

Think Life Enjoy Light

SELF

LED Lighting

LED Lighting 2023/2024

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Think Life Enjoy Light

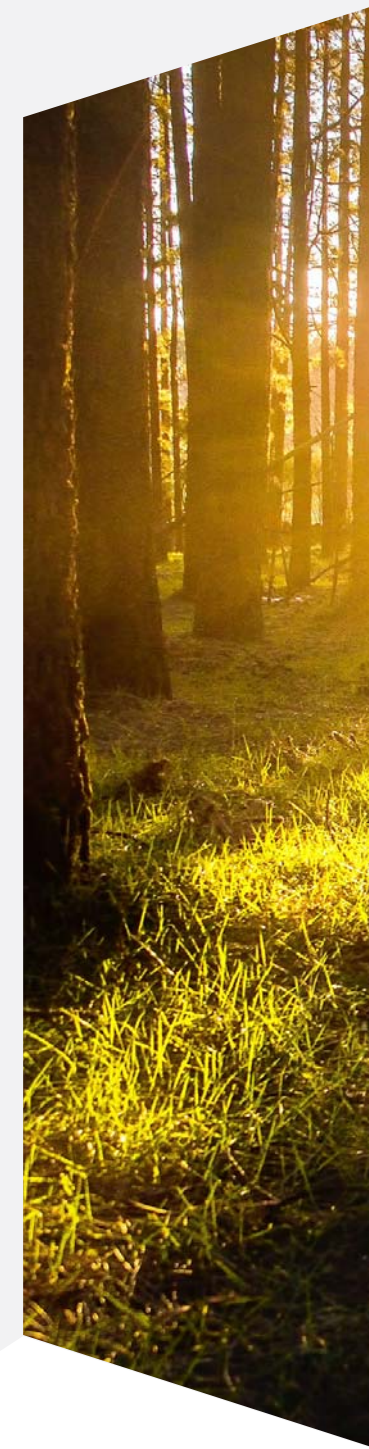
SELF



3rd
1 9 9 3

To make life better and happier through SELF lighting!

Life is beautiful and happy and SELF will bring happiness to society through its passion, enthusiasm, wisdom and hard work! Lighting and electricity are nature's gifts, and SELF is willing to play the role of Light Bringer, bringing technology, art, and service to society.





he story of three pine trees.

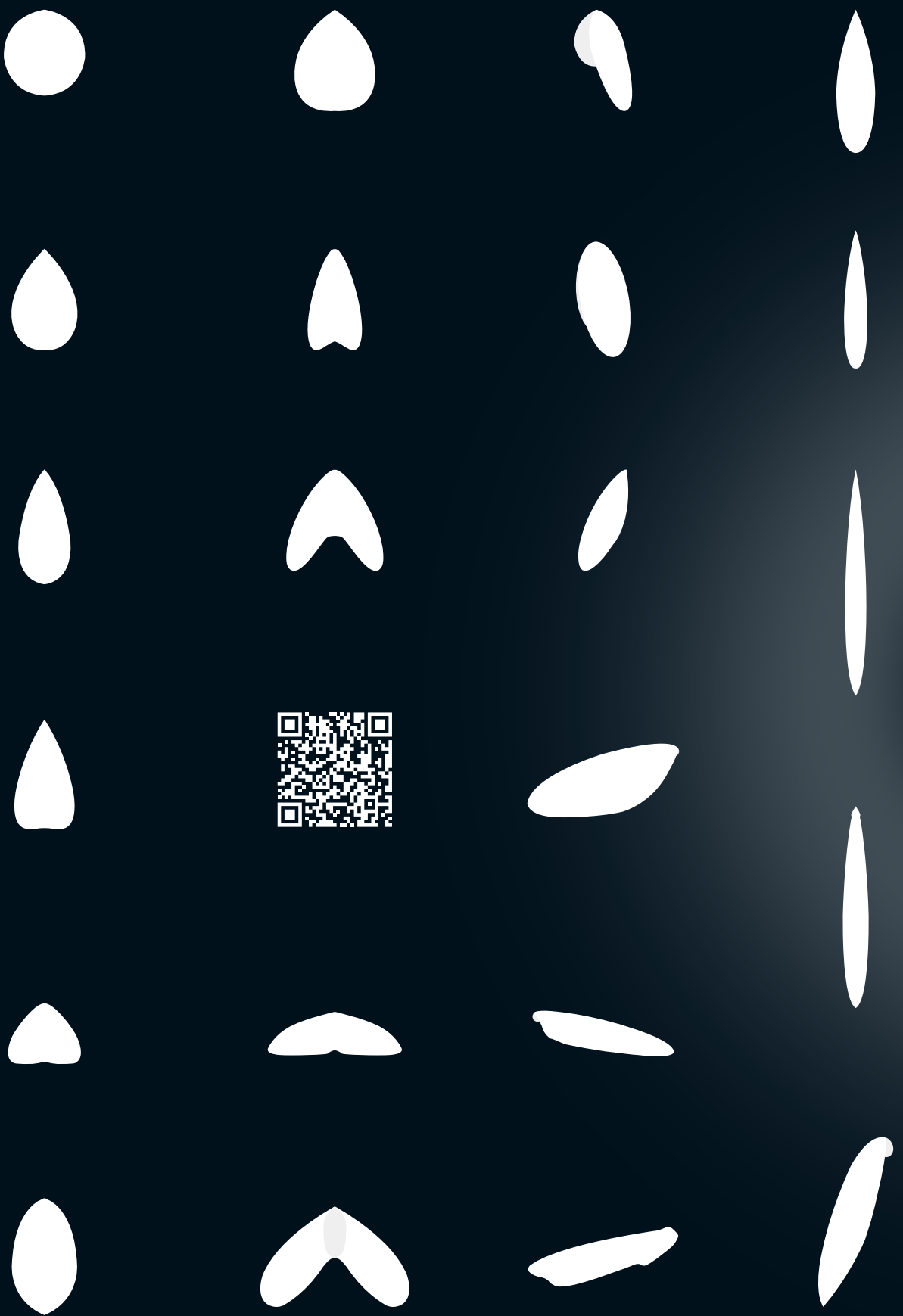
In the west of the SELF new plant standing three pines: “We, plain but of a unique style, remain calm and not disturbed after the relocation. We, together with SELF people, witness the transformation after the raging storms!”

In 1997, Ningbo was attacked by a disastrous typhoon, and then SELF employees protected the growing pines by steel beds. The same year, SELF suffered a “TüV Incident”, in a pinch, it was the philosophy “ To be a good SELF employee before doing something” that lead us out of trouble and won good reputation on the market.

SELF has been relocated three times since 1993, during the time the three pines have grown into towering trees. The character of “people” in Chinese means supporting each other, means weathering the storm together. “Cold and heat cannot shake our faith, time and tide cannot defeat us”, this is the quality of both pine trees and SELF Electronics. Although the market is unpredictable, the difficulties happened to us again and again, we will never stop chasing a brilliant future.....



PINE-LIKE STAFF

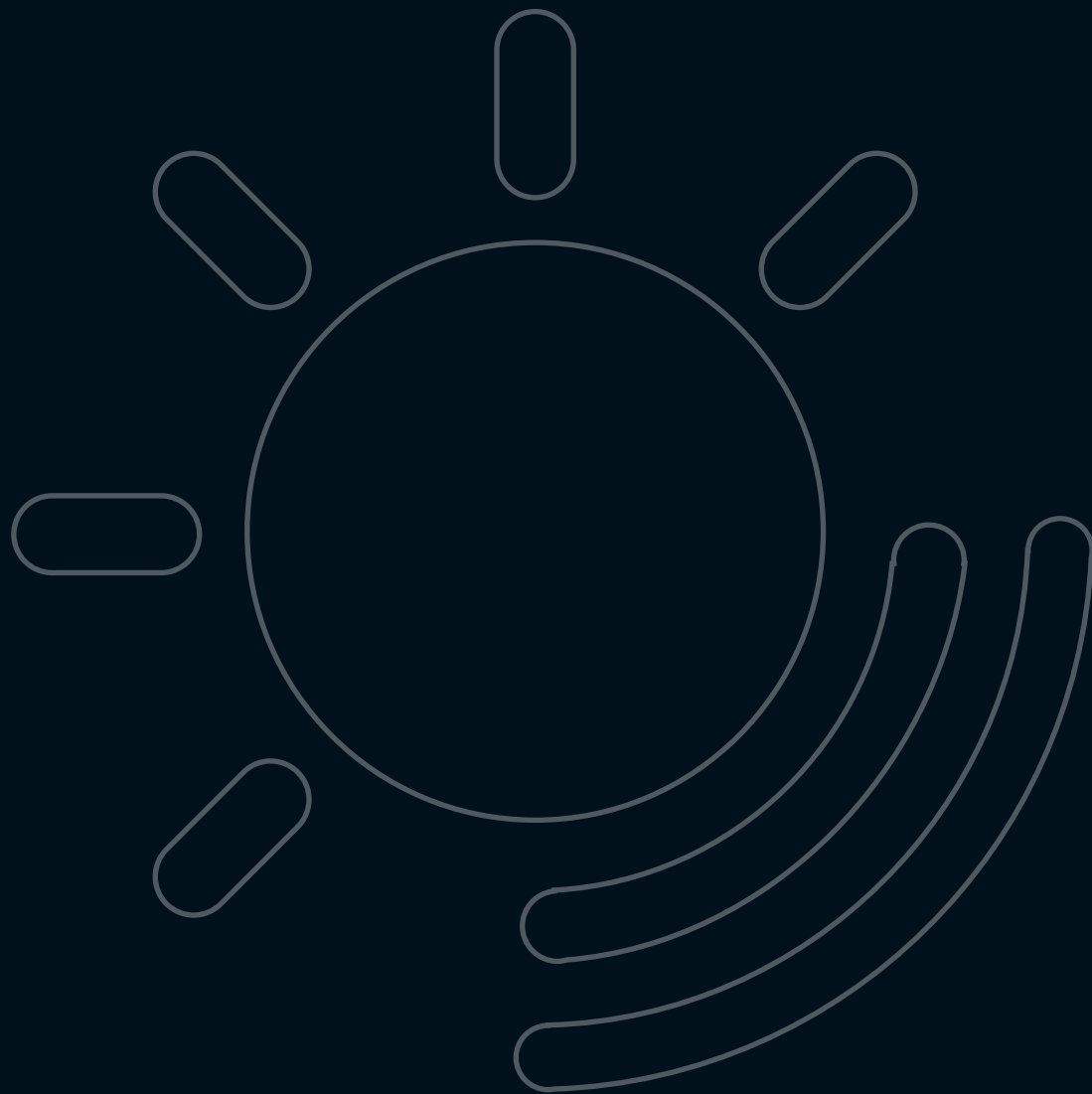


Display & Presentation Lighting System Provider



Supermarket Lighting
Retail store Lighting
Industrial Lighting
Museum Lighting

Perfect Look with SELF Display Lighting System for Supermarket.



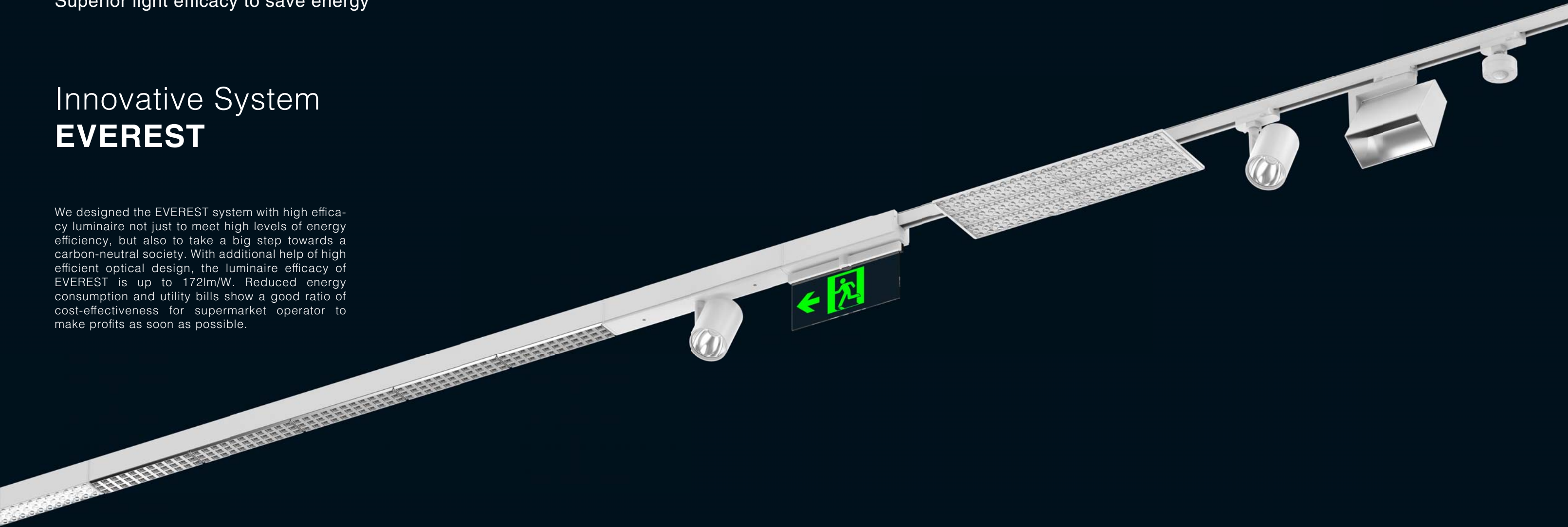
Towards a better shopping experience, SELF is committed to the innovation and development of lighting technology in supermarket lighting.



Superior light efficacy to save energy

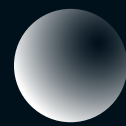
Innovative System **EVEREST**

We designed the EVEREST system with high efficacy luminaire not just to meet high levels of energy efficiency, but also to take a big step towards a carbon-neutral society. With additional help of high efficient optical design, the luminaire efficacy of EVEREST is up to 172lm/W. Reduced energy consumption and utility bills show a good ratio of cost-effectiveness for supermarket operator to make profits as soon as possible.



Easy installation and maintenance

The EVEREST system is compatible with the standard EU high-voltage track system, which enables two mounting methods: surface mounting, and suspended mounting with accessories. The lighting modules can be mounted easily without any tools, by clicking in. This eliminates additional cost and reduces installation time while the reliability of the track system has also been assured. EVEREST system also offers an infrastructure that allows flexible alterations of lighting modules with changing requirements.



The concept of "Dark Light" technology

We use our patented optical technology to maximize the illuminating level on objects or scenes for better shopping experience and energy efficiency. With this technology, light source is hardly to be seen. This is because of a little diffuse reflection phenomenon that has been caused on the surface of the luminaire itself. So we called it "Dark Light" technology.



Excellent Optical design highlights the quality of the product

The EVEREST system adopts international brand light sources with self-designed lenses which offers a vast range of optics. The light spot of EVEREST system is even and pure through precise optical lighting control. Moreover, a variety of light spots are provided to meet different needs of displaying, helps to make merchandise more appealing which helps attractive to customers.



PRS SYSTEM Saving beyond LEDs

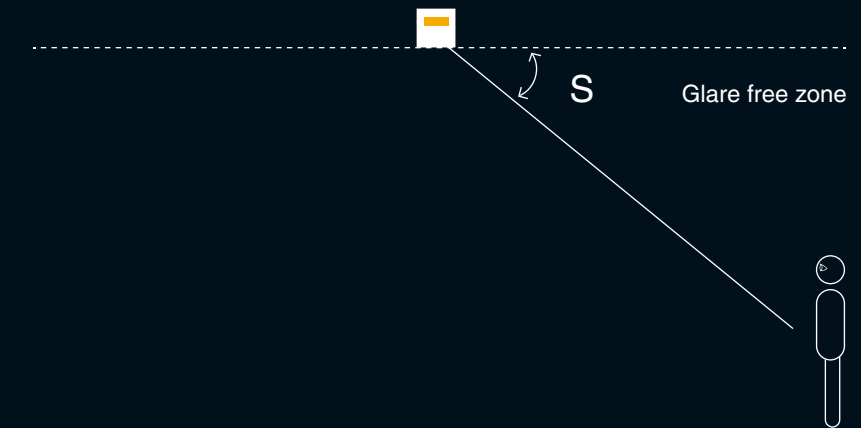
The PRS system is specially designed for supermarket application, with few system components and simple installation, deployment and maintenance. After using our PRS system, it could save up to 25% more energy, in addition to the saving already achieved by adopting LED technology. The PRS system contributes enormously to energy saving by setting the light level to match the daily routine.

“Dark Light” technology

The concept of “Dark Light” technology is to provide maximum efficacy while reducing glare as much as possible.

We use our patent optical technology to maximize the illuminating level on objects or scenes for better shopping experience and energy efficiency. With this technology, light source is hardly to be seen as little diffuse reflection phenomenon has been caused on the surface of luminaire itself, so we named it “Dark Light” technology.

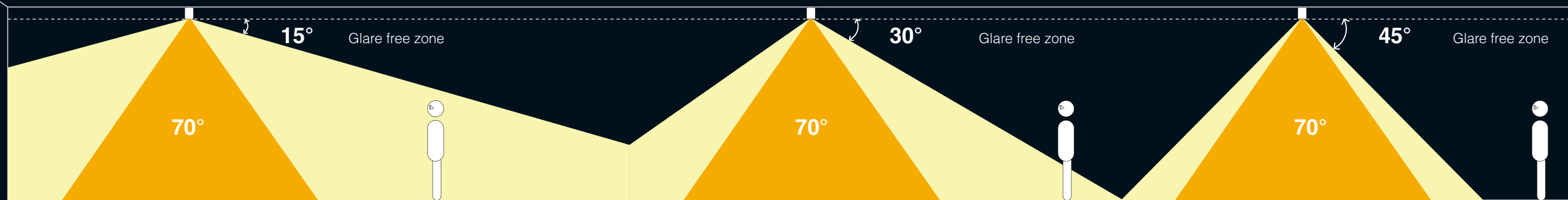
Shielding angle



According to EN 12464-1 the shielding angle is the angle between horizontal plane and viewing direction underneath which the light source of the luminaire are just visible. Dark zone is the area where observer has no direct view of the light source.

In conclusion, the greater the shielding angle is, the better anti-glare effect it could be, the more visual comfort it can provide.

Shielding angle	Efficacy	Light type
$S < 30^\circ$	$< 125 \text{lm/W}$	Normal light
$30^\circ \leq S < 45^\circ$	$125 \text{lm/W} - 150 \text{lm/W}$	Dark Light
$S \geq 45^\circ$	$\geq 150 \text{lm/W}$	Premium Dark Light



Normal light: Person has the smallest glare free zone, when standing far away from the luminaire can see the light source.

Dark light: Person has the medium glare free zone, only when standing close to the luminaire can see the light source.

Premium dark light: Person has the largest glare free zone, only when standing under the luminaire can see the light source.

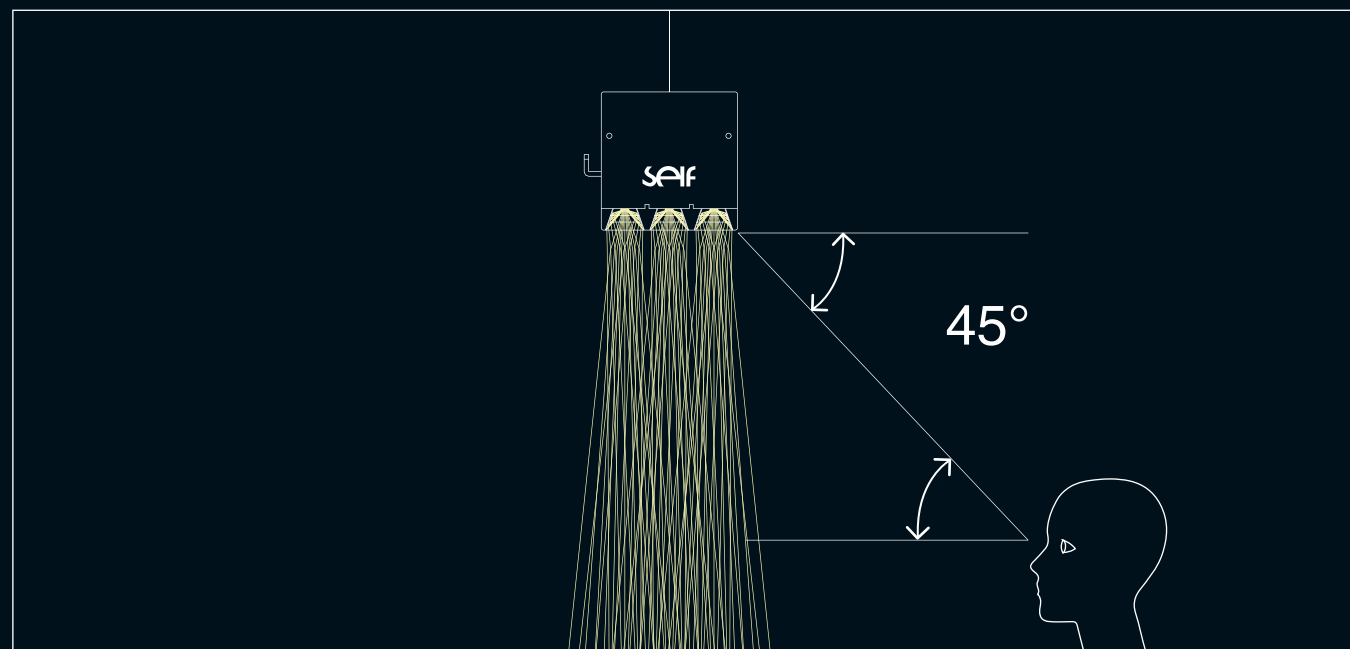
The concept of “ **Dark Light** ” technology

 **163 lm/W**

EVERST-R up to 163 lm/W

Premium
Dark Light

Shielding angle $\geq 45^\circ$ & efficacy ≥ 150 lm/W



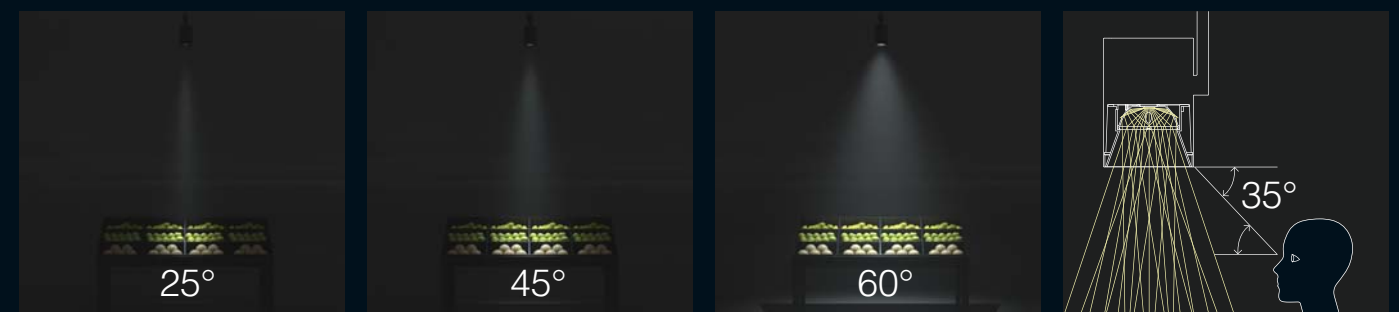


Dark Light

Shielding angle $\geq 30^\circ$ & efficacy ≥ 125 lm/W

138 lm/W

TRACK SINGLE2-L up to 138 lm/W

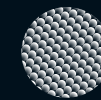
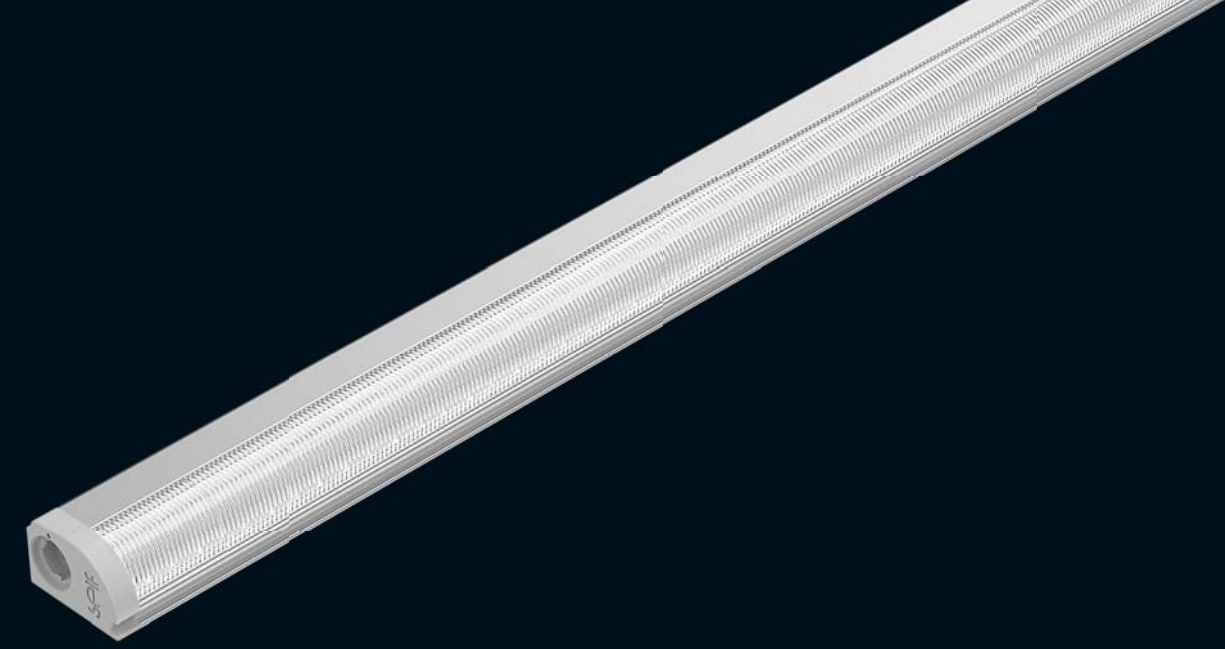


Next Generation of Refrigerated Lighting.

