lumínica
LED
Sistema óptico
Reflector facetado (FRE)
Cableado
Equipo de control electronico FIX/DALI (ECG/EDA)
Material
Cuerpo: aluminio moldeado
Reflector: aluminio anodizado facetado
Cubierta: cristal endurecido transparente
Tratamiento de la superficie
Cuerpo: blanco RAL 9003 (W03)
Accesorios
Reflectore intercambiables
Vida útil
50,000 horas/L80/B10 (ta 25°C)
Temperatura ambiente
Desde -25 °C a +40 °C

IT

Installazione
A sospensione (SSD)
A sospensione - ad incasso a soffitto (SSR)
Sorgente luminosa
LED
Sistema ottico
Riflettore sfaccettato (FRE)
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Materiali
Corpo: pressofusione di alluminio
Riflettore: alluminio anodizzato sfaccettato
Copertura: vetro temperato trasparente
Finitura
Corpo: bianco RAL 9003 (W03)
Accessori
Riflettore intercambiabili
Durata di vita
50,000 ore/L80/B10 (ta 25°C)
Temperatura d'ambiente
Da -25 °C a +40 °C

RU

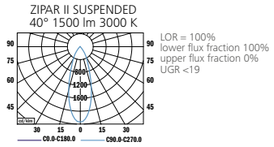
Установка
Подвесная (SSD)
Подвесная - потолочная встроенная (SSR)
Источник света
LED
Оптическая система
Рифленый отражатель (FRE)
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Материал
Корпус: литой алюминий
Отражатель: рифленый анодированный алюминий
Крышка: чистое закаленное стекло
Отделка поверхности
Корпус: белый RAL 9003 (W03)
Аксессуары
Сменная отражател
Срок службы
50,000 часов/L80/B10 (ta 25°C)
Температура окружающей среды
От -25 °C до +40 °C

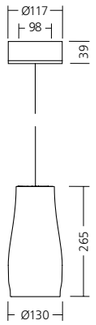
ZIPAR II SUSPENDED
FACET
LED



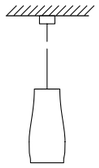
Zipar II Suspended

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 II SUSPENDED	1500	12	125	80+	3000	24°/40°	2.6
ZIPAR II SUSPENDED	1550	12	129	80+	4000	24°/40°	2.6
ZIPAR II SUSPENDED	2400	19	126	80+	3000	24°/40°	2.6
ZIPAR II SUSPENDED	2500	19	132	80+	4000	24°/40°	2.6
ZIPAR II SUSPENDED	3550	31	115	80+	3000	24°/40°	2.6
ZIPAR II SUSPENDED	3650	31	118	80+	4000	24°/40°	2.6

Luminous flux tolerance +/- 10%

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

EN

Mounting
Suspended (SSD)
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
Cover: transparent hardened glass
Surface finish
Housing: white RAL 9003 (W03)
Accessories
Exhangeable reflector
Service lifetime
50,000 hours/L80/B10 (ta 25°C)
Ambient temperature
From -20 °C to +45 °C

DE

Montage
Hängend (SSD)
Lichtquelle
LED
Optisches System
Facettierter Reflektor (FRE)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Material
Körper: Aluminiumdruckguss
Reflektor: facettiertes eloxiertes Aluminium
Abdeckung: durchsichtig gehärteter Glas
Oberflächenveredelung
Körper: Weiss RAL 9003 (W03)
Zubehör
Austauschbare Reflektor
Lebensdauer
50,000 Stunden/L80/B10 (ta 25°C)
Umgebungstemperatur
Von -20 °C bis +35 °C

FR

Montage
Plafonnier Suspendu (SSD)
Source lumineuse
LED
Système optique
Facett réflecteur (FRE)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Matériels
Corps: aluminium moulé sous pression
Réflecteur: aluminium à l'aspect anodisé
Couvercle: verre trempé transparente
Finition de surface
Corps: blanc RAL 9003 (W03)
Accessoires
Réflecteur échangeables
Durée de vie utile
50,000 heures/L80/B10 (ta 25°C)
Température ambiante
De -20 °C à +35 °C

SK

Montáž
Závesné (SSD)
Svetelný zdroj
LED
Optický systém
Fazetový reflektor (FRE)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Materiál
Teleso: hliníkový odliatok
Reflektor: anodizovaný fazetový hliník
Kryt: transparentné tvrdené sklo
Povrchová úprava
Teleso: biela RAL 9003 (W03)
Príslušenstvo
Vymeniteľný reflektor
Servisná životnosť
50,000 hodín/L80/B10 (ta 25°C)
Teplota okolia
Od -20 °C do +35 °C

ES

Montaje
Suspendidas (SSD)
Fuente luminica
LED
Sistema óptico
Reflector facetado (FRE)
Cableado
Equipo de control electronico FIX/DALI (ECG/EDA)
Material
Cuerpo: aluminio moldeado
Reflector: aluminio anodizado facetado
Cubierta: cristal endurecido transparente
Tratamiento de la superficie
Cuerpo: blanco RAL 9003 (W03)
Accesorios
Reflectore intercambiables
Vida útil
50,000 horas/L80/B10 (ta 25°C)
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: pressofusione di alluminio
Riflettore: alluminio anodizzato sfaccettato
Copertura: vetro temperato trasparente
Finitura
Corpo: bianco RAL 9003 (W03)
Accessori
Riflettore intercambiabili
Durata di vita
50,000 ore/L80/B10 (ta 25°C)
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: литой алюминий
Отражатель: рифленый анодированный алюминий
Крышка: чистое закаленное стекло
Отделка поверхности
Корпус: белый RAL 9003 (W03)
Аксессуары
Сменная отражател
Срок службы
50,000 часов/L80/B10 (ta 25°C)
Температура окружающей среды
От -20 °C до +35 °C

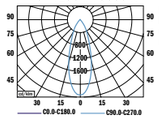
CADAN SUSPENDED
FACET
LED



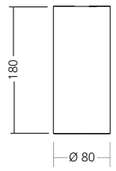
Cadan Suspended

PHOTOMETRY

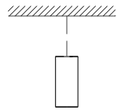
CADAN SUSPENDED
40° 1250 lm 3000 K



LOR = 100%
lower flux fraction 100%
upper flux fraction 0%
UGR <19



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	1250	10	125	80+	3000	24°/40°	0.9
CADAN SUSPENDED	1300	10	130	80+	4000	24°/40°	0.9
CADAN SUSPENDED	2150	18	119	80+	3000	24°/40°	0.9
CADAN SUSPENDED	2250	18	125	80+	4000	24°/40°	0.9

Luminous flux tolerance +/- 10%

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

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/B10 (ta 25°C)
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/B10 (ta 25°C)
Umgebungstemperatur
Von -20 °C bis +35 °C

FR

Montage
Plafonnier Suspendu (SSD)
Source lumineuse
LED
Système optique
Facett 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/B10 (ta 25°C)
Température ambiante
De -20 °C à +35 °C

SK

Montáž
Závesné (SSD)
Svetelný zdroj
LED
Optický systém
Fazetový reflektor (FRE)
Elektrická výbava
Elektronický predradník FIX (ECG)
Materiál
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/B10 (ta 25°C)
Teplota okolia
Od -20 °C do +35 °C

ES

Montaje
Suspendidas (SSD)
Fuente lumínica
LED
Sistema óptico
Reflector facetado (FRE)
Cableado
Equipo de control electronico 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)
Accesorios
Reflectore intercambiables
Vida útil
50,000 horas/L80/B10 (ta 25°C)
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)
Accessori
Riflettore intercambiabili
Durata di vita
50,000 ore/L80/B10 (ta 25°C)
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/B10 (ta 25°C)
Температура окружающей среды
От -20 °C до +35 °C

GHADA 1 SUSPENDED

LENSES

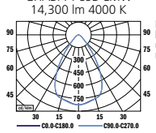
LED



Ghada 1 Suspended

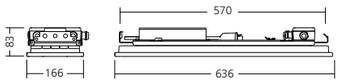
PHOTOMETRY

GHADA 1 SSD LMW
14,300 lm 4000 K

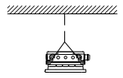


LOR = 100%
lower flux fraction 100%
upper flux fraction 0%
UGR <22





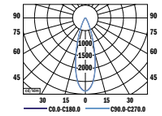
MOUNTING



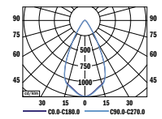
TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE (C0-180, C90-270)	WEIGHT (kg)
GHADA 1 SSD LDE/LME/LMW/LCO	14,300	123	116	80+	4000	29°/53°/66°/102°, 23°	7.2
GHADA 1 SSD LDE/LME/LMW/LCO	14,250	123	116	80+	5000	29°/53°/66°/102°, 23°	7.2
GHADA 1 SSD LDE/LME/LMW/LCO	16,000	123	130	70+	4000	29°/53°/66°/102°, 23°	7.2
GHADA 1 SSD LDE/LME/LMW/LCO	16,350	123	133	70+	5000	29°/53°/66°/102°, 23°	7.2

Luminous flux tolerance +/- 10%.

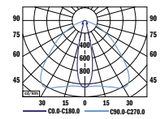
LDE (29°)



LME (53°)



LCO (103°, 24°)



220-240V 50-60Hz | LED | CRI 70+ Ra | CRI 80+ Ra | CCT 4000 K | CCT 5000 K | ECG | EDA DALI | IP 65 | IK 07

EN

Mounting
Suspended (SSD)
Light source
LED
Optical system
Deep lenses (LDE)
Medium lenses (LME)
Medium wide lenses (LMW)
Corridor lenses (LCO)
Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Materials
Housing: die-cast aluminium + sheet steel
Cover: transparent hardened glass
Lenses: PMMA
Chain suspension
Surface finish
Housing: black RAL 9005 (B05)
Service lifetime
100,000 hours/L80/B10 (ta 25°C)
Ambient temperature
From -40 °C to +45 °C

DE

Montage
Hängend (SSD)
Lichtquelle
LED
Optisches System
Tiefe Linsen (LDE)
Mittel Linsen (LME)
Medium weiten Linsen (LMW)
Corridor Linsen (LCO)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Material
Körper: Aluminiumdruckguss + Stahlblech
Abdeckung: durchsichtiger gehärteter Glas
Linsen: PMMA
Kettenaufhängung
Oberflächenveredelung
Körper: schwarz RAL 9005 (B05)
Lebensdauer
100,000 Stunden/L80/B10 (ta 25°C)
Umgebungstemperatur
Von -40 °C bis +45 °C

FR

Montage
Plafonnier Suspendu (SSD)
Source lumineuse
LED
Système optique
Profonde lentiles (LDE)
Moyen lentiles (LME)
Medium-large lentiles (LMW)
Corridor lentiles (LCO)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Matériels
Corps: aluminium moulé sous pression + tôle d'acier
Couvercle: verre trempé transparente
Lentiles: PMMA
Suspension de chaîne
Finition de surface
Corps: noir RAL 9005 (B05)
Durée de vie utile
100,000 heures/L80/B10 (ta 25°C)
Température ambiante
De -40 °C à +45 °C

SK

Montáž
Závesné (SSD)
Svetelný zdroj
LED
Optický systém
Hlboké šošovky (LDE)
Stredné šošovky (LME)
Stredne široké šošovky (LMW)
Corridor šošovky (LCO)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Materiál
Teleso: hliníkový odliatok + oceľový plech
Kryt: transparentné tvrdené sklo
Šošovky: PMMA
Reťazový záves
Povrchová úprava
Teleso: čierna RAL 9005 (B05)
Servisná životnosť
100,000 hodín/L80/B10 (ta 25°C)
Teplota okolia
Od -40 °C do +45 °

ES

Montaje
Suspendidas (SSD)
Fuente lumínica
LED
Sistema óptico
Lentes profunda (LDE)
Lentes medio (LME)
Lentes de anchura media (LMW)
Lentes de corridor (LCO)
Cableado
Equipo de control electronico FIX/DALI (ECG/EDA)
Material
Cuerpo: aluminio moldeado + lámina de acero
Cubierta: cristal endurecido transparente
Lentes: PMMA
Cadena de suspensión
Tratamiento de la superficie
Cuerpo: negro RAL 9005 (B05)
Vida útil
100,000 horas/L80/B10 (ta 25°C)
Temperatura ambiente
Desde -40 °C a +45 °C

IT

Installazione
A sospensione (SSD)
Sorgente luminosa
LED
Sistema ottico
Lenti profondo (LDE)
Lenti medio (LME)
Lenti a livello medio (LMW)
Lenti a corridor (LCO))
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Materiali
Corpo: pressofusione di alluminio + lamina d'acciaio
Copertura: vetro temperato trasparente
Lenti: PMMA
Catena di sospensione
Finitura
Corpo: nero RAL 9005 (B05)
Durata di vita
100,000 ore/L80/B10 (ta 25°C)
Temperatura d'ambiente
Da -40 °C a +45 °C

RU

Установка
Подвесная (SSD)
Источник света
LED
Оптическая система
Глубокие линзы (LDE)
Средний линзы (LME)
Средней ширины линзы (LMW)
Corridor линзы (LCO)
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Материал
Корпус: литой алюминий + листовая сталь
Крышка: чистое закаленное стекло
Линзы: PMMA
Цепной подвес
Отделка поверхности
Корпус: черный RAL 9005 (B05)
Срок службы
100,000 часов/L80/B10 (ta 25°C)
Температура окружающей среды
От -40 °C до +45 °C

GHADA 1 SURFACED

LENSES

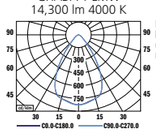
LED



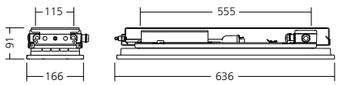
Ghada 1 Surfaced

PHOTOMETRY

GHADA 1 LMW
14,300 lm 4000 K



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







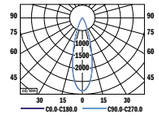
MOUNTING



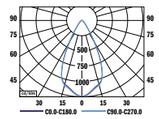
TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE (C0-180, C90-270)	WEIGHT (kg)
GHADA 1 SFD LDE/LME/LMW/LCO	14,300	123	116	80+	4000	29°/53°/66°/102°, 23°	8.4
GHADA 1 SFD LDE/LME/LMW/LCO	14,250	123	116	80+	5000	29°/53°/66°/102°, 23°	8.4
GHADA 1 SFD LDE/LME/LMW/LCO	16,000	123	130	70+	4000	29°/53°/66°/102°, 23°	8.4
GHADA 1 SFD LDE/LME/LMW/LCO	16,350	123	133	70+	5000	29°/53°/66°/102°, 23°	8.4

Luminous flux tolerance +/- 10%.

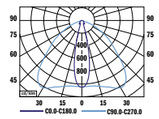
LDE (29°)



LME (53°)



LCO (103°, 24°)



220-240V 50-60Hz | LED | CRI 70+ Ra | CRI 80+ Ra | CCT 4000 K | CCT 5000 K | ECG | EDA DALI | IP 65 | IK 07

EN

Mounting
Ceiling surfaced (SFD)
Light source
LED
Optical system
Deep lenses (LDE)
Medium lenses (LME)
Medium wide lenses (LMW)
Corridor lenses (LCO)
Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Materials
Housing: die-cast aluminium + sheet steel
Cover: transparent hardened glass
Lenses: PMMA
Safety wires
Surface finish
Housing: black RAL 9005 (B05)
Service lifetime
100,000 hours/L80/B10 (ta 25°C)
Ambient temperature
From -40 °C to +45 °C

DE

Montage
Deckenleuchte (SFD)
Lichtquelle
LED
Optisches System
Tiefe Linsen (LDE)
Mittel Linsen (LME)
Medium weiten Linsen (LMW)
Corridor Linsen (LCO)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Material
Körper: Aluminiumdruckguss + Stahlblech
Abdeckung: durchsichtiger gehärteter Glas
Linsen: PMMA
Sicherungsseile
Oberflächenveredelung
Körper: schwarz RAL 9005 (B05)
Lebensdauer
100,000 Stunden/L80/B10 (ta 25°C)
Umgebungstemperatur
Von -40 °C bis +45 °C

FR

Montage
Plafonnier apparent (SFD)
Source lumineuse
LED
Système optique
Profonde lentiles (LDE)
Moyen lentiles (LME)
Medium-large lentiles (LMW)
Corridor lentiles (LCO)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Matériels
Corps: aluminium moulé sous pression + tôle d'acier
Couvercle: verre trempé transparente
Lentiles: PMMA
Des fils de sécurité
Finition de surface
Corps: noir RAL 9005 (B05)
Durée de vie utile
100,000 heures/L80/B10 (ta 25°C)
Température ambiante
De -40 °C à +45 °C

SK

Montáž
Prisadené (SFD)
Svetelný zdroj
LED
Optický systém
Hlboké šošovky (LDE)
Stredné šošovky (LME)
Stredne široké šošovky (LMW)
Corridor šošovky (LCO)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Materiál
Teleso: hliníkový odliatok + oceľový plech
Kryt: transparentné tvrdené sklo
Šošovky: PMMA
Poistné lanká
Povrchová úprava
Teleso: čierna RAL 9005 (B05)
Servisná životnosť
100,000 hodín/L80/B10 (ta 25°C)
Teplota okolia
Od -40 °C do +45 °

ES

Montaje
Sobrepuestas en el techo (SFD)
Fuente lumínica
LED
Sistema óptico
Lentes profunda (LDE)
Lentes medio (LME)
Lentes de anchura media (LMW)
Lentes de Corridor (LCO)
Cableado
Equipo de control electronico FIX/DALI (ECG/EDA)
Material
Cuerpo: aluminio moldeado + lámina de acero
Cubierta: cristal endurecido transparente
Lentes: PMMA
Cables de seguridad
Tratamiento de la superficie
Cuerpo: negro RAL 9005 (B05)
Vida útil
100,000 horas/L80/B10 (ta 25°C)
Temperatura ambiente
Desde -40 °C a +45 °C

IT

Installazione
A plafone (SFD)
Sorgente luminosa
LED
Sistema ottico
Lenti profondo (LDE)
Lenti medio (LME)
Lenti a livello medio (LMW)
Lenti a corridor (LCO))
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Materiali
Corpo: pressofusione di alluminio + lamina d'acciaio
Copertura: vetro temperato trasparente
Lenti: PMMA
Cavo di sicurezza
Finitura
Corpo: nero RAL 9005 (B05)
Durata di vita
100,000 ore/L80/B10 (ta 25°C)
Temperatura d'ambiente
Da -40 °C a +45 °C

RU

Установка
Потолочная накладная (SFD)
Источник света
LED
Оптическая система
Глубокие линзы (LDE)
Средний линзы (LME)
Средней ширины линзы (LMW)
Corridor линзы (LCO)
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Материал
Корпус: литой алюминий + листовая сталь
Крышка: чистое закаленное стекло
Линзы: PMMA
Контровочная проволока
Отделка поверхности
Корпус: черный RAL 9005 (B05)
Срок службы
100,000 часов/L80/B10 (ta 25°C)
Температура окружающей среды
От -40 °C до +45 °C

GHADA 2 SUSPENDED

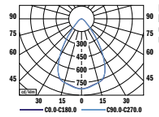
LENSES
LED



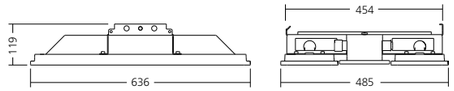
Ghada 2 Suspended

PHOTOMETRY

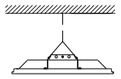
GHADA 2 SSD LMW (66°)
19,650 lm 4000 K



LOR = 100%
lower flux fraction 100%
upper flux fraction 0%
UGR <19



MOUNTING



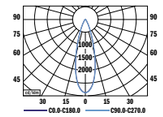
TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE (C0-180, C90-270)	WEIGHT (kg)
GHADA 2 SSD LDE/LME	19,650	159	124	80+	4000	30°/53°	13.4
GHADA 2 SSD LDE/LME	19,900	134	149	70+	4000	30°/53°	13.4
GHADA 2 SSD LDE/LME	26,750	217	123	80+	4000	30°/53°	13.4
GHADA 2 SSD LDE/LME	27,800	194	143	70+	4000	30°/53°	13.4
GHADA 2 SSD LMW	19,450	159	122	80+	4000	66°	13.4
GHADA 2 SSD LMW	19,650	134	147	70+	4000	66°	13.4
GHADA 2 SSD LMW	26,450	217	122	80+	4000	66°	13.4
GHADA 2 SSD LMW	27,500	194	142	70+	4000	66°	13.4
GHADA 2 SSD LCO	18,800	159	118	80+	4000	103°, 24°	13.4
GHADA 2 SSD LCO	19,050	134	142	70+	4000	103°, 24°	13.4
GHADA 2 SSD LCO	25,600	217	118	80+	4000	103°, 24°	13.4
GHADA 2 SSD LCO	26,600	194	137	70+	4000	103°, 24°	13.4

Luminous flux tolerance +/- 10%.

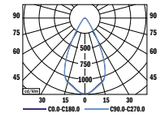




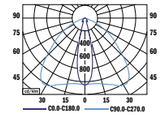
LDE (30°)



LME (53°)



LCO (103°, 24°)



220-240V 50-60Hz | LED | CRI 70+ Ra | CRI 80+ Ra | CCT 4000 K | ECG | EDA DALI | IP65 | IK07

EN

Mounting
Suspended (SSD)
Light source
LED
Optical system
Deep lenses (LDE)
Medium lenses (LME)
Medium wide lenses (LMW)
Corridor lenses (LCO)
Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Materials
Housing: die-cast aluminium + sheet steel
Cover: transparent hardened glass
Lenses: PMMA
Surface finish
Housing: black RAL 9005 (B05)
Accessories
Rope suspension
Service lifetime
100,000 hours/L90/B10 (ta 25°C)
Ambient temperature
From -40 °C to +55 °C

DE

Montage
Hängend (SSD)
Lichtquelle
LED
Optisches System
Tiefe Linsen (LDE)
Mittel Linsen (LME)
Medium weiten Linsen (LMW)
Corridor Linsen (LCO)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Material
Körper: Aluminiumdruckguss + Stahlblech
Abdeckung: durchsichtiger gehärteter Glas
Linsen: PMMA
Oberflächenveredelung
Körper: schwarz RAL 9005 (B05
Zubehör
Seilaufhängung
Lebensdauer
100,000 Stunden/L90/B10 (ta 25°C)
Umgebungstemperatur
Von -40 °C bis +55 °C

FR

Montage
Plafonnier Suspendu (SSD)
Source lumineuse
LED
Système optique
Profonde lentiles (LDE)
Moyen lentiles (LME)
Medium-large lentiles (LMW)
Corridor lentiles (LCO)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Matériels
Corps: aluminium moulé sous pression + tôle d'acier
Couvercle: verre trempé transparente
Lentiles: PMMA
Finition de surface
Corps: noir RAL 9005 (B05)
Accessoires
Câble de suspension
Durée de vie utile
100,000 heures/L90/B10 (ta 25°C)
Température ambiante
De -40 °C à +55 °C

SK

Montáž
Závesné (SSD)
Svetelný zdroj
LED
Optický systém
Hlboké šošovky (LDE)
Stredné šošovky (LME)
Stredne široké šošovky (LMW)
Corridor šošovky (LCO)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Materiál
Teleso: hliníkový odliatok + oceľový plech
Kryt: transparentné tvrdené sklo
Šošovky: PMMA
Povrchová úprava
Teleso: čierna RAL 9005 (B05)
Príslušenstvo
Lankový záves
Servisná životnosť
100,000 hodín/L90/B10 (ta 25°C)
Teplota okolia
Od -40 °C do +55 °

ES

Montaje
Suspendidas (SSD)
Fuente lumínica
LED
Sistema óptico
Lentes profunda (LDE)
Lentes medio (LME)
Lentes de anchura media (LMW)
Lentes de Corridor (LCO)
Cableado
Equipo de control electronico FIX/DALI (ECG/EDA)
Material
Cuerpo: aluminio moldeado + lámina de acero
Cubierta: cristal endurecido transparente
Lentes: PMMA
Tratamiento de la superficie
Cuerpo: negro RAL 9005 (B05)
Accesorios
Cable de suspensión
Vida útil
100,000 horas/L90/B10 (ta 25°C)
Temperatura ambiente
Desde -40 °C a +55 °C

IT

Installazione
A sospensione (SSD)
Sorgente luminosa
LED
Sistema ottico
Lenti profondo (LDE)
Lenti medio (LME)
Lenti a livello medio (LMW)
Lenti a corridor (LCO))
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Materiali
Corpo: pressofusione di alluminio + lamina d'acciaio
Copertura: vetro temperato trasparente
Lenti: PMMA
Finitura
Corpo: nero RAL 9005 (B05)
Accessori
Cavo di sospensione
Durata di vita
100,000 ore/L90/B10 (ta 25°C)
Temperatura d'ambiente
Da -40 °C a +55 °C

RU

Установка
Подвесная (SSD)
Источник света
LED
Оптическая система
Глубокие линзы (LDE)
Средний линзы (LME)
Средней ширины линзы (LMW)
Corridor линзы (LCO)
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Материал
Корпус: литой алюминий + листовая сталь
Крышка: чистое закаленное стекло
Линзы: PMMA
Отделка поверхности
Корпус: черный RAL 9005 (B05)
Аксессуары
Тросовый подвес
Срок службы
100,000 часов/L90/B10 (ta 25°C)
Температура окружающей среды
От -40 °C до +55 °C

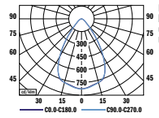
GHADA 2 SURFACED
LENSES
LED



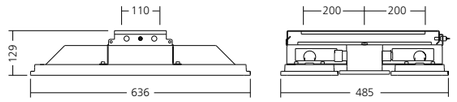
Ghada 2 Surfaced

PHOTOMETRY

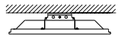
GHADA 2 SFD LMW (66°)
19,650 lm 4000 K



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



MOUNTING



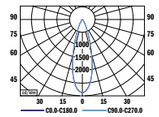
TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION (W)	SYSTEM EFFICACY (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	BEAM ANGLE (C0-180, C90-270)	WEIGHT (kg)
GHADA 2 SFD LDE/LME	19,650	159	124	80+	4000	30°/53°	14.1
GHADA 2 SFD LDE/LME	19,900	134	149	70+	4000	30°/53°	14.1
GHADA 2 SFD LDE/LME	26,750	217	123	80+	4000	30°/53°	14.1
GHADA 2 SFD LDE/LME	27,800	194	143	70+	4000	30°/53°	14.1
GHADA 2 SFD LMW	19,450	159	122	80+	4000	66°	14.1
GHADA 2 SFD LMW	19,650	134	147	70+	4000	66°	14.1
GHADA 2 SFD LMW	26,450	217	122	80+	4000	66°	14.1
GHADA 2 SFD LMW	27,500	194	142	70+	4000	66°	14.1
GHADA 2 SFD LCO	18,800	159	118	80+	4000	103°, 24°	14.1
GHADA 2 SFD LCO	19,050	134	142	70+	4000	103°, 24°	14.1
GHADA 2 SFD LCO	25,600	217	118	80+	4000	103°, 24°	14.1
GHADA 2 SFD LCO	26,600	194	137	70+	4000	103°, 24°	14.1

Luminous flux tolerance +/- 10%.