Although customer's shopping habit is shifting to online shopping due to the Covid situation all over the world nowadays, the food section is still the main reason they choose to make a trip to the supermarket over online shopping experience. The appearance of food is always associated to its taste and quality by customers, thus good quality light offers not only an outstanding product visibility, but also a positive ambience for customers to stay longer and buy more.

We found that for some cooler lighting harsh spots can be easily discovered when customers shop within a short distance. Also unwanted reflections will be caused by those spots to detract product appearance. Adding milky diffusers is the most popular solution for the dots problem in market, but it causes one other problem: the milky diffuser without any optical technology only blurs the light dots, produces uneven light distribution which leads dark areas in refrigerator.

MULTIFRIO V5 series is here to solve these problems with a brand new patented technology—'Differential Optics'. 'Differential optics' adopts bionics design, ensures an exceptionally uniform light distribution without LED pixels while providing best-in-class efficiency. With anti-glare shelter, MULTIFRIOV5 produces a comfortable and pure light distribution with minimal glare. In addition, its superb light quality enhances products' appealing look, resulting in CRI typ.95, R9 min.75. IP65 waterproof extends its durability in low temperature and wet environment.



The concept of “**Compound eyes optic**” technology.



Remarkable uniformity provides an excellent product visibility.

 **155 lm/W**

Outstanding efficacy to save energy and cost.



Superior light quality with CRI 95, R9 75, Rf 90, Rg 100.



Slow down the meat discoloration.

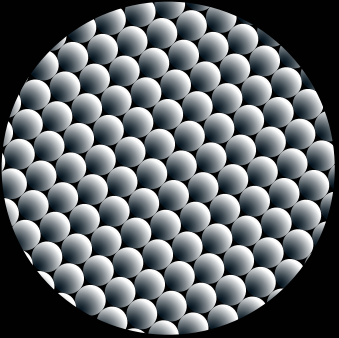


SRS System saving beyond LEDs.

Next generation of refrigerated lighting
MULTIFRIO V5 / MULTIFRIO2 V5

The Concept of “**Compound Eyes Optic**” Technology

“Compound eyes optic” technology, also known as “Differential Optic”, is SELF’s latest and exclusive optical technology developed by dozens of engineers specialized in optical, mechanical and electronic fields in the past 5 years. We work with well-known international equipment and material suppliers to ensure the independent production of “Compound eyes optic”. “Compound eyes optic” basically is an optic that contains arrays of micro-optic lenses, designed to operate in a similar manner of compound eyes of the fly. This micro structure delivers exceptionally uniform light without LED pixels for linear lighting, thereby provides a superior product visibility.



Canopy



Shelf



Vertical freezer & chiller



Vertical freezer & chiller



Combined



Islands



S

tunning Presentation with SELF Showcase Lighting system.

Q Smaller, Slimmer, Thinner and Lighter

We also follow the design rules, which is making lighting fixture smaller, slimmer, thinner and lighter. This enhances the visual appearance of exhibits by hiding lighting fixture easily in structure part of showcase. people can enjoy the exhibitions without any distraction and unpleasant lighting.

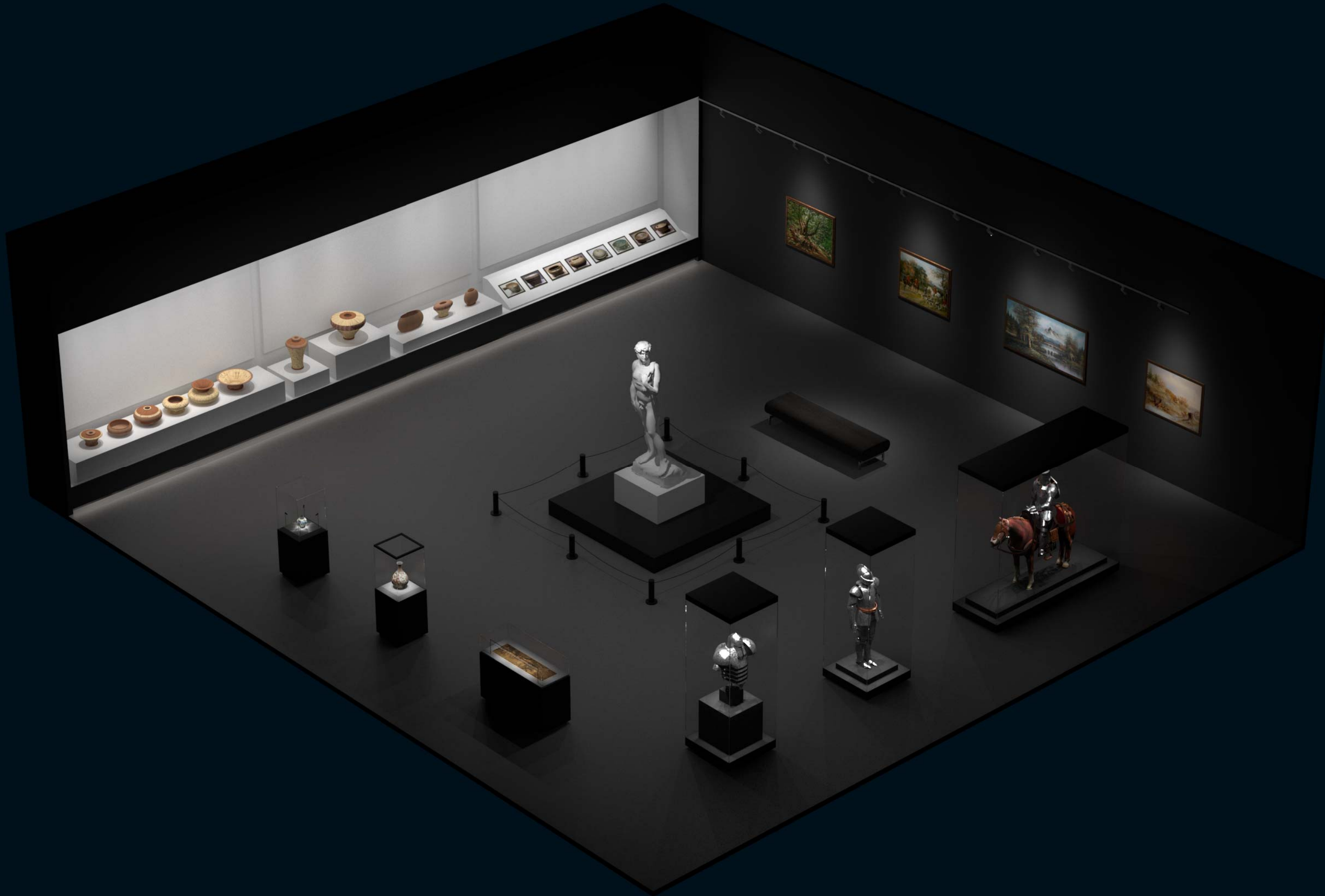
☀ Natural Colour Presentation

Making light beneficial for exhibits is one of our most significant concerns. Our cold lighting illuminator protects exhibits from any heat damage. UV or IR also have been blocked in our LED lighting fixture which protect the surface and colour of exhibits.

🌀 Flexible Design

Our showcase lighting products offer a wide range of choices for different requirements. The flexibility of our products such as rotated lighting head, adjustable height and modular design lead our products to fit the most types of showcases. Moreover, we provide customized solutions for some clients to meet their special needs.





Systematic creativity - SMART MINITRACK

Leading Design Concept Modularity

The modular parts of MINITRACK lighting system are inner universally applied. The parts are free polarized and installed easily. Side-in input socket promises no dark spot linkage. The light can be linked to ideal length without limitation.

More About Modularity

The modularity promises adjustments of one or several lights without distance inbetween the working of other lights. The coaxial rotation design makes the lighting area wider. The modularity also enables the combination of various kinds of lights to form a lighting group with maximum flexibility.

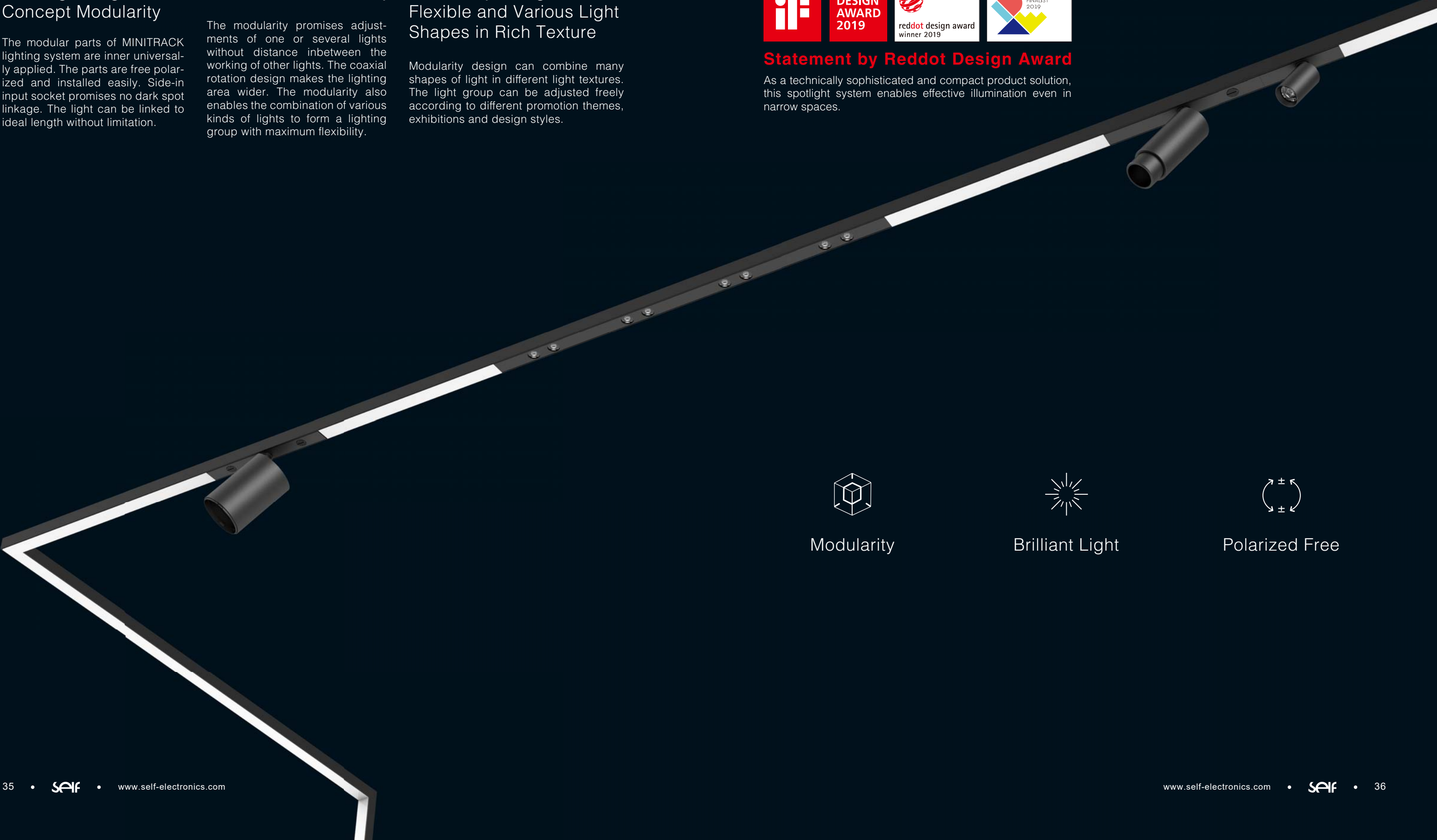
Modularity Design Creates Flexible and Various Light Shapes in Rich Texture

Modularity design can combine many shapes of light in different light textures. The light group can be adjusted freely according to different promotion themes, exhibitions and design styles.



Statement by Reddot Design Award

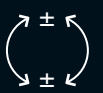
As a technically sophisticated and compact product solution, this spotlight system enables effective illumination even in narrow spaces.



Modularity

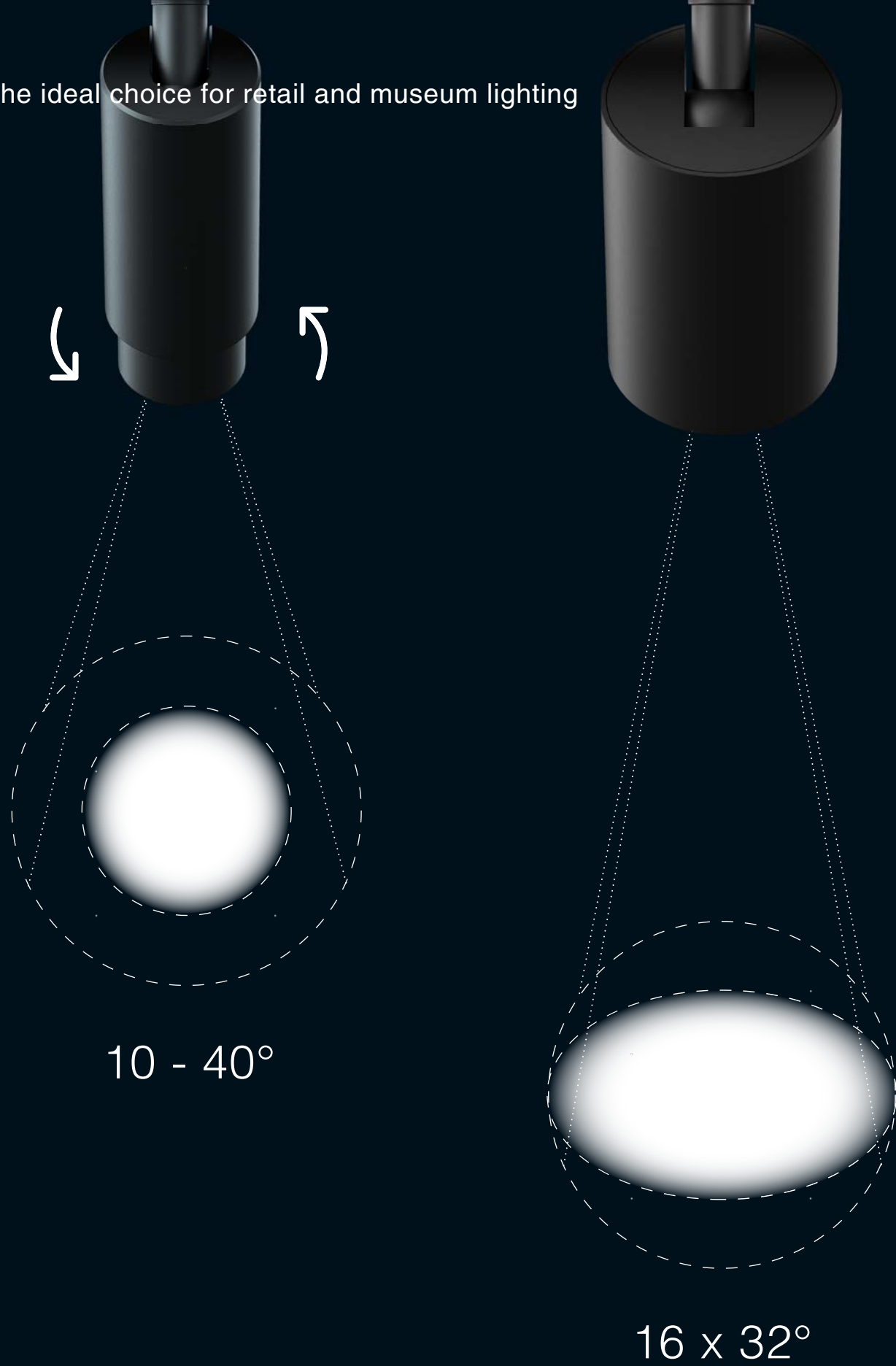


Brilliant Light



Polarized Free

The ideal choice for retail and museum lighting



Brightness 20 - 100% adjustable

Beam angle adjustable

Optical Accessories

CCT: 2700 - 6500K

Asymmetric optic

The Self Smart Minitrack Gen2 LED lighting system is optimized for retail and museum applications, such as shelf, showcase, and shop window. "Improving the customers and visitors experience" gets thrown around a lot these days, constant reinvention is one of methods to keep them enjoyed. The owners will reinvent their entire space — from space design to products every few weeks, there's always something new to explore. Smart Minitrack Gen2 is an ideal choice for reinvention.



SELF is a technical and quality-oriented specialist in commercial LED lighting innovation, design and production for the global retail market. With our well-experienced engineering team, we always focus on the latest technical, material and technological developments.

- Ceiling lighting**
- Cooler lighting**
- Shelf & Furniture lighting**
- Showcase lighting**
- Lighting components**

The headquarter of SELF, founded in 1993, is located in Ningbo, China. With a professional R&D team, an advanced testing laboratory center and 58,000m2 production area, SELF is well known as a National Norms Editor, for its publication of the Light Emitting Diode (LED) Lighting Fixture for Architectural Indoor Use(China) and as a VDE TDAP, TUV ENEC (Europe) & UL CTDP holder (North America) in lighting industries.

Combining our extensive knowledge of LED technology and creative design philosophy, as the perfect solution provider, SELF brings professional illumination into your world.

- European sales network:**
- Cologne (European Center)**
 - Paris (Sales office)**
 - Birmingham (Sales office)**
 - Milan (Sales office)**
 - Madrid (Sales office)**
 - Barcelona (Sales office)**
 - Bilbao (Sales office)**





SELF Electronics Manufacture Base (Ningbo, China)



SELF Electronics Germany GmbH (Cologne, Germany)



SELF Electronics USA Corporation (Atlanta GA, United States)



SELF Electronics Middle East DMCC(Dubai, UAE)



SELF Lighting Technology Pty Ltd.(Perth, Australia)



SELF Lighting Technology (Haining, China)

Road of product innovation

1993	1996	2000	2005	2008	2010	2012	2015	2017	2020	
SELF founded as the first IR sensor lighting manufacturer in China.	Electronic transformer achieved TÜV certification in Germany.	SELF made a significant progress in the electronic transformer EMC performance and solved the technical bottleneck of mutual EMC interference between long cord and stranded cord.	SELF developed drivers for commercial LED lighting.	SELF developed more than 10 LED fixtures for cabinets.	SELF's LED refrigeration lighting range launched onto the market. SELF's laboratory obtained American UL-CTDP certification.	COOLED was the first replaceable luminaire certified by VDE and complied with IEC60598-1 and IEC60335-1 standards.	SELF achieved National Enterprise Postdoctoral Programme. Issued by National Human Resources & Social Security Bureau and National Postdoctoral Administrative Committee.	SELF developed BW LED chips and patented S-plug system.	Display lighting "Mini" won iF design award. Smart control system "PRS" released worldwide.	
1994	1998	2004	2007	2009	2011	2014	2016	2018	2019	2021
The first automatic light HZD101 achieved GS certification.	SELF's first electronic transformer achieved VDE certification in Germany, which awarded SELF as the first Chinese company to get the certification for transformer technology.	36 high-quality residential ballasts were launched onto the market. SELF developed the slimmest and thinnest LED fixture in the world.	SELF developed LED ceiling lighting and wireless drawer lighting.	SELF's showcase lighting was installed in more than 1,600 stores of a world-famous jewelry brand. SELF's European headquarters was founded in Cologne, Germany. SELF's US headquarters was founded in Atlanta, USA.	Unique double optic lens technology was developed for refrigeration LED lighting.	SELF's laboratory obtained VDE's Test Data Acceptance Program certification. SELF's display lighting BAMBO received iF-award in Germany.	Achieved 200+ Patents accumulatively.	SELF developed out PRS intelligent shop lighting system.	SELF developed Smart mini track lighting system, which won iF, Red Dot, and Idea design award.	SELF developed EVEREST system and "Dark light" technology. SELF developed MULTIFRIO V5 series - Revolution of LED commercial refrigerator lighting.



Research and development

Self is an independent company with a strong R&D team, including electronic, mechanical, optical, and thermal engineers.



10% +

Annual sales revenue dedicated to R&D.



650 +

Authorized patents for inventions 270+ Foreign authorized patents for inventions 150+.



90 +

Mechanical, electronics, optics, heat, standard, test engineers.



Testing facilities

SELF's testing facility resources include a talented staff of senior testing engineers as well as advanced testing equipment. SELF uses its state-of-the-art testing facilities to ensure products comply with international standards.

SELF's testing laboratory has obtained UL's CTPD (Client Test Data Program) certification and VDE's TDAP (Test Data Acceptance Program) certification for both LED power supply and LED lighting fixtures.

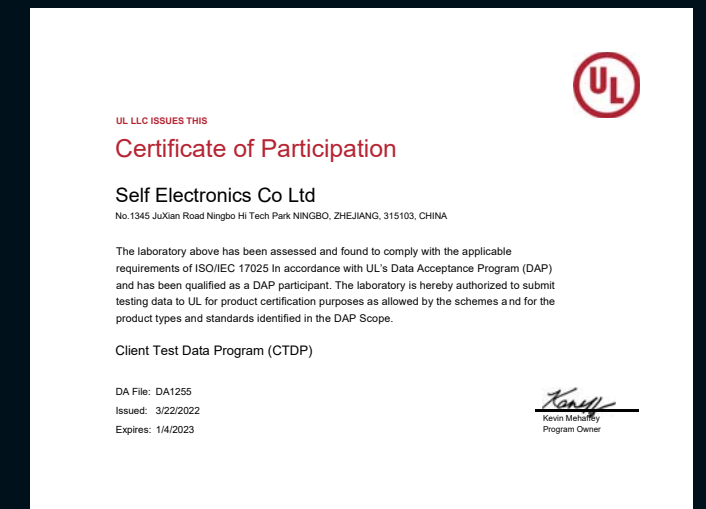
VDE TDAP



CNAS



TUV ENEC



UL CTPD

Production management

With a factory floor area of more than 58,000 m², SELF has the latest technology assembly lines, large-scale production capability, and advanced production equipments. ERP systems manage orders from placement to fulfillment, ensuring prompt production and delivery.

58000m²

Automated production workshop.

SAP/MES

Production process management.



Intelligent Logistics

Automatic guided vehicles.

Automatic stereoscopic warehouses.



Intelligent Production

Automatic smart assembly lines (with proprietary IPR).

Automatic wave-soldering lines.

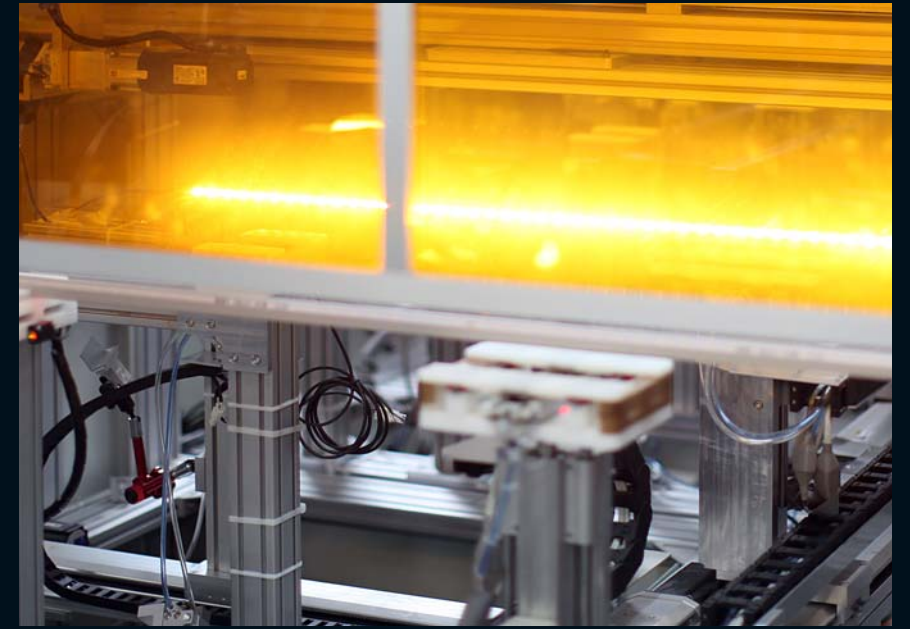
SMT Lines.

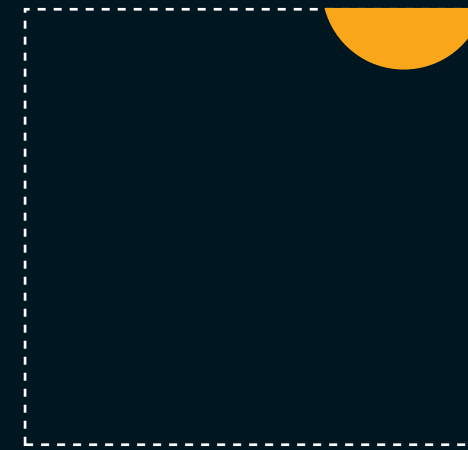
Core competence



Quality

The SELF Quality Control department strives to maintain the highest level of production by performing 100% on-line inspections.





New products



Ceiling lighting

67

Trunk lighting



EVEREST-L
103



EVEREST-M
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EVEREST-R
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EVEREST PANEL-L
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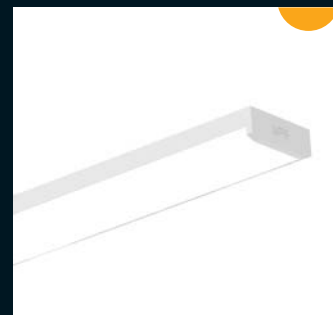
EVEREST PANEL-M
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EVEREST PANEL-R
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EVEREST SLIM-L
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EVEREST SLIM-M
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EVEREST SLIM-R
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EVEREST SPOTS
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EVEREST PURESIGN
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Ceiling lighting

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Trunk lighting



TRUNK TALY
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TRUNK SPOTS
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TRUNK TINA3
151679

Ceiling lighting

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Recessed lighting



ERIS
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ATLA
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ERIS2
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ATICA
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NAKA MUTA2
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NAKA SQUARE
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Ceiling lighting

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Recessed lighting



PARK
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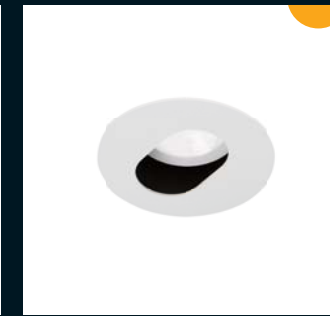
TAKE
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HRITE
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POTEN
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Ceiling lighting

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Track lighting



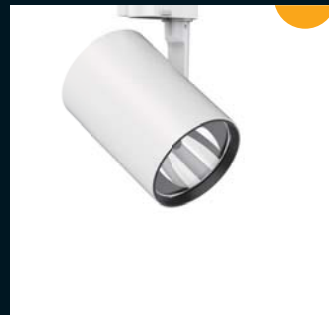
TELEP
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TELEP2
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TRACK SINGLE2-R
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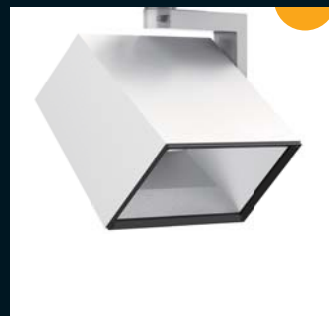
TRACK SINGLE2-L
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SPOCK
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TRACK PENDANT
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TRACK WASH
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Ceiling lighting

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Suspended lighting



ALPS
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GALA
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Cooler lighting

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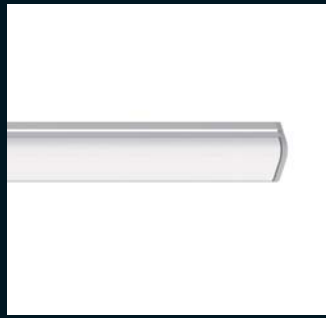
MULTIFRIO V5
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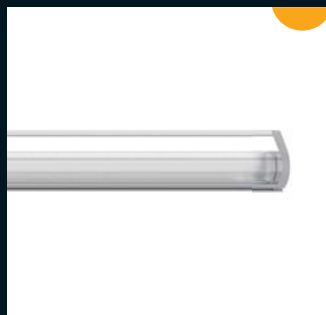
MULTIFRIO V5D
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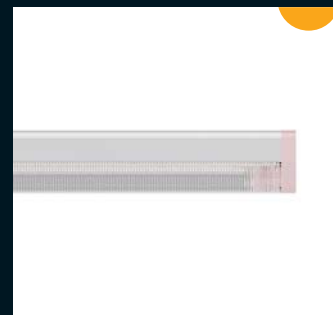
MULTIFRIO
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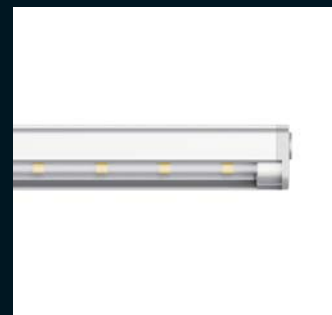
FRIO SLIM
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MULTIFRIO2 V5
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MULTIFRIO2 V5D
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MULTIFRIO2
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Cooler lighting

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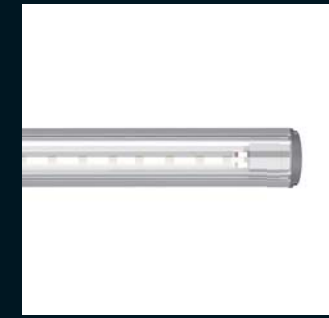
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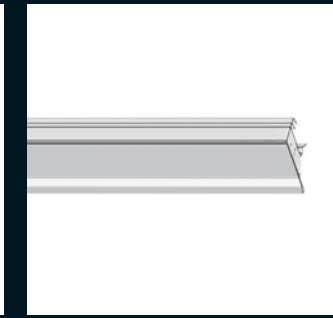
AUXO3
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COOSCH2
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LINSH2
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TAGLED3
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FRIGG2
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Display & shelf & furniture lighting

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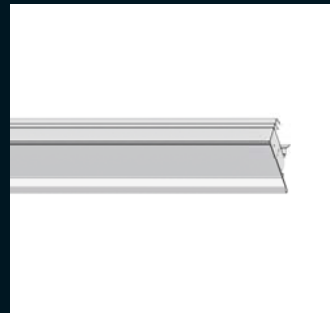
ARROW2
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MINILINEAR2
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MINILINEAR4
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TAGLED3
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ARC3
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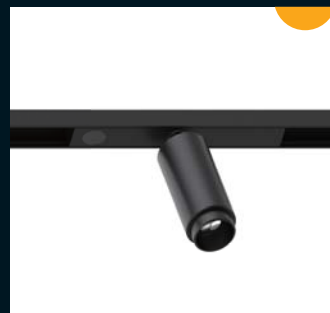
FLINEAR
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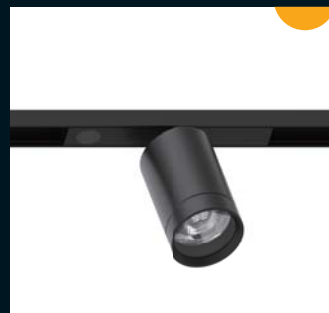
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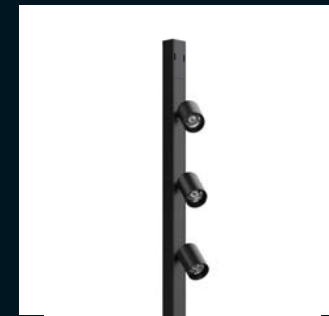
SMT EYES2
385



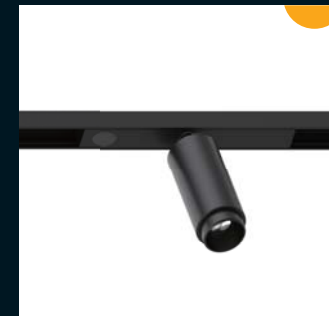
SMT EYES3
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Showcase lighting

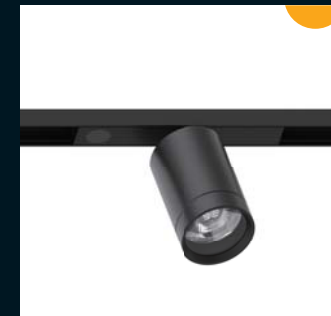
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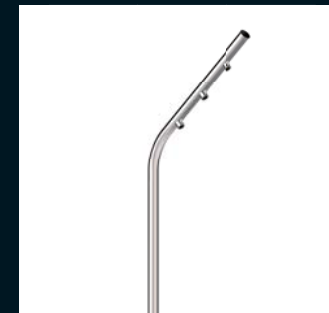
SMT SERIES
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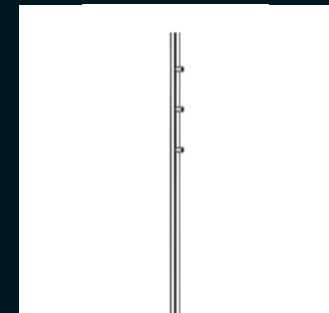
SMT EYES2
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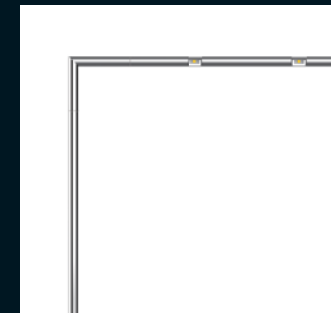
SMT EYES3
411



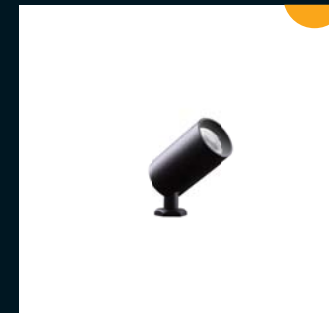
MINIASPEN
415



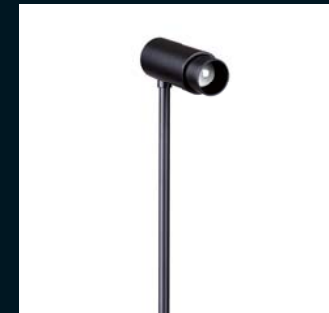
MINIASPEN2
416



MINIGOAL2
419



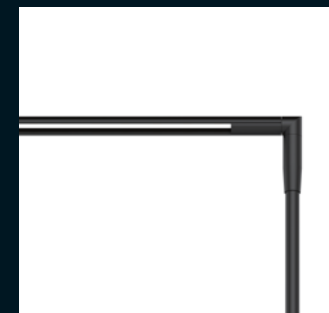
MINI POLE
423



POLE2
427



ASPEN2
429



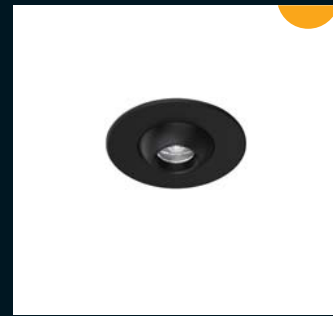
SPARKLE
431

Showcase lighting

435



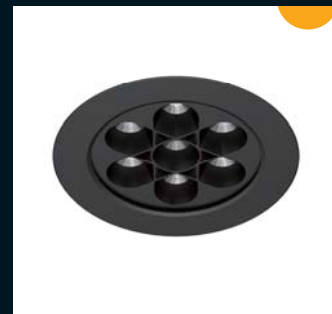
MINIFOCUS
435



PEARL
437



MINO3
441

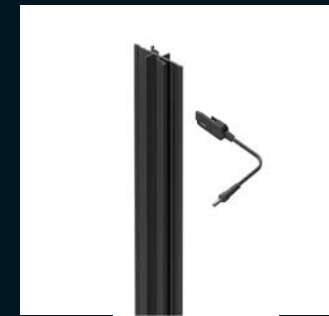


SHINING
443

Lighting components

447

Shelf power system



INVISIBLE SHELF TRACK
455



SHELF TRACK
459



SHELF TRACK 2
463



CABLE TRACK 2
465

469

Control system



PRS SYSTEM
469



SRS SYSTEM
483

Led power supply



CV SERIES
497



CC SERIES
498

Ceiling Lighting

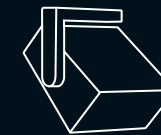
A complete range for the perfect General lighting and Accent lighting.

Optimized luminaire design, combined with efficient optical components, lamps and power systems, makes it possible to achieve maximum effect.



Recessed Lighting

Recessed down lights are widely used in commercial areas and residential areas. They have been highly evaluated and welcomed for its concentrated beam angles, which always highlight the objects very well. Besides, in order to apply to different scenarios like supermarkets, showcase or the cabinet, they should be efficient and flexible. The options range from very narrow accentuation to wide beam flood lighting and even wall washing. Furthermore, the integrated thermal management system is significantly conductive to heat dissipation, it ensures the great operation of the LEDs with maximum efficiency, therefore extends the whole life.



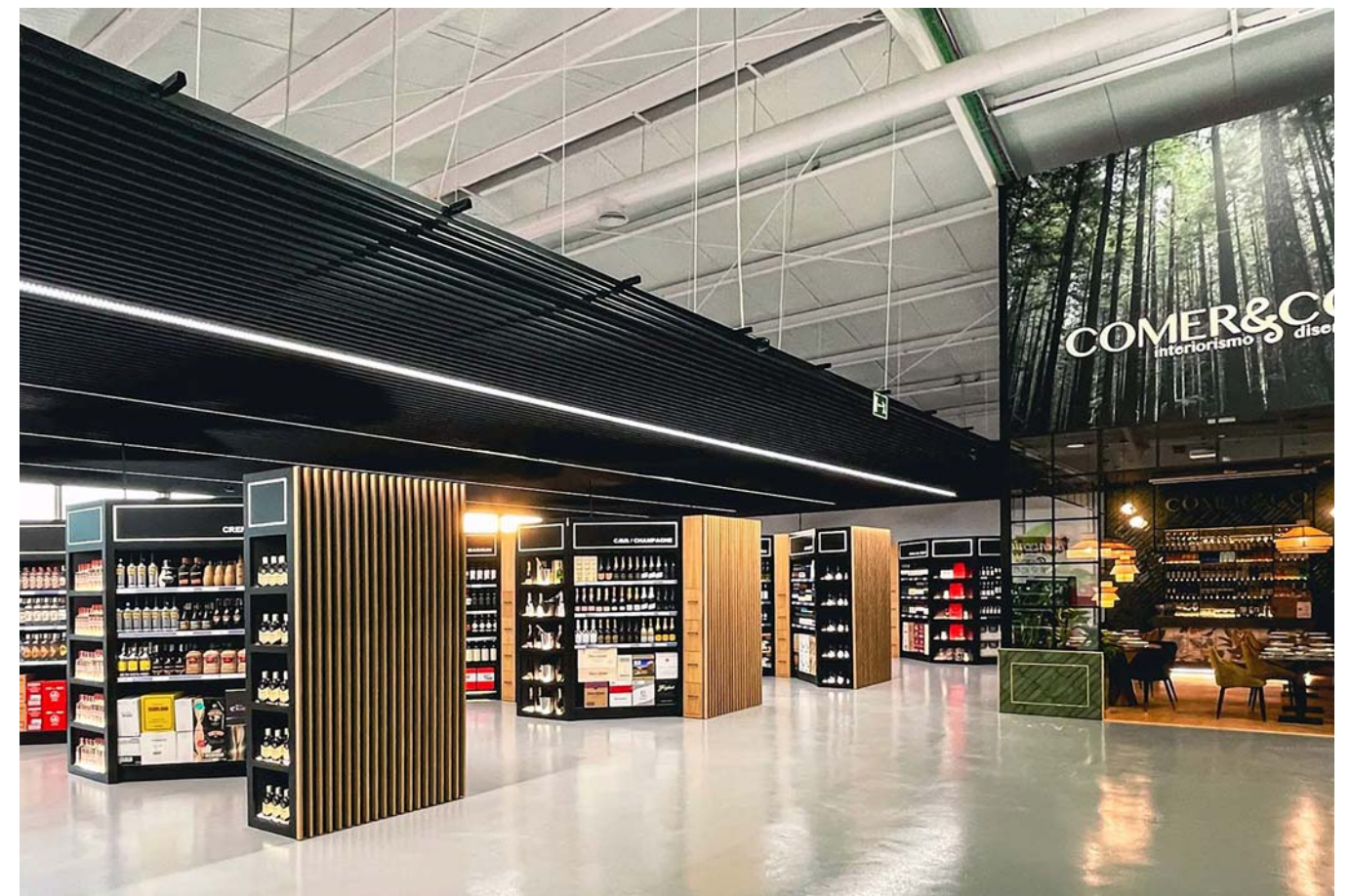
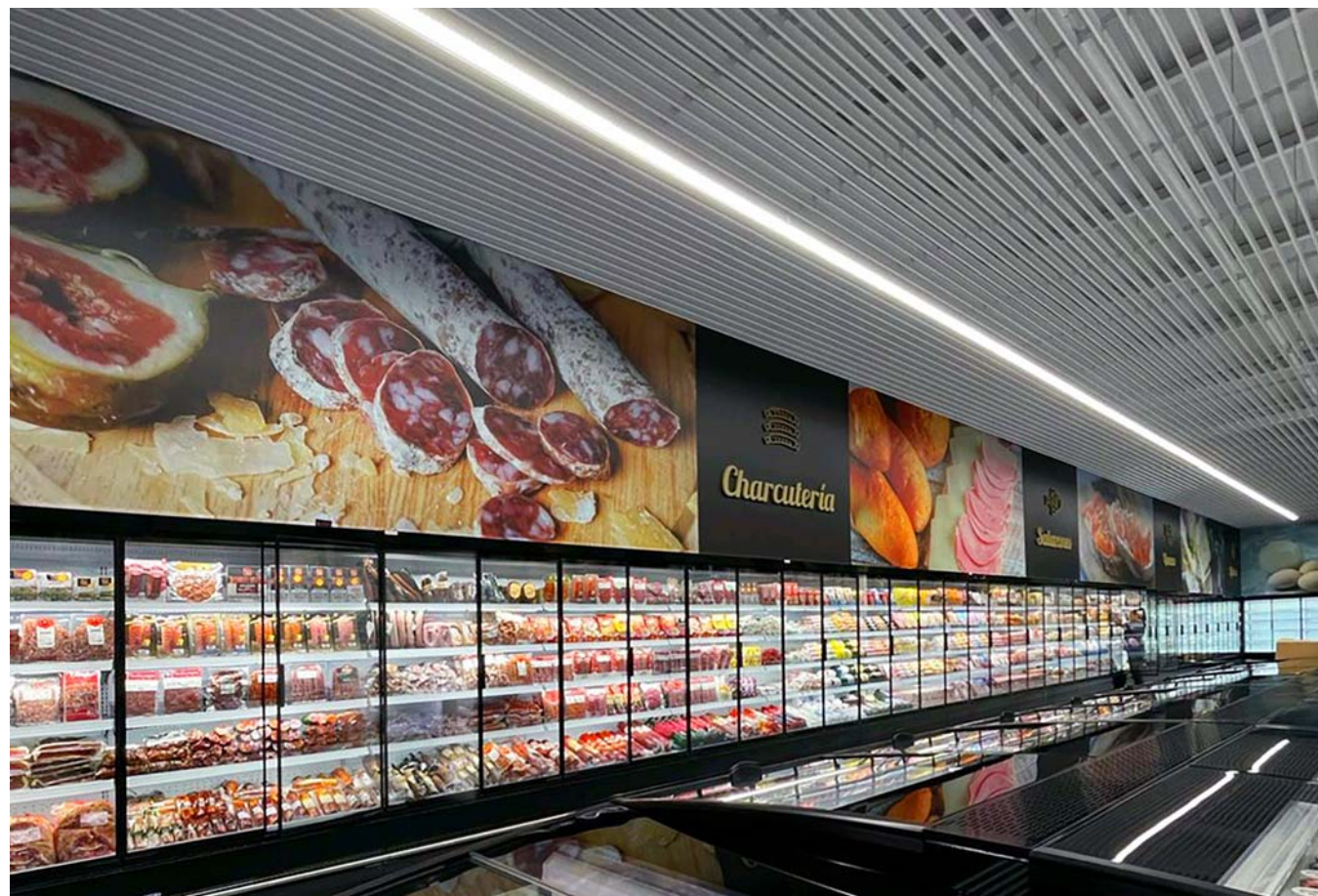
TRACK Lighting

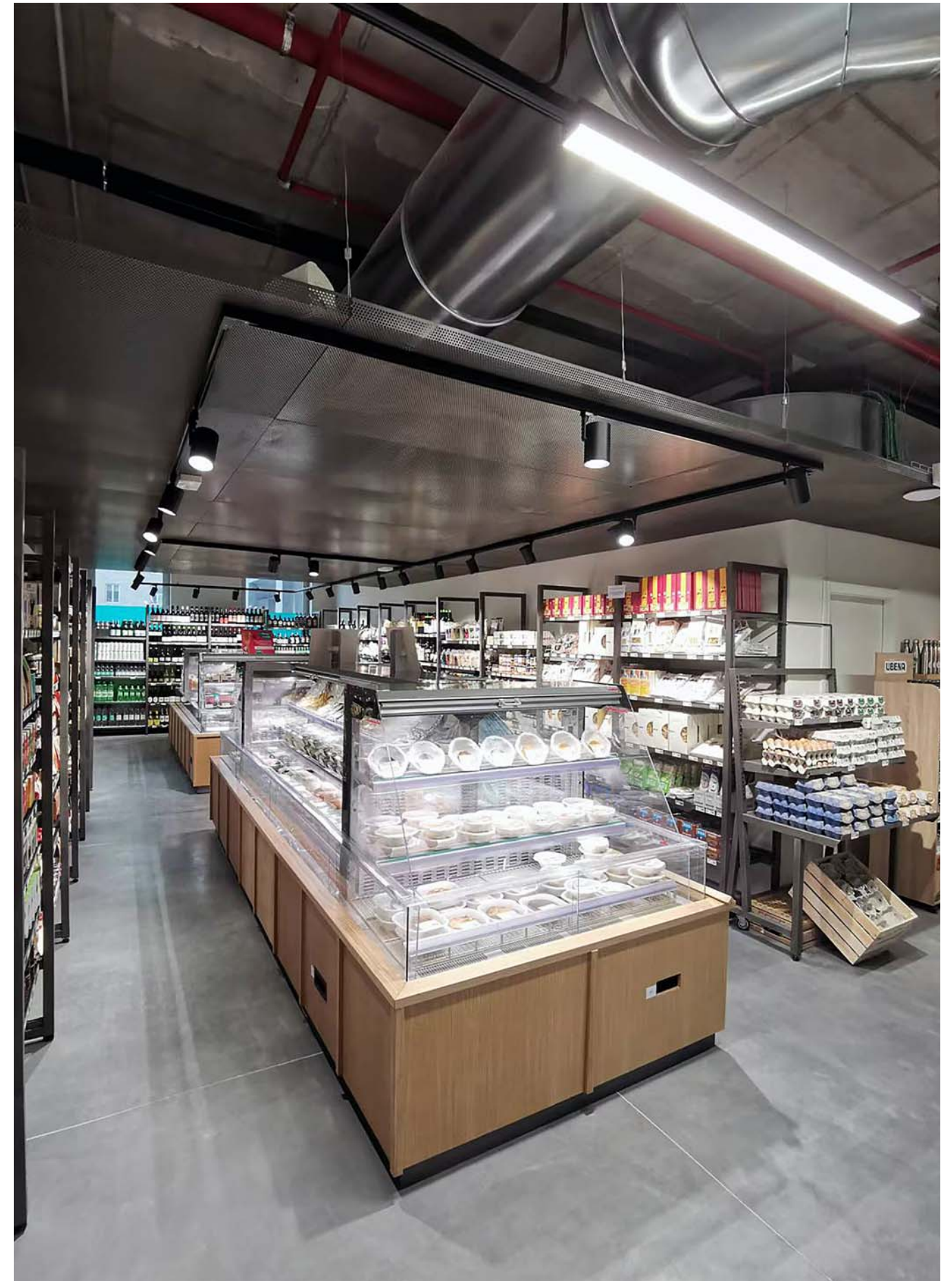
Installing in the shop window, our track lighting is sufficient to attract the curiosity of passers-by with pinpoint accent lighting that stands out positively from the surrounding ambient. Available with swivel head, allows vertical swiveling up to 90 degree and horizontal rotation of 350 degree. Flexibility of beam angle has impressively expanded the illumination range, as a great breakthrough for track lighting. In addition, the contracted and stylish design is always touching your heart.



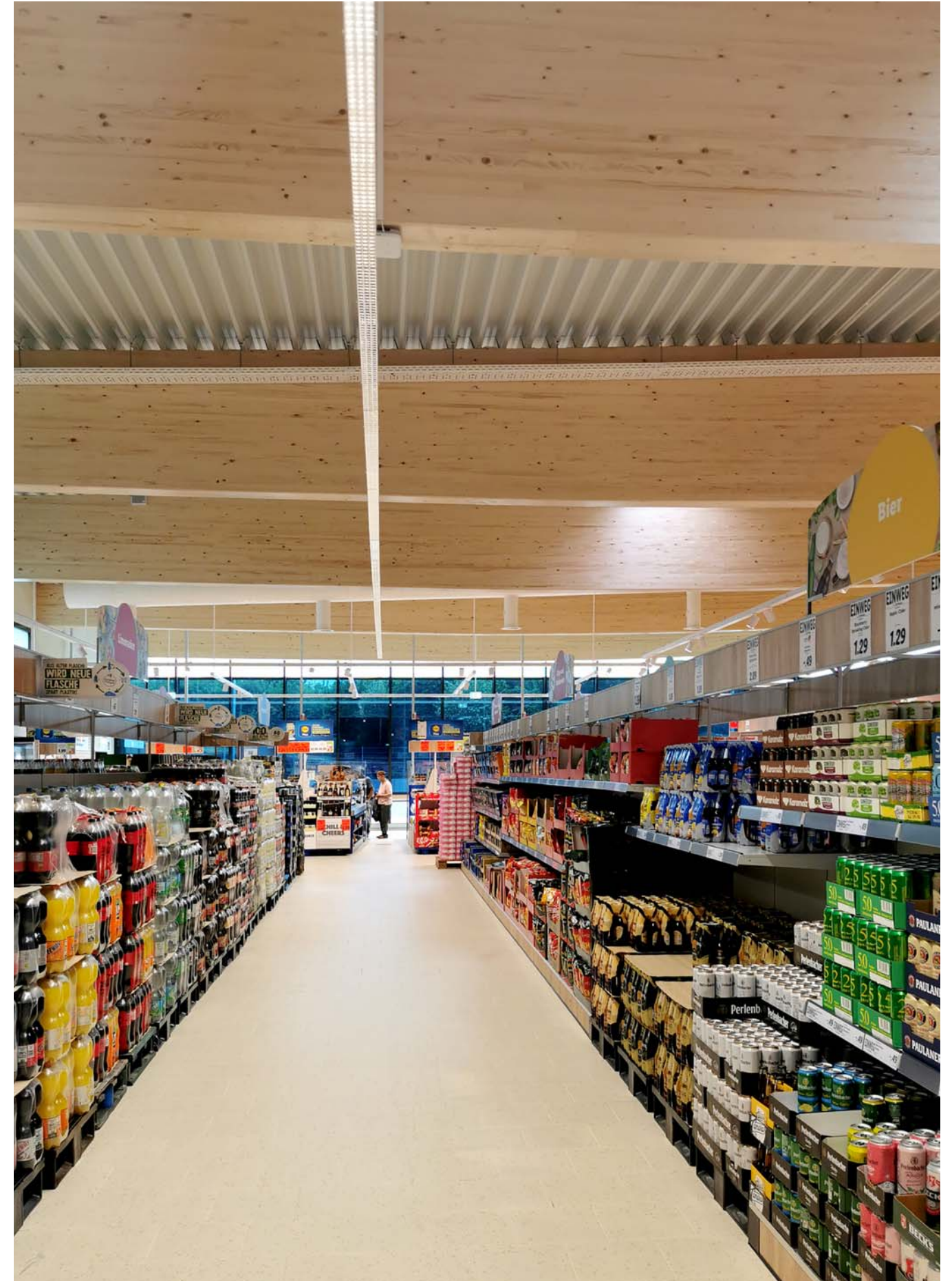
TRUNK Lighting

Diffused general lighting ensures a subjective sense of well-being. Vertical illuminance makes orientation easier in a room. The easier it is for customers to find their way around, the more likely they are to walk around a shop. Cost efficiency is achieved by easy installation of the luminaire units just by pushing into the continuous trunking system.

