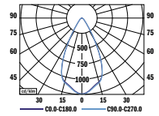




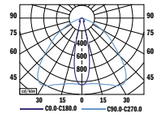
LDE (30°)



LME (53°)



LCO (103°, 24°)



220-240V 50-60Hz · LED · CRI 70+ Ra · CRI 80+ Ra · CCT 4000 K · ECG · EDA DALI · IP65 · IK07

EN

Mounting
Ceiling surfaced (SFD)
Light source
LED
Optical system
Deep lenses (LDE)
Medium lenses (LME)
Medium wide lenses (LMW)
Corridor lenses (LCO)
Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Materials
Housing: die-cast aluminium + sheet steel
Cover: transparent hardened glass
Lenses: PMMA
Safety wires
Surface finish
Housing: black RAL 9005 (B05)
Service lifetime
100,000 hours/L90/B10 (ta 25°C)
Ambient temperature
From -40 °C to +55 °C

DE

Montage
Deckenleuchte (SFD)
Lichtquelle
LED
Optisches System
Tiefe Linsen (LDE)
Mittel Linsen (LME)
Medium weiten Linsen (LMW)
Corridor Linsen (LCO)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Material
Körper: Aluminiumdruckguss + Stahlblech
Abdeckung: durchsichtiger gehärteter Glas
Linsen: PMMA
Sicherungsseile
Oberflächenveredelung
Körper: schwarz RAL 9005 (B05)
Lebensdauer
100,000 Stunden/L90/B10 (ta 25°C)
Umgebungstemperatur
Von -40 °C bis +55 °C

FR

Montage
Plafonnier apparent (SFD)
Source lumineuse
LED
Système optique
Profonde lentiles (LDE)
Moyen lentiles (LME)
Medium-large lentiles (LMW)
Corridor lentiles (LCO)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Matériels
Corps: aluminium moulé sous pression + tôle d'acier
Couvercle: verre trempé transparente
Lentiles: PMMA
Des fils de sécurité
Finition de surface
Corps: noir RAL 9005 (B05)
Durée de vie utile
100,000 heures/L90/B10 (ta 25°C)
Température ambiante
De -40 °C à +55 °C

SK

Montáž
Prisadené (SFD)
Svetelný zdroj
LED
Optický systém
Hlboké šošovky (LDE)
Stredné šošovky (LME)
Stredne široké šošovky (LMW)
Corridor šošovky (LCO)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Materiál
Teleso: hliníkový odliatok + oceľový plech
Kryt: transparentné tvrdené sklo
Šošovky: PMMA
Poistné lanká
Povrchová úprava
Teleso: čierna RAL 9005 (B05)
Servisná životnosť
100,000 hodín/L90/B10 (ta 25°C)
Teplota okolia
Od -40 °C do +55 °

ES

Montaje
Sobrepuestas en el techo (SFD)
Fuente lumínica
LED
Sistema óptico
Lentes profunda (LDE)
Lentes medio (LME)
Lentes de anchura media (LMW)
Lentes de Corridor (LCO)
Cableado
Equipo de control electronico FIX/DALI (ECG/EDA)
Material
Cuerpo: aluminio moldeado + lámina de acero
Cubierta: cristal endurecido transparente
Lentes: PMMA
Cables de seguridad
Tratamiento de la superficie
Cuerpo: negro RAL 9005 (B05)
Vida útil
100,000 horas/L90/B10 (ta 25°C)
Temperatura ambiente
Desde -40 °C a +55 °C

IT

Installazione
A plafone (SFD)
Sorgente luminosa
LED
Sistema ottico
Lenti profondo (LDE)
Lenti medio (LME)
Lenti a livello medio (LMW)
Lenti a corridor (LCO))
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Materiali
Corpo: pressofusione di alluminio + lamina d'acciaio
Copertura: vetro temperato trasparente
Lenti: PMMA
Cavo di sicurezza
Finitura
Corpo: nero RAL 9005 (B05)
Durata di vita
100,000 ore/L90/B10 (ta 25°C)
Temperatura d'ambiente
Da -40 °C a +55 °C

RU

Установка
Потолочная накладная (SFD)
Источник света
LED
Оптическая система
Глубокие линзы (LDE)
Средний линзы (LME)
Средней ширины линзы (LMW)
Corridor линзы (LCO)
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Материал
Корпус: литой алюминий + листовая сталь
Крышка: чистое закаленное стекло
Линзы: PMMA
Контровочная проволока
Отделка поверхности
Корпус: черный RAL 9005 (B05)
Срок службы
100,000 часов/L90/B10 (ta 25°C)
Температура окружающей среды
От -40 °C до +55 °C

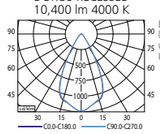
DOROS RECESSED
LENSES
LED



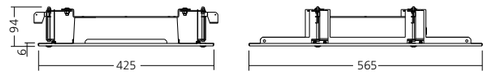
Doros Recessed

PHOTOMETRY

DOROS RECESSED
10,400 lm 4000 K



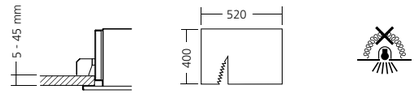
LOR = 100%
lower flux fraction 100%
upper flux fraction 0%
UGR<22







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)
DOROS RCS	7350	62	119	80+	4000	52°	9.3
DOROS RCS	7300	54	135	70+	4000	52°	9.3
DOROS RCS	10,450	98	107	80+	4000	52°	9.3
DOROS RCS	10,500	85	124	70+	4000	52°	9.3

Luminous flux tolerance +/- 10%.

220-240V 50-60Hz | LED | CRI 70+ Ra | CRI 80+ Ra | CCT 4000 K | ECG | EDA DALI | IP65 | IK08

EN

Mounting
Ceiling recessed (RCB)
Light source
LED
Optical system
Lenses (L49)
Wiring
Electronic control gear FIX/DALI (ECG/EDA)
Materials
Housing: die-cast aluminium
Cover: transparent hardened glass
Mounting plate: sheet steel
Safety wires
Surface finish
Mounting plate: white RAL 9003 (W03)
Service lifetime
50,000 hours/L90/B10 (ta 25°C) - 54/62W
50,000 hours/L90/B20 (ta 25°C) - 85/98W
Ambient temperature
From -40 °C to +35 °C (98W)
From -40 °C to +40 °C (85W)
From -40 °C to +45 °C (54/62W)

DE

Montage
Einbauleuchte (RCB)
Lichtquelle
LED
Optisches System
Linses (L49)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI (ECG/EDA)
Material
Körper: Aluminiumdruckguss
Abdeckung: durchsichtiger gehärteter Glas
Montageplatte: Stahlblech
Sicherungsseile
Oberflächenveredelung
Montageplatte: weiss RAL 9003 (W03)
Lebensdauer
50,000 Stunden/L90/B10 (ta 25°C) - 54/62W
50,000 Stunden/L90/B20 (ta 25°C) - 85/98W
Umgebungstemperatur
Von -40 °C bis +35 °C (98W)
Von -40 °C bis +40 °C (85W)
Von -40 °C bis +45 °C (54/62W)

FR

Montage
Plafonnier encastrable (RCB)
Source lumineuse
LED
Système optique
Lentilles (L49)
Équipement électrique
Ballast électronique FIX/DALI (ECG/EDA)
Matériels
Corps: aluminium moulé sous pression
Couvercle: verre trempé transparente
Plaque de montage: tôle d'acier
Des fils de sécurité
Finition de surface
Plaque de montage: blanc RAL 9003 (W03)
Durée de vie utile
50,000 heures/L90/B10 (ta 25°C) - 54/62W
50,000 heures/L90/B20 (ta 25°C) - 85/98W
Température ambiante
De -40 °C à +35 °C (98W)
De -40 °C à +40 °C (85W)
De -40 °C à +45 °C (54/62W)

SK

Montáž
Vsadené (RCB)
Svetelný zdroj
LED
Optický systém
Šošovky (L49)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Materiál
Teleso: hliníkový odliatok
Kryt: transparentné tvrdené sklo
Montážna platňa: oceľový plech
Poistné lanká
Povrchová úprava
Montážna platňa: biela RAL 9003 (W03)
Servisná životnosť
50,000 hodín/L90/B10 (ta 25°C) - 54/62W
50,000 hodín/L90/B20 (ta 25°C) - 85/98W
Teplota okolia
Od -40 °C do +35 °C (98W)
Od -40 °C do +40 °C (85W)
Od -40 °C do +45 °C (54/62W)

ES

Montaje
Empotradas en el techo (RCB)
Fuente luminica
LED
Sistema óptico
Lentes (L49)
Cableado
Equipo de control electronico FIX/DALI (ECG/EDA)
Material
Cuerpo: aluminio moldeado
Cubierta: cristal endurecido transparente
Placa de montaje: lámina de acero
Cables de seguridad
Tratamiento de la superficie
Placa de montaje: blanco RAL 9003 (W03)
Vida útil
50,000 horas/L90/B10 (ta 25°C) - 54/62W
50,000 horas/L90/B20 (ta 25°C) - 85/98W
Temperatura ambiente
Desde -40 °C a +35 °C (98W)
Desde -40 °C a +40 °C (85W)
Desde -40 °C a +45 °C (54/62W)

IT

Installazione
Ad incasso a soffitto (RCB)
Sorgente luminosa
LED
Sistema ottico
Lenti (L49)
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Materiali
Corpo: pressofusione di alluminio
Copertura: vetro temperato trasparente
Piastra di installazione: lamina d'acciaio
Cavo di sicurezza
Finitura
Piastra di installazione: bianco RAL 9003 (W03)
Durata di vita
50,000 ore/L90/B10 (ta 25°C) - 54/62W
50,000 ore/L90/B20 (ta 25°C) - 85/98W
Temperatura d'ambiente
Da -40 °C a +35 °C (98W)
Da -40 °C a +40 °C (85W)
Da -40 °C a +45 °C (54/62W)

RU

Установка
Потолочная встроенная (RCB)
Источник света
LED
Оптическая система
Линзы (L49)
Электрическое оснащение
Электронный аппарат FIX/DALI (ECG/EDA)
Материал
Корпус: литой алюминий
Крышка: чистое закаленное стекло
Монтажная пластина: листовая сталь
Контровочная проволока
Отделка поверхности
Монтажная пластина: белый RAL 9003 (W03)
Срок службы
50,000 часов/L90/B10 (ta 25°C) - 54/62W
50,000 часов/L90/B20 (ta 25°C) - 85/98W
Температура окружающей среды
От -40 °C до +35 °C (98W)
От -40 °C до +40 °C (85W)
От -40 °C до +45 °C (54/62W)

GRAFIAS SUSPENDED

POLISHED

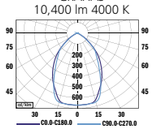
LED



Grafias Suspended

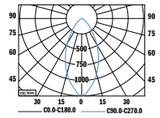
PHOTOMETRY

GRAFIAS
10,400 lm 4000 K



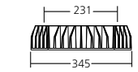
LOR = 100%
lower flux fraction 100%
upper flux fraction 0%
UGR<28

GRAFIAS with REF 50



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





SUSPENDED WITH REF 50



MOUNTING



X2 SUSPENDED



X4 SUSPENDED



CHAIN SUSPENSION X2



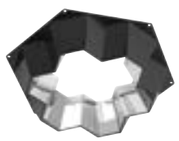
CHAIN SUSPENSION X4



EMERGENCY



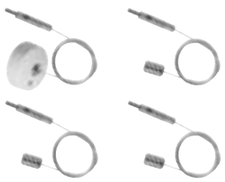
REF 50



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



220-240V 50-60Hz · LED · CRI 70+ Ra · CRI 80+ Ra · CCT 4000 K · CCT 5000 K · ECG · EDA DALI · EMERGENCY · IP66 · IK07

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/B10 (ta 25°C) - 94W
50,000 hours/L70/B50 (ta 25°C) - 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/B10 (ta 25°C) - 94W
50,000 Stunden/L70/B50 (ta 25°C) - 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 (Resistence au impact de balle)
X2 - pour 2 luminaires, X4 - pour 4 luminaires
Durée de vie utile
50,000 heures/L80/B10 (ta 25°C) - 94W
50,000 heures/L70/B50 (ta 25°C) - 142W
Température ambiante
De -40 °C à +40 °C
(de 0°C avec l'unite de secours)

SK

Montáž
Závesné (SSD)
Svetelný zdroj
LED
Optický systém
Leštený reflektor (PRE)
Elektrická výbava
Elektronický predradník FIX/DALI (ECG/EDA)
Varianta s núdzovou jednotkou (3H)
Materiál
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
Servisná životnosť
50,000 hodín/L80/B10 (ta 25°C) - 94W
50,000 hodín/L70/B50 (ta 25°C) - 142W
Teplota okolia
Od -40 °C do +40 °C
(od 0°C s núdzovou jednotkou)

ES

Montaje
Suspendidas (SSD)
Fuente lumínica
LED
Sistema óptico
Reflector pulido (PRE)
Cableado
Equipo de control electronico 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/B10 (ta 25°C) - 94W
50,000 horas/L70/B50 (ta 25°C) - 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/B10 (ta 25°C) - 94W
50,000 ore/L70/B50 (ta 25°C) - 142W
Temperatura d'ambiente
Da -40 °C a +40 °C
(da 0°C con unita 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/B10 (ta 25°C) - 94W
50,000 часов/L70/B50 (ta 25°C) - 142W
Температура окружающей среды
От -40 °C до +40 °C
(от 0°C с аварийного освещения)

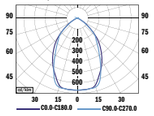
GRAFIAS SURFACED
POLISHED
LED



Grafias Surfaced

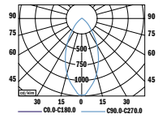
PHOTOMETRY

GRAFIAS
10,400 lm 4000 K

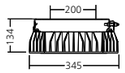


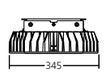
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lower flux fraction 100%
upper flux fraction 0%
UGR<28

GRAFIAS with REF 50

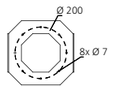


LOR = 94%
lower flux fraction 100%
upper flux fraction 0%
UGR<22

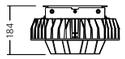




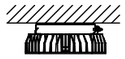
MOUNTING PLATE



WITH REF 50



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)
GRAFIAS SFD	10,400	94	111	80+	4000	70°, 76°	10.0
GRAFIAS SFD	11,900	94	127	70+	5000	70°, 76°	10.0
GRAFIAS SFD	16,000	142	113	80+	4000	70°, 76°	10.0
GRAFIAS SFD	17,200	142	121	70+	5000	70°, 76°	10.0

Luminous flux tolerance +/- 10%.



SURFACED WITH REF 50



REF 50



220-240V 50-60Hz | LED | CRI 70+ Ra | CRI 80+ Ra | CCT 4000 K | CCT 5000 K | ECG | EDA DALI | IP 66 | IK 07

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/B10 (ta 25°C) - 94W
50,000 hours/L70/B50 (ta 25°C) - 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/B10 (ta 25°C) - 94W
50,000 Stunden/L70/B50 (ta 25°C) - 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 transparente
Finition de surface
Corps: noir RAL 9005 (B05)
Accessoires
Réflecteur supplémentaire avec 50° angle de faisceau
Durée de vie utile
50,000 heures/L80/B10 (ta 25°C) - 94W
50,000 heures/L70/B50 (ta 25°C) - 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)
Materiál
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
Servisná životnosť
50,000 hodín/L80/B10 (ta 25°C) - 94W
50,000 hodín/L70/B50 (ta 25°C) - 142W
Teplota okolia
Od -40 °C do +40 °C

ES

Montaje
Sobrepuestas en el techo (SFD)
Fuente lumínica
LED
Sistema óptico
Reflector pulido (PRE)
Cableado
Equipo de control electronico 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/B10 (ta 25°C) - 94W
50,000 horas/L70/B50 (ta 25°C) - 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/B10 (ta 25°C) - 94W
50,000 ore/L70/B50 (ta 25°C) - 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/B10 (ta 25°C) - 94W
50,000 часов/L70/B50 (ta 25°C) - 142W
Температура окружающей среды
От -40 °C до +40 °C

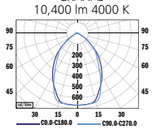
GRAFIAS RECESSED
POLISHED
LED



Grafias Recessed

PHOTOMETRY

GRAFIAS
10,400 lm 4000 K



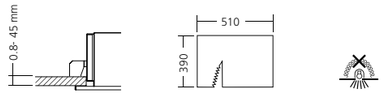
LOR = 100%
lower flux fraction 100%
upper flux fraction 0%
UGR<28







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 RCS	10,400	94	111	80+	4000	70°, 76°	10.0
GRAFIAS RCS	11,900	94	127	70+	5000	70°, 76°	10.0
GRAFIAS RCS	16,000	142	113	80+	4000	70°, 76°	10.0
GRAFIAS RCS	17,200	142	121	70+	5000	70°, 76°	10.0

Luminous flux tolerance +/- 10%.

220-240V 50-60Hz · LED · CRI 70+ Ra · CRI 80+ Ra · CCT 4000 K · CCT 5000 K · ECG · EDA DALI · IP 66 · IK 07

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/B10 (ta 25°C) - 94W
50,000 hours/L70/B50 (ta 25°C) - 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/B10 (ta 25°C) - 94W
50,000 Stunden/L70/B50 (ta 25°C) - 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/B10 (ta 25°C) - 94W
50,000 heures/L70/B50 (ta 25°C) - 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)
Materiál
Teleso: hliníkový odliatok
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 hodín/L80/B10 (ta 25°C) - 94W
50,000 hodín/L70/B50 (ta 25°C) - 142W
Teplota okolia
Od -40 °C do +40 °C

ES

Montaje
Empotradas en el techo (RCB)
Fuente lumínica
LED
Sistema óptico
Reflector pulido (PRE)
Cableado
Equipo de control electronico 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/B10 (ta 25°C) - 94W
50,000 horas/L70/B50 (ta 25°C) - 142W
Temperatura ambiente
Desde -40 °C a +40 °C

IT

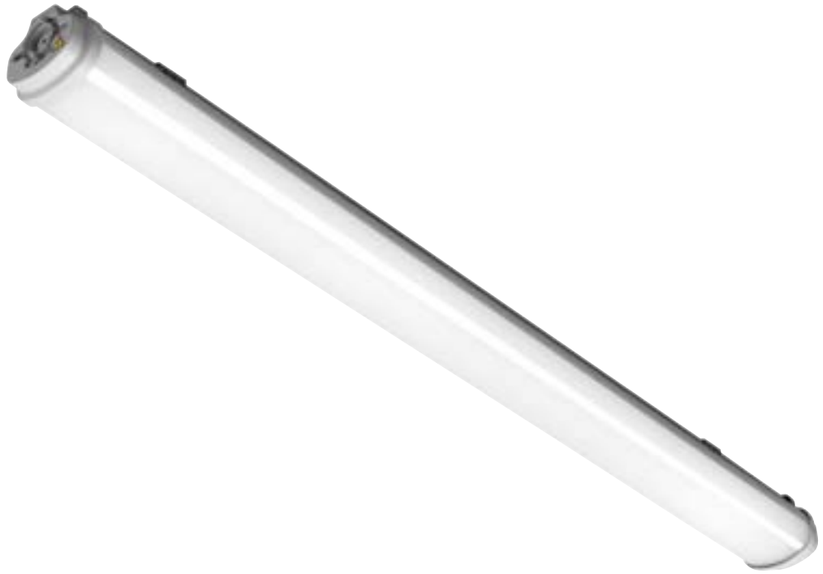
Installazione
Ad incasso a soffitto (RCB)
Sorgente luminosa
LED
Sistema ottico
Riflettore lucido (PRE)
Cablaggio
Ballast elettronico FIX/DALI (ECG/EDA)
Materiali
Corpo: pressofusione di alluminio
Riflettore: PC-rivestimento ad evaporazione
Copertura: vetro temperato trasparente
Piastra di installazione: lamina d'acciaio
Finitura
Piastra di installazione: bianco RAL 9003 (W03)
Accessori
Cavo di sicurezza
Durata di vita
50,000 ore/L80/B10 (ta 25°C) - 94W
50,000 ore/L70/B50 (ta 25°C) - 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
Контровочная проволока
Срок службы
50,000 часов/L80/B10 (ta 25°C) - 94W
50,000 часов/L70/B50 (ta 25°C) - 142W
Температура окружающей среды
От -40 °C до +40 °C

NEW

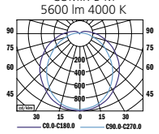
COMIR
OPAL
LED



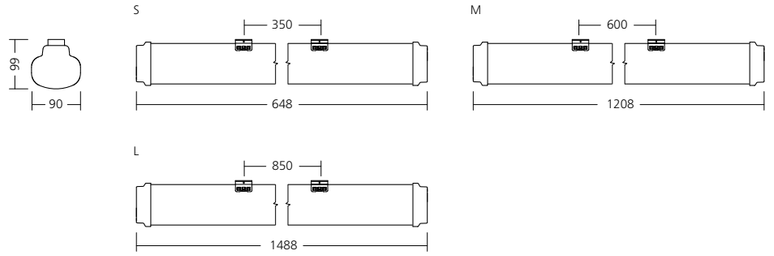
Comir

PHOTOMETRY

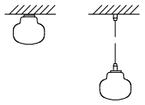
COMIR-B M
5600 lm 4000 K



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



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)
COMIR-B S	1900	17	112	80+	4000	126 ,107°	2.1
COMIR-B M	2800	24	117	80+	4000	126 ,107°	3.0
COMIR-B M	5600	53	106	80+	4000	126 ,107°	3.1
COMIR-B L	4200	33	127	80+	4000	126 ,107°	3.2
COMIR-B L	6500	59	110	80+	4000	126 ,107°	3.3
COMIR-C M	3200	27	119	80+	4000	126 ,107°	2.6
COMIR-C L	4200	35	120	80+	4000	126 ,107°	2.8
COMIR-F M	8150	58	141	80+	4000	126 ,107°	3.1
COMIR-F L	10,000	71	141	80+	4000	126 ,107°	3.3