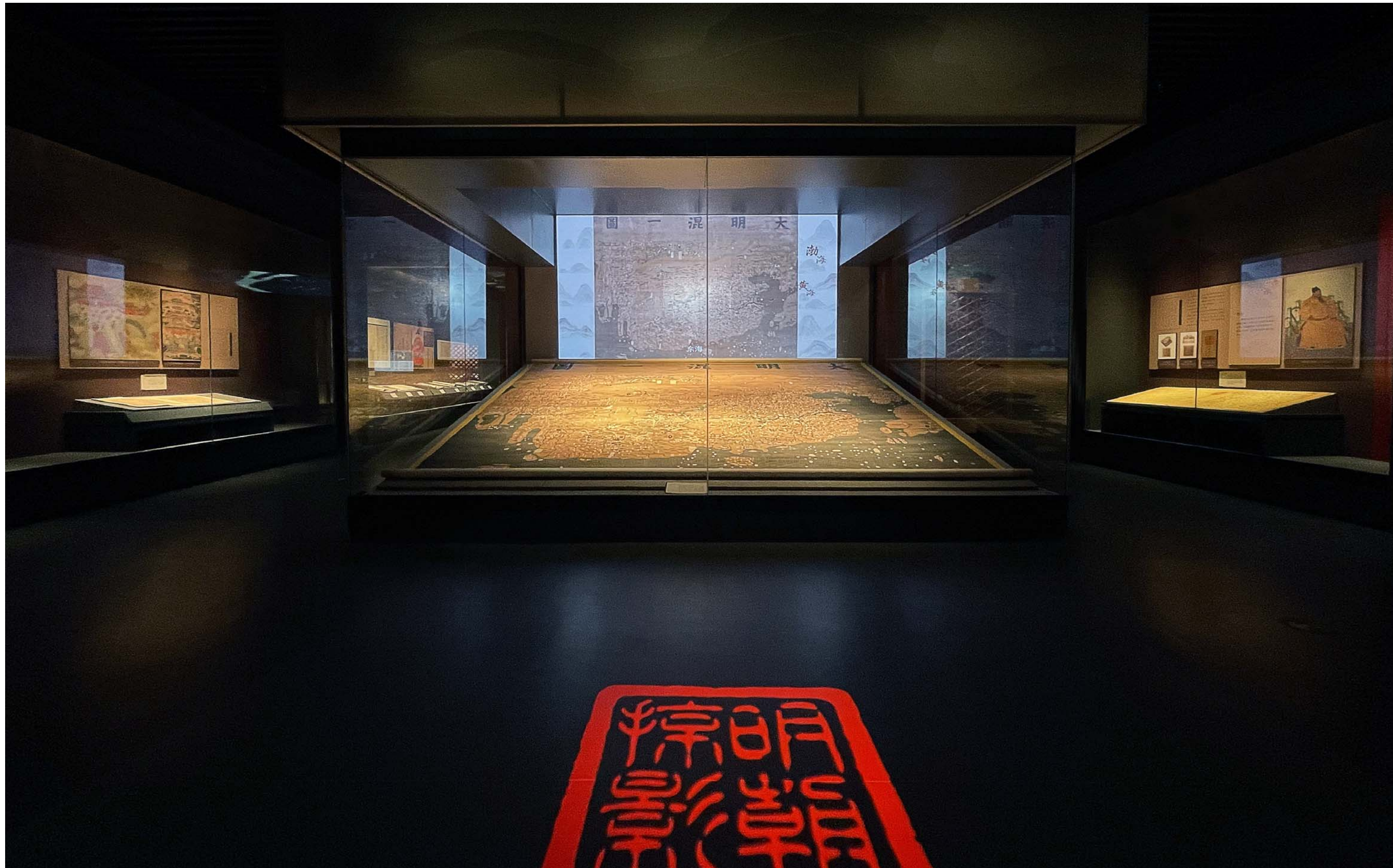
















EVEREST System

Ceiling lighting

67

Trunk lighting



EVEREST-L
103



EVEREST-M
107



EVEREST-R
109



EVEREST PANEL-L
113



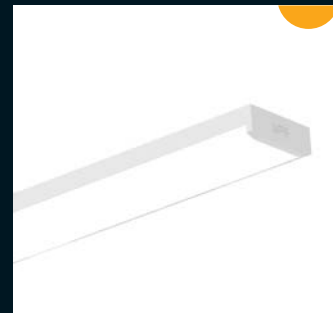
EVEREST PANEL-M
119



EVEREST PANEL-R
123



EVEREST SLIM-L
127



EVEREST SLIM-M
133



EVEREST SLIM-R
137



EVEREST SPOTS
141



EVEREST PURESIGN
145

Ceiling lighting

151

Trunk lighting



TRUNK TALY
153

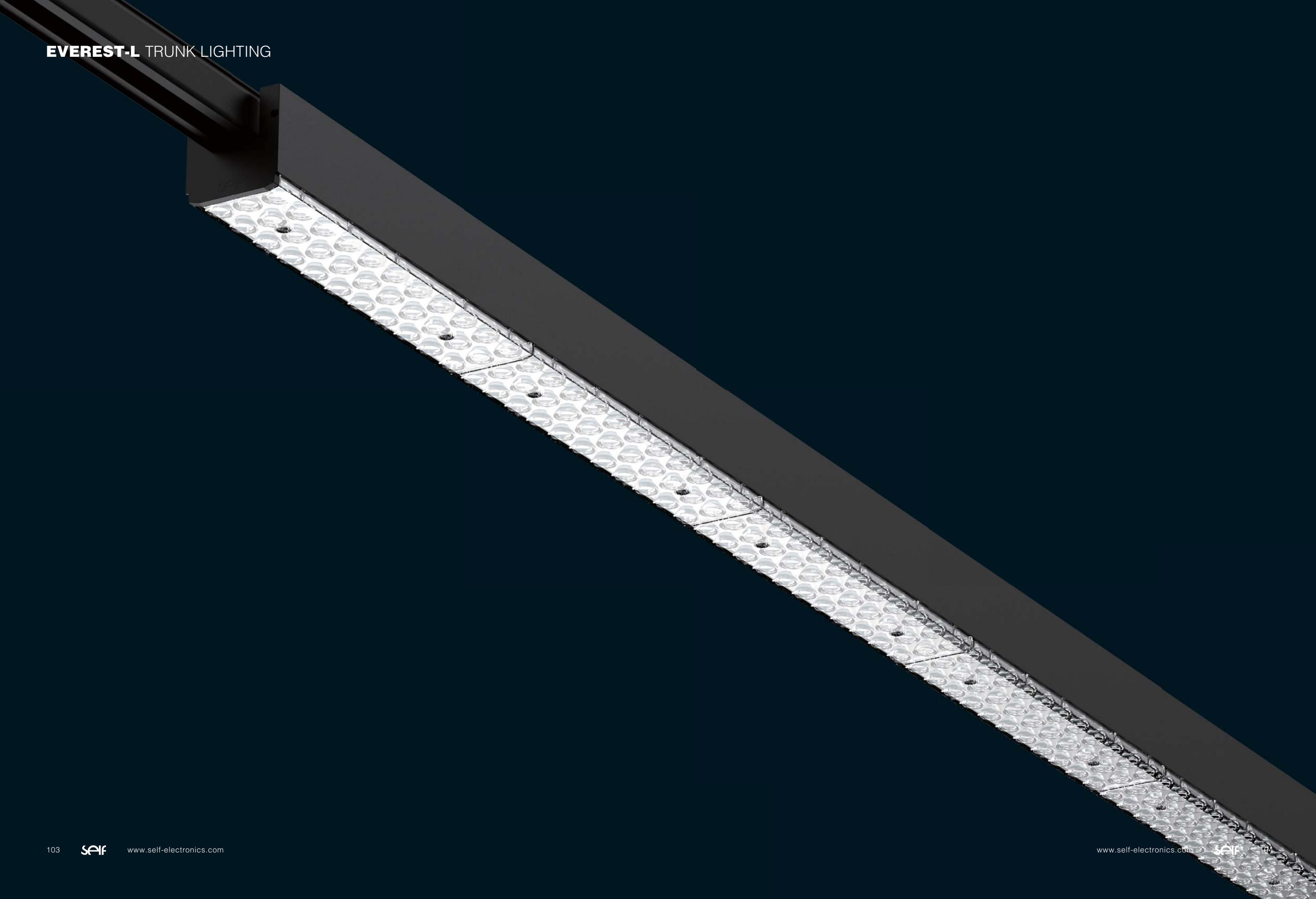


TRUNK SPOTS
155



TRUNK TINA3
151679

EVEREST-L TRUNK LIGHTING



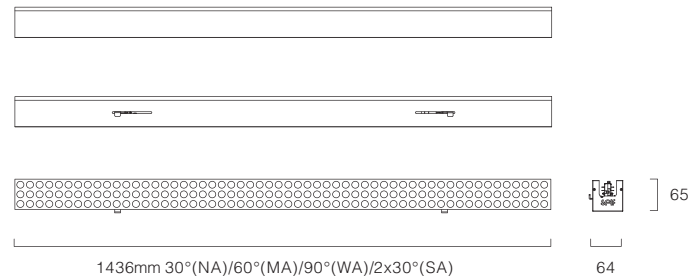


- Housing: Aluminum extrusion powder-coated.
- Optical lens: Plastic injection.
- LED parts: SMD LEDs, unreplaceable.
- Chromaticity tolerance (initial MacAdam): 3 SDCM.
- Power supply: High efficiency up to 0.93.
- Input voltage: 220 - 240VAC 50/60Hz.
- Ta: -20~35°C.
- Lifetime: 50,000 hrs (L80, B20, Ta=25°C, 12hrs/day).

- Degree of protection class: IP20.
- Impact resistance: IK05.



Dimensions: (mm)



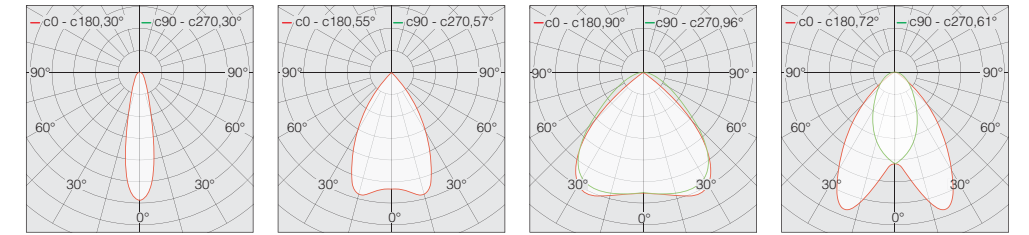
Specifications

Order no.	Model	Power (W)	Ra(R9) typ	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	UGR	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1032-049510-0130	EVEREST LO-L1450-220V	35	83(00)	3000	30°(NA)	5650	161	<22	6	12.5	1500x280x190
1032-049500-0130	(White)		83(00)	4000		5970	171		6	12.5	1500x280x190
1032-049710-0130	EVEREST MO-L1450-220V	50	83(00)	3000	30°(NA)	7820	156	<24	6	13.5	1500x280x190
1032-049700-0130	(White)		83(00)	4000		8250	165		6	13.5	1500x280x190
1032-095610-0130	EVEREST HO-L1450-220V-L	80	83(00)	3000	30°(NA)	11480	144	<26	6	13.4	1500x280x190
1032-095600-0130	(White)		83(00)	4000		12120	152		6	13.4	1500x280x190
1032-049610-0130	EVEREST LO-L1450-220V-D	35	83(00)	3000	30°(NA)	5650	161	<22	6	13.4	1500x280x190
1032-049600-0130	(White)		83(00)	4000		5970	171		6	13.4	1500x280x190
1032-049810-0130	EVEREST MO-L1450-220V-D	50	83(00)	3000	30°(NA)	7820	156	<24	6	12.5	1500x280x190
1032-049800-0130	(White)		83(00)	4000		8250	165		6	12.5	1500x280x190
1032-095710-0130	EVEREST HO-L1450-220V-DL	80	83(00)	3000	30°(NA)	11480	144	<26	6	13.5	1500x280x190
1032-095700-0130	(White)		83(00)	4000		12120	152		6	13.5	1500x280x190
1032-049510-0131	EVEREST LO-L1450-220V	35	83(00)	3000	60°(MA)	5650	161	<22	6	13.4	1500x280x190
1032-049500-0131	(White)		83(00)	4000		5970	171		6	13.4	1500x280x190
1032-049710-0131	EVEREST MO-L1450-220V	50	83(00)	3000	60°(MA)	7820	156	<24	6	13.4	1500x280x190
1032-049700-0131	(White)		83(00)	4000		8250	165		6	13.4	1500x280x190
1032-095610-0131	EVEREST HO-L1450-220V-L	80	83(00)	3000	60°(MA)	11480	144	<26	6	12.5	1500x280x190
1032-095600-0131	(White)		83(00)	4000		12120	152		6	12.5	1500x280x190
1032-049610-0131	EVEREST LO-L1450-220V-D	35	83(00)	3000	60°(MA)	5650	161	<22	6	13.5	1500x280x190
1032-049600-0131	(White)		83(00)	4000		5970	171		6	13.5	1500x280x190
1032-049810-0131	EVEREST MO-L1450-220V-D	50	83(00)	3000	60°(MA)	7820	156	<24	6	13.4	1500x280x190
1032-049800-0131	(White)		83(00)	4000		8250	165		6	13.4	1500x280x190
1032-095710-0131	EVEREST HO-L1450-220V-DL	80	83(00)	3000	60°(MA)	11480	144	<26	6	13.4	1500x280x190
1032-095700-0131	(White)		83(00)	4000		12120	152		6	13.4	1500x280x190

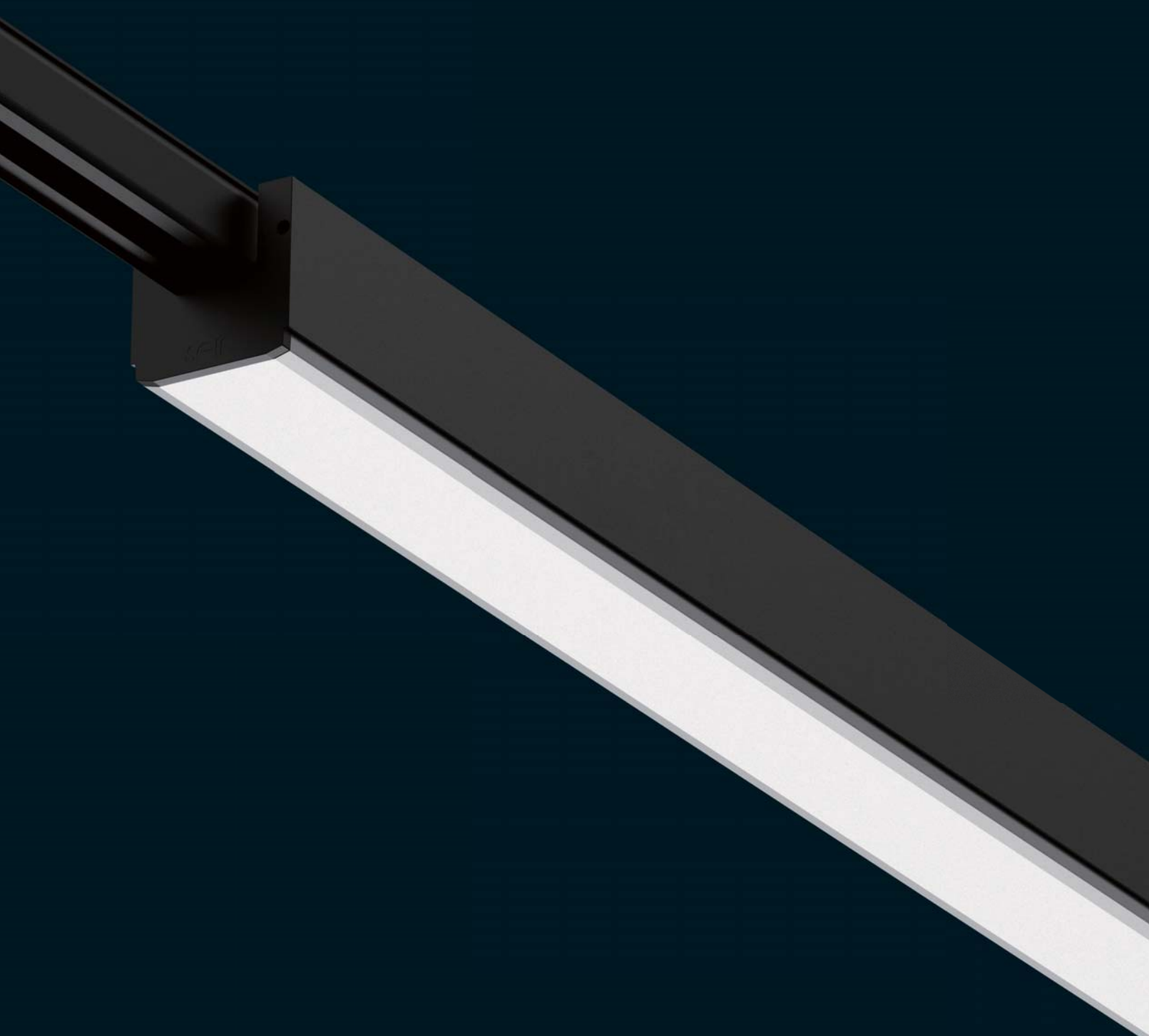
Specifications

Order no.	Model	Power (W)	Ra(R9) typ	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	UGR	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1032-049510-0132	EVEREST LO-L1450-220V	35	83(00)	3000	90°(WA)	5650	161	<22	6	12.5	1500x280x190
1032-049500-0132	(White)		83(00)	4000		5970	171		6	12.5	1500x280x190
1032-049710-0132	EVEREST MO-L1450-220V	50	83(00)	3000	90°(WA)	7820	156	<24	6	13.5	1500x280x190
1032-049700-0132	(White)		83(00)	4000		8250	165		6	13.5	1500x280x190
1032-095610-0132	EVEREST HO-L1450-220V-L	77	83(00)	3000	90°(WA)	11480	144	<26	6	13.4	1500x280x190
1032-095600-0132	(White)		83(00)	4000		12120	152		6	13.4	1500x280x190
1032-049610-0132	EVEREST LO-L1450-220V-D	35	83(00)	3000	90°(WA)	5650	161	<22	6	13.4	1500x280x190
1032-049600-0132	(White)		83(00)	4000		5970	171		6	13.4	1500x280x190
1032-049810-0132	EVEREST MO-L1450-220V-D	50	83(00)	3000	90°(WA)	7820	156	<24	6	12.5	1500x280x190
1032-049800-0132	(White)		83(00)	4000		8250	165		6	12.5	1500x280x190
1032-095710-0132	EVEREST HO-L1450-220V-DL	77	83(00)	3000	90°(WA)	11480	144	<26	6	13.5	1500x280x190
1032-095700-0132	(White)		83(00)	4000		12120	152		6	13.5	1500x280x190
1032-049510-0133	EVEREST LO-L1450-220V	35	83(00)	3000	2x30°(SA)	5650	161	<22	6	13.4	1500x280x190
1032-049500-0133	(White)		83(00)	4000		5970	171		6	13.4	1500x280x190
1032-049710-0133	EVEREST MO-L1450-220V	50	83(00)	3000	2x30°(SA)	7820	156	<24	6	13.4	1500x280x190
1032-049700-0133	(White)		83(00)	4000		8250	165		6	13.4	1500x280x190
1032-095610-0133	EVEREST HO-L1450-220V-L	77	83(00)	3000	2x30°(SA)	11480	144	<26	6	12.5	1500x280x190
1032-095600-0133	(White)		83(00)	4000		12120	152		6	12.5	1500x280x190
1032-049610-0133	EVEREST LO-L1450-220V-D	35	83(00)	3000	2x30°(SA)	5650	161	<22	6	13.5	1500x280x190
1032-049600-0133	(White)		83(00)	4000		5970	171		6	13.5	1500x280x190
1032-049810-0133	EVEREST MO-L1450-220V-D	50	83(00)	3000	2x30°(SA)	7820	156	<24	6	13.4	1500x280x190
1032-049800-0133	(White)		83(00)	4000		8250	165		6	13.4	1500x280x190
1032-095710-0133	EVEREST HO-L1450-220V-DL	77	83(00)	3000	2x30°(SA)	11480	144	<26	6	13.4	1500x280x190
1032-095700-0133	(White)		83(00)	4000		12120	152		6	13.4	1500x280x190

Photometrics



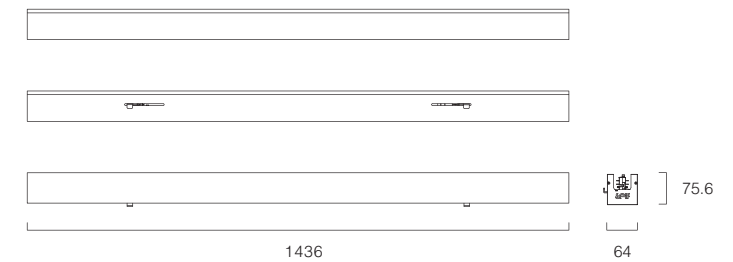
*Black version is available, please contact sales for more information.



- Housing: Aluminum extrusion powder-coated.
- Optical cover: Plastic extrusion.
- LED parts: SMD LEDs, unreplaceable.
- Chromaticity tolerance (initial MacAdam): 3 SDCM.
- Power supply: High efficiency up to 0.93.
- Input voltage: 220 - 240VAC 50/60Hz.
- Ta: -20~35°C.
- Lifetime: 50,000 hrs (L80, B20, Ta=25°C, 12hrs/day).
- Degree of protection class: IP20.
- Impact resistance: IK05.



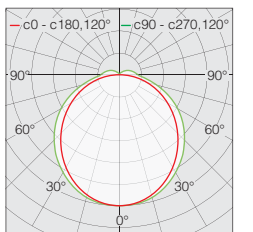
Dimensions: (mm)



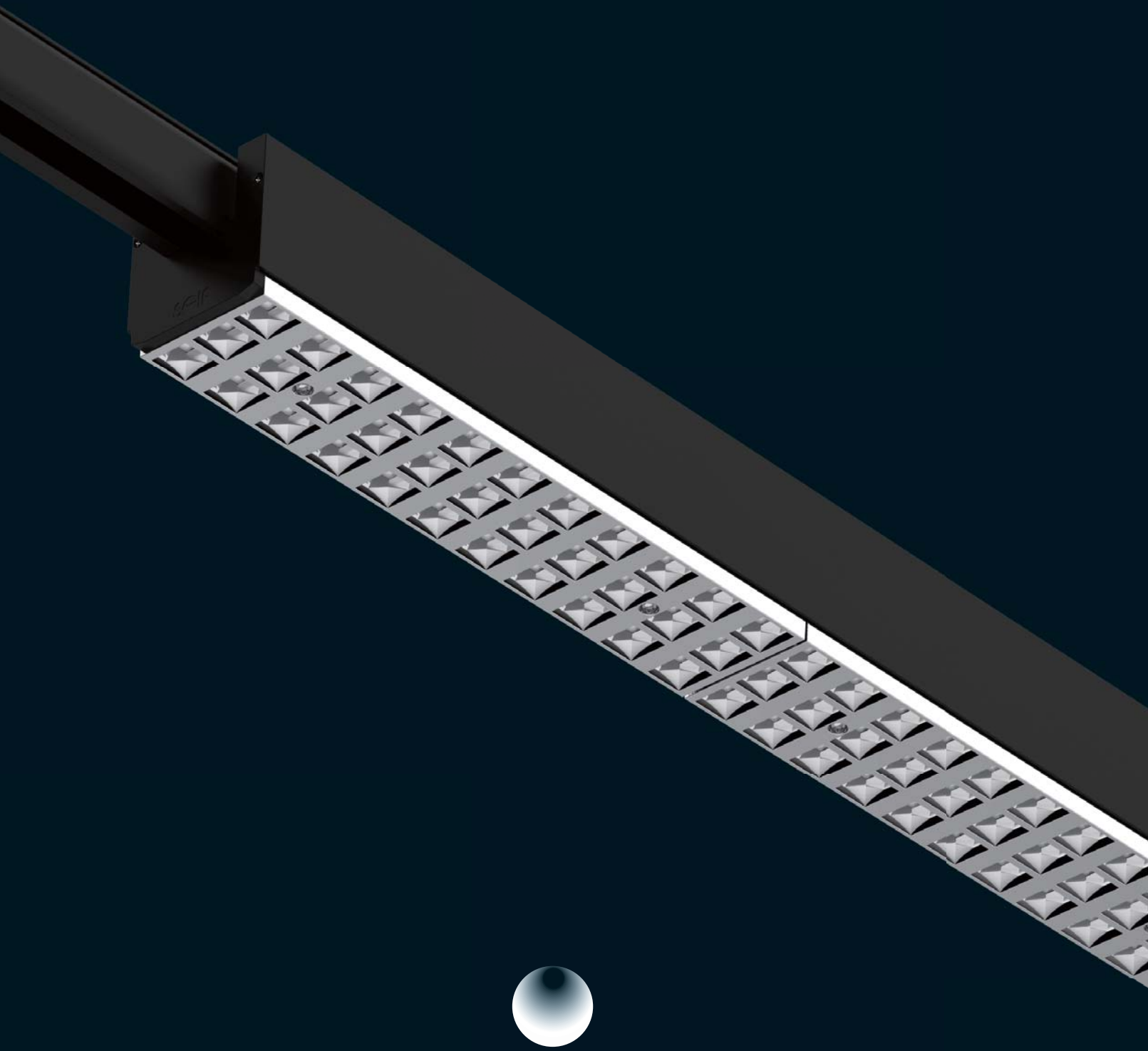
Specifications

Order no.	Model	Power (W)	Ra(R9) typ	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	UGR	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1032-095810-0130	EVEREST LO-L1450-220V-M	35	83(00)	3000	120°	5660	162	<22	6	12.3	1495x340x210
1032-095800-0130	(White)		83(00)	4000	120°	5980	171		6	12.3	1495x340x210
1032-096110-0130	EVEREST MO-L1450-220V-M	50	83(00)	3000	120°	7880	158	<24	6	12.3	1495x340x210
1032-096100-0130	(White)		83(00)	4000	120°	8330	167		6	12.3	1495x340x210
1032-095910-0130	EVEREST LO-L1450-220V-DM	35	83(00)	3000	120°	5660	162	<22	6	12.3	1495x340x210
1032-095900-0130	DALI (White)		83(00)	4000	120°	5980	171		6	12.3	1495x340x210
1032-096210-0130	EVEREST MO-L1450-220V-DM	50	83(00)	3000	120°	7880	158	<24	6	12.3	1495x340x210
1032-096200-0130	DALI (White)		83(00)	4000	120°	8330	167		6	12.3	1495x340x210

Photometrics



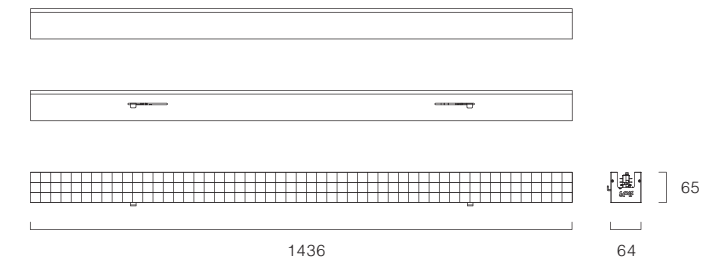
*Black version is available, please contact sales for more information.



- Housing: Aluminum extrusion powder-coated.
- Optical reflector: Plastic injection vacuum plated.
- LED parts: SMD LEDs, unreplaceable.
- Chromaticity tolerance (initial MacAdam): 3 SDCM.
- Power supply: High efficiency up to 0.93.
- Input voltage: 220 - 240VAC 50/60Hz.
- Ta: -20~35°C.
- Lifetime: 50,000 hrs (L80, B20, Ta=25°C, 12hrs/day).
- Degree of protection class: IP20.
- Impact resistance: IK05.



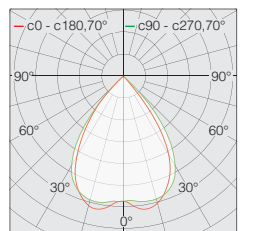
Dimensions: (mm)



Specifications

Order no.	Model	Power (W)	Ra(R9) typ	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	UGR	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1032-0885 10-0132	EVEREST LO-L1450-220V-R	35	83(00)	3000	70°	5410	155	<18	6	12.5	1500x280x190
1032-088500-0132	(White)		83(00)	4000		5710	163		6	12.5	1500x280x190
1032-0963 10-0130	EVEREST MO-L1450-220V-R	50	83(00)	3000	70°	7480	150	<19	6	13.5	1500x280x190
1032-096300-0130	(White)		83(00)	4000		7900	158		6	13.5	1500x280x190
1032-0960 10-0130	EVEREST LO-L1450-220V-DR	35	83(00)	3000	70°	5410	155	<18	6	13.4	1500x280x190
1032-096000-0130	DALI (White)		83(00)	4000		5710	163		6	13.4	1500x280x190
1032-0964 10-0130	EVEREST MO-L1450-220V-DR	50	83(00)	3000	70°	7480	150	<19	6	13.4	1500x280x190
1032-096400-0130	DALI (White)		83(00)	4000		7900	158		6	13.4	1500x280x190

Photometrics

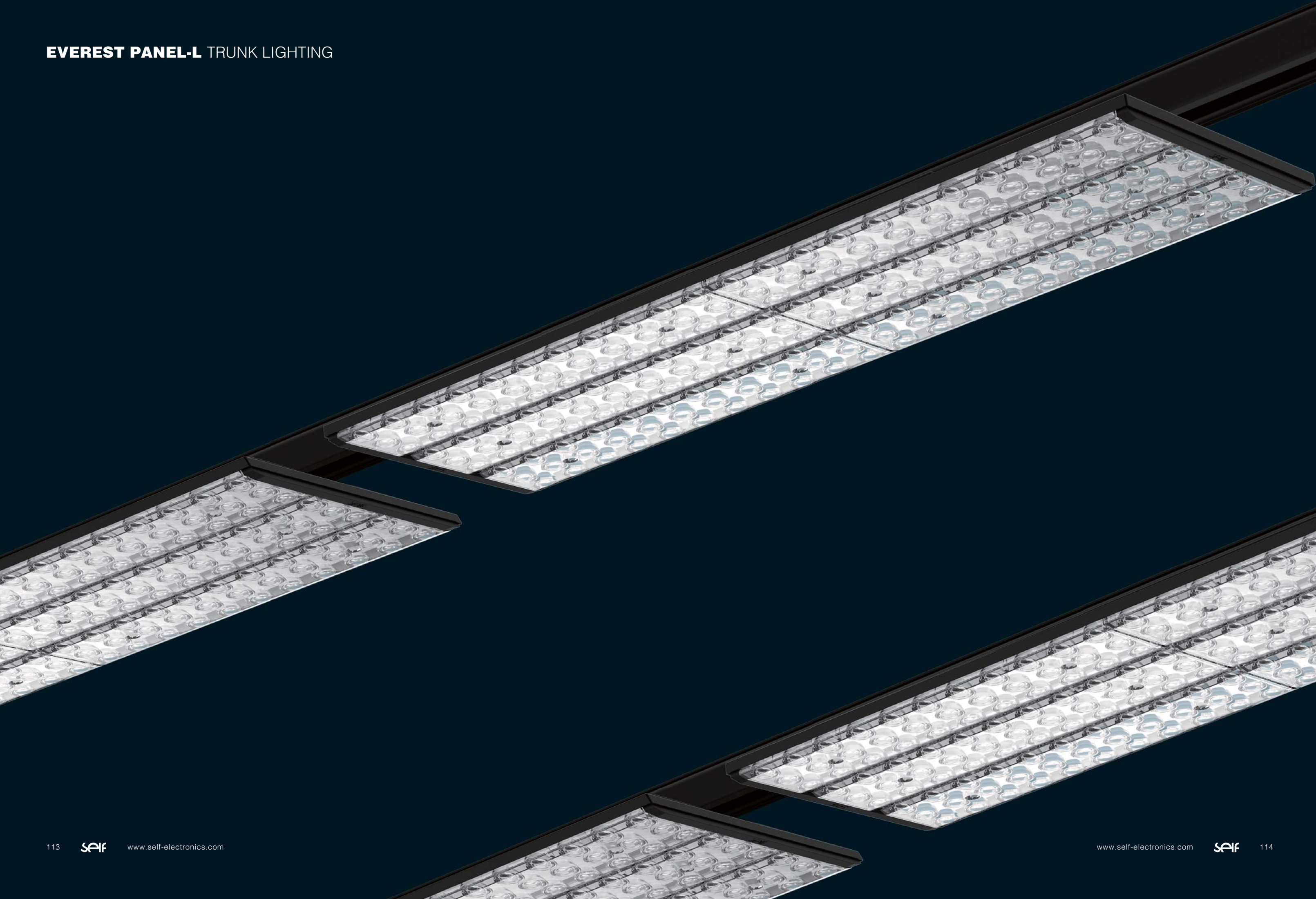


*Black version is available, please contact sales for more information.

EVEREST PANEL-L TRUNK LIGHTING



EVEREST PANEL-L TRUNK LIGHTING



EVEREST PANEL-L TRUNK LIGHTING



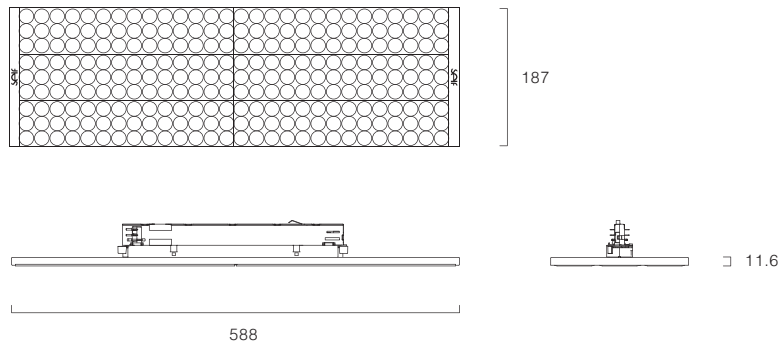
- Housing: Iron sheet spraying.
- Optical lens: Plastic injection.
- LED parts: SMD LEDs, unreplaceable.
- Chromaticity tolerance (initial MacAdam): 3 SDCM.
- Input voltage: 220-240VAC 50/60Hz.
- Ta: -20~35°C.
- Lifetime: 50,000 hrs (L80, B20, Ta=25°C, 12hrs/day).
- Degree of protection class: IP20.
- Impact resistance: IK05.



PATENT



Dimensions: (mm)



Specifications

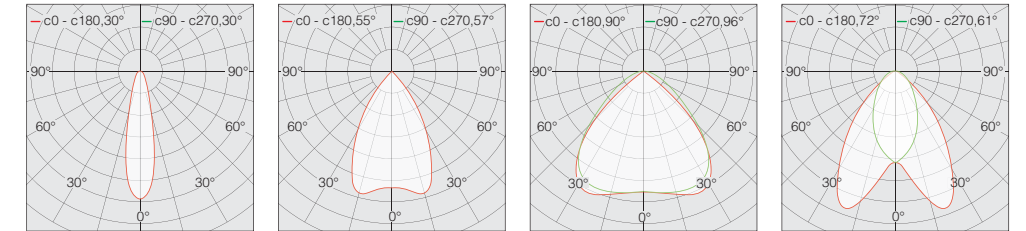
Order no.	Model	Power (W)	Ra(R9) typ	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	UGR	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1032-098410-0130	EVEREST PANEL LO-L600-220V-L	35	83(00)	3000		5670	162	<22			
1032-098400-0130	(White)		83(00)	4000		5990	171				
1032-099010-0130	EVEREST PANEL MO-L600-220V-L	50	83(00)	3000	30°(NA)	7730	155	<24	4	9.5	645x455x115
1032-099000-0130	(White)		83(00)	4000		8160	163				
1032-098510-0131	EVEREST PANEL LO-L600-220V-DL	35	83(00)	3000		5670	162	<22			
1032-098500-0131	DALI (White)		83(00)	4000		5990	171				
1032-099110-0130	EVEREST PANEL MO-L600-220V-DL	50	83(00)	3000	30°(NA)	7730	155	<24	4	9.5	645x455x115
1032-099100-0130	DALI (White)		83(00)	4000		8160	163				
1032-098410-0131	EVEREST PANEL LO-L600-220V-L	35	83(00)	3000		5670	162	<22			
1032-098400-0131	(White)		83(00)	4000		5990	171				
1032-099010-0131	EVEREST PANEL MO-L600-220V-L	50	83(00)	3000	60°(MA)	7730	155	<24	4	9.5	645x455x115
1032-099000-0131	(White)		83(00)	4000		8160	163				
1032-098510-0130	EVEREST PANEL LO-L600-220V-DL	35	83(00)	3000		5670	162	<22			
1032-098500-0130	DALI (White)		83(00)	4000		5990	171				
1032-099110-0131	EVEREST PANEL MO-L600-220V-DL	50	83(00)	3000	60°(MA)	7730	155	<24	4	9.5	645x455x115
1032-099100-0131	DALI (White)		83(00)	4000		8160	163				
1032-098410-0132	EVEREST PANEL LO-L600-220V-L	35	83(00)	3000		5670	162	<22			
1032-098400-0132	(White)		83(00)	4000		5990	171				
1032-099010-0132	EVEREST PANEL MO-L600-220V-L	50	83(00)	3000	90°(WA)	7730	155	<24	4	9.5	645x455x115
1032-099000-0132	(White)		83(00)	4000		8160	163				
1032-098510-0132	EVEREST PANEL LO-L600-220V-DL	35	83(00)	3000		5670	162	<22			
1032-098500-0132	DALI (White)		83(00)	4000		5990	171				
1032-099110-0132	EVEREST PANEL MO-L600-220V-DL	50	83(00)	3000	90°(WA)	7730	155	<24	4	9.5	645x455x115
1032-099100-0132	DALI (White)		83(00)	4000		8160	163				

EVEREST PANEL-L TRUNK LIGHTING

Specifications

Order no.	Model	Power (W)	Ra(R9) typ	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	UGR	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1032-098410-0133	EVEREST PANEL LO-L600-220V-L	35	83(00)	3000		5490	157	<22			
1032-098400-0133	(White)		83(00)	4000	2x30°	5950	170		4	9.5	645x455x115
1032-099010-0133	EVEREST PANEL MO-L600-220V-L	50	83(00)	3000	(NA)	7190	144	<24			
1032-099000-0133	(White)		83(00)	4000		7790	156				
1032-098510-0133	EVEREST PANEL LO-L600-220V-DL	35	83(00)	3000		5490	157	<22			
1032-098500-0133	(White)		83(00)	4000	2x30°	5950	170		4	9.5	645x455x115
1032-099110-0133	EVEREST PANEL MO-L600-220V-DL	50	83(00)	3000	(NA)	7190	144	<24			
1032-099100-0133	(White)		83(00)	4000		7790	156				

Photometrics

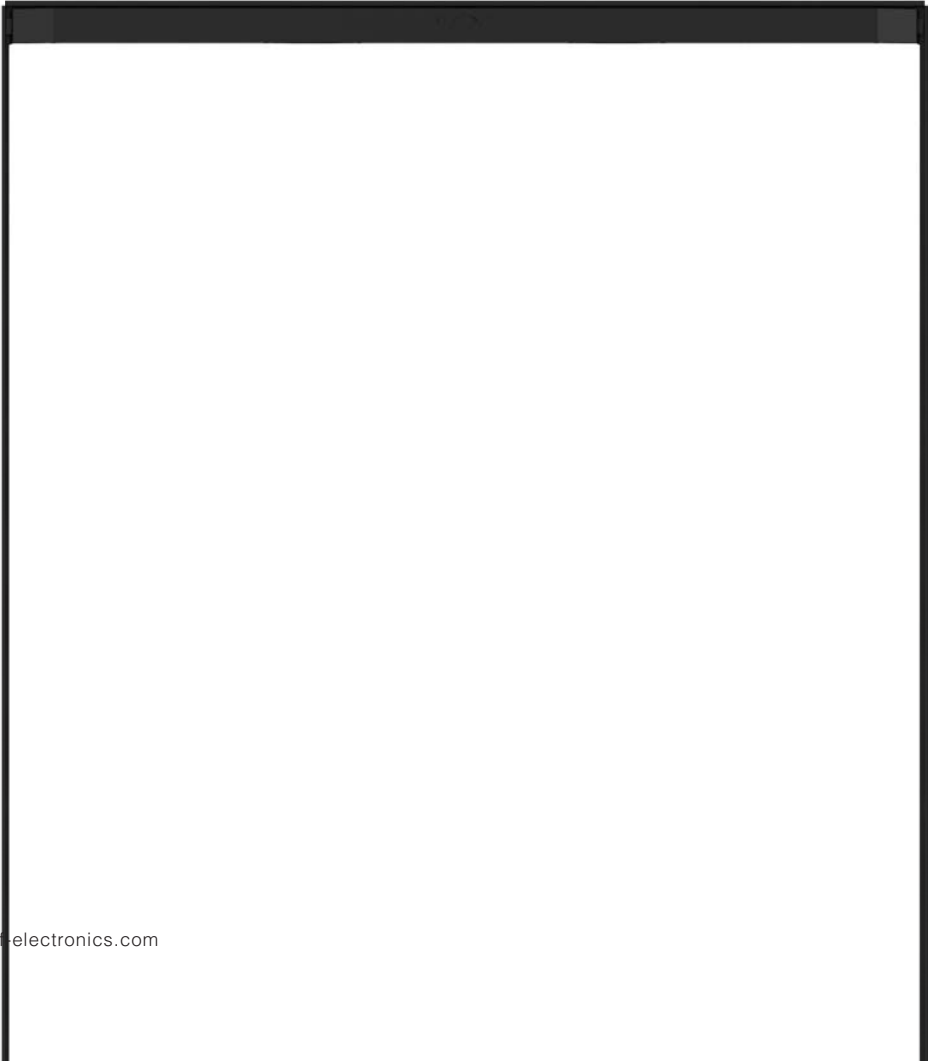
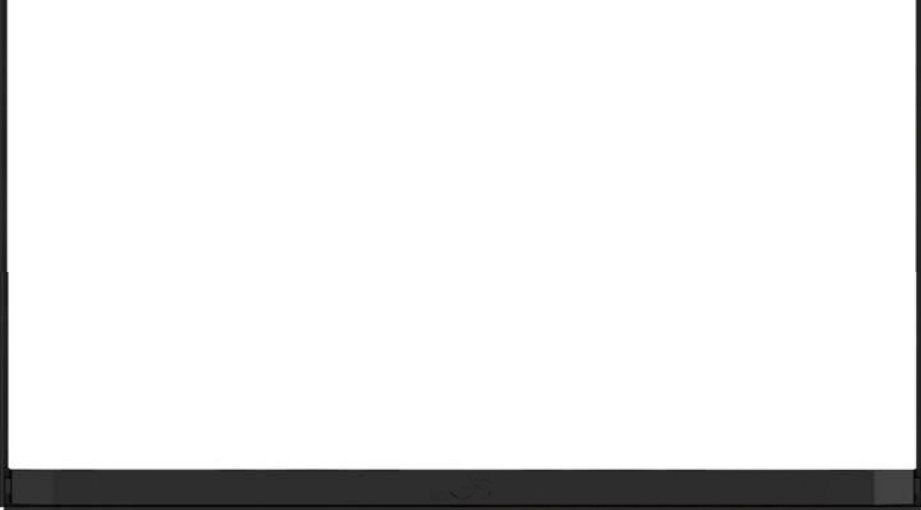


*Black version is available, please contact sales for more information.

EVEREST PANEL-M TRUNK LIGHTING



EVEREST PANEL-M TRUNK LIGHTING



EVEREST PANEL-M TRUNK LIGHTING



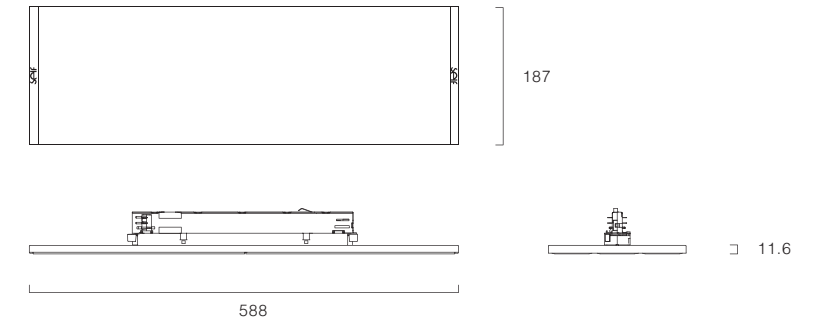
EVEREST PANEL-M TRUNK LIGHTING



- Housing: Iron sheet spraying.
- Optical cover: Plastic extrusion.
- LED parts: SMD LEDs, unreplaceable.
- Chromaticity tolerance (initial MacAdam): 3 SDCM.
- Input voltage: 220-240VAC 50/60Hz.
- Ta: -20~35°C.
- Lifetime: 50,000 hrs (L80, B20, Ta=25°C, 12hrs/day).
- Degree of protection class: IP20.
- Impact resistance: IK05.



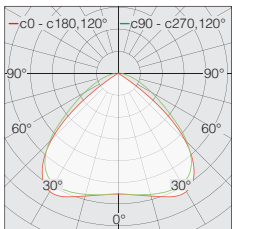
Dimensions: (mm)



Specifications

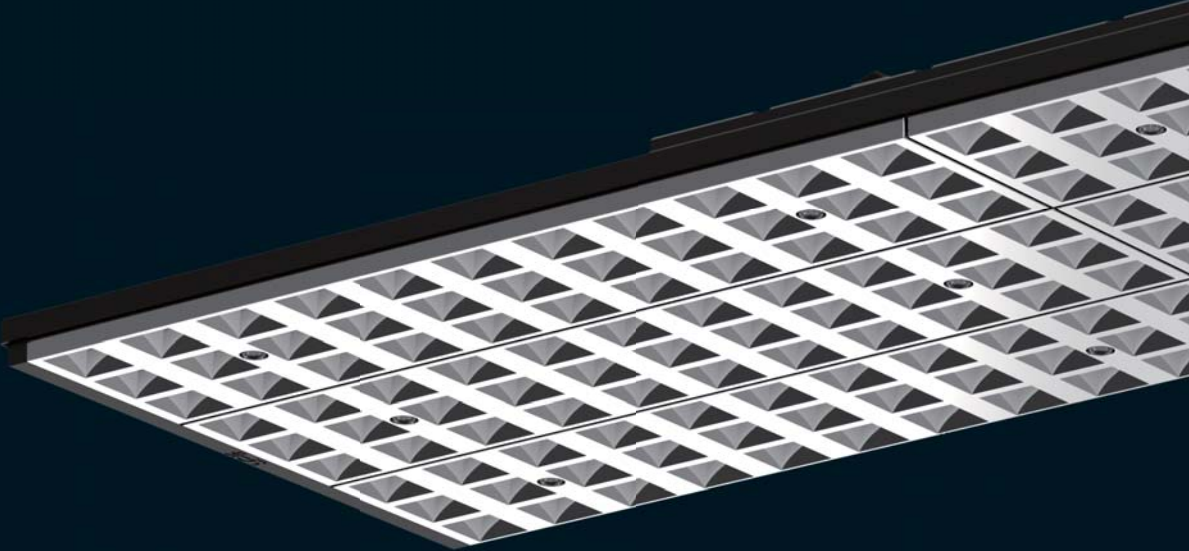
Order no.	Model	Power (W)	Ra(R9) typ	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	UGR	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1032-098610-0130	EVEREST PANEL LO-L600-220V-M	35	83(00)	3000	120°	5440	155	<22	4	9.5	645x455x115
1032-098600-0130	(White)		83(00)	4000		5750	164				
1032-099210-0130	EVEREST PANEL MO-L600-220V-M	50	83(00)	3000	120°	7210	144	<24	4	9.5	645x455x115
1032-099200-0130	(White)		83(00)	4000		7620	152				
1032-098710-0130	EVEREST PANEL LO-L600-220V-DM	35	83(00)	3000	120°	5440	155	<22	4	9.5	645x455x115
1032-098700-0130	DALI (White)		83(00)	4000		5750	164				
1032-099310-0130	EVEREST PANEL MO-L600-220V-DM	50	83(00)	3000	120°	7210	144	<24	4	9.5	645x455x115
1032-099300-0130	DALI (White)		83(00)	4000		7620	152				

Photometrics



*Black version is available, please contact sales for more information.

EVEREST PANEL-R TRUNK LIGHTING





EVEREST PANEL-R TRUNK LIGHTING



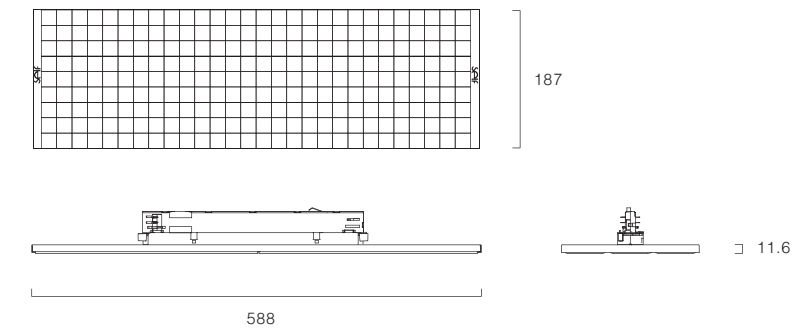
- Housing: Iron sheet spraying.
- Optical reflector: Plastic injection vacuum plated.
- LED parts: SMD LEDs, unreplaceable.
- Chromaticity tolerance (initial MacAdam): 3 SDCM.
- Input voltage: 220-240VAC 50/60Hz.
- Ta: -20~35°C.
- Lifetime: 50,000 hrs (L80, B20, Ta=25°C, 12hrs/day).
- Degree of protection class: IP20.
- Impact resistance: IK05.



PATENT



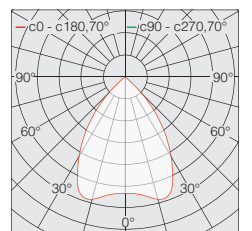
Dimensions: (mm)



Specifications

Order no.	Model	Power (W)	Ra(R9) typ	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	UGR	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1032-098810-0130	EVEREST PANEL LO-L600-220V-R	35	83(00)	3000	70°	5430	155	<18	4	9.5	645x455x115
1032-098800-0130	(White)		83(00)	4000		5730	164				
1032-099410-0130	EVEREST PANEL MO-L600-220V-R	50	83(00)	3000	70°	7390	148	<19	4	9.5	645x455x115
1032-099400-0130	(White)		83(00)	4000		7810	156				
1032-098910-0130	EVEREST PANEL LO-L600-220V-DR	35	83(00)	3000	70°	5430	155	<18	4	9.5	645x455x115
1032-098900-0130	DALI (White)		83(00)	4000		5730	164				
1032-099610-0130	EVEREST PANEL MO-L600-220V-DR	50	83(00)	3000	70°	7390	148	<19	4	9.5	645x455x115
1032-099600-0130	DALI (White)		83(00)	4000		7810	156				

Photometrics



Premium dark light

*Black version is available, please contact sales for more information.

EVEREST SLIM-L TRUNK LIGHTING

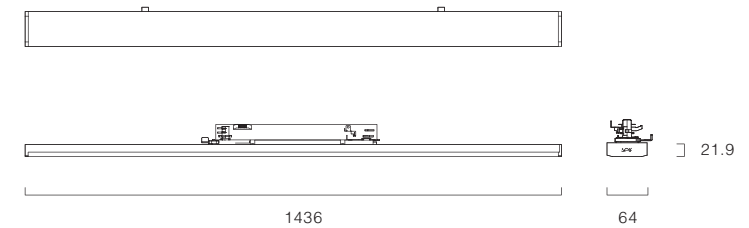




- Housing: Iron sheet spraying.
- Optical lens: Plastic injection.
- LED parts: SMD LEDs, unreplaceable.
- Chromaticity tolerance (initial MacAdam): 3 SDCM.
- Power supply: High efficiency up to 0.93.
- Input voltage: 220 - 240VAC 50/60Hz.
- Ta: -20~35°C.
- Lifetime: 50,000 hrs (L80, B20, Ta=25°C, 12hrs/day).
25,000 hrs (L80, B20, Ta=50°C, 8hrs/day).
- Degree of protection class: IP20.
- Impact resistance: IK05.