Luminous flux tolerance +/- 10%

220-240V 50-60Hz · LED · CRI 80+ Ra · CCT 4000 K · ECG · IP65 · IK08

EN

Mounting
Surfaced/Suspended (S/S)
Light source
LED
Optical system
Opal diffuser (OPD)
Wiring
Electronic control gear FIX (ECG)
Materials
Housing: grey polycarbonate
Diffuser: polycarbonate
Accessories
Rope suspension
Service lifetime
30,000 hours/L70/B50 (at 25°C) - COMIR-C
60,000 hours/L70/B50 (at 25°C) - COMIR-B
70,000 hours/L70/B50 (at 25°C) - COMIR-F
Ambient temperature
From -10 °C to +35 °C

DE

Montage
Deckenleuchte/Hängend (S/S)
Lichtquelle
LED
Optisches System
Opaler Diffusor (OPD)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX (ECG)
Material
Körper: grau Polykarbonat
Diffusor: Polykarbonat
Zubehör
Seilaufhängung
Lebensdauer
30,000 Stunden/L70/B50 (at 25°C) - COMIR-C
60,000 Stunden/L70/B50 (at 25°C) - COMIR-B
70,000 Stunden/L70/B50 (at 25°C) - COMIR-F
Umgebungstemperatur
Von -10 °C bis +35 °C

FR

Montage
Plafonnier apparent/Suspendu (S/S)
Source lumineuse
LED
Système optique
Diffuseur opale (OPD)
Équipement électrique
Ballast électronique FIX (ECG)
Matériels
Corps: polycarbonate gris
Diffuseur: polycarbonate
Accessoires
Câble de suspension
Durée de vie utile
30,000 Stunden/L70/B50 (at 25°C) - COMIR-C
60,000 Stunden/L70/B50 (at 25°C) - COMIR-B
70,000 Stunden/L70/B50 (at 25°C) - COMIR-F
heures/L70/B50 (at 25°C)
Température ambiante
De -10 °C à +35 °C

SK

Montáž
Prisadené/Závesné (S/S)
Svetelný zdroj
LED
Optický systém
Opálový difúzor (OPD)
Elektrická výbava
Elektronický predradník FIX (ECG)
Materiál
Teleso: šedý polykarbonát
Difúzor: polykarbonát
Príslušenstvo
Lankový záves
Servisná životnosť
30,000 hodín/L70/B50 (at 25°C) - COMIR-C
60,000 hodín/L70/B50 (at 25°C) - COMIR-B
70,000 hodín/L70/B50 (at 25°C) - COMIR-F
Teplota okolia
Od -10 °C do +35 °C

ES

Montaje
Sobrepuestas en el techo/Suspendidas (S/S)
Fuente lumínica
LED
Sistema óptico
Difusor ópalo (OPD)
Cableado
Equipo de control electronico FIX (ECG)
Material
Cuerpo: policarbonato gris
Difusor: policarbonato
Accesorios
Cable de suspensión
Vida útil
30,000 horas/L70/B50 (at 25°C) - COMIR-C
60,000 horas/L70/B50 (at 25°C) - COMIR-B
70,000 horas/L70/B50 (at 25°C) - COMIR-F
Temperatura ambiente
Desde -10 °C a +35 °C

IT

Installazione
A plafone/A sospensione(S/S)
Sorgente luminosa
LED
Sistema ottico
Diffusore opale (OPD)
Cablaggio
Ballast elettronico FIX (ECG)
Materiali
Corpo: policarbonato grigio
Diffusore: policarbonato
Accessori
Cavo di sospensione
Durata di vita
30,000 ore/L70/B50 (at 25°C) - COMIR-C
60,000 ore/L70/B50 (at 25°C) - COMIR-B
70,000 ore/L70/B50 (at 25°C) - COMIR-F
Temperatura d'ambiente
Da -10 °C a +35 °C

RU

Установка
Потолочная накладная/Подвесная (S/S)
Источник света
LED
Оптическая система
Матовый рассеиватель (OPD)
Электрическое оснащение
Электронный пускорегулирующий аппарат FIX (ECG)
Материал
Корпус: серый поликарбонат
Рассеиватель: поликарбонат
Аксессуары
Тросовый подвес
Срок службы
30,000 часов/L70/B50 (at 25°C) - COMIR-C
60,000 часов/L70/B50 (at 25°C) - COMIR-B
70,000 часов/L70/B50 (at 25°C) - COMIR-F
Температура окружающей среды
От -10 °C до +35 °C

5 YEARS WARRANTY · MAINTENANCE FREE · ECO FRIENDLY · ENERGY SAVING · UV/IR · EEC A++/A+/A

NEW

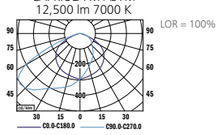
CAPRIOLA
LENSES
LED



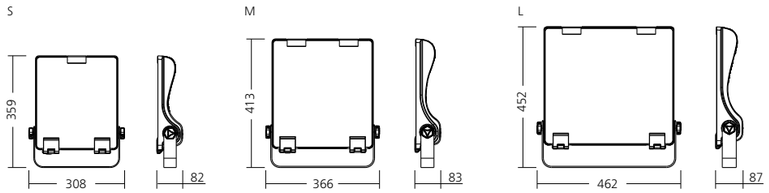
Capriola

PHOTOMETRY

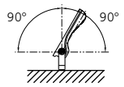
CAPRIOLA M ASYM
12,500 lm 7000 K







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)
CAPRIOLA S	7500	60	125	70+	5000	57°, 60°/ASYM	4.5
CAPRIOLA S	10,500	80	131	70+	5000	57°, 60°/ASYM	4.6
CAPRIOLA M	12,500	100	125	70+	5000	57°, 60°/ASYM	6.3
CAPRIOLA L	25,100	200	126	70+	5000	57°, 60°/ASYM	8.6

Luminous flux tolerance +/- 10%

220-240V 50-60Hz · LED · CRI 70+ Ra · CCT 5000 K · ECG · IP66 · IK08

EN

Mounting
Wall mounted/pole-top installation (W/P)
Light source
LED
Optical system
Wide lenses (LWE)
Asymmetric lenses (LAS)
Wiring
Electronic control gear FIX (ECG)
External lead-in flexible cable
Materials
Housing: die cast aluminium
Cover: transparent hardened glass
Surface finish
Housing: black RAL 9017 (B17)
Service lifetime
50,000 hours/L70/B50 (ta 25°C)
Ambient temperature
From -30 °C to +40 °C

DE

Montage
Wandleuchte/aufsatz-Installation (W/P)
Lichtquelle
LED
Optisches System
Weiten Linsen (LWE)
Asymmetrischen Linsen (LAS)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX (ECG)
Externes Anschlusskabel
Material
Körper: Aluminiumdruckguss
Abdeckung: durchsichtig gehärteter Glas
Oberflächenveredelung
Körper: schwarz RAL 9017 (B17)
Lebensdauer
50,000 Stunden/L70/B50 (ta 25°C)
Umgebungstemperatur
Von -30 °C bis +40 °C

FR

Montage
Applique murale/installation supérieur du pôle (W/P)
Source lumineuse
LED
Système optique
Large lentiles (LWE)
Lentilles asymétrique (LAS)
Équipement électrique
Ballast électronique FIX (ECG)
Artére externe
Matériels
Corps: aluminium moulé sous pression
Couvercle: verre trempé transparente
Finition de surface
Corps: noir RAL 9017 (B17)
Durée de vie utile
50,000 heures/L70/B50 (ta 25°C)
Température ambiante
De -30 °C à +40 °C

SK

Montáž
Montáž na stenu/na stĺp (W/P)
Svetelný zdroj
LED
Optický systém
Široké šošovky (LWE)
Asymetrické šošovky (LAS)
Elektrická výbava
Elektronický predradník FIX (ECG)
Prívodný napájací kábel
Materiál
Teleso: hliníkový odliatok
Kryt: transparentné tvrdené sklo
Povrchová úprava
Teleso: čierna RAL 9017 (B17)
Servisná životnosť
50,000 hodín/L70/B50 (ta 25°C)
Teplota okolia
Od -30 °C do +40 °C

ES

Montaje
Montaje en pared/en poste superior (W/P)
Fuente lumínica
LED
Sistema óptico
Lentes de anchura (LWE)
Lentes asimétrico mate (LAS)
Cableado
Equipo de control electronico FIX (ECG)
Cable alimentador externo
Material
Cuerpo: aluminio moldeado
Cubierta: cristal endurecido transparente
Tratamiento de la superficie
Cuerpo: negro RAL 9017 (B17)
Vida útil
50,000 horas/L70/B50 (ta 25°C)
Temperatura ambiente
Desde -30 °C a +40 °C

IT

Installazione
A parete/testa palo (W/P)
Sorgente luminosa
LED
Sistema ottico
Lenti a livello (LWE)
Lenti asimmetriche (LAS)
Cablaggio
Ballast elettronico FIX (ECG)
Cavetto di alimentazione esterno
Materiali
Corpo: pressofusione di alluminio
Copertura: vetro temperato trasparente
Finitura
Corpo: nero RAL 9017 (B17)
Durata di vita
50,000 ore/L70/B50 (ta 25°C)
Temperatura d'ambiente
Da -30 °C a +40 °C

RU

Установка
Настенная/Установка на верхушке мачты (W/P)
Источник света
LED
Оптическая система
Ширины линзы (LWE)
Асимметричные линзы (LAS)
Электрическое оснащение
Электронный пускорегулирующий аппарат FIX (ECG)
Внешний свинца в гибком кабеле
Материал
Корпус: литой алюминий
Крышка: чистое закаленное стекло
Отделка поверхности
Корпус: черный RAL 9017 (B17)
Срок службы
50,000 часов/L70/B50 (ta 25°C)
Температура окружающей среды
От -30 °C до +40 °C

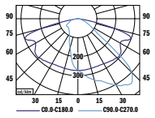
DALYA S
LENSES
LED



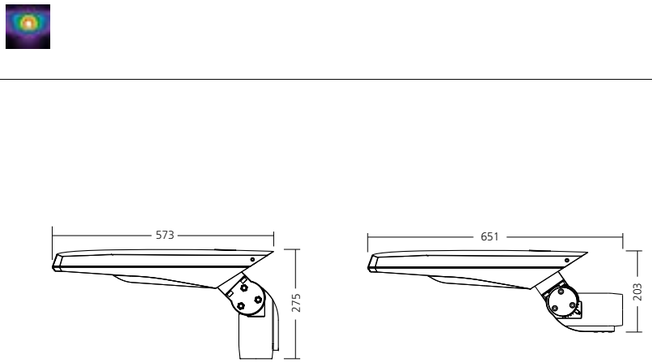
Dalya S

PHOTOMETRY

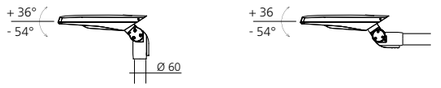
DALYA S
L01 5750 lm 4000 K



LOR = 100%
lower flux fraction 100%
upper flux fraction 0%



MOUNTING

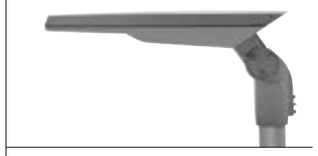


TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION INITIAL (W)	POWER CONSUMPTION END SL* (W)	SYSTEM EFFICACY INITIAL (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	WINDAGE AREA SIDE / TOP (m²)	WEIGHT (kg)	RECOMENDED MOUNTING HEIGHT (m)
DALYA S ECC/EBC/EPO	1800	15	16	120	70+	4000	0.035/0.140	8.2	5-8
DALYA S ECC/EBC/EPO	2900	24	26	121	70+	4000	0.035/0.140	8.2	5-8
DALYA S ECC/EBC/EPO	3850	31	34	124	70+	4000	0.035/0.140	8.2	5-8
DALYA S ECC/EBC/EPO	4900	41	45	120	70+	4000	0.035/0.140	8.2	5-8
DALYA S ECC/EBC/EPO	5750	49	54	117	70+	4000	0.035/0.140	8.2	7-10
DALYA S DRO	1800	19	20	95	70+	4000	0.035/0.140	8.3	7-10
DALYA S DRO	2900	28	30	104	70+	4000	0.035/0.140	8.3	7-10
DALYA S DRO	3850	35	38	110	70+	4000	0.035/0.140	8.3	7-10
DALYA S DRO	4900	45	49	109	70+	4000	0.035/0.140	8.3	7-10
DALYA S DRO	5750	53	58	108	70+	4000	0.035/0.140	8.3	7-10

Luminous flux tolerance +/- 10%

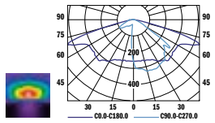
* Service Lifetime





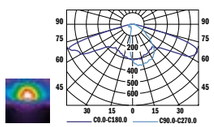


L04



L05

L06



220-240V 50-60Hz | LED | CRI 70+ Ra | CCT 4000 K | ECC ECG + CLO | EBC 100/50%+CLO | EPO INT DRM+CLO | DRO DALI+RC+CLO | IP 66 | IK 09

EN

Mounting
Pole-top/side entry installation (PMT)
Light source
LED
Optical system
Lenses (L01)
On request: L02, L03, L04, L05, L06, L07, L08, L09, L10, L11, L12, L18
Wiring
Electronic control gear FIX/STEP DIM/INT DIM/ DALI RADIO CONTROL + CONSTANT LUMEN OUTPUT (ECC/EBC/EPO/DRO)
External lead-in flexible cable
Materials
Housing: die-cast aluminium
Cover: transparent hardened glass
Frame: sheet steel
Tiltable spigot: die-cast aluminium
Surface finish
Housing: grey RAL 9006 (G06)
Service lifetime
100,000 hours/L100/B10 (ta 25°C)
Ambient temperature
From -40 °C to +50 °C

DE

Montage
Aufsatz- /Seitenansatz-Installation (PMT)
Lichtquelle
LED
Optisches System
Linsen (L01)
Auf Anfrage: L02, L03, L04, L05, L06, L07, L08, L09, L10, L11, L12, L18
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/STEP DIM/ INT DIM/DALI RADIO CONTROL + CONSTANT LUMEN OUTPUT (ECC/EBC/EPO/DRO)
Externes Anschlusskabel
Material
Körper: Aluminiumdruckguss
Abdeckung: durchsichtiger gehärteter Glas
Rahmen: Stahlblech
Schwenkbarer Zapfen: Aluminiumdruckguss
Oberflächenveredelung
Körper: grau RAL 9006 (G06)
Lebensdauer
100,000 Stunden/L100/B10 (ta 25°C)
Umgebungstemperatur
Von -40 °C bis +50 °C

FR

Montage
Installation supérieur du pôle/d'entrée latérale (PMT)
Source lumineuse
LED
Système optique
Lentilles (L01)
Sur demande: L02, L03, L04, L05, L06, L07, L08, L09, L10, L11, L12, L18
Équipement électrique
Ballast électronique FIX/STEP DIM/INT DIM/DALI RADIO CONTROL + CONSTANT LUMEN OUTPUT (ECC/EBC/EPO/DRO)
Artére 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/L100/B10 (ta 25°C)
Température ambiante
De -40 °C à +50 °C

SK

Montáž
Montáž na stĺp/zo strany (PMT)
Svetelný zdroj
LED
Optický systém
Šošovky (L01)
Na požiadanie: L02, L03, L04, L05, L06, L07, L08, L09, L10, L11, L12, L18
Elektrická výbava
Elektronický predradník FIX/STEP DIM/INT DIM/ DALI RADIO CONTROL + CONSTANT LUMEN OUTPUT (ECC/EBC/EPO/DRO)
Prívodný napájací kábel
Materiál
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/L100/B10 (ta 25°C)
Teplota okolia
Od -40 °C do +50 °C

ES

Montaje
Instalación en poste superior/de acceso lateral (PMT)
Fuente lumínica
LED
Sistema óptico
Lentes (L01)
A petición: L02, L03, L04, L05, L06, L07, L08, L09, L10, L11, L12, L18
Cableado
Equipo de control electronico FIX/STEP DIM/ INT DIM/DALI RADIO CONTROL + CONSTANT LUMEN OUTPUT (ECC/EBC/EPO/DRO)
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/L100/B10 (ta 25°C)
Temperatura ambiente
Desde -40 °C a +50 °C

IT

Installazione
Installazione testa palo/ingresso laterale (PMT)
Sorgente luminosa
LED
Sistema ottico
Lenti (L01)
Su richiesta: L02, L03, L04, L05, L06, L07, L08, L09, L10, L11, L12, L18
Cablaggio
Ballast elettronico FIX/STEP DIM/INT DIM/DALI RADIO CONTROL + CONSTANT LUMEN OUTPUT (ECC/EBC/EPO/DRO)
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/L100/B10 (ta 25°C)
Temperatura d'ambiente
Da -40 °C a +50 °C

RU

Установка
Установка на верхушке мачты / со стороны входа (PMT)
Источник света
LED
Оптическая система
Линзы (L01)
По запросу: L02, L03, L04, L05, L06, L07, L08, L09, L10, L11, L12, L18
Электрическое оснащение
Электронный аппарат FIX/STEP DIM/INT DIM/DALI RADIO CONTROL + CONSTANT LUMEN OUTPUT (ECC/EBC/EPO/DRO)
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/L100/B10 (ta 25°C)
Температура окружающей среды
От -40 °C до +50 °C

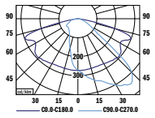
DALYA M
LENSES
LED



Dalya M

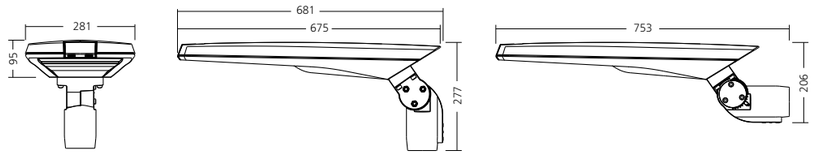
PHOTOMETRY

DALYA M
L01 11,750 lm 4000 K



LOR = 100%
lower flux fraction 100%
upper flux fraction 0%





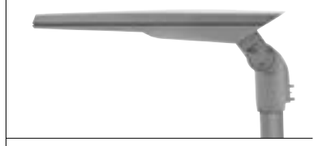
MOUNTING



TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION INITIAL (W)	POWER CONSUMPTION END SL* (W)	SYSTEM EFFICACY INITIAL (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	WINDAGE AREA SIDE / TOP (m^2)	WEIGHT (kg)	RECOMENDED MOUNTING HEIGHT (m)
DALYA M	2100	17	19	124	70+	3000	0.047/0.154	9.4	5-8
DALYA M	2200	17	19	129	70+	4000	0.047/0.154	9.4	5-8
DALYA M	3100	25	27	124	70+	3000	0.047/0.154	9.4	5-8
DALYA M	3300	25	27	132	70+	4000	0.047/0.154	9.4	5-8
DALYA M	4150	32	35	130	70+	3000	0.047/0.154	9.4	7-10
DALYA M	4350	32	35	136	70+	4000	0.047/0.154	9.4	7-10
DALYA M	5150	40	43	129	70+	3000	0.047/0.154	9.5	7-10
DALYA M	5450	40	43	136	70+	4000	0.047/0.154	9.5	7-10
DALYA M	6150	47	51	131	70+	3000	0.047/0.154	9.5	7-10
DALYA M	6500	47	51	138	70+	4000	0.047/0.154	9.5	7-10
DALYA M	8050	65	75	124	70+	3000	0.047/0.154	9.5	7-10
DALYA M	8550	65	75	132	70+	4000	0.047/0.154	9.5	7-10
DALYA M	10,200	87	104	117	70+	3000	0.047/0.154	10.2	8-12
DALYA M	10,750	87	104	124	70+	4000	0.047/0.154	10.2	8-12
DALYA M	11,650	108	137	108	70+	3000	0.047/0.154	10.2	8-12
DALYA M	12,300	108	137	114	70+	4000	0.047/0.154	10.2	8-12

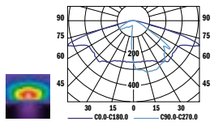
Luminous flux tolerance +/- 10%
* Service Lifetime



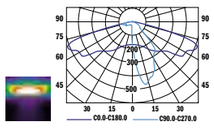




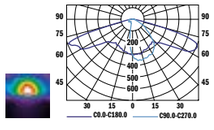
L04



L05



L06



220-240V 50-60Hz | LED | CRI 70+ Ra | CCT 3000 K | CCT 4000 K | ECC ECG + CLO | EDO DALI + CLO | EBC 100/50%+CLO | EPO INT DIM+CLO | IP 66 | IK 10

EN

Mounting
Pole-top/side entry installation (PMT)
Light source
LED
Optical system
Lenses (L01)
On request L02, L03, L04, L05, L06, L07, L08, L09, L10, L11, L12, L18
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
Tiltable spigot: die cast aluminium
Surface finish
Housing: grey RAL 9006 (G06)
Service lifetime
100,000 hours/L100/B10 (ta 25°C)
Ambient temperature
From -40 °C to +35 °C (108W)
From -40 °C to +45 °C (other versions)

DE

Montage
Aufsatz- /Seitenansatz-Installation (PMT)
Lichtquelle
LED
Optisches System
Linsen (L01)
Auf Anfrage: L02, L03, L04, L05, L06, L07, L08, L09, L10, L11, L12, L18
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI/STEP DIM/INT DIM + CONSTANT LUMEN OUTPUT (ECC/EDO/EBC/EPO)
Externes Anschlusskabel
Material
Körper: Aluminiumdruckguss
Abdeckung: durchsichtiger gehärteter Glas
Rahmen: Stahlblech
Schwenkbarer Zapfen: Aluminiumdruckguss
Oberflächenveredelung
Körper: grau RAL 9006 (G06)
Lebensdauer
100,000 Stunden/L100/B10 (ta 25°C)
Umgebungstemperatur
Von -40 °C bis +35 °C (108W)
Von -40 °C bis +45 °C (Andere Versionen)

FR

Montage
Installation supérieur du pôle/d'entrée latérale (PMT)
Source lumineuse
LED
Système optique
Lentilles (L01)
Sur demande: L02, L03, L04, L05, L06, L07, L08, L09, L10, L11, L12, L18
Équipement électrique
Ballast électronique FIX/DALI/STEP DIM/INT DIM + CONSTANT LUMEN OUTPUT (ECC/EDO/EBC/EPO)
Artére 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/L100/B10 (ta 25°C)
Température ambiante
De -40 °C à +35 °C (108W)
De -40 °C à +45 °C (autres versions)

SK

Montáž
Montáž na stĺp/zo strany (PMT)
Svetelný zdroj
LED
Optický systém
Šošovky (L01)
Na požiadanie: L02, L03, L04, L05, L06, L07, L08, L09, L10, L11, L12, L18
Elektrická výbava
Elektronický predradník FIX/DALI/STEP DIM/INT DIM + CONSTANT LUMEN OUTPUT (ECC/EDO/EBC/EPO)
Prívodný napájací kábel
Materiál
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/L100/B10 (ta 25°C)
Teplota okolia
Od -40 °C do +35 °C (108W)
Od -40 °C do +45 °C (iné verzie)

ES

Montaje
Instalación en poste superior/de acceso lateral (PMT)
Fuente luminica
LED
Sistema óptico
Lentes (L01)
A petición: L02, L03, L04, L05, L06, L07, L08, L09, L10, L11, L12, L18
Cableado
Equipo de control electronico 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/L100/B10 (ta 25°C)
Temperatura ambiente
Desde -40 °C a +35 °C (108W)
Desde -40 °C a +45 °C (otras versiones)

IT

Installazione
Installazione testa palo/ingresso laterale (PMT)
Sorgente luminosa
LED
Sistema ottico
Lenti (L01)
Su richiesta: L02, L03, L04, L05, L06, L07, L08, L09, L10, L11, L12, L18
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/L100/B10 (ta 25°C)
Temperatura d'ambiente
Da -40 °C a +35 °C (108W)
Da -40 °C a +45 °C (altre versioni)

RU

Установка
Установка на верхушке мачты / со стороны входа (PMT)
Источник света
LED
Оптическая система
Линзы (L01)
По запросу: L02, L03, L04, L05, L06, L07, L08, L09, L10, L11, L12, L18
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/L100/B10 (ta 25°C)
Температура окружающей среды
От -40 °C до +35 °C (108W)
От -40 °C до +45 °C (другие версии)