Dimensions: (mm)



Specifications

Order no.	Model	Power (W)	Ra(R9) typ	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	UGR	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1032-095010-0130	EVEREST SLIM LO-L1450-220V-L	35	83(00)	3000		5170	148	<22			
1032-095000-0130	(White)		83(00)	4000	30°	5460	156		4	13	1480x310x100
1032-097110-0130	EVEREST SLIM MO-L1450-220V-L	50	83(00)	3000	(NA)	7150	143	<24			
1032-097100-0130	(White)		83(00)	4000		7550	151				
1032-096610-0130	EVEREST SLIM LO-L1450-220V-DL	35	83(00)	3000		5170	148	<22			
1032-096600-0130	DALI (White)		83(00)	4000	30°	5460	156		4	13	1480x310x100
1032-097210-0130	EVEREST SLIM MO-L1450-220V-DL	50	83(00)	3000	(NA)	7150	143	<24			
1032-097200-0130	DALI (White)		83(00)	4000		7550	151				
1032-095010-0131	EVEREST SLIM LO-L1450-220V-L	35	83(00)	3000		5170	148	<22			
1032-095000-0131	(White)		83(00)	4000	60°	5460	156		4	13	1480x310x100
1032-097110-0131	EVEREST SLIM MO-L1450-220V-L	50	83(00)	3000	(MA)	7150	143	<24			
1032-097100-0131	(White)		83(00)	4000		7550	151				
1032-096610-0131	EVEREST SLIM LO-L1450-220V-DL	35	83(00)	3000		5170	148	<22			
1032-096600-0131	DALI (White)		83(00)	4000	60°	5460	156		4	13	1480x310x100
1032-097210-0131	EVEREST SLIM MO-L1450-220V-DL	50	83(00)	3000	(MA)	7150	143	<24			
1032-097200-0131	DALI (White)		83(00)	4000		7550	151				
1032-095010-0132	EVEREST SLIM LO-L1450-220V-L	35	83(00)	3000		5170	148	<22			
1032-095000-0132	(White)		83(00)	4000	90°	5460	156		4	13	1480x310x100
1032-097110-0132	EVEREST SLIM MO-L1450-220V-L	50	83(00)	3000	(WA)	7150	143	<24			
1032-097100-0132	(White)		83(00)	4000		7550	151				
1032-096610-0132	EVEREST SLIM LO-L1450-220V-DL	35	83(00)	3000		5170	148	<22			
1032-096600-0132	DALI (White)		83(00)	4000	90°	5460	156		4	13	1480x310x100
1032-097210-0132	EVERESTS LIM MO-L1450-220V-DL	50	83(00)	3000	(WA)	7150	143	<24			
1032-097200-0132	DALI (White)		83(00)	4000		7550	151				

EVEREST SLIM-L TRUNK LIGHTING

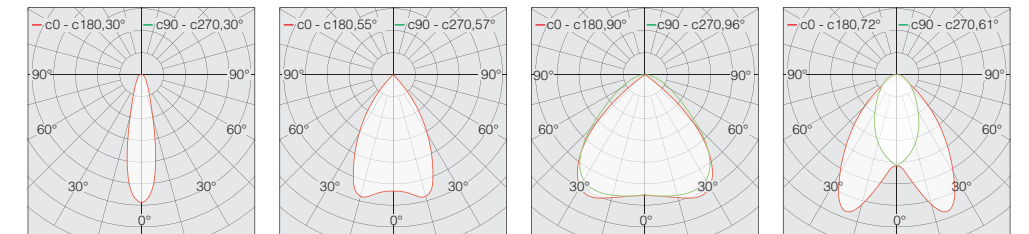
Specifications

Order no.	Model	Power (W)	Ra(R9) typ	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	UGR	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1032-095010-0133	EVEREST SLIM LO-L1450-220V-L	35	83(00)	3000		5170	148	<22	4	13	1480x310x100
1032-095000-0133	(White)		83(00)	4000	2x30°	5460	156				
1032-097110-0133	EVEREST SLIM MO-L1450-220V-L	50	83(00)	3000		7150	143	<24	4	13	1480x310x100
1032-097100-0133	(White)		83(00)	4000	(SA)	7550	151				
1032-096610-0133	EVEREST SLIM LO-L1450-220V-DL	35	83(00)	3000		5170	148	<22	4	13	1480x310x100
1032-096600-0133	DALI (White)		83(00)	4000	2x30°	5460	156				
1032-097210-0133	EVEREST SLIM MO-L1450-220V-DL	50	83(00)	3000		7150	143	<24	4	13	1480x310x100
1032-097200-0133	DALI (White)		83(00)	4000	(SA)	7550	151				

*Black version is available, please contact sales for more information.

EVEREST SLIM-L TRUNK LIGHTING

Photometrics



EVEREST SLIM-M TRUNK LIGHTING

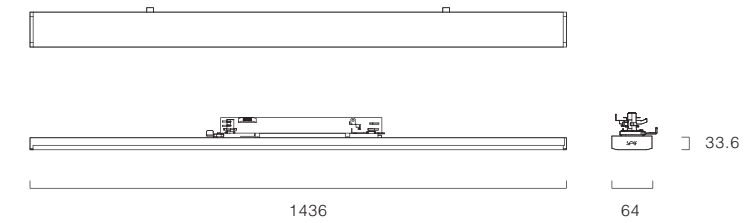




- Housing: Iron sheet spraying.
- Optical cover: Plastic extrusion.
- LED parts: SMD LEDs, unreplaceable.
- Chromaticity tolerance (initial MacAdam): 3 SDCM.
- Power supply: High efficiency up to 0.93.
- Input voltage: 220 - 240VAC 50/60Hz.
- Ta: -20~35°C.
- Lifetime: 50,000 hrs (L80, B20, Ta=25°C, 12hrs/day).
25,000 hrs (L80, B20, Ta=50°C, 8hrs/day).
- Degree of protection class: IP20.
- Impact resistance: IK05.



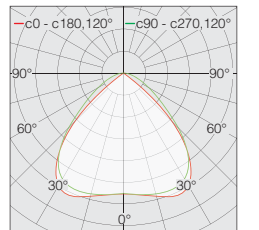
Dimensions: (mm)



Specifications

Order no.	Model	Power (W)	Ra (R9) typ	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	UGR	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1032-096910-0130	EVEREST SLIM LO-L1450-220V-M	35	83(00)	3000	120°	5470	156	<22	4	13	1480x310x100
1032-096900-0130	(White)		83(00)	4000		5780	165				
1032-097310-0130	EVEREST SLIM MO-L1450-220V-M	50	83(00)	3000	120°	7610	152	<24	4	13	1480x310x100
1032-097300-0130	(White)		83(00)	4000		8040	161				
1032-097010-0130	EVEREST SLIM LO-L1450-220V-DM	35	83(00)	3000	120°	5470	156	<22	4	13	1480x310x100
1032-097000-0130	DALI (White)		83(00)	4000		5780	165				
1032-097410-0130	EVEREST SLIM MO-L1450-220V-DM	50	83(00)	3000	120°	7610	152	<24	4	13	1480x310x100
1032-097400-0130	DALI (White)		83(00)	4000		8040	161				

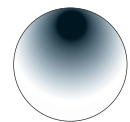
Photometrics



*Black version is available, please contact sales for more information.

EVEREST SLIM-R TRUNK LIGHTING





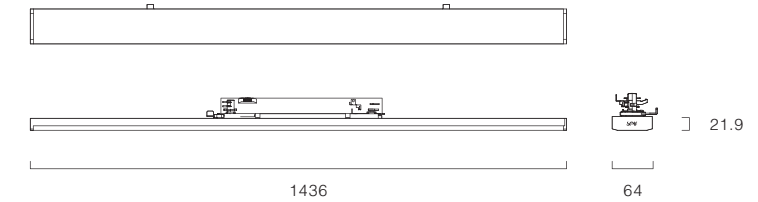
Premium dark light



- Housing: Iron sheet spraying.
- Optical reflector: Plastic injection vacuum plated.
- LED parts: SMD LEDs, unreplaceable.
- Chromaticity tolerance (initial MacAdam): 3 SDCM.
- Power supply: High efficiency up to 0.93.
- Input voltage: 220 - 240VAC 50/60Hz.
- Ta: -20~35°C.
- Lifetime: 50,000 hrs (L80, B20, Ta=25°C, 12hrs/day).
25,000 hrs (L80, B20, Ta=50°C, 8hrs/day).
- Degree of protection class: IP20.
- Impact resistance: IK05.



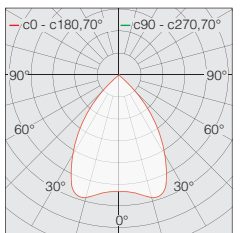
Dimensions: (mm)



Specifications

Order no.	Model	Power (W)	Ra(R9) typ	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	UGR	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1032-096710-0130	EVERESTSLIM LO-L1450-220V-R	35	83(00)	3000	70°	5410	155	<18	4	13	1480x310x100
1032-096700-0130	(White)		83(00)	4000		5710	163				
1032-097510-0130	EVERESTSLIM MO-L1450-220V-R	50	83(00)	3000	70°	7480	150	<19	4	13	1480x310x100
1032-097500-0130	(White)		83(00)	4000		7900	158				
1032-096810-0130	EVERESTSLIM LO-L1450-220V-RD	35	83(00)	3000	70°	5410	155	<18	4	13	1480x310x100
1032-096800-0130	DALI (White)		83(00)	4000		5710	163				
1032-097610-0130	EVERESTSLIM MO-L1450-220V-RD	50	83(00)	3000	70°	7480	150	<19	4	13	1480x310x100
1032-097600-0130	DALI (White)		83(00)	4000		7900	158				

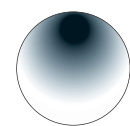
Photometrics



*Black version is available, please contact sales for more information.

EVEREST SPOTS TRUNK LIGHTING





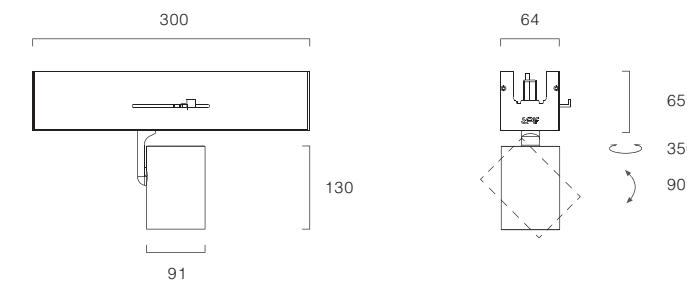
Premium dark light



- Housing: Die-cast aluminium powder-coated.
- Optical lens: Injection plastic.
- LED parts: COB LED, unreplaceable.
- Chromaticity tolerance (initial MacAdam): 3 SDCM.
- Input voltage: 220-240VAC 50/60Hz.
- Ta: -20~35°C.
- Lifetime: 50,000 hrs (L80, B20, Ta=25°C, 12hrs/day).
- Degree of protection class: IP20.
- Impact resistance: IK02.



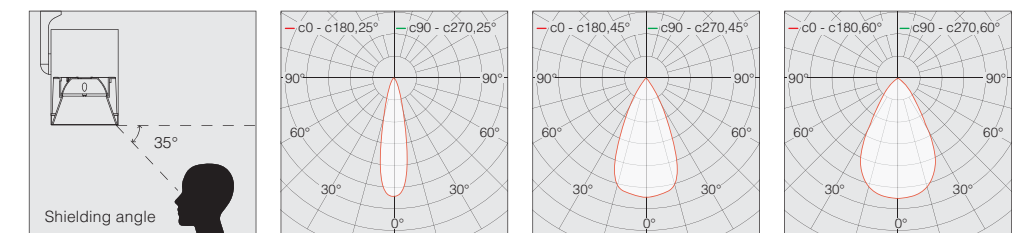
Dimensions: (mm)



Specifications

Order no.	Model	Power (W)	Ra(R9) typ	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	UGR	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1032-073410-0130	EVEREST SPOTS-R1-220V (White)	28	93(50)	3000	25°	2680	134	<18	12	10	585x235x255
1032-073400-0131			93(50)	4000	45°	2770	138	<18	12	10	585x235x255
1032-073410-0131			93(50)	3000	60°	2680	134	<18	12	10	585x235x255
1032-073400-0130			93(50)	4000	25°	2740	137	<19	12	10	585x235x255
1032-073410-0132			93(50)	3000	45°	3620	129	<19	12	10	585x235x255
1032-073400-0132			93(50)	4000	60°	3700	132	<19	12	10	585x235x255
1032-075810-0130	EVEREST SPOTS-R1-220V-D DALI (White)	28	93(50)	3000	25°	3580	128	<19	12	10	585x235x255
1032-075800-0130			93(50)	4000	45°	3660	131	<19	12	10	585x235x255
1032-075810-0131			93(50)	3000	60°	3580	128	<19	12	10	585x235x255
1032-075800-0131			93(50)	4000	25°	3660	131	<19	12	10	585x235x255
1032-075810-0132			93(50)	3000	45°	3620	129	<19	12	10	585x235x255
1032-075800-0132			93(50)	4000	60°	3660	131	<19	12	10	585x235x255

Photometrics



*Black version is available, please contact sales for more information.



- Housing: Aluminum extrusion powder-coated.
- Optical lens: Light-guiding panel.
- Input voltage: 220 - 240VAC 50/60Hz.
- Ta: -20~35°C.
- Lifetime: 50,000 hrs (L80, B20, Ta=25°C, 12hrs/day).
- Degree of protection class: IP20.
- Impact resistance: IK02.



Dimensions: (mm)



Specifications

Order no.	Model	Power (W)	Ra(R9) typ	Service life rating	Luminous flux(lm)	Total emergency luminous flux(lm)	Luminaire efficacy(lm/w)	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1032-090900-0130 (White)	EVEREST PURESIGN-L300-220V	3.5	83(00)	3h	60	5	22	12	10.5	620x455x270

*Black version is available, please contact sales for more information.

4 LINE TRACK ACCESSORIES TRUNK LIGHTING

Accessories (optional)

Order No.	Photo	Description
1097-000042-0130 1097-000043-0130 1097-000063-0130		XTS4100-2 4 line track square black 1m XTS4200-2 4 line track square black 2m XTS4300-2 4 line track square black 3m
1097-000064-0130 1097-000065-0130 1097-000067-0130		XTS4100-3 4 line track square white 1m XTS4200-3 4 line track square white 2m XTS4300-3 4 line track square white 3m
1097-000075-0130 1097-000045-0130		XTS11-2 4 line end feed black right XTS12-2 4 line end feed black left
1097-000070-0130 1097-000076-0130		XTS11-3 4 line end feed white right XTS12-3 4 line end feed white left
1097-000077-0130		XTS14-2 4 line middle connector black
1097-000078-0130		XTS14-3 4 line middle connector white
1097-000046-0130		XTS21-2 4 line straight connector black
1097-000079-0130		XTS21-3 4 line straight connector white
1097-000080-0130		XTS23-2 4 line flex corner connector black
1097-000081-0130		XTS23-3 4 line flex corner connector white
1097-000082-0130		XTS24-2 4 line adj corner connector black
1097-000039-0130		XTS24-3 4 line adjustable corner connector white
1097-000083-0130 1097-000085-0130		XTS34-2 4 line L-connector left black XTS35-2 4 line L-connector right black
1097-000084-0130 1097-000071-0130		XTS34-3 4 line L-connector left white XTS35-3 4 line L-connector right white

4 LINE TRACK ACCESSORIES TRUNK LIGHTING

Accessories (optional)

Order No.	Photo	Description
1097-000087-0130 1097-000089-0130 1097-000091-0130 1097-000093-0130		XTS36-3 4 line T-con right outside white XTS37-3 4 line T-con left inside white XTS39-3 4 line T-con left outside white XTS40-3 4 line T-con rihgt inside white
1097-000086-0130 1097-000088-0130 1097-000090-0130 1097-000092-0130		XTS36-2 4 line T-con right outside black XTS37-2 4 line T-con left inside black XTS39-2 4 line T-con left outside black XTS40-2 4 line T-con rihgt inside black
1097-000094-0130		XTS38-2 4 line X-connector black
1097-000095-0130		XTS38-3 4 line X-connector white
1097-000047-0130		XTS41-2 4 line endcap black
1097-000059-0130		XTS41-3 4 line endcap white
1097-000096-0130 1097-000097-0130 1097-000098-0130		SPW12SK-2/1,5M track clamp wire set black SPW12SK-2/3M 3m track clamp wire set black SPW12SK-2/5M 5m track clamp wire set black
1097-000099-0130 1097-000100-0130 1097-000101-0130		SPW12SK-3/1,5M track clamp wire set white SPW12SK-2/3M 3m track clamp wire set white SPW12SK-3/5M 5m track clamp wire set white
1097-000104-0130		SKB18-2 Suspension black
- 1097-000103-0130		SKB12-2 Clamp for Rod and wire black SKB12-3 Clamp for Rod and wire white

6 LINE TRACK ACCESSORIES TRUNK LIGHTING

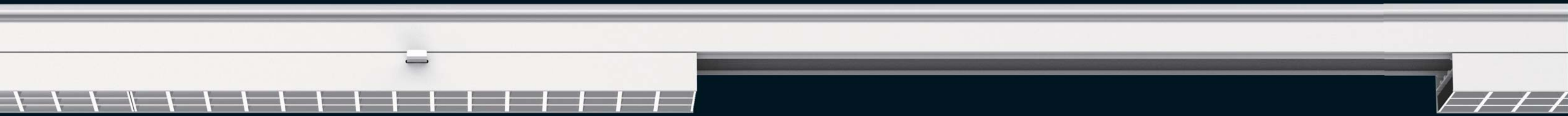
Accessories (optional)

Order No.	Photo	Description
1097-000111-0131 1097-000113-0130 1097-000115-0130		XTSC6100-2 6 line track square black 1m DALI XTSC6200-2 6 line track square black 2m DALI XTSC6300-2 6 line track square black 3m DALI
1097-000112-0130 1097-000114-0130 1097-000116-0130 1097-000116-0130		XTSC6100-3 6 line track square white 1m DALI XTSC6200-3 6 line track square white 2m DALI XTSC6300-3 6 line track square white 3m DALI XTSC6300-3 6 line track square white 3m DALI
1097-000117-0130 1097-000119-0130		XTSC611-2 6 line end feed black right DALI XTSC612-2 6 line end feed black left DALI
1097-000118-0130 1097-000120-0130		XTSC611-3 6 line end feed white right DALI XTSC612-3 6 line end feed white left DALI
1097-000121-0130		XTSNC614-2 6 line middle connector black DALI
1097-000122-0130		XTSNC614-3 6 line middle connector white DALI
1097-000123-0130		XTSC621-2 6 line straight connector black DALI
1097-000124-0130		XTSC621-3 6 line straight connector white DALI
1097-000125-0130		XTSC623-2 6 line flex corner connector black DALI
1097-000126-0130		XTSC623-3 6 line flex corner connector white DALI
1097-000127-0130 1097-000129-0130		XTSC634-2 6 line L-connector left black DALI XTSC635-2 6 line L-connector right black DALI
1097-000128-0130 1097-000130-0130		XTSC634-3 6 line L-connector left white DALI XTSC635-3 6 line L-connector right white DALI
1097-000131-0130 1097-000133-0130		XTSC636-2 6 line T-con right outside black DALI XTSC637-2 6 line T-con left inside black DALI

6 LINE TRACK ACCESSORIES TRUNK LIGHTING

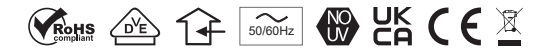
Accessories (optional)

Order No.	Photo	Description
1097-000132-0130 1097-000134-0130		XTSC636-3 6 line T-con right outside white DALI XTSC637-3 6 line T-con left inside white DALI
1097-000135-0130		XTSC639-2 6 line T-con left outside black DALI
1097-000136-0130		XTSC639-3 6 line T-con left outside white DALI
1097-000138-0130		XTSC640-3 6 line T-con rihgt inside white DALI
1097-000138-0130		XTSC640-3 6 line T-con rihgt inside white DALI
1097-000139-0130		XTSC638-2 6 line X-connector black DALI
1097-000140-0130		XTSC638-3 6 line X-connector white DALI

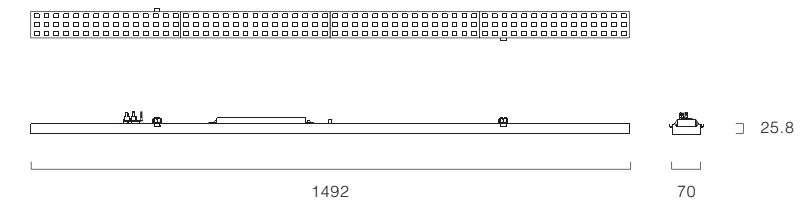




- Housing: Aluminum extrusion powder-coated.
- Optical reflector: Plastic injection vacuum plated.
- LED parts: SMD LEDs, unreplaceable.
- Chromaticity tolerance (initial MacAdam): 3 SDCM.
- Power supply: High efficiency up to 0.93.
- Input voltage: 220 - 240VAC 50/60Hz.
- Ta: -20~35°C.
- Lifetime: 50,000 hrs (L80, B20, Ta=25°C, 12hrs/day).
- Degree of protection class: IP20.
- Impact resistance: IK05.



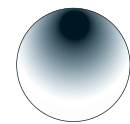
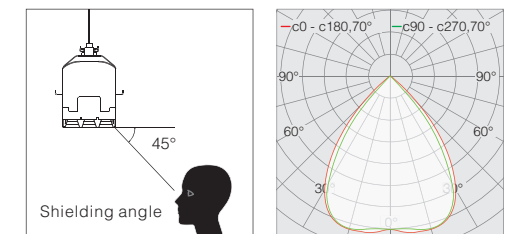
Dimensions: (mm)



Specifications

Order no.	Model	Power (W)	Ra(R9) typ	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	UGR	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1032-050910-0130	TRUNK TALY-L180-220V	30	83(00)	3000	70°	4890	163	<17	6	11.1	1555x330x150
1032-050900-0130			83(00)	4000		5130	171				1555x330x150

Photometrics



Premium dark light

*Black version is available, please contact sales for more information.

TRUNK SPOTS TRUNK LIGHTING



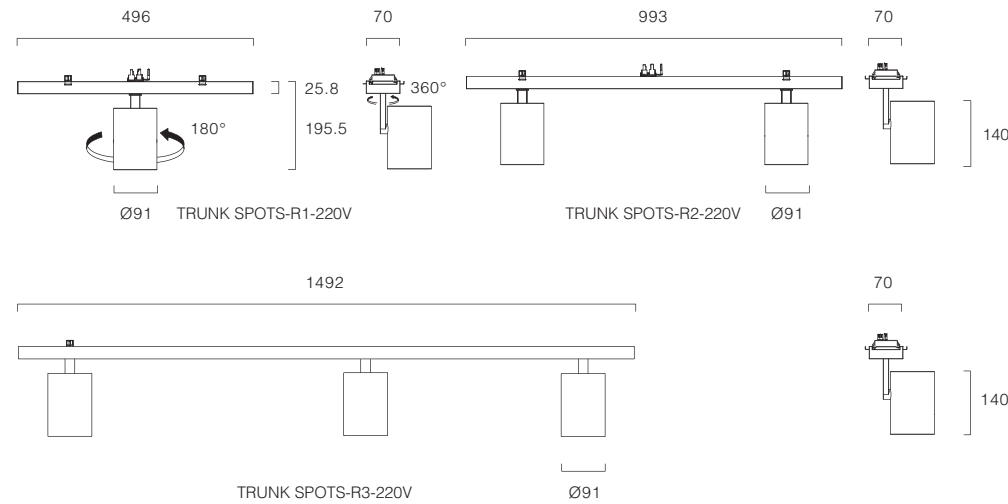
Dark light



- Housing: Die-cast aluminium powder-coated.
- Optical reflector: Aluminum spinning vacuum plated.
- LED parts: COB LED, unreplaceable.
- Chromaticity tolerance (initial MacAdam): 3 SDCM.
- Input voltage: 220 - 240VAC 50/60Hz.
- Ta: -20~35°C.
- Lifetime: 50,000 hrs (L80, B20, Ta=25°C, 12hrs/day).
- Degree of protection class: IP20.
- Impact resistance: IK02.



Dimensions: (mm)

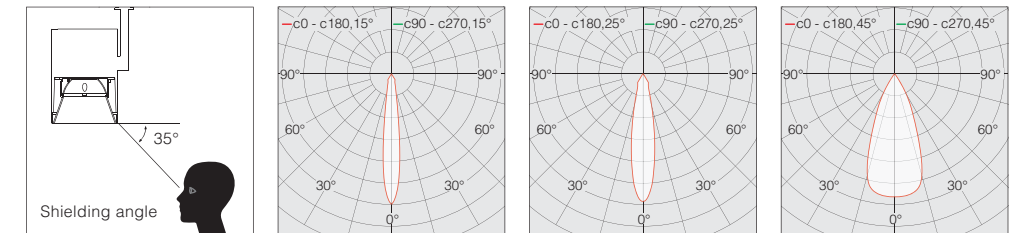


Specifications

Order no.	Model	Power (W)	Ra (R9) typ	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	UGR	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1032-037510-0130	TRUNK SPOTS-R1-220V	30	83(00)	3000	25°	3660	122	-	6	8.5	535x335x310
1032-037500-0131			83(00)	4000		3810	127	-	6	8.5	535x335x310
1032-037510-0132			83(00)	3000	45°	3660	122	<19	6	8.5	535x335x310
1032-037500-0132			83(00)	4000		3810	127	-	6	8.5	535x335x310
1032-037510-0133			83(00)	3000	60°	3660	122	-	6	8.5	535x335x310
1032-037500-0133			83(00)	4000		3810	127	-	6	8.5	535x335x310
1032-051210-0131	TRUNK SPOTS-R2-220V	60	83(00)	3000	25°	7320	122	-	-	-	-
1032-051200-0131			83(00)	4000		7620	127	-	-	-	-
1032-051210-0132			83(00)	3000	45°	7320	122	<19	-	-	-
1032-051200-0132			83(00)	4000		7620	127	-	-	-	-
1032-051210-0133			83(00)	3000	60°	7320	122	-	-	-	-
1032-051200-0133			83(00)	4000		7620	127	-	-	-	-
1032-097710-0130	TRUNK SPOTS-R3-220V	90	83(00)	3000	25°	10980	122	-	-	-	-
1032-097700-0130			83(00)	4000		11430	127	-	-	-	-
1032-097710-0131			83(00)	3000	45°	10980	122	<19	-	-	-
1032-097700-0131			83(00)	4000		11430	127	-	-	-	-
1032-097710-0132			83(00)	3000	60°	10980	122	-	-	-	-
1032-097700-0132			83(00)	4000		11430	127	-	-	-	-

*Black version is available, please contact sales for more information.

Photometrics(reference)



Accessories (optional)

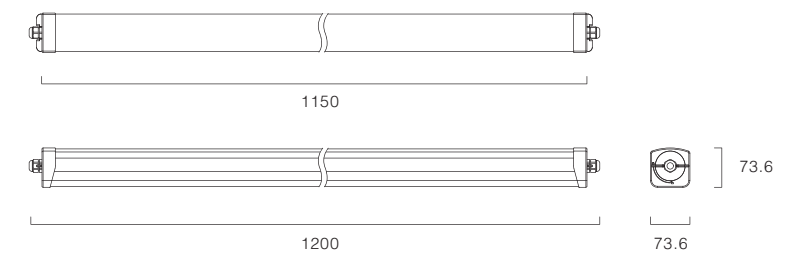
Order No.	Photo	Description	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1063-000094-0130		TRUNK 5L-0001LVT 5 polex2.5 mm2 line 1494mm Connecting accessory (1PCS) x 1	-	-	-
1063-000084-0130		TRUNK 7L-0001LVT 7 polex2.5 mm2 line 1494mm Connecting accessory (1PCS) x 1	-	-	-
1063-400103-0130		TRUNK 5L-0002LVT 5 polex2.5 mm2 line 2988mm Connecting accessory (1PCS) x 1	-	-	-
1063-400099-0130		TRUNK 7L-0002LVT 7 polex2.5 mm2 line 2988mm Connecting accessory (1PCS) x 1	-	-	-
1063-400140-0131		TRUNK-0403EC Blind Cover, 1992mm x1	-	-	-
1063-400106-0130		TRUNK-0402EC Blind Cover, 1492mm x1	-	-	-
		TRUNK rubber and end cap(1 set =1PCS and 1PCS) x 1	-	-	-
		Mounting Bracket (1PCS, 1 set needs 2 PCS) x 1	-	-	-
		Permanent suspension wire mounting bracket expansion screws (5000mm) x 1	-	-	-
		Input plug x 1	-	-	-



- Housing: Extrusion aluminum spray paint.
- Optical cover: Extrusion plastic.
- LED parts: High efficacy chips, non-replaceable.
- Chromaticity tolerance (initial MacAdam): 3 SDCM.
- Power supply: High efficiency up to 0.92 with flyback topology, double insulation safety protection and SELV output.
- Input voltage: 220 - 240VAC 50/60Hz.
- Ta: -30~40°C.
- Lifetime: 50,000 hrs (L80, B20, Ta=25°C, 12hrs/day).
- Degree of protection class: IP65.
- Impact resistance: IK07.
- N.W. : g.



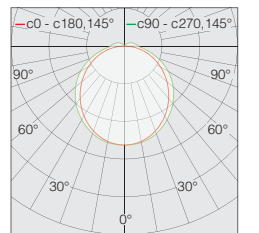
Dimensions: (mm)



Specifications

Order no.	Model	Power (W)	Ra(R9) typ	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	UGR	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1032-099710-0130	TRUNKTINA3 MO-L1200-220V	30	83(00)	3000	145°	4620	154	<24	6	10.5	1230x265x170
1032-099700-0130			83(00)	4000		4950	165				
1032-099910-0130	TRUNKTINA3 HO-L1200-220V	52	83(00)	3000	145°	7700	148	<26	6	10.5	1230x265x170
1032-099900-0130			83(00)	4000		8270	159				
1032-099810-0130	TRUNKTINA3 MO-L1200-220V-D	30	83(00)	3000	145°	4620	154	<24	6	10.5	1230x265x170
1032-099800-0130			83(00)	4000		4950	165				
1032-100010-0130	TRUNKTINA3 HO-L1200-220V-D	52	83(00)	3000	145°	7700	148	<26	6	10.5	1230x265x170
1032-100000-0130			83(00)	4000		8270	159				

Photometrics



Accessories (optional)

Order No.	Photo	Description	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
-		Mounting Bracket(1PCS, 1 set needs 2 PCS) x 1	-	-	-



Flexible lighting

RECESSED LIGHTING



Ceiling lighting

161

Recessed lighting



ERIS
167



ATLA
171



ERIS2
175



ATICA
179



NAKA MUTA2
183



NAKA SQUARE
187

Ceiling lighting

191

Recessed lighting



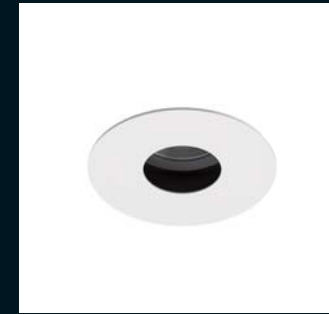
PARK
191



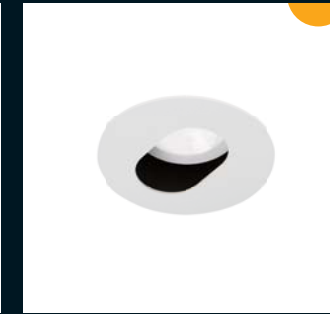
TAKE
193



TARY
195



HRITE
197



HEEN
199



POTEN
201

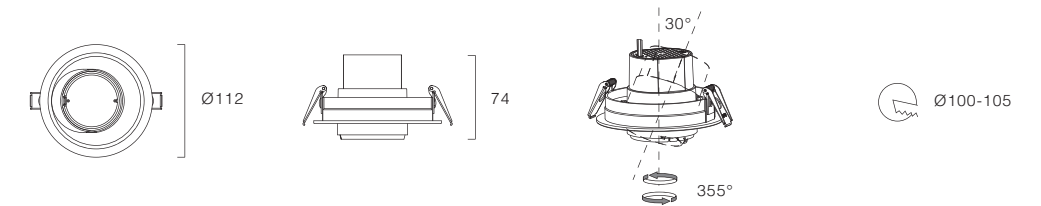




- Housing: Die-cast aluminium powder-coated,
- Optical lens: Plastic injection.
- LED parts: COB LED, replaceable.
- Chromaticity tolerance (initial MacAdam): 3 SDCM.
- Input current: 700mA.
- Ta: -20~35°C.
- Lifetime: 50,000 hrs (L80, B20, Ta = 25°C, 12 hrs/day).
- Degree of protection: IP20.
- Impact resistance: IK02.
- N.W. : 400 g.



Dimensions: (mm)



Specifications

Order no.	Model	Power (W)	Ra (R9) typ	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	UGR	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1030-501005-0134			93(50)	3000	15°	680	85	<17	24	11	570x450x235
1030-501005-0135			93(50)	4000	15°	760	95	<17	24	11	570x450x235
1030-501005-0133			93(50)	3000	25°	680	85	<17	24	11	570x450x235
1030-501005-0130			93(50)	4000	25°	760	95	<17	24	11	570x450x235
1030-501005-0136			93(50)	3000	45°	670	84	<17	24	11	570x450x235
1030-501005-0137			93(50)	4000	45°	740	93	<17	24	11	570x450x235
1032-014800-0130			93(50)	3000	60°	640	80	<17	24	11	570x450x235
1032-014800-0131			93(50)	4000	60°	710	89	<17	24	11	570x450x235
1032-014500-0130			93(50)	3000	15°x60°	640	80	<17	24	11	570x450x235
1032-014500-0131			93(50)	4000	15°x60°	710	89	<17	24	11	570x450x235
1032-014800-0134	ERIS-R1-700	8(11.5V)	93(50)	3000	30°x80°	680	85	<17	24	11	570x450x235
1032-014800-0135	(White)		93(50)	4000	30°x80°	760	95	<17	24	11	570x450x235
1032-014800-0136			93(50)	3000	15°x35°	600	75	<17	24	11	570x450x235
1032-014800-0137			93(50)	4000	15°x35°	660	83	<17	24	11	570x450x235
1032-014800-0138			93(50)	3000	25°x25°	600	75	<17	24	11	570x450x235
1032-014800-0139			93(50)	4000	25°x25°	660	83	<17	24	11	570x450x235
1032-014801-0130			93(50)	3000	35°	600	75	<17	24	11	570x450x235
1032-014801-0131			93(50)	4000	35°	660	83	<17	24	11	570x450x235
1032-014801-0132			93(50)	3000	40°x40°	590	74	<17	24	11	570x450x235
1032-014801-0133			93(50)	4000	40°x40°	650	81	<17	24	11	570x450x235
1032-014801-0134			93(50)	3000	25°x35°	590	74	<17	24	11	570x450x235
1032-014801-0135			93(50)	4000	25°x35°	650	81	<17	24	11	570x450x235

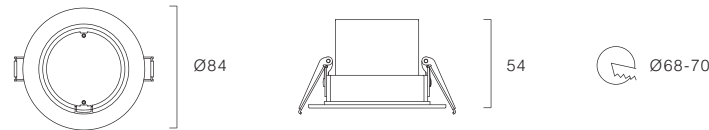




- Housing: Die-cast aluminium powder-coated.
- Optical lens: Plastic injection.
- LED parts: COB LED, replaceable.
- Chromaticity tolerance (initial MacAdam): 3 SDCM.
- Input current: 700mA.
- Ta: -20~35°C.
- Lifetime: 50,000 hrs (L80, B20, Ta = 25°C, 12 hrs/day).
- Degree of protection: IP20.
- Impact resistance: IK02.
- N.W.: 250 g.



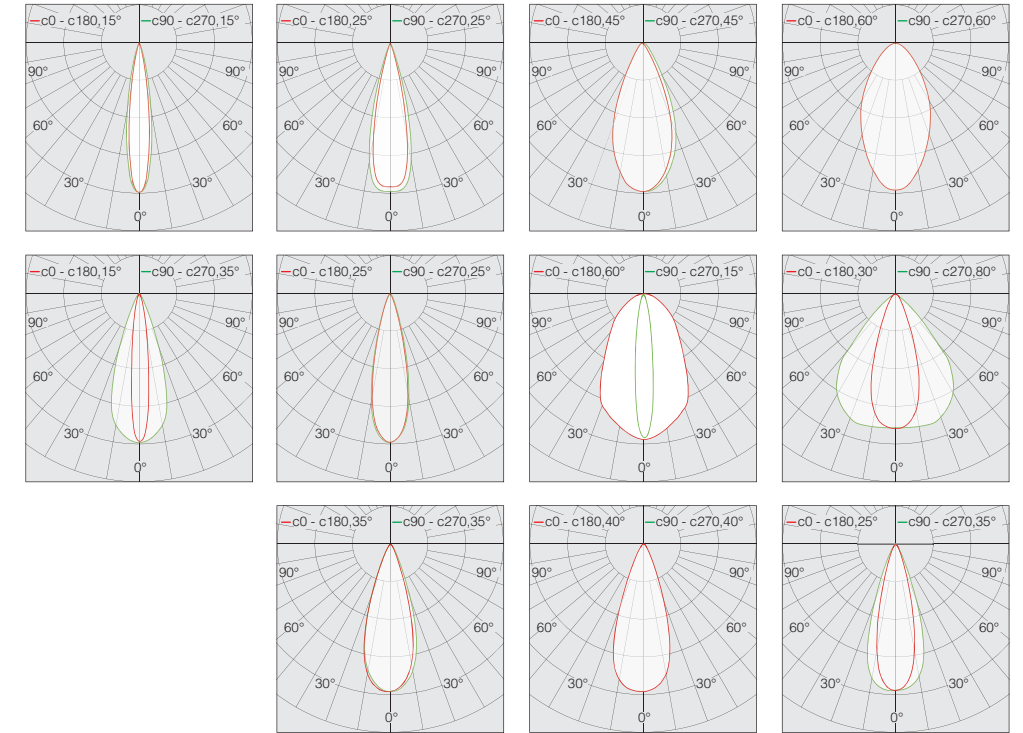
Dimensions: (mm)



Specifications

Order no.	Model	Power (W)	Ra(R9) typ	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	UGR	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1032-014710-0130			93(50)	3000	15°	680	85	<17	24	6.5	570x450x235
1032-014702-0130			93(50)	4000		760	95		24	6.5	570x450x235
1032-014710-0131			93(50)	3000		680	85		24	6.5	570x450x235
1032-014702-0131			93(50)	4000	25°	760	95	<17	24	6.5	570x450x235
1032-014710-0132			93(50)	3000		670	84		24	6.5	570x450x235
1032-014702-0132			93(50)	4000	45°	740	93	<17	24	6.5	570x450x235
1032-014710-0133			93(50)	3000		640	80		24	6.5	570x450x235
1032-014702-0133			93(50)	4000	60°	710	89	<17	24	6.5	570x450x235
1032-014710-0134			93(50)	3000		640	80		24	6.5	570x450x235
1032-014702-0134			93(50)	4000	15°x60°	710	89	<17	24	6.5	570x450x235
1030-301037-0132	ATLA-R1-700	8(11.5V)	93(50)	3000		680	85		24	6.5	570x450x235
1030-301037-0131	(Silver)		93(50)	4000	30°x80°	760	95	<17	24	6.5	570x450x235
1032-014710-0135			93(50)	3000		600	75		24	6.5	570x450x235
1032-014702-0135			93(50)	4000	15°x35°	660	83	<17	24	6.5	570x450x235
1032-014710-0136			93(50)	3000		600	75		24	6.5	570x450x235
1032-014702-0136			93(50)	4000	25°x25°	660	83	<17	24	6.5	570x450x235
1032-014710-0137			93(50)	3000		600	75		24	6.5	570x450x235
1032-014702-0137			93(50)	4000	35°	660	83	<17	24	6.5	570x450x235
1032-014710-0138			93(50)	3000		590	74		24	6.5	570x450x235
1032-014702-0138			93(50)	4000	40°x40°	650	81	<17	24	6.5	570x450x235
1032-014710-0139			93(50)	3000		590	74		24	6.5	570x450x235
1032-014702-0139			93(50)	4000	25°x35°	650	81	<17	24	6.5	570x450x235

Photometrics



Accessories (optional)

Order No.	Photo	Description	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1001-960131-0131		Model: SLT35-1000IL-UN Matching driver, max. 10W. Input: 110-277VAC Output: 700mA 200mm cable +plug.	50	9.7	335x275x225

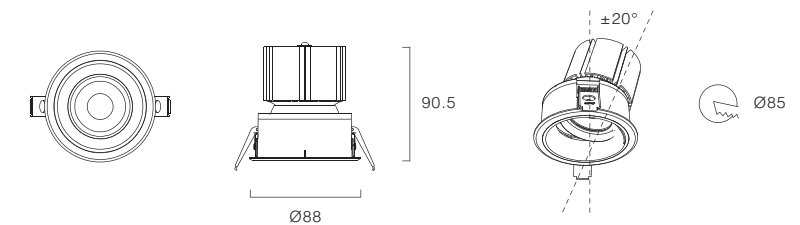




- Housing: Die-cast aluminium powder-coated.
- Optical lens: Plastic injection.
- LED parts: COB LED, replaceable.
- Chromaticity tolerance (initial MacAdam): 3 SDCM.
- Input current: 600mA.
- Ta: -20~35°C.
- Lifetime: 50,000 hrs (L80, B20, Ta = 25°C, 12 hrs/day).
- Degree of protection: IP20.
- Impact resistance: IK02.
- N.W. : 400 g.



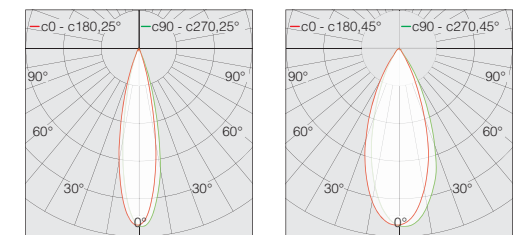
Dimensions: (mm)



Specifications

Order no.	Model	Power (W)	Ra(R9) typ	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	UGR	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1032-073710-0131	ERIS2-R1-600 (White)	21.5 (35.8V)	90(50)	3000	25°	2040	95	<22	27	9.6	415x365x370
1032-073700-0137			90(50)	4000	45°	2160	100	<24	27	9.6	415x365x370
1032-073710-0133			90(50)	3000	25°	2089	97	<24	27	9.6	415x365x370
1032-073700-0133			90(50)	4000	45°	2208	103	<24	27	9.6	415x365x370
1032-073710-0130	ERIS2-R1-600 (Black)	21.5 (35.8V)	90(50)	3000	25°	2040	95	<22	27	9.6	415x365x370
1032-073700-0130			90(50)	4000	45°	2160	100	<24	27	9.6	415x365x370
1032-073710-0132			90(50)	3000	25°	2089	97	<24	27	9.6	415x365x370
1032-073700-0132			90(50)	4000	45°	2208	103	<24	27	9.6	415x365x370

Photometrics



Accessories (optional)

Order No.	Photo	Description	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
-		Model: SLT35-1000IL-UN Matching driver, max. 35W. Input: 110-277VAC Output: 600mA 200mm cable +plug.	-	-	-



*You will find the corresponding 600mA LED power supply from page xxx.

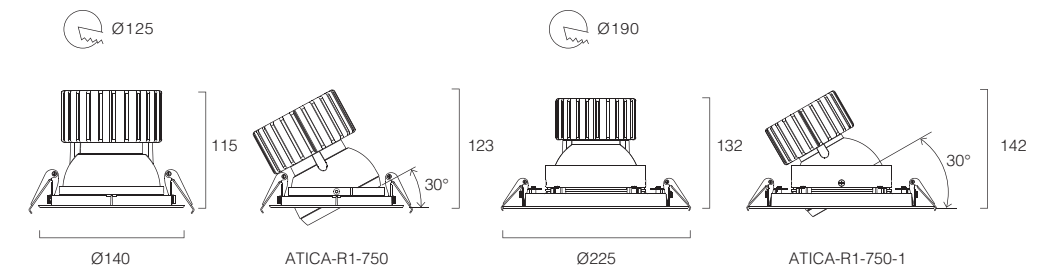




- Housing: Die-cast aluminium powder-coated.
- Optical reflector: Aluminum spinning vacuum plated.
- LED parts: COB LED, replaceable.
- Chromaticity tolerance (initial MacAdam): 3 SDCM.
- Input: DC36V, Max. 750mA.
- Ta: -20~35°C.
- Lifetime: 50,000 hrs (L80, B20, Ta = 25°C, 12 hrs/day).
- Degree of protection: IP20.
- Impact resistance: IK02.
- N.W.: 250 g.



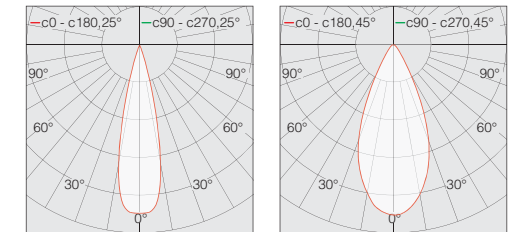
Dimensions: (mm)



Specifications

Order no.	Model	Power (W)	Ra(R9) typ	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	UGR	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1032-097810-0130	ATICA-R1-750	Max.28	93(50)	3000	25°	3948	141	<20	-	-	-
1032-097810-0131					45°						
1032-088210-0131	ATICA-R1-750-1	Max.28	93(50)	3000	25°	3948	141	<20	-	-	-
1032-088210-0132					45°						

Photometrics



Accessories (optional)

Order No.	Photo	Description	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
-		Model: SLT35-1000IL-UN Matching driver, max. 35W. Input: 110-277VAC Output: 750mA 200mm cable +plug. (Included)	-	-	-

NAKA MUTA2 RECESSED LIGHTING

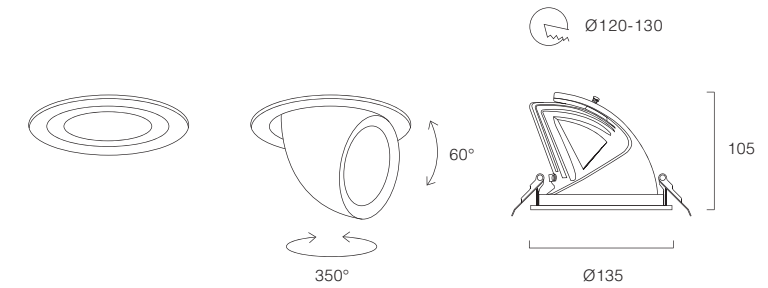




- Housing: Die-cast aluminium powder-coated.
- Optical reflector: Aluminum spinning vacuum plated.
- LED parts: COB LED, replaceable.
- Chromaticity tolerance (initial MacAdam): 3 SDCM.
- Input: DC36V, Max. 750mA.
- Ta: -20~35°C.
- Lifetime: 50,000 hrs (L80, B20, Ta = 25°C, 12 hrs/day).
- Degree of protection: IP20.
- Impact resistance: IK02.



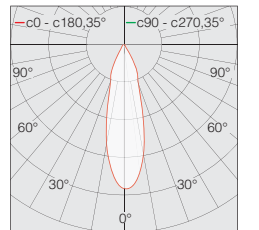
Dimensions: (mm)



Specifications

Order no.	Model	Power (W)	Ra (R9) typ	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	UGR	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1032-088110-0130	NAKA MUTA2-R1-750	25	93(50)	3000	35°	3450	136	-	12	7.6	525x350x265
1082-065400-0132	(White)		93(50)	4000		3520	139				

Photometrics



Accessories (optional)

Order No.	Photo	Description	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
-		Model: SLT35-1000IL-UN Matching driver, max. 35W. Input: 110-277VAC Output: 750mA 200mm cable +plug. (Included)	-	-	-



NAKA SQUARE RECESSED LIGHTING



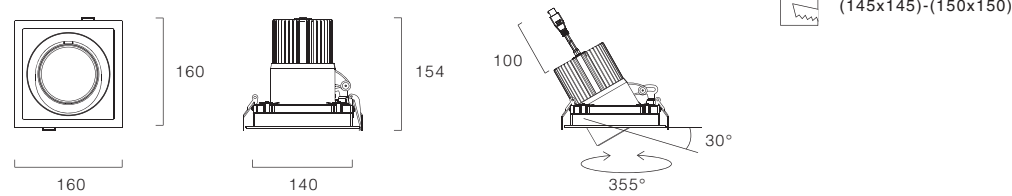
NAKA SQUARE RECESSED LIGHTING



- Housing: Die-cast aluminium powder-coated.
- Optical lens: Plastic injection.
- Optical cover: Glass.
- LED parts: COB LED, replaceable.
- Chromaticity tolerance (initial MacAdam): 3 SDCM.
- Input current: 700mA.
- Ta: -20~35°C.
- Lifetime: 50,000 hrs (L80, B20, Ta = 25°C, 12 hrs/day).
- Degree of protection: IP20.
- Impact resistance: IK02.
- N.W. : 810 g.