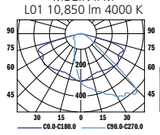
MEGIN II M
LENSES
LED



Megin II M

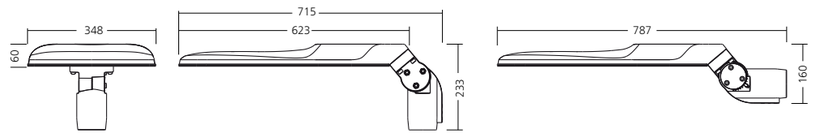
PHOTOMETRY

MEGIN II M
L01 10,850 lm 4000 K

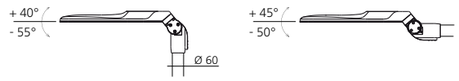




LOR = 100%
lower flux fraction 100%
upper flux fraction 0%



MOUNTING



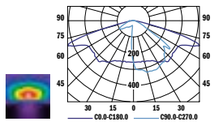
TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION INITIAL (W)	POWER CONSUMPTION END SL* (W)	SYSTEM EFFICACY INITIAL (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	WINDAGE AREA SIDE / TOP (m^2)	WEIGHT (kg)	RECOMENDED MOUNTING HEIGHT (m)
MEGIN II M	2800	25	27	112	70+	3000	0.028/0.193	8.9	5-8
MEGIN II M	2950	25	27	118	70+	4000	0.028/0.193	8.9	5-8
MEGIN II M	3750	35	37	107	70+	3000	0.028/0.193	9.4	5-8
MEGIN II M	3950	35	37	113	70+	4000	0.028/0.193	9.4	5-8
MEGIN II M	4600	44	47	105	70+	3000	0.028/0.193	9.4	7-10
MEGIN II M	4900	44	47	111	70+	4000	0.028/0.193	9.4	7-10
MEGIN II M	7000	59	62	119	70+	3000	0.028/0.193	9.4	7-10
MEGIN II M	7350	59	62	125	70+	4000	0.028/0.193	9.4	7-10
MEGIN II M	8400	71	75	118	70+	3000	0.028/0.193	9.4	7-10
MEGIN II M	8750	71	75	123	70+	4000	0.028/0.193	9.4	7-10
MEGIN II M	10,400	87	92	120	70+	3000	0.028/0.193	9.5	8-12
MEGIN II M	10,850	87	92	125	70+	4000	0.028/0.193	9.5	8-12
MEGIN II M	13,650	122	130	112	70+	3000	0.028/0.193	9.5	8-12
MEGIN II M	14,250	122	130	117	70+	4000	0.028/0.193	9.5	8-12

Luminous flux tolerance +/- 10%
* Service Lifetime

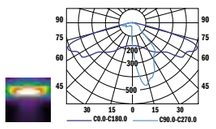




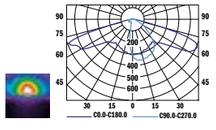
L04



L05



L06



220-240V 50-60Hz | LED | CRI 70+ Ra | CCT 3000 K | CCT 4000 K | ECC ECG + CLO | EDO DALI + CLO | EBC 100/50%+CLO | EPO INT DIM+CLO | IP 67 | IK 09 | IK 10

on request

EN

Mounting
Pole-top/side entry installation (PMT)
Light source
LED
Optical system
Lenses (L01)
On request L02, L03, L04, L05, L06, L07, L08, L09, L10, L11, L12, L18
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
Tiltable spigot: die cast aluminium
Surface finish
Housing: grey RAL 9006 (G06)
Service lifetime
100,000 hours/L90/B10 (ta 25°C) - 25/35/44/59/71W
100,000 hours/L80/B10 (ta 25°C) - 87/122W
Ambient temperature
From -40 °C to +50 °C

DE

Montage
Aufsatz- /Seitenansatz-Installation (PMT)
Lichtquelle
LED
Optisches System
Linsen (L01)
Auf Anfrage: L02, L03, L04, L05, L06, L07, L08, L09, L10, L11, L12, L18
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI/STEP DIM/INT DIM + CONSTANT LUMEN OUTPUT (ECC/EDO/EBC/EPO)
Externes Anschlusskabel
Material
Körper: Aluminiumdruckguss
Abdeckung: Polykarbonat
Rahmen: Stahlblech
Schwenkbarer Zapfen: Aluminiumdruckguss
Oberflächenveredelung
Körper: grau RAL 9006 (G06)
Lebensdauer
100,000 Stunden/L90/B10 (ta 25°C) - 25/35/44/59/71W
100,000 Stunden/L80/B10 (ta 25°C) - 87/122W
Umgebungstemperatur
Von -40 °C bis +50 °C

FR

Montage
Installation supérieur du pôle/d'entrée latérale (PMT)
Source lumineuse
LED
Système optique
Lentilles (L01)
Sur demande: L02, L03, L04, L05, L06, L07, L08, L09, L10, L11, L12, L18
Équipement électrique
Ballast électronique FIX/DALI/STEP DIM/INT DIM + CONSTANT LUMEN OUTPUT (ECC/EDO/EBC/EPO)
Artére 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
100,000 heures/L90/B10 (ta 25°C) - 25/35/44/59/71W
100,000 heures/L80/B10 (ta 25°C) - 87/122W
Température ambiante
De -40 °C à +50 °C

SK

Montáž
Montáž na stĺp/zo strany (PMT)
Svetelný zdroj
LED
Optický systém
Šošovky (L01)
Na požiadanie: L02, L03, L04, L05, L06, L07, L08, L09, L10, L11, L12, L18
Elektrická výbava
Elektronický predradník FIX/DALI/STEP DIM/ INT DIM + CONSTANT LUMEN OUTPUT (ECC/EDO/EBC/EPO)
Prívodný napájací kábel
Materiál
Teleso: hliníkový odliatok
Kryt: polykarbonát
Rám: oceľový plech
Sklopný nástavec: hliníkový odliatok
Povrchová úprava
Teleso: šedá RAL 9006 (G06)
Servisná životnosť
100,000 hodín/L90/B10 (ta 25°C) - 25/35/44/59/71W
100,000 hodín/L80/B10 (ta 25°C) - 87/122W
Teplota okolia
Od -40 °C do +50 °C

ES

Montaje
Instalación en poste superior/de acceso lateral (PMT)
Fuente luminica
LED
Sistema óptico
Lentes (L01)
A petición: L02, L03, L04, L05, L06, L07, L08, L09, L10, L11, L12, L18
Cableado
Equipo de control electronico 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
100,000 horas/L90/B10 (ta 25°C) - 25/35/44/59/71W
100,000 horas/L80/B10 (ta 25°C) - 87/122W
Temperatura ambiente
Desde -40 °C a +50 °C

IT

Installazione
Installazione testa palo/ingresso laterale (PMT)
Sorgente luminosa
LED
Sistema ottico
Lenti (L01)
Su richiesta: L02, L03, L04, L05, L06, L07, L08, L09, L10, L11, L12, L18
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
100,000 ore/L90/B10 (ta 25°C) - 25/35/44/59/71W
100,000 ore/L80/B10 (ta 25°C) - 87/122W
Temperatura d'ambiente
Da -40 °C a +50 °C

RU

Установка
Установка на верхушке мачты / со стороны входа (PMT)
Источник света
LED
Оптическая система
Линзы (L01)
По запросу: L02, L03, L04, L05, L06, L07, L08, L09, L10, L11, L12, L18
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 патрубок: литой алюминий
Отделка поверхности
Корпус: серый RAL 9006 (G06)
Срок службы
100,000 часов/L90/B10 (ta 25°C) - 25/35/44/59/71W
100,000 часов/L80/B10 (ta 25°C) - 87/122W
Температура окружающей среды
От -40 °C до +50 °C

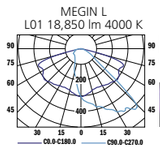
MEGIN L
LENSES
LED



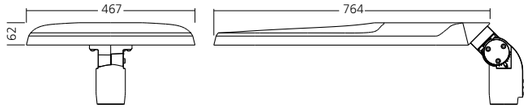
Megin L

PHOTOMETRY

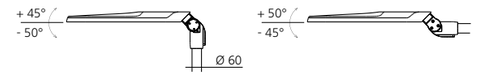
MEGIN L
L01 18,850 lm 4000 K



LOR = 100%
lower flux fraction 100%
upper flux fraction 0%



MOUNTING



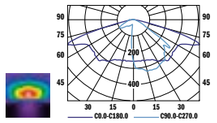
TYPE	NET LUMEN OUTPUT (at Ta = 25 °C) (lm)	POWER CONSUMPTION INITIAL (W)	POWER CONSUMPTION END SL* (W)	SYSTEM EFFICACY INITIAL (lm/W)	COLOUR RENDERING INDEX CRI (Ra)	CORRELATED COLOUR TEMPERATURE CCT (K)	WINDAGE AREA SIDE / TOP (m^2)	WEIGHT (kg)	RECOMENDED MOUNTING HEIGHT (m)
MEGIN L	14,950	118	125	127	70+	3000	0.038/0.32	23.0	8-12
MEGIN L	15,850	118	125	134	70+	4000	0.038/0.32	23.0	8-12
MEGIN L	17,250	157	167	110	70+	3000	0.038/0.32	23.0	8-12
MEGIN L	18,250	157	167	116	70+	4000	0.038/0.32	23.0	8-12
MEGIN L	20,200	173	183	117	70+	3000	0.038/0.32	23.6	8-12
MEGIN L	21,400	173	183	124	70+	4000	0.038/0.32	23.6	8-12
MEGIN L	23,400	207	219	113	70+	3000	0.038/0.32	23.6	10-15
MEGIN L	24,750	207	219	120	70+	4000	0.038/0.32	23.6	10-15

Luminous flux tolerance +/- 10%
* Service Lifetime

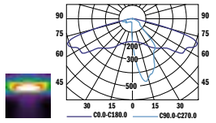




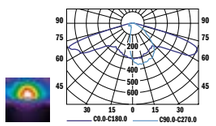
L04



L05



L06



220-240V 50-60Hz | LED | CRI 70+ Ra | CCT 3000 K | CCT 4000 K | ECC ECO + CLO | EDO DALI + CLO | EBC 100/50%+CLO | EPO INT DIM+CLO | IP 65 | IK 08

EN

Mounting
Pole-top/side entry installation (PMT)
Light source
LED
Optical system
Lenses (L01)
On request L02, L03, L04, L05, L06, L07, L08, L09, L10, L11, L12, L18
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
Tiltable spigot: die cast aluminium
Surface finish
Housing: grey RAL 9006 (G06)
Service lifetime
100,000 hours/L90/B10 (ta 25°C) - 118W
100,000 hours/L80/B10 (ta 25°C) - 157/173W
100,000 hours/L80/B20 (ta 25°C) - 207W
Ambient temperature
From -35 °C to +40 °C

DE

Montage
Aufsatz- /Seitenansatz-Installation (PMT)
Lichtquelle
LED
Optisches System
Linsen (L01)
Auf Anfrage: L02, L03, L04, L05, L06, L07, L08, L09, L10, L11, L12, L18
Vorschaltgerät
Elektronisches Vorschaltgerät FIX/DALI/STEP DIM/INT DIM + CONSTANT LUMEN OUTPUT (ECC/EDO/EBC/EPO)
Externes Anschlusskabel
Material
Körper: Aluminiumdruckguss
Abdeckung: durchsichtiger gehärteter Glas
Rahmen: Stahlblech
Schwenkbarer Zapfen: Aluminiumdruckguss
Oberflächenveredelung
Körper: grau RAL 9006 (G06)
Lebensdauer
100,000 Stunden/L90/B10 (ta 25°C) - 118W
100,000 Stunden/L80/B10 (ta 25°C) - 157/173W
100,000 Stunden/L80/B20 (ta 25°C) - 207W
Umgebungstemperatur
Von -35 °C bis +40 °C

FR

Montage
Installation supérieur du pôle/d'entrée latérale (PMT)
Source lumineuse
LED
Système optique
Lentilles (L01)
Sur demande: L02, L03, L04, L05, L06, L07, L08, L09, L10, L11, L12, L18
Équipement électrique
Ballast électronique FIX/DALI/STEP DIM/INT DIM + CONSTANT LUMEN OUTPUT (ECC/EDO/EBC/EPO)
Artére 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/L90/B10 (ta 25°C) - 118W
100,000 heures/L80/B10 (ta 25°C) - 157/173W
100,000 heures/L80/B20 (ta 25°C) - 207W
Température ambiante
De -35 °C à +40 °C

SK

Montáž
Montáž na stĺp/zo strany (PMT)
Svetelný zdroj
LED
Optický systém
Šošovky (L01)
Na požiadanie: L02, L03, L04, L05, L06, L07, L08, L09, L10, L11, L12, L18
Elektrická výbava
Elektronický predradník FIX/DALI/STEP DIM/ INT DIM + CONSTANT LUMEN OUTPUT (ECC/EDO/EBC/EPO)
Prívodný napájací kábel
Materiál
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/L90/B10 (ta 25°C) - 118W
100,000 hodín/L80/B10 (ta 25°C) - 157/173W
100,000 hodín/L80/B20 (ta 25°C) - 207W
Teplota okolia
Od -35 °C do +40 °C

ES

Montaje
Instalación en poste superior/de acceso lateral (PMT)
Fuente lumínica
LED
Sistema óptico
Lentes (L01)
A petición: L02, L03, L04, L05, L06, L07, L08, L09, L10, L11, L12, L18
Cableado
Equipo de control electronico 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/L90/B10 (ta 25°C) - 118W
100,000 horas/L80/B10 (ta 25°C) - 157/173W
100,000 horas/L80/B20 (ta 25°C) - 207W
Temperatura ambiente
Desde -35 °C a +40 °C

IT

Installazione
Installazione testa palo/ingresso laterale (PMT)
Sorgente luminosa
LED
Sistema ottico
Lenti (L01)
Su richiesta: L02, L03, L04, L05, L06, L07, L08, L09, L10, L11, L12, L18
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/L90/B10 (ta 25°C) - 118W
100,000 ore/L80/B10 (ta 25°C) - 157/173W
100,000 ore/L80/B20 (ta 25°C) - 207W
Temperatura d'ambiente
Da -35 °C a +40 °C

RU

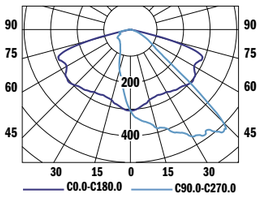
Установка
Установка на верхушке мачты / со стороны входа (PMT)
Источник света
LED
Оптическая система
Линзы (L01)
По запросу: L02, L03, L04, L05, L06, L07, L08, L09, L10, L11, L12, L18
Электрическое оснащение
Электронный аппарат FIX/DALI/STEP DIM/INT DIM + CONSTANT LUMEN OUTPUT (ECC/EDO/EBC/EPO)
Внешний 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/L90/B10 (ta 25°C) - 118W
100,000 часов/L80/B10 (ta 25°C) - 157/173W
100,000 часов/L80/B20 (ta 25°C) - 207W
Температура окружающей среды
От -35 °C до +40 °C

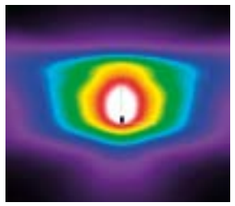
Low-glare lens optics that deliver any of 13 different LIDCs means there is a MEGIN for any application – from roads and pavements through squares and paths to junctions and pedestrian crossings.



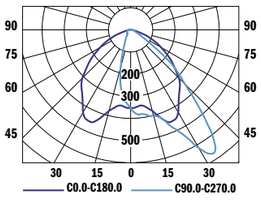
Optical system has been carefully designed by experienced optical engineers to ensure its suitability for areas where glare control is important according to Luminous Intensity Classification EN 13201-1 Appendix A1.

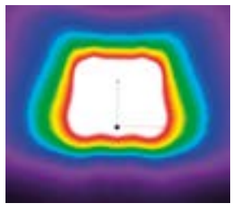
LO1
Determined for the illumination of streets with or without pavements. Light is distributed in front and to the sides of the luminaire, but not behind so as to minimise light pollution.



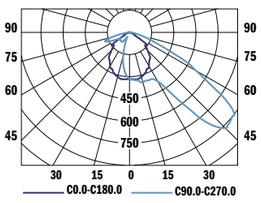


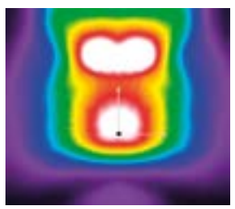
LO2
Determined for the illumination of wide streets or similar areas. Light is distributed predominantly in front of the luminaire so as to reach further. as to minimise light pollution.



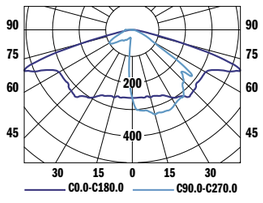


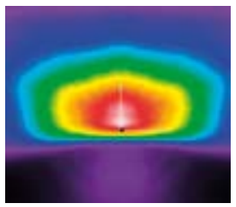
LO3
Determined for the illumination of wide streets or similar areas. Light is distributed predominantly in front of the luminaire so as to reach further.



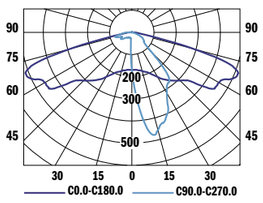


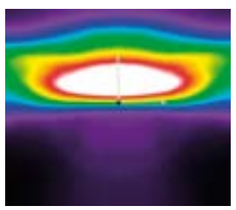
LO4
Determined for the illumination of streets with or without pavements. Light is distributed in front and to the sides of the luminaire, but not behind so as to minimise light pollution.



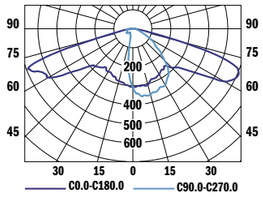


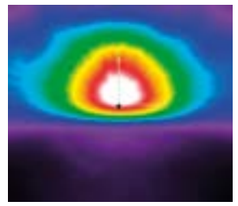
LO5
Determined for the illumination of streets with or without pavements. Light is distributed in front and to the sides of the luminaire, but not behind so as to minimise light pollution.



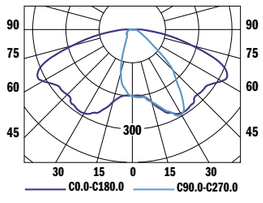


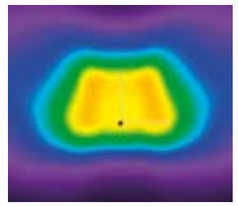
LO6
Determined for the illumination of streets with or without pavements. Light is distributed in front and to the sides of the luminaire, but not behind so as to minimise light pollution.



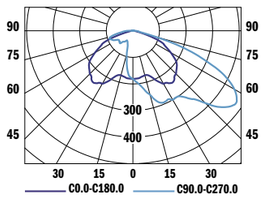


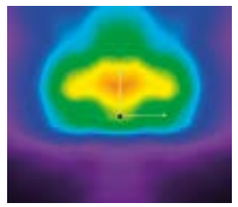
LO7
Determined for the illumination of streets with or without pavements. Light is distributed in front and to the sides of the luminaire, but not behind so as to minimise light pollution.



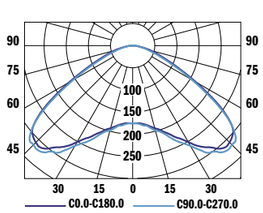


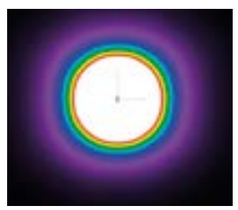
LO8
Determined for the illumination of streets with or without pavements. Light is distributed in front and to the sides of the luminaire, but not behind so as to minimise light pollution.



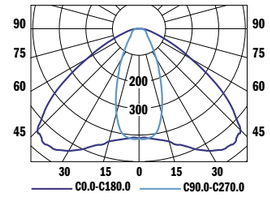


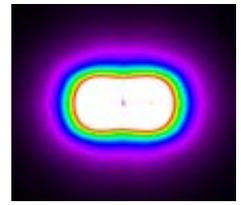
LO9
Determined for the illumination of streets with or without pavements. Light is distributed in front
Determined for the illumination of open spaces such as squares and parks. Light is distributed in all directions.



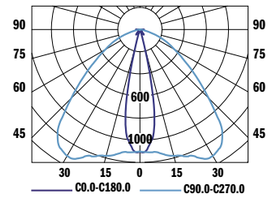


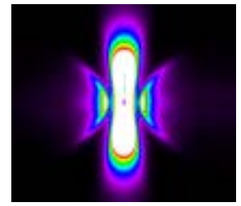
L10
Determined for the illumination of open spaces such as squares and parks. Light is distributed in all directions.



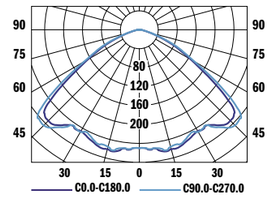


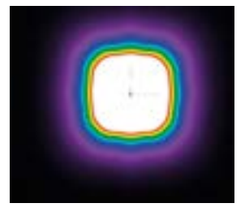
L11
Determined for the illumination of pathways where luminaires are located centrally. Light is distributed to either side of the luminaire.



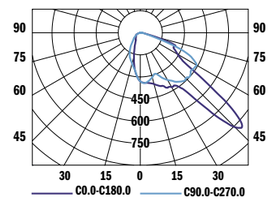


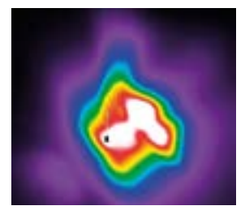
L12
Determined for the illumination of open spaces such as squares and parks. Light is distributed in all directions.





L18
DetermiDetermined for the illumination of pedestrian crossings. Light is focused on waiting and crossing pedestrians, and not elsewhere on the street or pavement, to maximise contrast and identification.





Urban

HARM G1 / G2 / G3 / G4 / G5 / G6

TRANSPARENT / OPAL

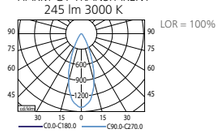
LED



Harm G

PHOTOMETRY

HARM G1 TRANSPARENT
245 lm 3000 K

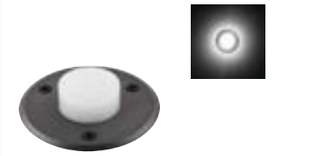




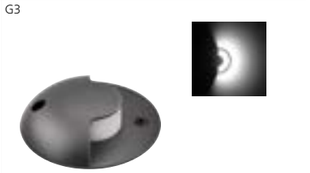
G1



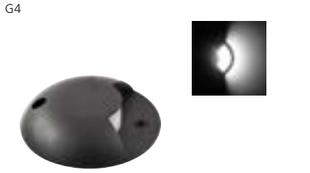
G2



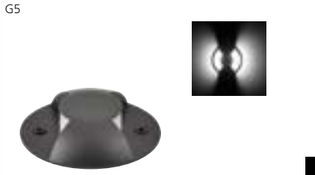
G3



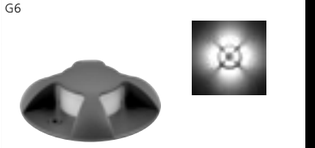
G4

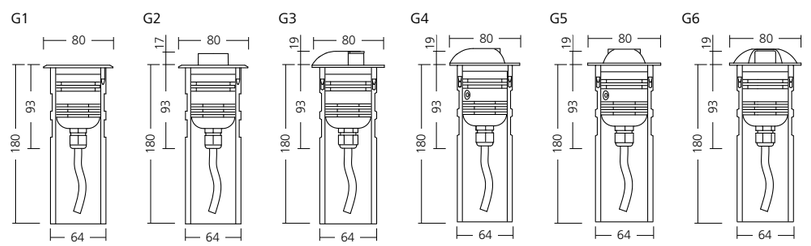


G5



G6





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)
HARM G1 TRANSPARENT	245	5	49	80+	3000	30°	0.6
HARM G1 SANDBLASTED	150	5	30	80+	3000	120°	0.6
HARM G2	85	5	17	80+	3000	-	0.6
HARM G3	35	5	7	80+	3000	-	0.6
HARM G4	20	5	4	80+	3000	-	0.6
HARM G5	45	5	9	80+	3000	-	0.6
HARM G6	25	5	5	80+	3000	-	0.6

Luminous flux tolerance +/- 10%

220-240V 50-60Hz | LED | CRI 80+ Ra | CCT 3000 K | ECG | IP67 | IK08

EN

Mounting
Ground recessed (GCD)
Light source
LED
Optical system
Transparent/opal diffuser (TRD/OPD)
Wiring
Electronic control gear FIX (ECG)
External lead-in flexible cable
Materials
Housing: die-cast aluminium
Diffuser: hardened glass (transparent/sandblasted, G1), polycarbonate (opal, G2-6)
Surface finish
Trim: BRZ
Service lifetime
40,000 hours/L70/B50 (ta 25°C)
Ambient temperature
From -10 °C to +35 °C

DE

Montage
Bodenmontage - versenkt (GCD)
Lichtquelle
LED
Optisches System
Dursichtig/opal Diffusor (TRD/OPD)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX (ECG)
Externes Anschlusskabel
Material
Körper: Aluminiumdruckguss
Diffusor: Hartglass (transparent/sandgestrahlt, G1)
Polykarbonat (opaler, G2-6)
Oberflächenveredelung
Einfassung: BRZ
Lebensdauer
40,000 Stunden/L70/B50 (ta 25°C)
Umgebungstemperatur
Von -10 °C bis +35 °C

FR

Montage
Encastré au sol (GCD)
Source lumineuse
LED
Système optique
Couvercle transparente/opale (TRD/OPD)
Équipement électrique
Ballast électronique FIX (ECG)
Artére externe
Matériels
Corps: aluminium moulé sous pression
Diffuseur: verre trempé (transparent/sablé, G1), polycarbonate (opale, G2-6)
Finition de surface
Moulure: BRZ
Durée de vie utile
40,000 heures/L70/B50 (ta 25°C)
Température ambiante
De -10 °C à +35 °C

SK

Montáž
Vsadená do zeme (GCD)
Svetelný zdroj
LED
Optický systém
Transparentný/opálový difúzor (TRD/OPD)
Elektrická výbava
Elektronický predradník FIX (ECG)
Prívodný napájací kábel
Materiál
Teleso: hliníkový odliatok
Difúzor: tvrdené sklo (číre/pieskované, G1), polykarbonát (opálový, G2-6)
Povrchová úprava
Obruč: BRZ
Servisná životnosť
40,000 hodín/L70/B50 (ta 25°C)
Teplota okolia
Od -10 °C do +35 °C

ES

Montaje
Montada en el suelo - empotrada (GCD)
Fuente lumínica
LED
Sistema óptico
Difusor transparente/opalescente (TRD/OPD)
Cableado
Equipo de control electronico FIX (ECG)
Cable alimentador externo
Material
Cuerpo: aluminio troquelado
Difusor: vidrio endurecido (transparente/pulido con arena, G1), policarbonato (ópalo, G2-6)
Tratamiento de la superficie
Reborde: BRZ
Vida útil
40,000 horas/L70/B50 (ta 25°C)
Temperatura ambiente
Desde -10 °C a +35 °C

IT

Installazione
Installato a pavimento - ad incasso (GCD)
Sorgente luminosa
LED
Sistema ottico
Diffusore transparente/opale (TRD/OPD)
Cablaggio
Ballast elettronico FIX (ECG)
Cavetto di alimentazione esterno
Materiali
Corpo: pressofusione di alluminio
Diffusore: vetro temperato (transparente/ sabbiato, G1), policarbonato (opale, G2-6)
Finitura
Profilo: BRZ
Durata di vita
40,000 ore/L70/B50 (ta 25°C)
Temperatura d'ambiente
Da -10 °C a +35 °C

RU

Установка
Установка на земле - Встроенные (GCD)
Источник света
LED
Оптическая система
Чистый/матовый рассеиватель (TRD/OPD)
Электрическое оснащение
Электронный пускорегулирующий аппарат FIX (ECG)
Внешний свинца в гибком кабеле
Материал
Корпус: литой алюминий
Рассеиватель: закаленное стекло (прозрачные/обработанное пескоструйным аппаратом, G1), поликарбонат (матовый, G2-6)
Отделка поверхности
Накладка: BRZ
Срок службы
40,000 часов/L70/B50 (ta 25°C)
Температура окружающей среды
От -10 °C до +35 °C

NESTA S / M / M ASYM

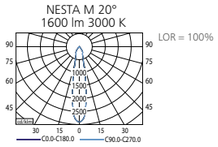
LENSES / REFLECTOR

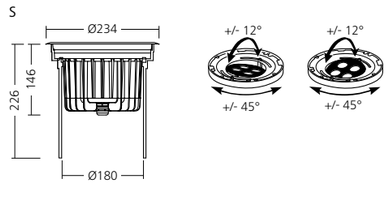
LED



Nesta

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)
NESTA S	860	12	72	80+	3000/4000	10°	2.6
NESTA S	810	12	68	80+	3000/4000	30°	2.6
NESTA S	770	12	64	80+	3000/4000	45°	2.6
NESTA M	1600	20	80	80+	3000	20°	4.2
NESTA M	1700	20	85	80+	4000	20°	4.2
NESTA M	2300	33	70	80+	3000	20°	4.2
NESTA M	1450	33	44	80+	4000	20°	4.2
NESTA M	1500	20	75	80+	3000	40°	4.2
NESTA M	1550	20	78	80+	4000	40°	4.2
NESTA M	2150	33	65	80+	3000	40°	4.2
NESTA M	2250	33	68	80+	4000	40°	4.2
NESTA M	1550	20	78	80+	3000	60°	4.2
NESTA M	1600	20	80	80+	4000	60°	4.2
NESTA M	2150	33	65	80+	3000	60°	4.2
NESTA M	2250	33	68	80+	4000	60°	4.2
NESTA M ASYM	1850	20	93	80+	3000	-	4.5
NESTA M ASYM	1950	20	98	80+	4000	-	4.5
NESTA M ASYM	2500	33	76	80+	3000	-	4.5
NESTA M ASYM	2600	33	79	80+	4000	-	4.5

Luminous flux tolerance +/- 10%



S



M



M ASYM



220-240V 50-60Hz | LED | CRI 80+ Ra | CCT 3000 K | CCT 4000 K | ECG | IP 67 | IK 10

EN

Mounting
Ground recessed (GCD)
Light source
LED
Optical system
Lenses (S)
Reflector (M)
Wiring
Electronic control gear FIX (ECG)
External lead-in flexible cable (M)
Materials
Housing: die-cast aluminium
Cover: transparent hardened glass
Surface finish
Trim: NGG
Service lifetime
50,000 hours/L70/B50 (ta 25°C)
Ambient temperature
From -10 °C to +35 °C

DE

Montage
Bodenmontage - versenkt (GCD)
Lichtquelle
LED
Optisches System
Linsen (S)
Reflektor (M)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX (ECG)
Externes Anschlusskabel (M)
Material
Körper: Aluminiumdruckguss
Abdeckung: transparentes Hartglas
Oberflächenveredelung
Einfassung: NGG
Lebensdauer
50,000 Stunden/L70/B50 (ta 25°C)
Umgebungstemperatur
Von -10 °C bis +35 °C

FR

Montage
Encastré au sol (GCD)
Source lumineuse
LED
Système optique
Lentilles (S)
Réflecteur (M)
Équipement électrique
Ballast électronique FIX (ECG)
Artère externe (M)
Matériels
Corps: aluminium moulé sous pression
Couvercle: verre trempé transparent
Finition de surface
Moulure: NGG
Durée de vie utile
50,000 heures/L70/B50 (ta 25°C)
Température ambiante
De -10 °C à +35 °C

SK

Montáž
Vsadená do zeme (GCD)
Svetelný zdroj
LED
Optický systém
Šošovky (S)
Reflektor (M)
Elektrická výbava
Elektronický predradník FIX (ECG)
Privodný napájací kábel (M)
Materiál
Teleso: hliníkový odliatok
Kryt: transparentné tvrdené sklo
Povrchová úprava
Obruč: NGG
Servisná životnosť
50,000 hodín/L70/B50 (ta 25°C)
Teplota okolia
Od -10 °C do +35 °C

ES

Montaje
Montada en el suelo - empotrada (GCD)
Fuente lumínica
LED
Sistema óptico
Lentes (S)
Reflector (M)
Cableado
Equipo de control electronico FIX (ECG)
Cable alimentador externo (M)
Material
Cuerpo: aluminio troquelado
Cubierta: vidrio templado transparente
Tratamiento de la superficie
Reborde: NGG
Vida útil
50,000 horas/L70/B50 (ta 25°C)
Temperatura ambiente
Desde -10 °C a +35 °C

IT

Installazione
Installato a pavimento - ad incasso (GCD)
Sorgente luminosa
LED
Sistema ottico
Lenti (S)
Riflettore (M)
Cablaggio
Ballast elettronico FIX (ECG)
Cavetto di alimentazione esterno (M)
Materiali
Corpo: pressofusione di alluminio
Copertura: vetro temperato trasparente
Finitura
Profilo: NGG
Durata di vita
50,000 ore/L70/B50 (ta 25°C)
Temperatura d'ambiente
Da -10 °C a +35 °C

RU

Установка
Установка на земле - Встроенные (GCD)
Источник света
LED
Оптическая система
Линзы (S)
Отражатель (M)
Электрическое оснащение
Электронный пускорегулирующий аппарат FIX (ECG)
Внешний свинца в гибком кабеле (M)
Материал
Корпус: литой алюминий
Крышка: прозрачное закаленное стекло
Отделка поверхности
Накладка: NGG
Срок службы
50,000 часов/L70/B50 (ta 25°C)
Температура окружающей среды
От -10 °C до +35 °C

HARM W1 / W2 / W3 / W4 / W5 / W6

OPAL

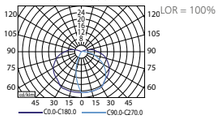
LED



Harm W

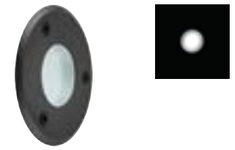
PHOTOMETRY

HARM W3
35 lm 3000 K

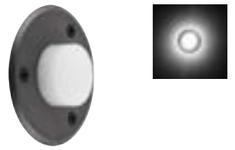




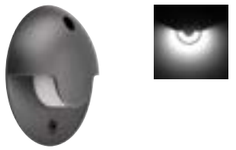
W1



W2



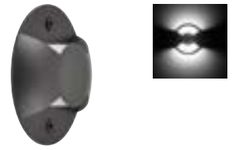
W3



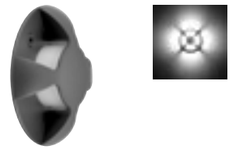
W4



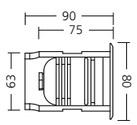
W5



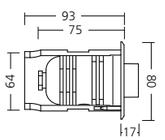
W6



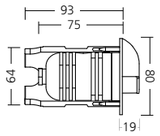
W1



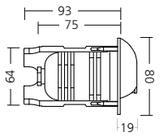
W2



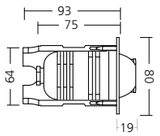
W3



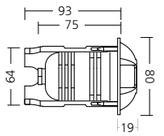
W4



W5



W6



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)
HARM W1	150	5	30	80+	3000	120°	0.6
HARM W2	85	5	17	80+	3000	-	0.6
HARM W3	35	5	7	80+	3000	-	0.6
HARM W4	20	5	4	80+	3000	-	0.6
HARM W5	45	5	9	80+	3000	-	0.6
HARM W6	25	5	5	80+	3000	-	0.6

Luminous flux tolerance +/- 10%

220-240V 50-60Hz · LED · CRI 80+ Ra · CCT 3000 K · ECG · IP 67 · IK 08

EN

Mounting
Wall recessed
Light source
LED
Optical system
Opal diffuser (OPD)
Wiring
Electronic control gear FIX (ECG)
External lead-in flexible cable
Materials
Housing: die-cast aluminium
Diffuser: hardened glass (W1), polycarbonate (W2-6)
Surface finish
Trim: BRZ
Service lifetime
40,000 hours/L70/B50 (ta 25°C)
Ambient temperature
From -10 °C to +35 °C

DE

Montage
Wandeinbau
Lichtquelle
LED
Optisches System
Opal Diffusor (OPD)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX (ECG)
Externes Anschlusskabel
Material
Körper: Aluminiumdruckguss
Diffusor: Hartglass (W1), Polykarbonat (W2-6)
Oberflächenveredelung
Einfassung: BRZ
Lebensdauer
40,000 Stunden/L70/B50 (ta 25°C)
Umgebungstemperatur
Von -10 °C bis +35 °C

FR

Montage
Mur encastré
Source lumineuse
LED
Système optique
Couvercle opale (OPD)
Équipement électrique
Ballast électronique FIX (ECG)
Artère externe
Matériels
Corps: aluminium moulé sous pression
Diffuseur: verre trempé (W1), polycarbonate (W2-6)
Finition de surface
Moulure: BRZ
Durée de vie utile
40,000 heures/L70/B50 (ta 25°C)
Température ambiante
De -10 °C à +35 °C

SK

Montáž
Vsadená do steny
Svetelný zdroj
LED
Optický systém
Opálový difúzor (OPD)
Elektrická výbava
Elektronický predradník FIX (ECG)
Prívodný napájací kábel
Materiál
Teleso: hliníkový odliatok
Difúzor: tvrdené sklo (W1), polykarbonát (W2-6)
Povrchová úprava
Obruč: BRZ
Servisná životnosť
40,000 hodín/L70/B50 (ta 25°C)
Teplota okolia
Od -10 °C do +35 °C

ES

Montaje
Pared empotrada
Fuente lumínica
LED
Sistema óptico
Difusor opalescente (OPD)
Cableado
Equipo de control electronico FIX (ECG)
Cable alimentador externo
Material
Cuerpo: aluminio troquelado
Difusor: vidrio endurecido (W1), policarbonato (W2-6)
Tratamiento de la superficie
Reborde: BRZ
Vida útil
40,000 horas/L70/B50 (ta 25°C)
Temperatura ambiente
Desde -10 °C a +35 °C

IT

Installazione
Parete da incasso
Sorgente luminosa
LED
Sistema ottico
Diffusore opale (OPD)
Cablaggio
Ballast elettronico FIX (ECG)
Cavetto di alimentazione esterno
Materiali
Corpo: pressofusione di alluminio
Diffusore: vetro temperato (W1), policarbonato (W2-6)
Finitura
Profilo: BRZ
Durata di vita
40,000 ore/L70/B50 (ta 25°C)
Temperatura d'ambiente
Da -10 °C a +35 °C

RU

Установка
Стена утопленная
Источник света
LED
Оптическая система
Матовый рассеиватель (OPD)
Электрическое оснащение
Электронный пускорегулирующий аппарат FIX (ECG)
Внешний свинца в гибком кабеле
Материал
Корпус: литой алюминий
Рассеиватель: закаленное стекло (W1), поликарбонат (W2-6)
Отделка поверхности
Накладка: BRZ
Срок службы
40,000 часов/L70/B50 (ta 25°C)
Температура окружающей среды
От -10 °C до +35 °C

5 YEARS WARRANTY · MAINTENANCE FREE · ECO FRIENDLY · ENERGY SAVING · UV/IR · EEC A++/A+/A

ELAIN W0 / W1 / W2 / W3 / W4

OPAL

LED



Elain

220-240V 50-60Hz | LED | CRI 80+ Ra | CCT 3000 K | CCT 4000 K | DALI ECG | IP65 | IK03 W0-3 | IK07 W4

NHG



INX



EN

Mounting
Wall recessed
Light source
LED
Optical system
Opal diffuser (OPD)
Wiring
Electronic control gear FIX (ECG)
Materials
Housing: die-cast aluminium
Diffuser: hardened glass (W0-3), polycarbonate (W4)
Trim: die-cast aluminium (W0/1/4), stainless steel (W2/3)
Surface finish
Trim: NHG (W0/1/4), INX (W2/3)
Service lifetime
50,000 hours/L70/B50 (ta 25°C)
Ambient temperature
From -10 °C to +35 °C

DE

Montage
Wandeinbau
Lichtquelle
LED
Optisches System
Opal Diffusor (OPD)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX (ECG)
Material
Körper: Aluminiumdruckguss
Diffusor: Hartglass (W0-3), Polykarbonat (W4)
Einfassung: Aluminiumdruckguss (W0/1/4), rostfreier Stahl (W2/3)
Oberflächenveredelung
Einfassung: NHG (W0/1/4), INX (W2/3)
Lebensdauer
50,000 Stunden/L70/B50 (ta 25°C)
Umgebungstemperatur
Von -10 °C bis +35 °C

FR

Montage
Mur encastré
Source lumineuse
LED
Système optique
Couvercle opale (OPD)
Équipement électrique
Ballast électronique FIX (ECG)
Matériels
Corps: aluminium moulé sous pression
Diffuseur: verre trempé (W0-3), polycarbonate (W4)
Moulure: luminium moulé sous pression (W0/1/4), tôle d'acier (W2/3)
Finition de surface
Moulure: NHG (W0/1/4), INX (W2/3)
Durée de vie utile
50,000 heures/L70/B50 (ta 25°C)
Température ambiante
De -10 °C à +35 °C

SK

Montáž
Vsadená do steny
Svetelný zdroj
LED
Optický systém
Opálový difúzor (OPD)
Elektrická výbava
Elektronický predradník FIX (ECG)
Materiál
Teleso: hliníkový odliatok
Difúzor: tvrdené sklo (W0-3), polykarbonát (W4)
Obruč: hliníkový odliatok (W0/1/4), nerezová oceľ (W2/3)
Povrchová úprava
Obruč: NHG (W0/1/4), INX (W2/3)
Servisná životnosť
50,000 hodín/L70/B50 (ta 25°C)
Teplota okolia
Od -10 °C do +35 °C

ES

Montaje
Pared empotrada
Fuente lumínica
LED
Sistema óptico
Difusor opalescente (OPD)
Cableado
Equipo de control electronico FIX (ECG)
Material
Cuerpo: aluminio troquelado
Difusor: vidrio endurecido (W0-3), policarbonato (W4)
Reborde: aluminio troquelado (W0/1/4), acero Inoxidable (W2/3)
Tratamiento de la superficie
Reborde: NHG (W0/1/4), INX (W2/3)
Vida útil
50,000 horas/L70/B50 (ta 25°C)
Temperatura ambiente
Desde -10 °C a +35 °C

IT

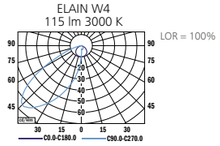
Installazione
Parete da incasso
Sorgente luminosa
LED
Sistema ottico
Diffusore opale (OPD)
Cablaggio
Ballast elettronico FIX (ECG)
Materiali
Corpo: pressofusione di alluminio
Diffusore: vetro temperato (W0-3), policarbonato (W4)
Profilo: pressofusione di alluminio (W0/1/4), acciaio inossidabile (W2/3)
Finitura
Profilo: NHG (W0/1/4), INX (W2/3)
Durata di vita
50,000 ore/L70/B50 (ta 25°C)
Temperatura d'ambiente
Da -10 °C a +35 °C

RU

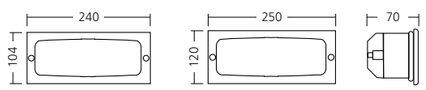
Установка
Стена утопленная
Источник света
LED
Оптическая система
Матовый рассеиватель (OPD)
Электрическое оснащение
Электронный пускорегулирующий аппарат FIX (ECG)
Материал
Корпус: литой алюминий
Рассеиватель: закаленное стекло (W0-3), поликарбонат (W4)
Накладка: литой алюминий (W0/1/4), нержавеющая сталь (W2/3)
Отделка поверхности
Накладка: NHG (W0/1/4), INX (W2/3)
Срок службы
50,000 часов/L70/B50 (ta 25°C)
Температура окружающей среды
От -10 °C до +35 °C

PHOTOMETRY

ELAIN W4
115 lm 3000 K
LOR = 100%

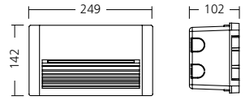


W0 / W1



W2 / W3

W4



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)
ELAIN W0	300	8	38	80+	3000	1.1
ELAIN W0	350	8	44	80+	4000	1.1
ELAIN W1	300	8	38	80+	3000	1.2
ELAIN W1	350	8	44	80+	4000	1.2
ELAIN W2	300	8	38	80+	3000	1.3
ELAIN W2	350	8	44	80+	4000	1.3
ELAIN W3	300	8	38	80+	3000	1.3
ELAIN W3	350	8	44	80+	4000	1.3
ELAIN W4	40	9	4	80+	3000/4000	1.8
ELAIN W4	115	15	8	80+	3000/400	1.8

Luminous flux tolerance +/- 10%



W0



W1



W2



W3



W4



URBAN LED LUMINAIRES

INDEX

5 YEARS WARRANTY | MAINTENANCE FREE | ECO FRIENDLY | ENERGY SAVING | UV/IR | EEC A++/A+/A

ENID W1 / W2

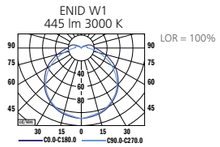
OPAL

LED



PHOTOMETRY

ENID W1
445 lm 3000 K



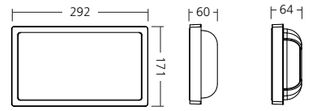


W1



W2





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)
ENID W1/W2	445	12	37	80+	3000	1.5
ENID W1/W2	490	12	41	80+	4000	1.5

Luminous flux tolerance +/- 10%

220-240V 50÷60Hz · LED · CRI 80+ Ra · CCT 3000 K · CCT 4000 K · ECG · IP65 · IK07

EN

Mounting
Wall mounted (WMD)
Light source
LED
Optical system
Opal diffuser (OPD)
Wiring
Electronic control gear FIX (ECG)
Materials
Housing: die-cast aluminium
Diffuser: polycarbonate
Surface finish
Housing: NHG
Service lifetime
50,000 hours/L70/B50 (ta 25°C)
Ambient temperature
From -10 °C to +35 °C

DE

Montage
Wandleuchte (WMD)
Lichtquelle
LED
Optisches System
Opaler Diffusor (OPD)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX (ECG)
Material
Körper: Aluminiumdruckguss
Diffusor: Polykarbonat
Oberflächenveredelung
Körper: NHG
Lebensdauer
50,000 Stunden/L70/B50 (ta 25°C)
Umgebungstemperatur
Von -10 °C bis +35 °C

FR

Montage
Applique murale (WMD)
Source lumineuse
LED
Système optique
Diffuseur opale (OPD)
Équipement électrique
Ballast électronique FIX (ECG)
Matériels
Corps: aluminium moulé sous pression
Diffuseur: polycarbonate
Finition de surface
Corps: NHG
Durée de vie utile
50,000 heures/L70/B50 (ta 25°C)
Température ambiante
De -10 °C à +35 °C

SK

Montáž
Montáž na stenu (WMD)
Svetelný zdroj
LED
Optický systém
Opálový difúzor (OPD)
Elektrická výbava
Elektronický predradník FIX (ECG)
Materiál
Teleso: hliníkový odliatok
Difúzor: polykarbonát
Povrchová úprava
Teleso: NHG
Servisná životnosť
50,000 hodín/L70/B50 (ta 25°C)
Teplota okolia
Od -10 °C do +35 °C

ES

Montaje
Montaje en pared (WMD)
Fuente lumínica
LED
Sistema óptico
Difusor ópalo (OPD)
Cableado
Equipo de control electronico FIX (ECG)
Material
Cuerpo: aluminio troquelado
Difusor: policarbonato
Tratamiento de la superficie
Cuerpo: NHG
Vida útil
50,000 horas/L70/B50 (ta 25°C)
Temperatura ambiente
Desde -10 °C a +35 °C

IT

Installazione
A parete (WMD)
Sorgente luminosa
LED
Sistema ottico
Diffusore opale (OPD)
Cablaggio
Ballast elettronico FIX (ECG)
Materiali
Corpo: pressofusione di alluminio
Diffusore: policarbonato
Finitura
Corpo: NHG
Durata di vita
50,000 ore/L70/B50 (ta 25°C)
Temperatura d'ambiente
Da -10 °C a +35 °C

RU

Установка
Стена утопленная
Источник света
LED
Оптическая система
Матовый рассеиватель (OPD)
Электрическое оснащение
Электронный пускорегулирующий аппарат FIX (ECG)
Материал
Корпус: литой алюминий
Рассеиватель: поликарбонат
Отделка поверхности
Корпус: NHG
Срок службы
50,000 часов/L70/B50 (ta 25°C)
Температура окружающей среды
От -10 °C до +35 °C

JORY SURFACED / WALL S / WALL M

FACET

LED



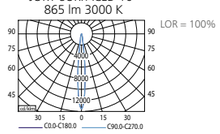
Jory

220-240V 50-60Hz | LED | CRI 80+ Ra | CCT 3000 K | CCT 4000 K | ECG | IP66 | IK08 | IK10

WALL M

PHOTOMETRY

JORY SURFACED 10°
865 lm 3000 K





SURFACED



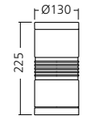
WALL S



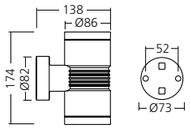
WALL M



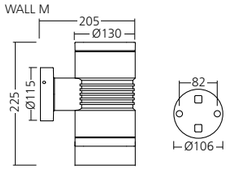
SURFACED



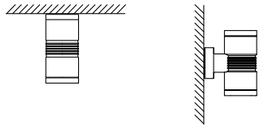
WALL S



WALL M



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 (direct, indirectr)	WEIGHT (kg)
JORY SURFACED	865	12	72	80+	3000/4000	10°	2.4
JORY SURFACED	550	12	46	80+	3000/4000	45°	2.4
JORY WALL S	360	9	40	80+	3000/4000	10°	1.8
JORY WALL S	650	18	36	80+	3000/4000	10°, 10°	1.8
JORY WALL S	305	9	34	80+	3000/4000	40°	1.8
JORY WALL S	670	18	37	80+	3000/4000	10°, 40°	1.8
JORY WALL S	610	18	34	80+	3000/4000	40°, 40°	1.8
JORY WALL M	865	12	72	80+	3000/4000	10°	2.8
JORY WALL M	1700	24	71	80+	3000/4000	10°, 10°	2.9
JORY WALL M	550	12	46	80+	3000/4000	45°	2.8
JORY WALL M	1450	24	60	80+	3000/4000	10°, 45°	2.9
JORY WALL M	1250	24	52	80+	3000/4000	45°, 45°	2.9

Luminous flux tolerance +/- 10%

EN

Mounting
Ceiling surfaced (SFD)
Wall mounted (WMD)
Light source
LED
Optical system
Facet reflector (FRE)
Wiring
Electronic control gear FIX (ECG)
Materials
Housing: die-cast aluminium
Cover: transparent hardened glass
Surface finish
Housing: NHG
Service lifetime
50,000 hours/L70/B50 (ta 25°C)
Ambient temperature
From -10 °C to +35 °C

DE

Montage
Deckenleuchte (SFD)
Wandleuchte (WMD)
Lichtquelle
LED
Optisches System
Facettierter Reflektor (FRE)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX (ECG)
Material
Körper: Aluminiumdruckguss
Abdeckung: transparentes Hartglas
Oberflächenveredelung
Körper: NHG
Lebensdauer
50,000 Stunden/L70/B50 (ta 25°C)
Umgebungstemperatur
Von -10 °C bis +35 °C

FR

Montage
Plafonnier apparent (SFD)
Applique murale (WMD)
Source lumineuse
LED
Système optique
Facett réflecteur (FRE)
Équipement électrique
Ballast électronique FIX (ECG)
Matériels
Corps: aluminium moulé sous pression
Couvercle: verre trempé transparent
Finition de surface
Corps: NHG
Durée de vie utile
50,000 heures/L70/B50 (ta 25°C)
Température ambiante
De -10 °C à +35 °C

SK

Montáž
Prisadená (SFD)
Montáž na stenu (WMD)
Svetelný zdroj
LED
Optický systém
Fazetový reflektor (FRE)
Elektrická výbava
Elektronický predradník FIX (ECG)
Materiál
Teleso: hliníkový odliatok
Kryt: transparentné tvrdené sklo
Povrchová úprava
Teleso: NHG
Servisná životnosť
50,000 hodín/L70/B50 (ta 25°C)
Teplota okolia
Od -10 °C do +35 °C

ES

Montaje
Sobrepuestas en el techo (SFD)
Montaje en pared (WMD)
Fuente lumínica
LED
Sistema óptico
Reflector facetado (FRE)
Cableado
Equipo de control electronico FIX (ECG)
Material
Cuerpo: aluminio troquelado
Cubierta : vidrio templado transparente
Tratamiento de la superficie
Cuerpo: NHG
Vida útil
50,000 horas/L70/B50 (ta 25°C)
Temperatura ambiente
Desde -10 °C a +35 °C

IT

Installazione
A plafone (SFD)
A parete (WMD)
Sorgente luminosa
LED
Sistema ottico
Riflettore sfaccettato (FRE)
Cablaggio
Ballast elettronico FIX (ECG)
Materiali
Corpo: pressofusione di alluminio
Copertura: vetro temperato trasparente
Finitura
Corpo: NHG
Durata di vita
50,000 ore/L70/B50 (ta 25°C)
Temperatura d'ambiente
Da -10 °C a +35 °C

RU

Установка
Потолочная накладная (SFD)
Настенная (WMD)
Источник света
LED
Оптическая система
Рифленый отражатель (FRE)
Электрическое оснащение
Электронный пускорегулирующий аппарат FIX (ECG)
Материал
Корпус: литой алюминий
Крышка: прозрачное закаленное стекло
Отделка поверхности
Корпус: NHG
Срок службы
50,000 часов/L70/B50 (ta 25°C)
Температура окружающей среды
От -10 °C до +35 °C

5 YEARS WARRANTY | MAINTENANCE FREE | ECO FRIENDLY | ENERGY SAVING | UV/IR | EEC A++/A+/A

JORY FLOOD S / M
LENSES / REFLECTOR
LED

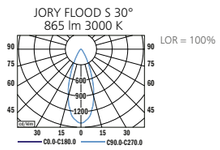


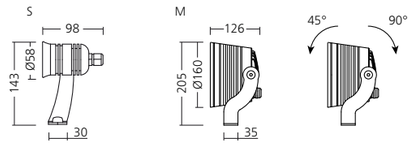
Jory Flood

220-240V 50-60Hz | LED | CRI 80+ Ra | CCT 3000 K | CCT 4000 K | ECG | S | M | IP 67 | IK 08

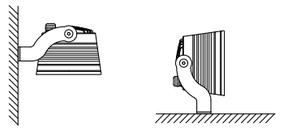
PHOTOMETRY

JORY FLOOD S 30°
865 lm 3000 K





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 (direct, indirectr)	WEIGHT (kg)
JORY FLOOD S	245	4,5	54	80+	3000	30°	0.5
JORY FLOOD S	150	4,5	33	80+	3000	120°	0.5
JORY FLOOD M	1600	20	80	80+	3000/	20°	2.6
JORY FLOOD M	1700	20	85	80+	4000	20°	2.6
JORY FLOOD M	2300	30	77	80+	3000	20°	2.6
JORY FLOOD M	2450	30	82	80+	4000	20°	2.6
JORY FLOOD M	1500	20	75	80+	3000	40°	2.6
JORY FLOOD M	1550	20	78	80+	4000	40°	2.6
JORY FLOOD M	2150	30	72	80+	3000	40°	2.6
JORY FLOOD M	2250	30	75	80+	4000	40°	2.6
JORY FLOOD M	1550	20	78	80+	3000	60°	2.6
JORY FLOOD M	1600	20	80	80+	4000	60°	2.6
JORY FLOOD M	2150	30	72	80+	3000	60°	2.6
JORY FLOOD M	2250	30	75	80+	4000	60°	2.6

Luminous flux tolerance +/- 10%



FLOOD S



FLOOD M



EN

Mounting
Wall mounted (WMD)
Ground mounted (GMD)
Light source
LED
Optical system
Lenses (S)
Facet reflector (M)
Wiring
Electronic control gear FIX (ECG)
External lead-in flexible cable
Materials
Housing: die-cast aluminium
Cover: transparent hardened glass
Surface finish
Housing: BRZ (S), NHG (M)
Service lifetime
40,000 hours/L70/B50 (ta 25°C) - S
50,000 hours/L70/B50 (ta 25°C) - M
Ambient temperature
From -10 °C to +35 °C

DE

Montage
Wandleuchte (WMD)
Bodenmontage (GMD)
Lichtquelle
LED
Optisches System
Linsen (S)
Reflektor (M)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX (ECG)
Externes Anschlusskabel
Material
Körper: Aluminiumdruckguss
Abdeckung: transparentes Hartglas
Oberflächenveredelung
Körper: BRZ (S), NHG (M)
Lebensdauer
40,000 Stunden/L70/B50 (ta 25°C) -S
50,000 Stunden/L70/B50 (ta 25°C) - M
Umgebungstemperatur
Von -10 °C bis +35 °C

FR

Montage
Applique murale (WMD)
Monté au sol (GMD)
Source lumineuse
LED
Système optique
Lentilles (S)
Réflecteur (M)
Équipement électrique
Ballast électronique FIX (ECG)
Artére externe
Matériels
Corps: aluminium moulé sous pression
Couvercle: verre trempé transparent
Finition de surface
Corps: BRZ (S), NHG (M)
Durée de vie utile
40,000 heures/L70/B50 (ta 25°C) - S
50,000 heures/L70/B50 (ta 25°C) - M
Température ambiante
De -10 °C à +35 °C

SK

Montáž
Montáž na stenu (WMD)
Montáž na zem (GMD)
Svetelný zdroj
LED
Optický systém
Šošovky (S)
Reflektor (M)
Elektrická výbava
Elektronický predradník FIX (ECG)
Privodný napájací kábel
Materiál
Teleso: hliníkový odliatok
Kryt: transparentné tvrdené sklo
Povrchová úprava
Teleso: BRZ (S), NHG (M)
Servisná životnosť
40,000 hodín/L70/B50 (ta 25°C) - S
50,000 hodín/L70/B50 (ta 25°C) - M
Teplota okolia
Od -10 °C do +35 °C

ES

Montaje
Montaje en pared (WMD)
Montada en el suelo (GMD)
Fuente lumínica
LED
Sistema óptico
Lentes (S)
Reflector (M)
Cableado
Equipo de control electronico FIX (ECG)
Cable alimentador externo
Material
Cuerpo: aluminio troquelado
Cubierta : vidrio templado transparente
Tratamiento de la superficie
Cuerpo: BRZ (S), NHG (M)
Vida útil
40,000 horas/L70/B50 (ta 25°C) - S
50,000 horas/L70/B50 (ta 25°C) - M
Temperatura ambiente
Desde -10 °C a +35 °C

IT

Installazione
A parete (WMD)
Installato a pavimento (GMD)
Sorgente luminosa
LED
Sistema ottico
Lenti (S)
Riflettore (M)
Cablaggio
Ballast elettronico FIX (ECG)
Cavetto di alimentazione esterno
Materiali
Corpo: pressofusione di alluminio
Copertura: vetro temperato trasparente
Finitura
Corpo: BRZ (S), NHG (M)
Durata di vita
40,000 ore/L70/B50 (ta 25°C) - S
50,000 ore/L70/B50 (ta 25°C) - M
Temperatura d'ambiente
Da -10 °C a +35 °C

RU

Установка
Настенная (WMD)
Установка на земле (GMD)
Источник света
LED
Оптическая система
Линзы (S)
Отражатель (M)
Электрическое оснащение
Электронный пускорегулирующий аппарат FIX (ECG)
Внешний свинца в гибком кабеле
Материал
Корпус: литой алюминий
Крышка: прозрачное закаленное стекло
Отделка поверхности
Корпус: BRZ (S), NHG (M)
Срок службы
40,000 часов/L70/B50 (ta 25°C) - S
50,000 часов/L70/B50 (ta 25°C) -M
Температура окружающей среды
От -10 °C до +35 °C

OLWEN PMT / L033 / L095/ L180 / L200 / L300

TRANSPARENT

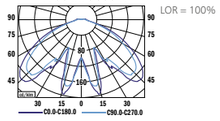
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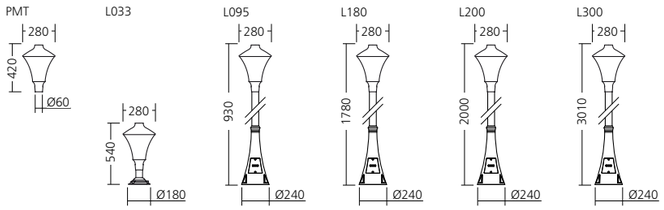


Olwen

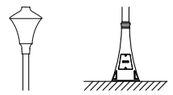
PHOTOMETRY

OLWEN PMT
1750 lm 3000 K





MOUNTING





PMT



L033



L095



L200



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)
OLWEN PMT / L033 / L095 / L180 / L200 / L300	1750	30	58	80+	3000	4.8 / 5.2 / 6.0 / 9.6 / 9.8 / 10.5
OLWEN PMT / L033 / L095 / L180 / L200 / L300	1800	30	60	80+	4000	4.8 / 5.2 / 6.0 / 9.6 / 9.8 / 10.5

Luminous flux tolerance +/- 10%

220-240V 50-60Hz · LED · CRI 80+ Ra · CCT 3000 K · CCT 4000 K · ECG · IP 65 · IK 08

EN

Mounting
Pole-top installation (PMT)
Ground mounted (GMD)
Light source
LED
Optical system
Transparent diffuser (TRD)
Wiring
Electronic control gear FIX (ECG)
External lead-in flexible cable (PMT)
External lead-in flexible cable + connectors
Materials
Housing: die-cast aluminium
Cover: polycarbonate
Surface finish
Housing: NHG
Service lifetime
50,000 hours/L70/B50 (ta 25°C)
Ambient temperature
From -10 °C to +35 °C

DE

Montage
Aufsatz-Installation (PMT)
Bodenmontage (GMD)
Lichtquelle
LED
Optisches System
Durchsichtiger Diffusor (TRD)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX (ECG)
Externes Anschlusskabel (PMT)
Externes Anschlusskabel + Steckverbinder
Material
Körper: Aluminiumdruckguss
Abdeckung: Polykarbonat
Oberflächenveredelung
Körper: NHG
Lebensdauer
50,000 Stunden/L70/B50 (ta 25°C)
Umgebungstemperatur
Von -10 °C bis +35 °C

FR

Montage
Installation supérieur du pôle (PMT)
Monté au sol (GMD)
Source lumineuse
LED
Système optique
Diffuseur transparente (TRD)
Équipement électrique
Ballast électronique FIX (ECG)
Artére externe (PMT)
Artére externe + connecteurs
Matériels
Corps: aluminium moulé sous pression
Couvercle: polycarbonate
Finition de surface
Corps: NHG
Durée de vie utile
50,000 heures/L70/B50 (ta 25°C)
Température ambiante
De -10 °C à +35 °C

SK

Montáž
Montáž na stĺp (PMT)
Montáž na zem (GMD)
Svetelný zdroj
LED
Optický systém
Transparentný difúzor (TRD)
Elektrická výbava
Elektronický predradník FIX (ECG)
Prívodný napájací kábel (PMT)
Prívodný napájací kábel + konektory
Materiál
Teleso: hliníkový odliatok
Kryt: polykarbonát
Povrchová úprava
Teleso: NHG
Servisná životnosť
50,000 hodín/L70/B50 (ta 25°C)
Teplota okolia
Od -10 °C do +35 °C

ES

Montaje
Instalación en poste superior (PMT)
Montada en el suelo (GMD)
Fuente lumínica
LED
Sistema óptico
Difusor transparente (TRD)
Cableado
Equipo de control electronico FIX (ECG)
Cable alimentador externo (PMT)
Cable alimentador externo + conectores
Material
Cuerpo: aluminio troquelado
Cubierta: policarbonato
Tratamiento de la superficie
Cuerpo: NHG
Vida útil
50,000 horas/L70/B50 (ta 25°C)
Temperatura ambiente
Desde -10 °C a +35 °C

IT

Installazione
Montaggio testa palo (PMT)
Installato a pavimento (GMD)
Sorgente luminosa
LED
Sistema ottico
Diffusore transparente (TRD)
Cablaggio
Ballast elettronico FIX (ECG)
Cavetto di alimentazione esterno (PMT)
Cavetto di alimentazione esterno + connettori (GMD)
Materiali
Corpo: pressofusione di alluminio
Copertura: policarbonato
Finitura
Corpo: NHG
Durata di vita
50,000 ore/L70/B50 (ta 25°C)
Temperatura d'ambiente
Da -10 °C a +35 °C

RU

Установка
Установка на верхушке мачты (PMT)
Установка на земле (GMD)
Источник света
LED
Оптическая система
Чистый рассеиватель (TRD)
Электрическое оснащение
Электронный пускорегулирующий аппарат FIX (ECG)
Внешний свинца в гибком кабеле (PMT)
Внешний свинца в гибком кабеле + соединители
Материал
Корпус: литой алюминий
Крышка: поликарбонат
Отделка поверхности
Корпус: NHG
Срок службы
50,000 часов/L70/B50 (ta 25°C)
Температура окружающей среды
От -10 °C до +35 °C

OLWEN I SUSPENDED / WALL / P1 / P2 / P3

TRANSPARENT

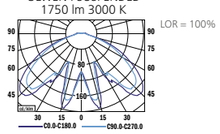
LED



Olwen I

PHOTOMETRY

OLWEN I SUSPENDED
1750 lm 3000 K





SUSPENDED



WALL



P1

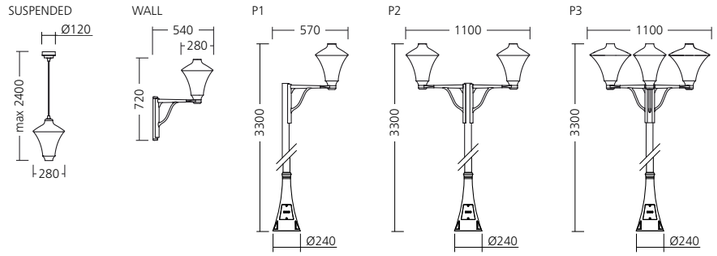


P2



P3





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)
OLWEN I SSD / WMD	1750	30	58	80+	3000	4.5 / 6.3
OLWEN I SSD / WMD	1800	30	60	80+	4000	4.5 / 6.3
OLWEN I P1	1750	30	58	80+	3000	13.7
OLWEN I P1	1800	30	60	80+	4000	13.7
OLWEN I P2	3450	60	58	80+	3000	18.7
OLWEN I P2	3650	60	61	80+	4000	18.7
OLWEN I P3	5150	90	57	80+	3000	24.0
OLWEN IIP3	5450	90	61	80+	4000	24.0

Luminous flux tolerance +/- 10%

220-240V 50-60Hz · LED · CRI 80+ Ra · CCT 3000 K · CCT 4000 K · ECG · IP65 · IK08

EN

Mounting
Suspended (SSD)
Wall mounted (WMD)
Ground mounted (GMD)
Light source
LED
Optical system
Transparent diffuser (TRD)
Wiring
Electronic control gear FIX (ECG)
External lead-in flexible cable (SSD)
External lead-in flexible cable + connectors
Materials
Housing: die-cast aluminium
Cover: polycarbonate
Surface finish
Housing: NHG
Service lifetime
50,000 hours/L70/B50 (ta 25°C)
Ambient temperature
From -10 °C to +35 °C

DE

Montage
Hängend (SSD)
Wandleuchte (WMD)
Bodenmontage (GMD)
Lichtquelle
LED
Optisches System
Durchsichtiger Diffusor (TRD)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX (ECG)
Externes Anschlusskabel (SSD)
Externes Anschlusskabel + Steckverbinder
Material
Körper: Aluminiumdruckguss
Abdeckung: Polykarbonat
Oberflächenveredelung
Körper: NHG
Lebensdauer
50,000 Stunden/L70/B50 (ta 25°C)
Umgebungstemperatur
Von -10 °C bis +35 °C

FR

Montage
Suspendu (SSD)
Applique murale (WMD)
Monté au sol (GMD)
Source lumineuse
LED
Système optique
Diffuseur transparente (TRD)
Équipement électrique
Ballast électronique FIX (ECG)
Artére externe (SSD)
Artére externe + connecteurs
Matériels
Corps: aluminium moulé sous pression
Couvercle: polycarbonate
Finition de surface
Corps: NHG
Durée de vie utile
50,000 heures/L70/B50 (ta 25°C)
Température ambiante
De -10 °C à +35 °C

SK

Montáž
Závesná (SSD)
Montáž na stenu (WMD)
Montáž na zem (GMD)
Svetelný zdroj
LED
Optický systém
Transparentný difúzor (TRD)
Elektrická výbava
Elektronický predradník FIX (ECG)
Privodný napájací kábel (SSD)
Privodný napájací kábel + konektory
Materiál
Teleso: hliníkový odliatok
Kryt: polykarbonát
Povrchová úprava
Teleso: NHG
Servisná životnosť
50,000 hodín/L70/B50 (ta 25°C)
Teplota okolia
Od -10 °C do +35 °C

ES

Montaje
Suspendidas (SSD)
Montaje en pared (WMD)
Montada en el suelo (GMD)
Fuente luminica
LED
Sistema óptico
Difusor transparente (TRD)
Cableado
Equipo de control electronico FIX (ECG)
Cable alimentador externo (SSD)
Cable alimentador externo + conectores
Material
Cuerpo: aluminio troquelado
Cubierta: policarbonato
Tratamiento de la superficie
Cuerpo: NHG
Vida útil
50,000 horas/L70/B50 (ta 25°C)
Temperatura ambiente
Desde -10 °C a +35 °C

IT

Installazione
A sospensione (SSD)
A parete (WMD)
Installato a pavimento (GMD)
Sorgente luminosa
LED
Sistema ottico
Diffusore transparente (TRD)
Cablaggio
Ballast elettronico FIX (ECG)
Cavetto di alimentazione esterno (SSD)
Cavetto di alimentazione esterno + connettori
Materiali
Corpo: pressofusione di alluminio
Copertura: policarbonato
Finitura
Corpo: NHG
Durata di vita
50,000 ore/L70/B50 (ta 25°C)
Temperatura d'ambiente
Da -10 °C a +35 °C

RU

Установка
Подвесная (SSD)
Настенная (WMD)
Установка на земле (GMD)
Источник света
LED
Оптическая система
Чистый рассеиватель (TRD)
Электрическое оснащение
Электронный пускорегулирующий аппарат FIX (ECG)
Внешний свинца в гибком кабеле (SSD)
Внешний свинца в гибком кабеле + соединители
Материал
Корпус: литой алюминий
Крышка: поликарбонат
Отделка поверхности
Корпус: NHG
Срок службы
50,000 часов/L70/B50 (ta 25°C)
Температура окружающей среды
От -10 °C до +35 °C

OLWEN II SURFACED / SUSPENDED / WALL / P1 / P2 / P3

LENSES

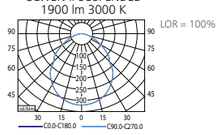
LED

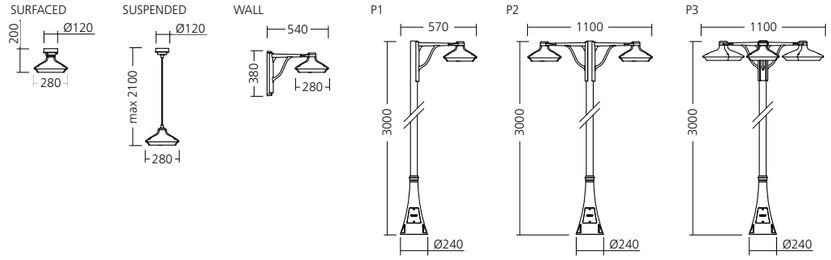


Olwen II

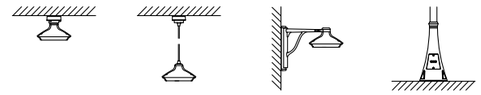
PHOTOMETRY

OLWEN II SUSPENDED
1900 lm 3000 K





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)
OLWEN II SFD / SSD / WALL	1900	30	63	80+	3000	4.0 / 4.2 / 6.3
OLWEN II SFD / SSD / WALL	2000	30	67	80+	4000	4.0 / 4.2 / 6.3
OLWEN II P1	1900	30	63	80+	3000	13.7
OLWEN II P1	2000	30	67	80+	4000	13.7
OLWEN II P2	3800	60	62	80+	3000	18.7
OLWEN II P2	4000	60	67	80+	4000	18.7
OLWEN II P3	5700	90	63	80+	3000	23.7
OLWEN II P3	6000	90	67	80+	4000	23.7

Luminous flux tolerance +/- 10%



SUSPENDED



WALL



P1



P2



P3



LED LUMINAIRES

URBAN

220-240V 50-60Hz | LED | CRI 80+ Ra | CCT 3000 K | CCT 4000 K | ECG | IP 65 | IK 08

EN

Mounting
Ceiling surfaced (SFD)
Suspended (SSD)
Wall mounted (WMD)
Ground mounted (GMD)
Light source
LED
Optical system
Lenses (LNS)
Wiring
Electronic control gear FIX (ECG)
External lead-in flexible cable (SSD)
External lead-in flexible cable + connectors (WMD, GMD)
Materials
Housing: die-cast aluminium
Cover: polycarbonate
Surface finish
Housing: NHG
Service lifetime
50,000 hours/L70/B50 (ta 25°C)
Ambient temperature
From -10 °C to +35 °C

DE

Montage
Deckenleuchte (SFD)
Hängend (SSD)
Wandleuchte (WMD)
Bodenmontage (GMD)
Lichtquelle
LED
Optisches System
Linsen (LNS)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX (ECG)
Externes Anschlusskabel (SSD)
Externes Anschlusskabel + Steckverbinder (WMD, GMD)
Material
Körper: Aluminiumdruckguss
Abdeckung: Polykarbonat
Oberflächenveredelung
Körper: NHG
Lebensdauer
50,000 Stunden/L70/B50 (ta 25°C)
Umgebungstemperatur
Von -10 °C bis +35 °C

FR

Montage
Plafonnier apparent (SFD)
Suspendu (SSD)
Applique murale (WMD)
Monté au sol (GMD)
Source lumineuse
LED
Système optique
Lentilles (LNS)
Équipement électrique
Ballast électronique FIX (ECG)
Artére externe (SSD)
Artére externe + connecteurs (WMD, GMD)
Matériels
Corps: aluminium moulé sous pression
Couvercle: polycarbonate
Finition de surface
Corps: NHG
Durée de vie utile
50,000 heures/L70/B50 (ta 25°C)
Température ambiante
De -10 °C à +35 °C

SK

Montáž
Prisadená (SFD)
Závesná (SSD)
Montáž na stenu (WMD)
Montáž na zem (GMD)
Svetelný zdroj
LED
Optický systém
Šošovky (LNS)
Elektrická výbava
Elektronický predradník FIX (ECG)
Privodný napájací kábel (SSD)
Privodný napájací kábel + konektory (WMD, GMD)
Materiál
Teleso: hliníkový odliatok
Kryt: polykarbonát
Povrchová úprava
Teleso: NHG
Servisná životnosť
50,000 hodín/L70/B50 (ta 25°C)
Teplota okolia
Od -10 °C do +35 °C

ES

Montaje
Sobrepuestas en el techo (SFD)
Suspendidas (SSD)
Montaje en pared (WMD)
Montada en el suelo (GMD)
Fuente luminica
LED
Sistema óptico
Lentes (LNS)
Cableado
Equipo de control electronico FIX (ECG)
Cable alimentador externo (SSD)
Cable alimentador externo + conectores (WMD, GMD)
Material
Cuerpo: aluminio troquelado
Cubierta: policarbonato
Tratamiento de la superficie
Cuerpo: NHG
Vida útil
50,000 horas/L70/B50 (ta 25°C)
Temperatura ambiente
Desde -10 °C a +35 °C

IT

Installazione
A plafone (SFD)
A sospensione (SSD)
A parete (WMD)
Installato a pavimento (GMD)
Sorgente luminosa
LED
Sistema ottico
Lenti (LNS)
Cablaggio
Ballast elettronico FIX (ECG)
Cavetto di alimentazione esterno (SSD)
Cavetto di alimentazione esterno + connettori (WMD, GMD)
Materiali
Corpo: pressofusione di alluminio
Copertura: policarbonato
Finitura
Corpo: NHG
Durata di vita
50,000 ore/L70/B50 (ta 25°C)
Temperatura d'ambiente
Da -10 °C a +35 °C

RU

Установка
Потолочная накладная (SFD)
Подвесная (SSD)
Настенная (WMD)
Установка на земле (GMD)
Источник света
LED
Оптическая система
Линзы (LNS)
Электрическое оснащение
Электронный пускорегулирующий аппарат FIX (ECG)
Внешний свинца в гибком кабеле (SSD)
Внешний свинца в гибком кабеле + соединители (WMD, GMD)
Материал
Корпус: литой алюминий
Крышка: поликарбонат
Отделка поверхности
Корпус: NHG
Срок службы
50,000 часов/L70/B50 (ta 25°C)
Температура окружающей среды
От -10 °C до +35 °C

LOIS I WALL / L035 / L070 / L090

TRANSPARENT

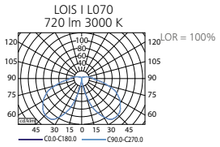
LED



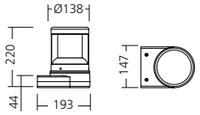
Lois I

PHOTOMETRY

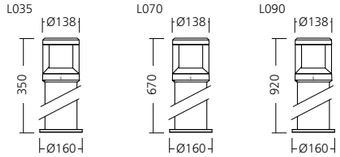
LOIS I L070
720 lm 3000 K



WALL



L035 / L070 / L090



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)
LOIS I WALL	720	10	72	80+	3000	2.6
LOIS I WALL	800	10	80	80+	4000	2.6
LOIS I L035	720	10	72	80+	3000	2.5
LOIS I L035	800	10	80	80+	4000	2.5
LOIS I L070	7520	10	72	80+	3000	3.4
LOIS I L070	800	10	80	80+	4000	3.4
LOIS I L090	720	10	72	80+	3000	4.0
LOIS I L090	800	10	80	80+	4000	4.0

Luminous flux tolerance +/- 10%



WALL



L035



L070



L090



220-240V 50-60Hz | LED | CRI 80+ Ra | CCT 3000 K | CCT 4000 K | ECG | IP65 | IK07

EN

Mounting
Wall mounted (WMD)
Ground mounted (GMD)
Light source
LED
Optical system
Transparent diffuser (TRD)
Wiring
Electronic control gear FIX (ECG)
External lead-in flexible cable + connectors (GMD)
Materials
Housing: die-cast aluminium
Diffuser: polycarbonate
Surface finish
Housing: NHG
Service lifetime
50,000 hours/L70/B50 (ta 25°C)
Ambient temperature
From -10 °C to +35 °C

DE

Montage
Wandleuchte (WMD)
Bodenmontage (GMD)
Lichtquelle
LED
Optisches System
Dursichtig Diffusor (TRD)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX (ECG)
Externes Anschlusskabe + Steckverbinder (GMD)
Material
Körper: Aluminiumdruckguss
Diffusor: Polykarbonat
Oberflächenveredelung
Körper: NHG
Lebensdauer
50,000 Stunden/L70/B50 (ta 25°C)
Umgebungstemperatur
Von -10 °C bis +35 °C

FR

Montage
Applique murale (WMD)
Monté au sol (GMD)
Source lumineuse
LED
Système optique
Couvercle transparente (TRD)
Équipement électrique
Ballast électronique FIX (ECG)
Artére externe + connecteurs (GMD)
Matériels
Corps: aluminium moulé sous pression
Diffuseur: polycarbonate
Finition de surface
Corps: NHG
Durée de vie utile
50,000 heures/L70/B50 (ta 25°C)
Température ambiante
De -10 °C à +35 °C

SK

Montáž
Montáž na stenu (WMD)
Montáž na zem (GMD)
Svetelný zdroj
LED
Optický systém
Transparentný difúzor (TRD)
Elektrická výbava
Elektronický predradník FIX (ECG)
Prívodný napájací kábel + konektory (GMD)
Materiál
Teleso: hliníkový odliatok
Difúzor: polykarbonát
Povrchová úprava
Teleso: NHG
Servisná životnosť
50,000 hodín/L70/B50 (ta 25°C)
Teplota okolia
Od -10 °C do +35 °C

ES

Montaje
Montaje en pared (WMD)
Montada en el suelo (GMD)
Fuente lumínica
LED
Sistema óptico
Difusor transparente (TRD)
Cableado
Equipo de control electronico FIX (ECG)
Cable alimentador externo + conectores (GMD)
Material
Cuerpo: aluminio troquelado
Difusor: policarbonato
Tratamiento de la superficie
Cuerpo: NHG
Vida útil
50,000 horas/L70/B50 (ta 25°C)
Temperatura ambiente
Desde -10 °C a +35 °C

IT

Installazione
A parete (WMD)
Installato a pavimento (GMD)
Sorgente luminosa
LED
Sistema ottico
Diffusore transparente (TRD)
Cablaggio
Ballast elettronico FIX (ECG)
Cavetto di alimentazione esterno + connettori (GMD)
Materiali
Corpo: pressofusione di alluminio
Diffusore: policarbonato
Finitura
Corpo: NHG
Durata di vita
50,000 ore/L70/B50 (ta 25°C)
Temperatura d'ambiente
Da -10 °C a +35 °C

RU

Установка
Настенная (WMD)
Установка на земле (GMD)
Источник света
LED
Оптическая система
Чистый рассеиватель (TRD)
Электрическое оснащение
Электронный пускорегулирующий аппарат FIX (ECG)
Внешний свинца в гибком кабеле + соединители (GMD)
Материал
Корпус: литой алюминий
Рассеиватель: поликарбонат
Отделка поверхности
Корпус: NHG
Срок службы
50,000 часов/L70/B50 (ta 25°C)
Температура окружающей среды
От -10 °C до +35 °C

LOIS II WALL / L060 / L090 / L115 / L240

TRANSPARENT

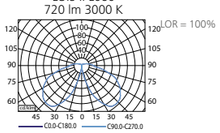
LED

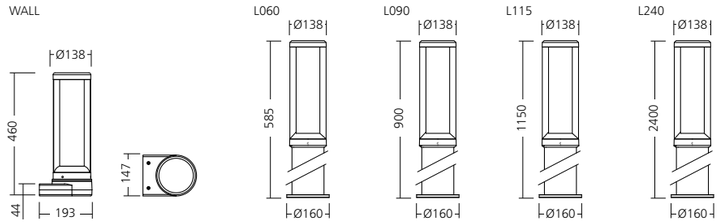


Lois II

PHOTOMETRY

LOIS II L060
720 lm 3000 K





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)
LOIS II WALL	720	10	72	80+	3000	3.6
LOIS II WALL	800	10	80	80+	4000	3.6
LOIS II L060	720	10	72	80+	3000	4.0
LOIS II L060	800	10	80	80+	4000	4.0
LOIS II L090	7520	10	72	80+	3000	4.7
LOIS II L090	800	10	80	80+	4000	4.7
LOIS II L115	720	10	72	80+	3000	5.5
LOIS II L115	800	10	80	80+	4000	5.5
LOIS II L240	720	10	72	80+	3000	9.3
LOIS II L240	800	10	80	80+	4000	9.3

Luminous flux tolerance +/- 10%



WALL



L060



L090



L115



220-240V 50-60Hz | LED | CRI 80+ Ra | CCT 3000 K | CCT 4000 K | ECG | IP65 | IK07

EN

Mounting
Wall mounted (WMD)
Ground mounted (GMD)
Light source
LED
Optical system
Transparent diffuser (TRD)
Wiring
Electronic control gear FIX (ECG)
External lead-in flexible cable + connectors (GMD)
Materials
Housing: die-cast aluminium
Diffuser: polycarbonate
Surface finish
Housing: NHG
Service lifetime
50,000 hours/L70/B50 (ta 25°C)
Ambient temperature
From -10 °C to +35 °C

DE

Montage
Wandleuchte (WMD)
Bodenmontage (GMD)
Lichtquelle
LED
Optisches System
Dursichtig Diffusor (TRD)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX (ECG)
Externes Anschlusskabe + Steckverbinder (GMD)
Material
Körper: Aluminiumdruckguss
Diffusor: Polykarbonat
Oberflächenveredelung
Körper: NHG
Lebensdauer
50,000 Stunden/L70/B50 (ta 25°C)
Umgebungstemperatur
Von -10 °C bis +35 °C

FR

Montage
Applique murale (WMD)
Monté au sol (GMD)
Source lumineuse
LED
Système optique
Couvercle transparente (TRD)
Équipement électrique
Ballast électronique FIX (ECG)
Artére externe + connecteurs (GMD)
Matériels
Corps: aluminium moulé sous pression
Diffuseur: polycarbonate
Finition de surface
Corps: NHG
Durée de vie utile
50,000 heures/L70/B50 (ta 25°C)
Température ambiante
De -10 °C à +35 °C

SK

Montáž
Montáž na stenu (WMD)
Montáž na zem (GMD)
Svetelný zdroj
LED
Optický systém
Transparentný difúzor (TRD)
Elektrická výbava
Elektronický predradník FIX (ECG)
Prívodný napájací kábel + konektory (GMD)
Materiál
Teleso: hliníkový odliatok
Difúzor: polykarbonát
Povrchová úprava
Teleso: NHG
Servisná životnosť
50,000 hodín/L70/B50 (ta 25°C)
Teplota okolia
Od -10 °C do +35 °C

ES

Montaje
Montaje en pared (WMD)
Montada en el suelo (GMD)
Fuente lumínica
LED
Sistema óptico
Difusor transparente (TRD)
Cableado
Equipo de control electronico FIX (ECG)
Cable alimentador externo + conectores (GMD)
Material
Cuerpo: aluminio troquelado
Difusor: policarbonato
Tratamiento de la superficie
Cuerpo: NHG
Vida útil
50,000 horas/L70/B50 (ta 25°C)
Temperatura ambiente
Desde -10 °C a +35 °C

IT

Installazione
A parete (WMD)
Installato a pavimento (GMD)
Sorgente luminosa
LED
Sistema ottico
Diffusore transparente (TRD)
Cablaggio
Ballast elettronico FIX (ECG)
Cavetto di alimentazione esterno + connettori (GMD)
Materiali
Corpo: pressofusione di alluminio
Diffusore: policarbonato
Finitura
Corpo: NHG
Durata di vita
50,000 ore/L70/B50 (ta 25°C)
Temperatura d'ambiente
Da -10 °C a +35 °C

RU

Установка
Настенная (WMD)
Установка на земле (GMD)
Источник света
LED
Оптическая система
Чистый рассеиватель (TRD)
Электрическое оснащение
Электронный пускорегулирующий аппарат FIX (ECG)
Внешний свинца в гибком кабеле + соединители (GMD)
Материал
Корпус: литой алюминий
Рассеиватель: поликарбонат
Отделка поверхности
Корпус: NHG
Срок службы
50,000 часов/L70/B50 (ta 25°C)
Температура окружающей среды
От -10 °C до +35 °C

SABELA WALL / L045 / L075 / L100 / L125

TRANSPARENT

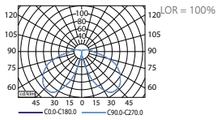
LED

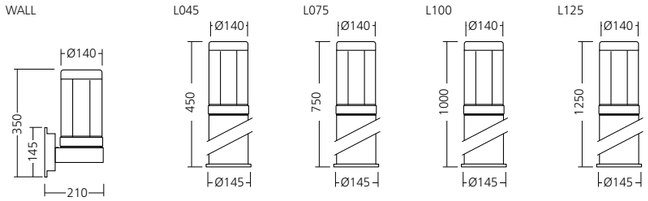


Sabela

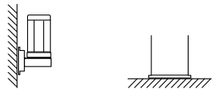
PHOTOMETRY

SABELA L045
720 lm 3000 K





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)
SABELA WALL	720	10	72	80+	3000	3.7
SABELA WALL	800	10	80	80+	4000	3.7
SABELA L045	720	10	72	80+	3000	4.1
SABELA L045	800	10	80	80+	4000	4.1
SABELA L075	720	10	72	80+	3000	6.0
SABELA L075	800	10	80	80+	4000	6.0
SABELA L100	720	10	72	80+	3000	7.5
SABELA L100	800	10	80	80+	4000	7.5
SABELA L125	720	10	72	80+	3000	9.0
SABELA L125	800	10	80	80+	4000	9.0

Luminous flux tolerance +/- 10%



WALL



L045



L075



L100



220-240V 50-60Hz | LED | CRI 80+ Ra | CCT 3000 K | CCT 4000 K | ECG | IP 43 | IP 65 | IK 07

WALL

EN

Mounting
Wall mounted (WMD)
Ground mounted (GMD)
Light source
LED
Optical system
Transparent diffuser (TRD)
Wiring
Electronic control gear FIX (ECG)
Materials
Housing: die-cast aluminium
Diffuser: polycarbonate
Surface finish
Housing: NHG
Service lifetime
50,000 hours/L70/B50 (ta 25°C)
Ambient temperature
From -10 °C to +35 °C

DE

Montage
Wandleuchte (WMD)
Bodenmontage (GMD)
Lichtquelle
LED
Optisches System
Dursichtig Diffusor (TRD)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX (ECG)
Material
Körper: Aluminiumdruckguss
Diffusor: Polykarbonat
Oberflächenveredelung
Körper: NHG
Lebensdauer
50,000 Stunden/L70/B50 (ta 25°C)
Umgebungstemperatur
Von -10 °C bis +35 °C

FR

Montage
Applique murale (WMD)
Monté au sol (GMD)
Source lumineuse
LED
Système optique
Couvercle transparente (TRD)
Équipement électrique
Ballast électronique FIX (ECG)
Matériels
Corps: aluminium moulé sous pression
Diffuseur: polycarbonate
Finition de surface
Corps: NHG
Durée de vie utile
50,000 heures/L70/B50 (ta 25°C)
Température ambiante
De -10 °C à +35 °C

SK

Montáž
Montáž na stenu (WMD)
Montáž na zem (GMD)
Svetelný zdroj
LED
Optický systém
Transparentný difúzor (TRD)
Elektrická výbava
Elektronický predradník FIX (ECG)
Materiál
Teleso: hliníkový odliatok
Difúzor: polykarbonát
Povrchová úprava
Teleso: NHG
Servisná životnosť
50,000 hodín/L70/B50 (ta 25°C)
Teplota okolia
Od -10 °C do +35 °C

ES

Montaje
Montaje en pared (WMD)
Montada en el suelo (GMD)
Fuente lumínica
LED
Sistema óptico
Difusor transparente (TRD)
Cableado
Equipo de control electronico FIX (ECG)
Material
Cuerpo: aluminio troquelado
Difusor: policarbonato
Tratamiento de la superficie
Cuerpo: NHG
Vida útil
50,000 horas/L70/B50 (ta 25°C)
Temperatura ambiente
Desde -10 °C a +35 °C

IT

Installazione
A parete (WMD)
Installato a pavimento (GMD)
Sorgente luminosa
LED
Sistema ottico
Diffusore transparente (TRD)
Cablaggio
Ballast elettronico FIX (ECG)
Materiali
Corpo: pressofusione di alluminio
Diffusore: policarbonato
Finitura
Corpo: NHG
Durata di vita
50,000 ore/L70/B50 (ta 25°C)
Temperatura d'ambiente
Da -10 °C a +35 °C

RU

Установка
Настенная (WMD)
Установка на земле (GMD)
Источник света
LED
Оптическая система
Чистый рассеиватель (TRD)
Электрическое оснащение
Электронный пускорегулирующий аппарат FIX (ECG)
Материал
Корпус: литой алюминий
Рассеиватель: поликарбонат
Отделка поверхности
Корпус: NHG
Срок службы
50,000 часов/L70/B50 (ta 25°C)
Температура окружающей среды
От -10 °C до +35 °C

MEGAN L018 / L040 / L060

OPAL

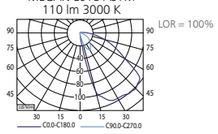
LED

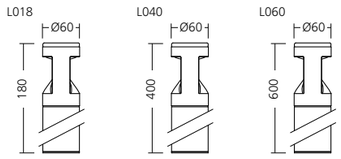


Megan

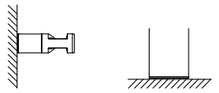
PHOTOMETRY

MEGAN L018 ASYM
110 lm 3000 K





MOUNTING





L018



L018



L040



L060



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)
MEGAN L018	110	6	18	80+	3000	ASYM	0.7
MEGAN L018	215	6	36	80+	3000	DOUBLE ASYM	0.7
MEGAN L040	110	6	18	80+	3000	ASYM	1.0
MEGAN L040	215	6	36	80+	3000	DOUBLE ASYM	1.0
MEGAN L060	110	6	18	80+	3000	ASYM	1.5
MEGAN L060	215	6	36	80+	3000	DOUBLE ASYM	1.5

Luminous flux tolerance +/- 10%

220-240V 50÷60Hz · LED · CRI 80+ Ra · CCT 3000 K · ECG · IP65 · IK08

EN

Mounting
Wall mounted (WMD)
Ground mounted (GMD)
Light source
LED
Optical system
Opal diffuser (OPD)
Wiring
Electronic control gear FIX (ECG)
External lead-in flexible cable + connectors
Materials
Housing: die-cast aluminium
Diffuser: polycarbonate
Surface finish
Housing: NHG
Service lifetime
50,000 hours/L70/B50 (ta 25°C)
Ambient temperature
From -10 °C to +35 °C

DE

Montage
Wandleuchte (WMD)
Bodenmontage (GMD)
Lichtquelle
LED
Optisches System
Opal Diffusor (OPD)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX (ECG)
Externes Anschlusskabe + Steckverbinder
Material
Körper: Aluminiumdruckguss
Diffusor: Polykarbonat
Oberflächenveredelung
Körper: NHG
Lebensdauer
50,000 Stunden/L70/B50 (ta 25°C)
Umgebungstemperatur
Von -10 °C bis +35 °C

FR

Montage
Applique murale (WMD)
Monté au sol (GMD)
Source lumineuse
LED
Système optique
Couvercle opale (OPD)
Équipement électrique
Ballast électronique FIX (ECG)
Artére externe + connecteurs
Matériels
Corps: aluminium moulé sous pression
Diffuseur: polycarbonate
Finition de surface
Corps: NHG
Durée de vie utile
50,000 heures/L70/B50 (ta 25°C)
Température ambiante
De -10 °C à +35 °C

SK

Montáž
Montáž na stenu (WMD)
Montáž na zem (GMD)
Svetelný zdroj
LED
Optický systém
Opálový difúzor (OPD)
Elektrická výbava
Elektronický predradník FIX (ECG)
Prívodný napájací kábel + konektory
Materiál
Teleso: hliníkový odliatok
Difúzor: polykarbonát
Povrchová úprava
Teleso: NHG
Servisná životnosť
50,000 hodín/L70/B50 (ta 25°C)
Teplota okolia
Od -10 °C do +35 °C

ES

Montaje
Montaje en pared (WMD)
Montada en el suelo (GMD)
Fuente luminica
LED
Sistema óptico
Difusor opalescente (OPD)
Cableado
Equipo de control electronico FIX (ECG)
Cable alimentador externo + conectores
Material
Cuerpo: aluminio troquelado
Difusor: policarbonato
Tratamiento de la superficie
Cuerpo: NHG
Vida útil
50,000 horas/L70/B50 (ta 25°C)
Temperatura ambiente
Desde -10 °C a +35 °C

IT

Installazione
A parete (WMD)
Installato a pavimento (GMD)
Sorgente luminosa
LED
Sistema ottico
Diffusore opale (OPD)
Cablaggio
Ballast elettronico FIX (ECG)
Cavetto di alimentazione esterno + connettori
Materiali
Corpo: pressofusione di alluminio
Diffusore: policarbonato
Finitura
Corpo: NHG
Durata di vita
50,000 ore/L70/B50 (ta 25°C)
Temperatura d'ambiente
Da -10 °C a +35 °C

RU

Установка
Настенная (WMD)
Установка на земле (GMD)
Источник света
LED
Оптическая система
Матовый рассеиватель (OPD)
Электрическое оснащение
Электронный пускорегулирующий аппарат FIX (ECG)
Внешний свинца в гибком кабеле + соединители
Материал
Корпус: литой алюминий
Рассеиватель: поликарбонат
Отделка поверхности
Корпус: NHG
Срок службы
50,000 часов/L70/B50 (ta 25°C)
Температура окружающей среды
От -10 °C до +35 °C

YANN WALL / L012 / L035 / L070

MATT + OPAL

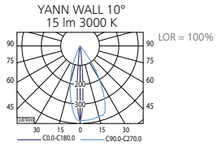
LED

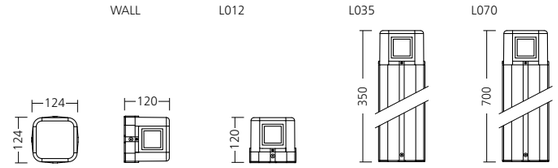


Yann

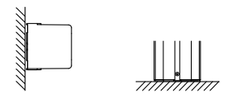
PHOTOMETRY

YANN WALL 10°
15 lm 3000 K





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 (direct, indirect)	WEIGHT (kg)
YANN WALL	15	5	3	80+	3000	10°	1.0
YANN WALL	30	10	3	80+	3000	10°	1.0
YANN WALL	30	10	3	80+	3000	10°, 10°	1.0
YANN WALL	150	5	30	80+	3000	45°	1.0
YANN WALL	300	10	30	80+	3000	45°	1.0
YANN WALL	170	10	17	80+	3000	45°, 10°	1.0
YANN WALL	310	10	31	80+	3000	45°, 45°	1.0
YANN L012	280	10	28	80+	3000	45°, 45°	1.5
YANN L035	280	10	28	80+	3000	45°, 45°	2.5
YANN L070	280	10	28	80+	3000	45°, 45°	4.1

Luminous flux tolerance +/- 10%



WALL



L012



L035



L070



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

EN

Mounting
Wall mounted (WMD)
Ground mounted (GMD)
Light source
LED
Optical system
Matt reflector + opal diffuser (MRO)
Wiring
Electronic control gear FIX (ECG)
External lead-in flexible cable + connectors (L035, L70)
Materials
Housing: die-cast aluminium
Diffuser: polycarbonate
Surface finish
Housing: NHG
Service lifetime
50,000 hours/L70/B50 (ta 25°C)
Ambient temperature
From -10 °C to +35 °C

DE

Montage
Wandleuchte (WMD)
Bodenmontage (GMD)
Lichtquelle
LED
Optisches System
Matter Reflektor + opaler Diffusor (MRO)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX (ECG)
Externes Anschlusskabe + Steckverbinder (L035, L070)
Material
Körper: Aluminiumdruckguss
Diffusor: Polykarbonat
Oberflächenveredelung
Körper: NHG
Lebensdauer
50,000 Stunden/L70/B50 (ta 25°C)
Umgebungstemperatur
Von -10 °C bis +35 °C

FR

Montage
Applique murale (WMD)
Monté au sol (GMD)
Source lumineuse
LED
Système optique
Réflecteur mat + diffuseur opale (MRO)
Équipement électrique
Ballast électronique FIX (ECG)
Artére externe + connecteurs (L035, L070)
Matériels
Corps: aluminium moulé sous pression
Diffuseur: polycarbonate
Finition de surface
Corps: NHG
Durée de vie utile
50,000 heures/L70/B50 (ta 25°C)
Température ambiante
De -10 °C à +35 °C

SK

Montáž
Montáž na stenu (WMD)
Montáž na zem (GMD)
Svetelný zdroj
LED
Optický systém
Matný reflektor + opálový difúzor (MRO)
Elektrická výbava
Elektronický predradník FIX (ECG)
Prívodný napájací kábel + konektory (L035, L070)
Materiál
Teleso: hliníkový odliatok
Difúzor: polykarbonát
Povrchová úprava
Teleso: NHG
Servisná životnosť
50,000 hodín/L70/B50 (ta 25°C)
Teplota okolia
Od -10 °C do +35 °C

ES

Montaje
Montaje en pared (WMD)
Montada en el suelo (GMD)
Fuente lumínica
LED
Sistema óptico
Reflector mate + difusor ópala (MRO)
Cableado
Equipo de control electronico FIX (ECG)
Cable alimentador externo + conectores (L035, L070)
Material
Cuerpo: aluminio troquelado
Difusor: policarbonato
Tratamiento de la superficie
Cuerpo: NHG
Vida útil
50,000 horas/L70/B50 (ta 25°C)
Temperatura ambiente
Desde -10 °C a +35 °C

IT

Installazione
A parete (WMD)
Installato a pavimento (GMD)
Sorgente luminosa
LED
Sistema ottico
Riflettore opaco + diffusore opale (MRO)
Cablaggio
Ballast elettronico FIX (ECG)
Cavetto di alimentazione esterno + connettori (L035, L070)
Materiali
Corpo: pressofusione di alluminio
Diffusore: policarbonato
Finitura
Corpo: NHG
Durata di vita
50,000 ore/L70/B50 (ta 25°C)
Temperatura d'ambiente
Da -10 °C a +35 °C

RU

Установка
Настенная (WMD)
Установка на земле (GMD)
Источник света
LED
Оптическая система
Матовый отражатель + матовый рассеиватель (MRO)
Электрическое оснащение
Электронный пускорегулирующий аппарат FIX (ECG)
Внешний свинца в гибком кабеле + соединители (L035, L070)
Материал
Корпус: литой алюминий
Рассеиватель: поликарбонат
Отделка поверхности
Корпус: NHG
Срок службы
50,000 часов/L70/B50 (ta 25°C)
Температура окружающей среды
От -10 °C до +35 °C

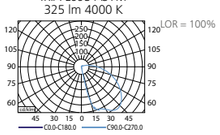
IRIA WALL / L095

ASYMMETRIC MATT
LED



PHOTOMETRY

IRIA L095 ASYM
325 lm 4000 K





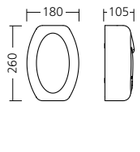
WALL



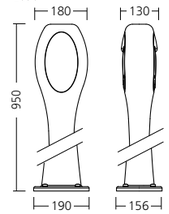
L095



WALL



L095



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)
IRIA WALL	310	8	39	80+	3000	ASYM	2.4
IRIA WALL	325	8	41	80+	4000	ASYM	2.4
IRIA L095	310	8	39	80+	3000	ASYM	6.8
IRIA L095	325	8	41	80+	4000	ASYM	6.8
IRIA L095	600	17	35	80+	3000	DOUBLE ASYM	6.8
IRIA L095	650	17	38	80+	4000	DOUBLE ASYM	6.8

Luminous flux tolerance +/- 10%

220-240V 50-60Hz · LED · CRI 80+ Ra · CCT 3000 K · CCT 4000 K · ECG · IP65 · IK08

EN

Mounting
Wall mounted (WMD)
Ground mounted (GMD)
Light source
LED
Optical system
Asymmetric matt reflector (ASM)
Wiring
Electronic control gear FIX (ECG)
External lead-in flexible cable + connectors (GMD)
Materials
Housing: die-cast aluminium
Diffuser: polycarbonate
Surface finish
Housing: NHG
Service lifetime
50,000 hours/L70/B50 (ta 25°C)
Ambient temperature
From -10 °C to +35 °C

DE

Montage
Wandleuchte (WMD)
Bodenmontage (GMD)
Lichtquelle
LED
Optisches System
Asymmetrisch matter Reflektor (ASM)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX (ECG)
Externes Anschlusskabe + Steckverbinder (GMD)
Material
Körper: Aluminiumdruckguss
Diffusor: Polykarbonat
Oberflächenveredelung
Körper: NHG
Lebensdauer
50,000 Stunden/L70/B50 (ta 25°C)
Umgebungstemperatur
Von -10 °C bis +35 °C

FR

Montage
Applique murale (WMD)
Monté au sol (GMD)
Source lumineuse
LED
Système optique
Réflecteur asymétrique mat (ASM)
Équipement électrique
Ballast électronique FIX (ECG)
Artére externe + connecteurs (GMD)
Matériels
Corps: aluminium moulé sous pression
Diffuseur: polycarbonate
Finition de surface
Corps: NHG
Durée de vie utile
50,000 heures/L70/B50 (ta 25°C)
Température ambiante
De -10 °C à +35 °C

SK

Montáž
Montáž na stenu (WMD)
Montáž na zem (GMD)
Svetelný zdroj
LED
Optický systém
Asymetrický matný reflektor (ASM)
Elektrická výbava
Elektronický predradník FIX (ECG)
Prívodný napájací kábel + konektory (GMD)
Materiál
Teleso: hliníkový odliatok
Difúzor: polykarbonát
Povrchová úprava
Teleso: NHG
Servisná životnosť
50,000 hodín/L70/B50 (ta 25°C)
Teplota okolia
Od -10 °C do +35 °C

ES

Montaje
Montaje en pared (WMD)
Montada en el suelo (GMD)
Fuente lumínica
LED
Sistema óptico
Reflector asimétrico mate (ASM)
Cableado
Equipo de control electronico FIX (ECG)
Cable alimentador externo + conectores (GMD)
Material
Cuerpo: aluminio troquelado
Difusor: policarbonato
Tratamiento de la superficie
Cuerpo: NHG
Vida útil
50,000 horas/L70/B50 (ta 25°C)
Temperatura ambiente
Desde -10 °C a +35 °C

IT

Installazione
A parete (WMD)
Installato a pavimento (GMD)
Sorgente luminosa
LED
Sistema ottico
Riflettore asimmetrico opaco (ASM)
Cablaggio
Ballast elettronico FIX (ECG)
Cavetto di alimentazione esterno + connettori (GMD)
Materiali
Corpo: pressofusione di alluminio
Diffusore: policarbonato
Finitura
Corpo: NHG
Durata di vita
50,000 ore/L70/B50 (ta 25°C)
Temperatura d'ambiente
Da -10 °C a +35 °C

RU

Установка
Настенная (WMD)
Установка на земле (GMD)
Источник света
LED
Оптическая система
Асимметричный матовый отражатель (ASM)
Электрическое оснащение
Электронный пускорегулирующий аппарат FIX (ECG)
Внешний свинца в гибком кабеле + соединители (GMD)
Материал
Корпус: литой алюминий
Рассеиватель: поликарбонат
Отделка поверхности
Корпус: NHG
Срок службы
50,000 часов/L70/B50 (ta 25°C)
Температура окружающей среды
От -10 °C до +35 °C

SALLA WALL / L035 / L050 / L075 / L100

OPAL

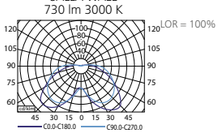
LED



Salla

PHOTOMETRY

SALLA WALL
730 lm 3000 K





WALL



L035



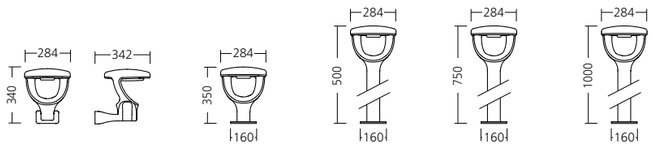
L050



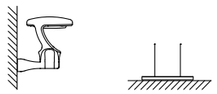
L100



WALL L035 L050 L075 L100



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)
SALLA WALL	730	10	73	80+	3000	3.0
SALLA WALL	800	10	80	80+	4000	3.0
SALLA L035	730	10	73	80+	3000	3.5
SALLA L035	800	10	80	80+	4000	3.5
SALLA L050	730	10	73	80+	3000	4.0
SALLA L050	800	10	80	80+	4000	4.0
SALLA L075	730	10	73	80+	3000	4.5
SALLA L075	800	10	80	80+	4000	4.5
SALLA L100	730	10	73	80+	3000	5.0
SALLA L100	800	10	80	80+	4000	5.0

Luminous flux tolerance +/- 10%

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

EN

Mounting
Wall mounted (WMD)
Ground mounted (GMD)
Light source
LED
Optical system
Opal diffuser (OPD)
Wiring
Electronic control gear FIX (ECG)
External lead-in flexible cable + connectors
Materials
Housing: die-cast aluminium
Diffuser: polycarbonate
Surface finish
Housing: NHG
Service lifetime
50,000 hours/L70/B50 (ta 25°C)
Ambient temperature
From -10 °C to +35 °C

DE

Montage
Wandleuchte (WMD)
Bodenmontage (GMD)
Lichtquelle
LED
Optisches System
Opaler Diffusor (OPD)
Vorschaltgerät
Elektronisches Vorschaltgerät FIX (ECG)
Externes Anschlusskabe + Steckverbinder
Material
Körper: Aluminiumdruckguss
Diffusor: Polykarbonat
Oberflächenveredelung
Körper: NHG
Lebensdauer
50,000 Stunden/L70/B50 (ta 25°C)
Umgebungstemperatur
Von -10 °C bis +35 °C

FR

Montage
Applique murale (WMD)
Monté au sol (GMD)
Source lumineuse
LED
Système optique
Diffuseur opale (OPD)
Équipement électrique
Ballast électronique FIX (ECG)
Artére externe + connecteurs
Matériels
Corps: aluminium moulé sous pression
Diffuseur: polycarbonate
Finition de surface
Corps: NHG
Durée de vie utile
50,000 heures/L70/B50 (ta 25°C)
Température ambiante
De -10 °C à +35 °C

SK

Montáž
Montáž na stenu (WMD)
Montáž na zem (GMD)
Svetelný zdroj
LED
Optický systém
Opálový difúzor (OPD)
Elektrická výbava
Elektronický predradník FIX (ECG)
Prívodný napájací kábel + konektory
Materiál
Teleso: hliníkový odliatok
Difúzor: polykarbonát
Povrchová úprava
Teleso: NHG
Servisná životnosť
50,000 hodín/L70/B50 (ta 25°C)
Teplota okolia
Od -10 °C do +35 °C

ES

Montaje
Montaje en pared (WMD)
Montada en el suelo (GMD)
Fuente lumínica
LED
Sistema óptico
Difusor ópala (OPD)
Cableado
Equipo de control electronico FIX (ECG)
Cable alimentador externo + conectores
Material
Cuerpo: aluminio troquelado
Difusor: policarbonato
Tratamiento de la superficie
Cuerpo: NHG
Vida útil
50,000 horas/L70/B50 (ta 25°C)
Temperatura ambiente
Desde -10 °C a +35 °C

IT

Installazione
A parete (WMD)
Installato a pavimento (GMD)
Sorgente luminosa
LED
Sistema ottico
Diffusore opale (OPD)
Cablaggio
Ballast elettronico FIX (ECG)
Cavetto di alimentazione esterno + connettori
Materiali
Corpo: pressofusione di alluminio
Diffusore: policarbonato
Finitura
Corpo: NHG
Durata di vita
50,000 ore/L70/B50 (ta 25°C)
Temperatura d'ambiente
Da -10 °C a +35 °C

RU

Установка
Настенная (WMD)
Установка на земле (GMD)
Источник света
LED
Оптическая система
Матовый рассеиватель (OPD)
Электрическое оснащение
Электронный пускорегулирующий аппарат FIX (ECG)
Внешний свинца в гибком кабеле + соединители
Материал
Корпус: литой алюминий
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Отделка поверхности
Корпус: NHG
Срок службы
50,000 часов/L70/B50 (ta 25°C)
Температура окружающей среды
От -10 °C до +35 °C

NOELA WALL / L050 / L075 / L100

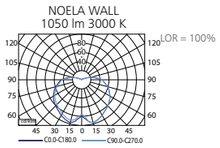
OPAL

LED



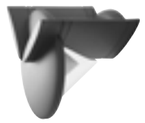
Noela

PHOTOMETRY





WALL



L050



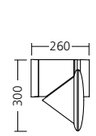
L075



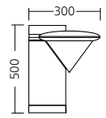
L100



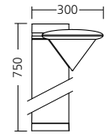
WALL



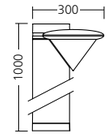
L050



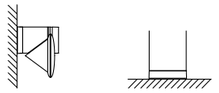
L075



L100



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)
NOELA WALL	1050	20	53	80+	3000	4.0
NOELA WALL	1100	20	55	80+	4000	4.0
NOELA L050	1050	20	53	80+	3000	5.6
NOELA L050	1100	20	55	80+	4000	5.6
NOELA L075	1050	20	53	80+	3000	7.2
NOELA L075	1100	20	55	80+	4000	7.2
NOELA L100	1050	20	53	80+	3000	8.8
NOELA L100	1100	20	55	80+	4000	8.8

Luminous flux tolerance +/- 10%

220-240V 50-60Hz · LED · CRI 80+ Ra · CCT 3000 K · CCT 4000 K · ECG · IP65 · IK07

EN

Mounting
Wall mounted (WMD)
Ground mounted (GMD)
Light source
LED
Optical system
Opal diffuser (OPD)
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Od -10 °C do +35 °C

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Montaje
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Montada en el suelo (GMD)
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LED
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Difusor ópala (OPD)
Cableado
Equipo de control electronico FIX (ECG)
Cable alimentador externo + conectores
Material
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Difusor: policarbonato
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RU

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Установка на земле (GMD)
Источник света
LED
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Матовый рассеиватель (OPD)
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Корпус: NHG
Срок службы
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Температура окружающей среды
От -10 °C до +35 °C

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

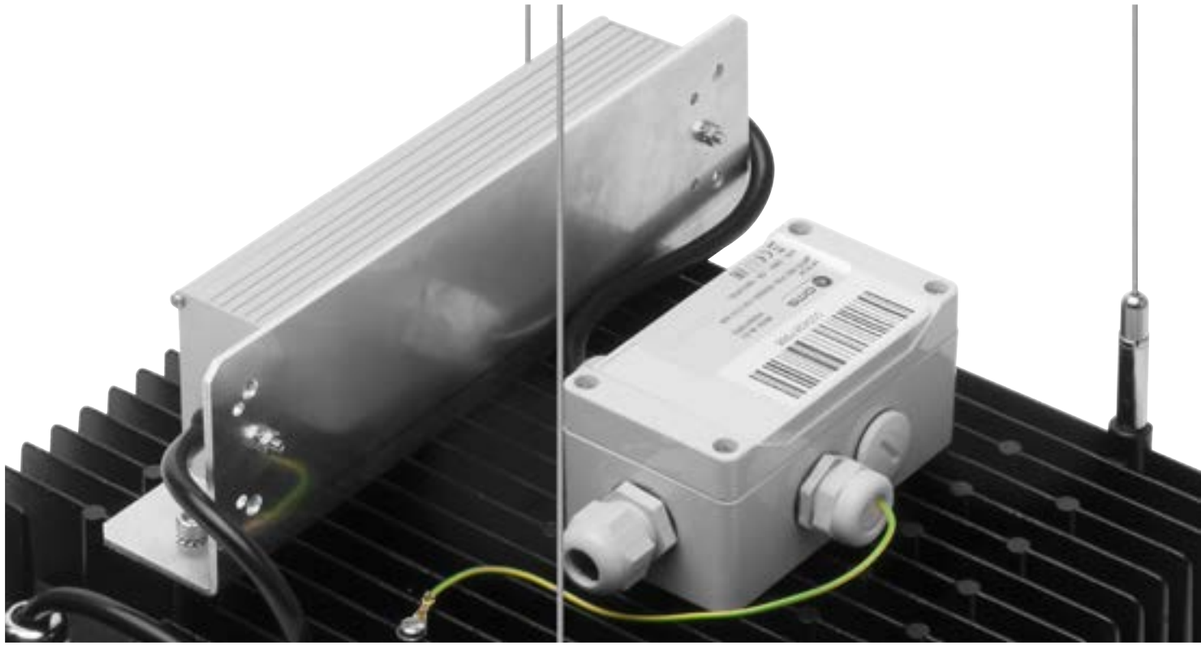
SPECIFICATION

- 220-240V 50-60Hz — MAINS VOLTAGE AND FREQUENCY
- CRI XX Ra — COLOUR RENDERING INDEX
- CCT XXXX K — CORRELATED COLOUR TEMPERATURE
- IP XX — IP PROTECTION DEGREE COMPLETE LUMINAIRE
- IP XX — IP PROTECTION DEGREE OPTICAL PART
- IK XX — IMPACT RESISTANCE DEGREE
- BALL PROOF
- D — LUMINAIRE FULFIL TO EN 60598-2-24
- THE LUMINAIRE IS NOT SUITABLE FOR USE IN OUTDOOR APPLICATIONS

- LED — LIGHT SOURCE LED
- SENSOR DAYLIGHT
- SENSOR MOVEMENT
- SENSOR PRESENCE
- EMERGENCY — EMERGENCY UNIT
- IEC PROTECTION CLASS I
- IEC PROTECTION CLASS II

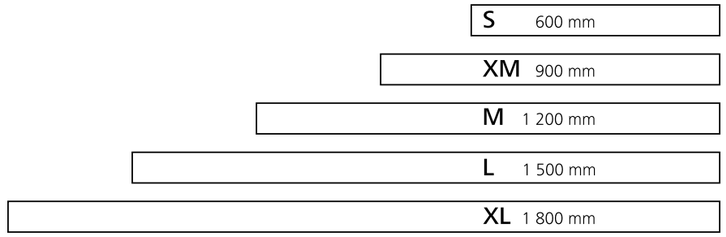
- ECG — ELECTRONIC CONTROL GEAR FIX
- ECC ECG + CLO — ELECTRONIC CONTROL GEAR FIX CONSTANT LUMEN OUTPUT
- EDA DALI — ELECTRONIC CONTROL GEAR DALI
- EDO DALI + CLO — ELECTRONIC CONTROL GEAR DALI CONSTANT LUMEN OUTPUT
- EDB 100/50 % — ELECTRONIC CONTROL GEAR STEP DIM 100 / 50%
- EBC 100/50%+CLO — ELECTRONIC CONTROL GEAR STEP DIM 100 / 50% CONSTANT LUMEN OUTPUT
- EDP INT DIM — ELECTRONIC CONTROL GEAR INT DIM (PROGRAMMABLE)
- EPO INT DIM+CLO — ELECTRONIC CONTROL GEAR INT DIM (PROGRAMMABLE) CONSTANT LUMEN OUTPUT
- DRO DALI+RC+CLO — ELECTRONIC CONTROL GEAR I DALI + RADIO CONTROL CONSTANT LUMEN OUTPUT





PRODUCT CODING

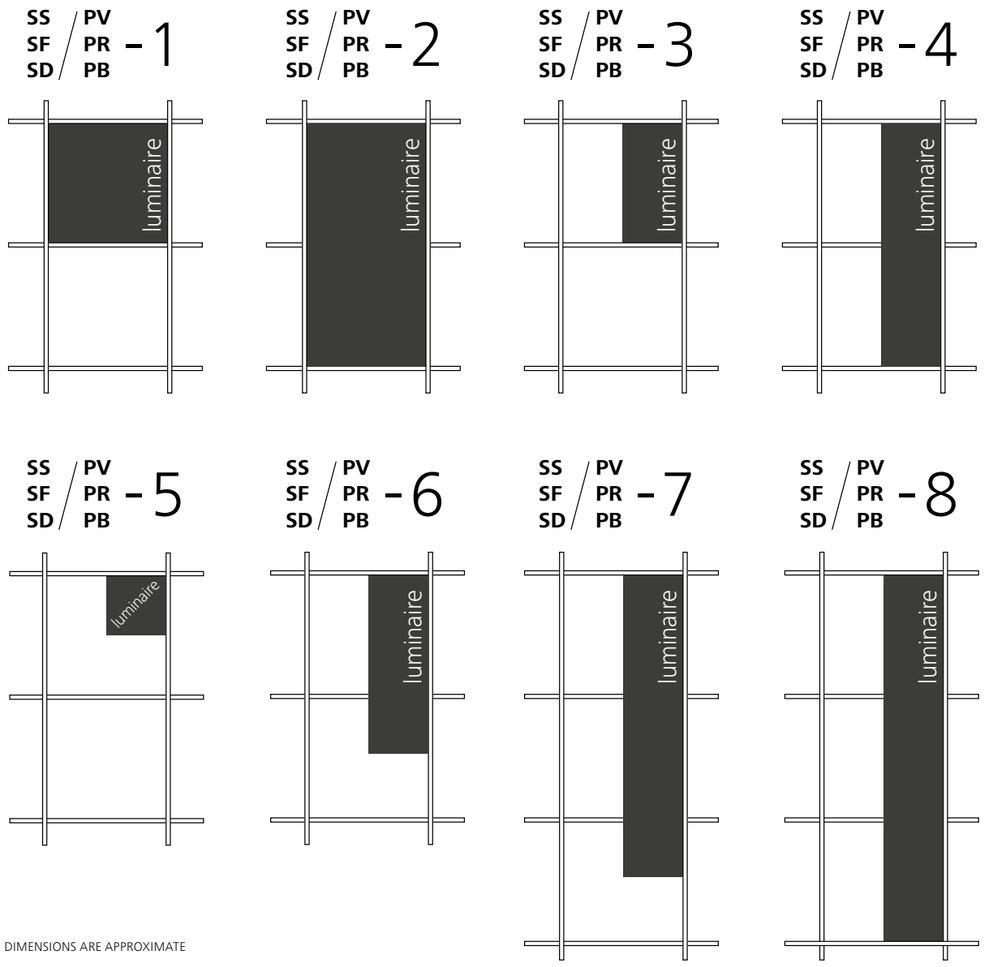
A. BY LENGHT



B. BY MOUNTING TYPE



C. BY SHAPE



DIMENSIONS ARE APPROXIMATE

INSTALLATION TYPES AND DIMENSIONS OVERVIEW

MARK	RCS	PB	PV, PR	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)

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)



OMS®
FOLLOW THE RIGHT WAY

PRODUCTS
E-CATALOGUE
3/2018

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info@oms.sk
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Fax: +421 34 694 0888

www.omslighting.com