Dimensions: (mm)



Specifications

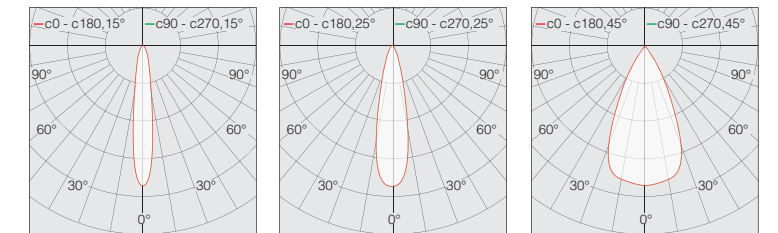
Order no.	Model	Power (W)	Ra(R9) typ	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	UGR	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1080-201156-0130			83(00)	3000		2700	96		4	6.6	475x385x200
1080-201118-0136			83(00)	3500		2800	100		4	6.6	475x385x200
1080-201010-0130			83(00)	4000	15°	2900	104	<17	4	6.6	475x385x200
1080-201157-0130			93(50)	CRISP White		2100	75		4	6.6	475x385x200
1030-201138-0131			97(90)	3000		2500	89		4	6.6	475x385x200
1030-201038-0130			97(90)	4000		2500	89		4	6.6	475x385x200
1080-201156-0131			83(00)	3000		2700	96		4	6.6	475x385x200
1080-201138-0130			83(00)	3500		2800	100		4	6.6	475x385x200
1080-201010-0131	NAKA SQUARE-S1-800	28	83(00)	4000	25°	2900	104	<17	4	6.6	475x385x200
1080-201157-0131	(White)	(36V)	93(50)	CRISP White		2100	75		4	6.6	475x385x200
1030-201138-0132			97(90)	3000		2500	89		4	6.6	475x385x200
1030-201038-0131			97(90)	4000		2500	89		4	6.6	475x385x200
1080-201156-0132			83(00)	3000		2700	96		4	6.6	475x385x200
1080-201110-0132			83(00)	3500		2800	100		4	6.6	475x385x200
1080-201010-0132			83(00)	4000	45°	2900	104	<18	4	6.6	475x385x200
1080-201157-0132			93(50)	CRISP White		2100	75		4	6.6	475x385x200
1030-201138-0133			97(90)	3000		2500	89		4	6.6	475x385x200
1030-201038-0132			97(90)	4000		2500	89		4	6.6	475x385x200

NAKA SQUARE RECESSED LIGHTING

Specifications

Order no.	Model	Power (W)	Ra(R9) typ	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	UGR	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1080-201156-0133			83(00)	3000		2700	96		4	6.6	475x385x200
1080-201110-0133			83(00)	3500		2800	100		4	6.6	475x385x200
1080-201010-0133			83(00)	4000	15°	2900	104	<17	4	6.6	475x385x200
1080-201157-0133			93(50)	CRISP White		2100	75		4	6.6	475x385x200
1030-201138-0134			97(90)	3000		2500	89		4	6.6	475x385x200
1030-201038-0133			97(90)	4000		2500	89		4	6.6	475x385x200
1080-201156-0134			83(00)	3000		2700	96		4	6.6	475x385x200
1080-201110-0134			83(00)	3500		2800	100		4	6.6	475x385x200
1080-201010-0134	NAKA SQUARE-S1-800	28	83(00)	4000	25°	2900	104	<17	4	6.6	475x385x200
1080-201157-0134	(Black)	(36V)	93(50)	CRISP White		2100	75		4	6.6	475x385x200
1030-201138-0135			97(90)	3000		2500	89		4	6.6	475x385x200
1030-201038-0134			97(90)	4000		2500	89		4	6.6	475x385x200
1080-201156-0135			83(00)	3000		2700	96		4	6.6	475x385x200
1080-201110-0135			83(00)	3500		2800	100		4	6.6	475x385x200
1080-201010-0135			83(00)	4000	45°	2900	104	<18	4	6.6	475x385x200
1080-201157-0135			93(50)	CRISP White		2100	75		4	6.6	475x385x200
1030-201138-0136			97(90)	3000		2500	89		4	6.6	475x385x200
1030-201038-0135			97(90)	4000		2500	89		4	6.6	475x385x200

Photometrics

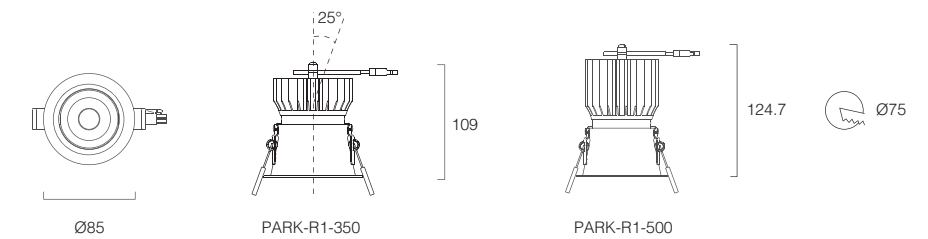




- Housing: Die-cast aluminium powder-coated.
- Optical lens: Plastic injection.
- LED parts: COB LED, replaceable.
- Chromaticity tolerance (initial MacAdam): 3 SDCM.
- Input current: 350/500/600mA.
- Ta: -20~35°C.
- Lifetime: 50,000 hrs (L80, B20, Ta = 25°C, 12 hrs/day).
- Degree of protection: IP20.
- Impact resistance: IK02.
- N.W.: 250 g.



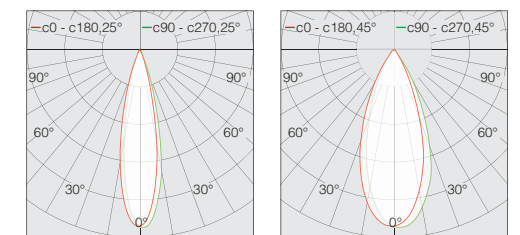
Dimensions: (mm)



Specifications

Order no.	Model	Power (W)	Ra (R9) typ	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	UGR	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
-	PARK-R1-150	5.4	93(50)	3000	25°	570	106	<18	30	10.8	650x370x370
-	PARK-R1-240	8.5	93(50)	3000	25°	858	101	<18	30	10.8	650x370x370
-	PARK-R1-350	-	93(50)	4000	25°	588	109	<18	30	10.8	650x370x370
-	PARK-R1-500	-	93(50)	4000	25°	885	104	<18	30	10.8	650x370x370

Photometrics



Accessories (optional)

Order No.	Photo	Description	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
-		Model: SLT20-500IL-UN Matching driver, max. 20W. Input: 110-277VAC Output: 150/240mA 200mm cable +plug.	-	-	-

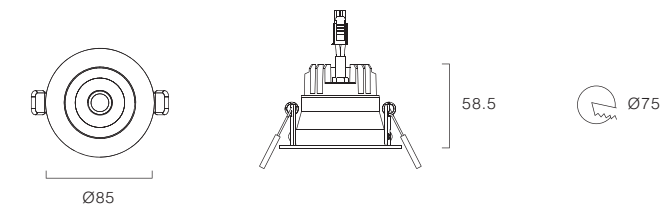




- Housing: Die-cast aluminium powder-coated.
- Optical lens: Plastic injection.
- LED parts: COB LED, replaceable.
- Chromaticity tolerance (initial MacAdam): 3 SDCM.
- Input current: 700mA.
- Ta: -20~35°C.
- Lifetime: 50,000 hrs (L80, B20, Ta = 25°C, 12 hrs/day).
- Degree of protection: IP20.
- Impact resistance: IK02.
- N.W.: 250 g.



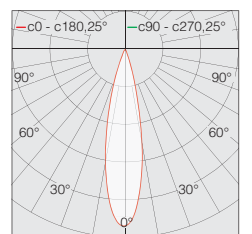
Dimensions: (mm)



Specifications

Order no.	Model	Power (W)	Ra (R9) typ	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	UGR	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
-	TAKE-R1-150	5.4	93(50)	3000	25°	430	80	<14	30	10.6	570x310x305
-	TAKE-R1-150	5.4	93(50)	4000	25°	570	106	<14	30	10.6	570x310x305
-	TAKE-R1-240	8.5	93(50)	3000	25°	640	75	<16	30	12.7	650x370x370
-	TAKE-R1-240	8.5	93(50)	4000	25°	850	100	<16	30	12.7	650x370x370

Photometrics



Accessories (optional)

Order No.	Photo	Description	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
-		Model: SLT20-500IL-UN Matching driver, max. 20W. Input: 110-277VAC Output: 150/240mA 200mm cable +plug.	-	-	-

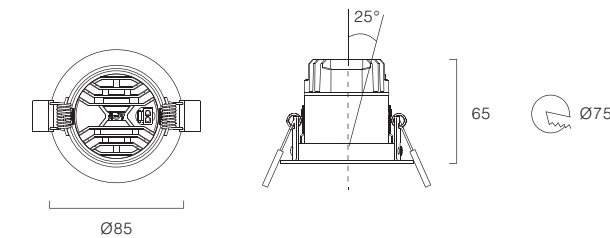




- Housing: Die-cast aluminium powder-coated.
- Optical lens: Plastic injection.
- LED parts: COB LED, replaceable.
- Chromaticity tolerance (initial MacAdam): 3 SDCM.
- Input current: 700mA.
- Ta: -20~35°C.
- Lifetime: 50,000 hrs (L80, B20, Ta = 25°C, 12 hrs/day).
- Degree of protection: IP20.
- Impact resistance: IK02.
- N.W.: 250 g.



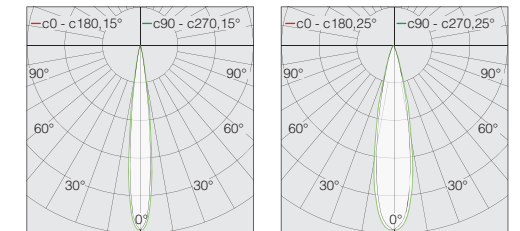
Dimensions: (mm)



Specifications

Order no.	Model	Power (W)	Ra (R9) typ	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	UGR	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
-	TARY-R1-240	8.5	93(50)	3000	15°	480	56	<16	20	12	675x300x255
-			93(50)	4000		520	61		20	12	675x300x255
-			93(50)	3000	25°	480	56	<16	20	12	675x300x255
-			93(50)	4000		520	61		20	12	675x300x255

Photometrics



Accessories (optional)

Order No.	Photo	Description	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
-		Model: SLT20-500IL-UN Matching driver, max. 20W. Input: 110-277VAC Output: 240mA 200mm cable +plug.	-	-	-

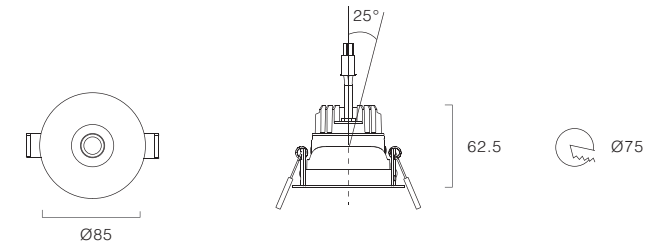




- Housing: Die-cast aluminium powder-coated.
- Optical lens: Plastic injection.
- LED parts: COB LED, replaceable.
- Chromaticity tolerance (initial MacAdam): 3 SDCM.
- Input current: 700mA.
- Ta: -20~35°C.
- Lifetime: 50,000 hrs (L80, B20, Ta = 25°C, 12 hrs/day).
- Degree of protection: IP20.
- Impact resistance: IK02.
- N.W.: 250 g.



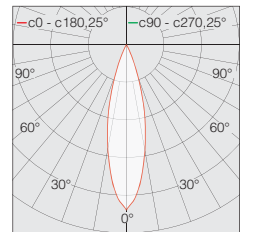
Dimensions: (mm)



Specifications

Order no.	Model	Power (W)	Ra (R9) typ	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	UGR	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
-	HRITE-R1-150	5.4	93(50)	3000	25°	340	63	<11	30	9.5	650x370x370
-			93(50)	4000		440	81				
-	HRITE-R1-240	8.5	93(50)	3000	25°	530	62	<13	30	9.3	650x370x370
-			93(50)	4000		700	82				

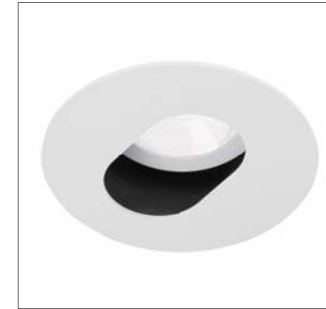
Photometrics



Accessories (optional)

Order No.	Photo	Description	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
-		Model: SLT20-500IL-UN Matching driver, max. 20W. Input: 110-277VAC Output: 150/240mA 200mm cable +plug.	-	-	-

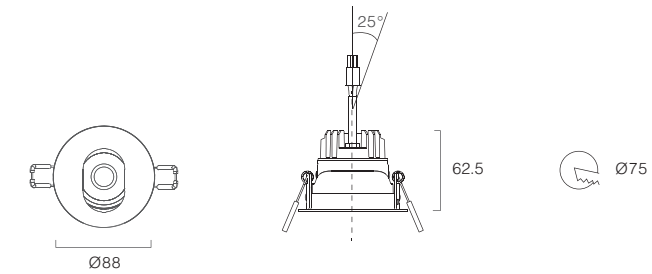




- Housing: Die-cast aluminium powder-coated.
- Optical lens: Plastic injection.
- LED parts: COB LED, replaceable.
- Chromaticity tolerance (initial MacAdam): 3 SDCM.
- Input current: 700mA.
- Ta: -20~35°C.
- Lifetime: 50,000 hrs (L80, B20, Ta = 25°C, 12 hrs/day).
- Degree of protection: IP20.
- Impact resistance: IK02.
- N.W.: 250 g.



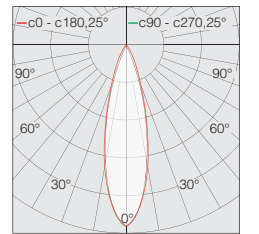
Dimensions: (mm)



Specifications

Order no.	Model	Power (W)	Ra (R9) typ	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	UGR	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
-	HEEN-R1-150	5.4	93(50)	3000	25°	400	74	<15	30	12	650x370x370
-			93(50)	4000		530	98				
-	HEEN-R1-240	8.5	93(50)	3000	25°	620	73	<16	30	12	650x370x370
-			93(50)	4000		820	96				

Photometrics



Accessories (optional)

Order No.	Photo	Description	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
-		Model: SLT20-500IL-UN Matching driver, max. 20W. Input: 110-277VAC Output: 150/240mA 200mm cable +plug.	-	-	-

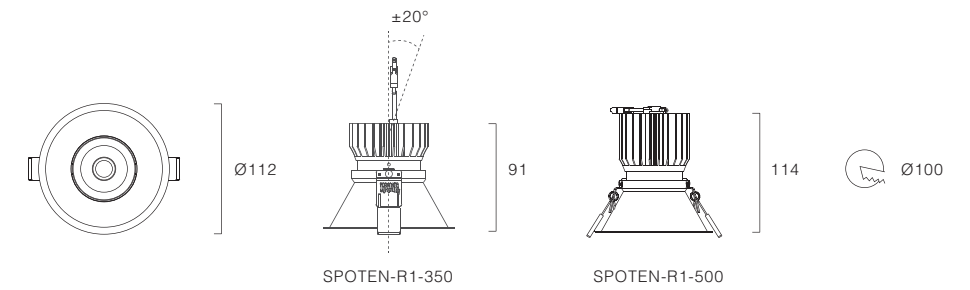




- Housing: Die-cast aluminium powder-coated.
- Optical lens: Plastic injection.
- LED parts: COB LED, replaceable.
- Chromaticity tolerance (initial MacAdam): 3 SDCM.
- Input current: 700mA.
- Ta: -20~35°C.
- Lifetime: 50,000 hrs (L80, B20, Ta = 25°C, 12 hrs/day).
- Degree of protection: IP20.
- Impact resistance: IK02.
- N.W.: 250 g.



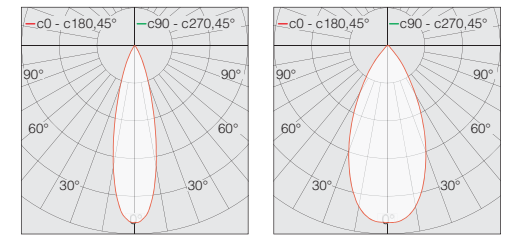
Dimensions: (mm)



Specifications

Order no.	Model	Power (W)	Ra (R9) typ	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	UGR	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
-	POTEN-R1-350	12.5	93(50)	3000	45°	1190	95	<20	24	11.4	630x380x385
-			93(50)	4000		1230	98				
-	POTEN-R1-500	18	93(50)	3000	45°	1710	95	<24	12	9	560x280x255
-			93(50)	4000		1760	98				

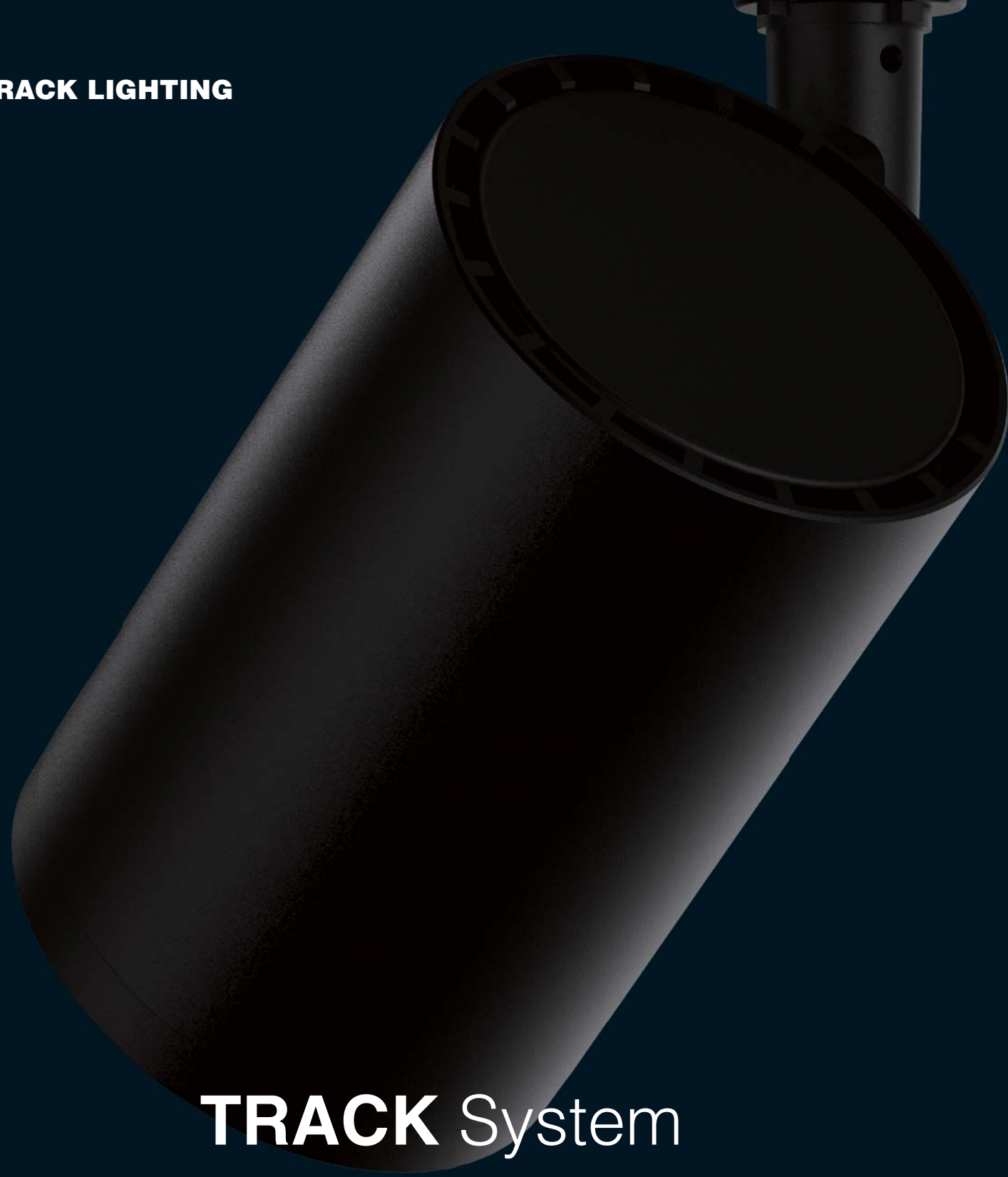
Photometrics



Accessories (optional)

Order No.	Photo	Description	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
-		Model: SLT35-1000IL-UN Matching driver, max. 35W. Input: 110-277VAC Output: 350/500mA 200mm cable +plug.	-	-	-





TRACK System



Ceiling lighting

203

Track lighting



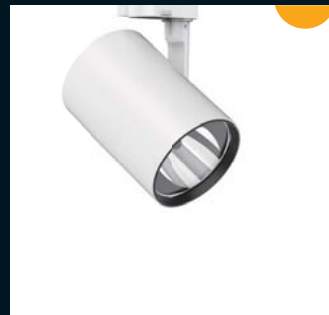
TELEP
209



TELEP2
213



TRACK SINGLE2-R
217



TRACK SINGLE2-L
222



SPOCK
227



TRACK PENDANT
234

Ceiling lighting

239

Track lighting



TRACK WASH
239



TELEP TRACK LIGHTING

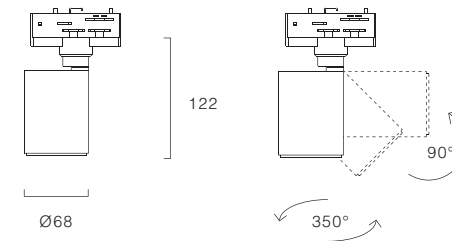




- Housing: Aluminum extrusion powder-coated.
- Optical lens: Plastic injection.
- Optical reflector: Aluminum spinning vacuum plated.
- LED parts: COB LED, unreplaceable.
- Chromaticity tolerance (initial MacAdam): 3 SDCM.
- Power supply: High efficiency up to 0.9 with flyback topology, double insulation safety protect and SELV output.
- Adapter: 3-phase universal adapter
- Input Voltage: 220 - 240VAC 50/60Hz.
- Lifetime: 50,000 hrs (L80, B20, Ta = 25°C, 12 hrs/day).
- Ta: -20~35°C.
- Degree of Protection: IP20.
- Impact resistance: IK02.
- N.W. : 350 g.



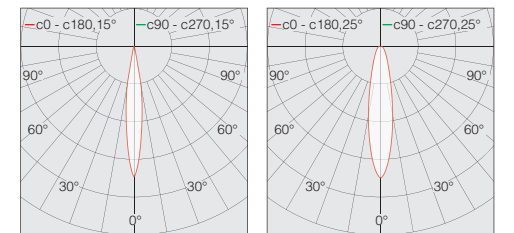
Dimensions: (mm)



Specifications

Order no.	Model	Power (W)	Ra(R9) typ	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	UGR	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1030-201168-0133	TELEP-R1-220V (White)	10	97(90)	3000	20°	730	73	<17	18	8.3	560x280x255
1030-201068-0132			97(90)	4000		750	75				
1030-201168-0134			97(90)	3000	30°	760	76				
1030-201068-0133			97(90)	4000		780	78				
1030-201168-0130	TELEP-R1-220V (Black)	10	97(90)	3000	20°	730	73	<17	18	8.3	560x280x255
1030-201068-0130			97(90)	4000		750	75				
1030-201168-0131			97(90)	3000	30°	760	76				
1030-201068-0131			97(90)	4000		780	78				

Photometrics



TELEP2 TRACK LIGHTING

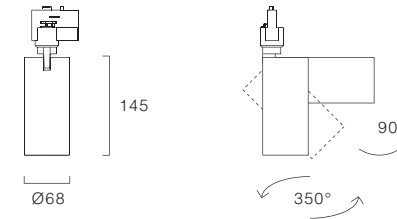




- Housing: Die-cast aluminium powder-coated.
- Optical lens: Plastic injection.
- LED parts: COB LED, unreplaceable.
- Chromaticity tolerance (initial MacAdam): 3 SDCM.
- Power supply: High efficiency up to 0.9 with flyback topology, double insulation safety protect and SELV output.
- Adapter: 3-phase universal adapter
- Input Voltage: 110 - 277VAC 50/60Hz.
- Lifetime: 50,000 hrs (L80, B20, Ta = 25°C, 12 hrs/day).
- Ta: -20~35°C.
- Degree of Protection: IP20.
- Impact resistance: IK02.
- N.W. : 675 g.



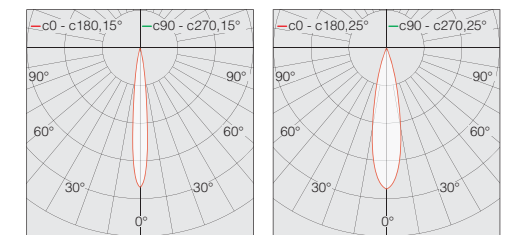
Dimensions: (mm)



Specifications

Order no.	Model	Power (W)	Ra(R9) typ	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	UGR	QTY/CTN (pcs)	G.W/CTN (kg)	SIZE/CTN (mm)
1032-036510-0130	TELEP2-R1-220V (White)	20	93(50)	3000	15°	1680	84	<10	8.5	7.9	460x325x195
1032-036500-0130			93(50)	4000	1800	90	<10	8.5	7.9	460x325x195	
1032-036510-0131			93(50)	3000	25°	1630	82	<10	8.5	7.9	460x325x195
1032-036500-0131			93(50)	4000	1740	87	<10	8.5	7.9	460x325x195	
1032-036510-0132	TELEP2-R1-220V (Black)	20	93(50)	3000	15°	1680	84	<10	8.5	7.9	460x325x195
1032-036500-0132			93(50)	4000	1800	90	<10	8.5	7.9	460x325x195	
1032-036510-0133			93(50)	3000	25°	1630	82	<10	8.5	7.9	460x325x195
1032-036500-0133			93(50)	4000	1740	87	<10	8.5	7.9	460x325x195	
1032-048810-0130	TELEP2-R1-220V-D 20 (Black)	20	93(50)	3000	15°	1680	84	<10	8.5	7.9	460x325x195
1032-048800-0131			93(50)	4000	1800	90	<10	8.5	7.9	460x325x195	
1032-048810-0131			93(50)	3000	25°	1630	82	<10	8.5	7.9	460x325x195
1032-048800-0130			93(50)	4000	1740	87	<10	8.5	7.9	460x325x195	

Photometrics



TRACK SINGLE2-R TRACK LIGHTING



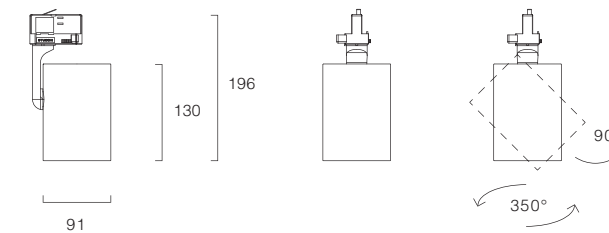


- Housing: Die-cast aluminium powder-coated
- Optical cover: Glass
- Optical reflector: Aluminum spinning vacuum plated.
- LED parts: COB LED, unreplaceable.
- Chromaticity tolerance (initial MacAdam): 3 SDCM.
- Power supply: High efficiency up to 0.9 with flyback topology, double insulation safety protect and SELV output.
- Adapter: 3-phase universal adapter
- Input Voltage: 220 - 240VAC 50/60Hz.
- Lifetime: 50,000 hrs (L80, B20, Ta = 25°C, 12 hrs/day).

- Ta: -20~35°C.
- Degree of Protection: IP20.
- Impact resistance: IK02.
- N.W. : 350 g.



Dimensions: (mm)



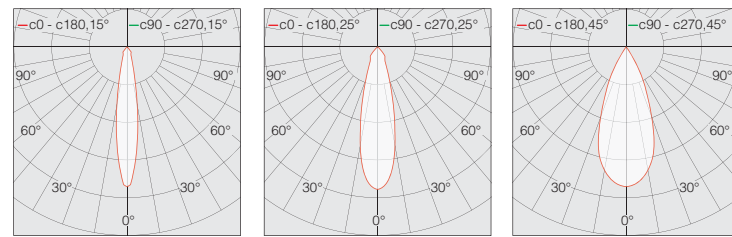
Specifications

Order no.	Model	Power (W)	Ra(R9) typ	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	UGR	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1032-050110-0130			93(50)	3000		2350	84				
1032-050100-0130			93(50)	4000	15°	2530	90	<19	6	6.5	445x435x155
1032-097920-0130			-	meat		1420	51				
1032-050110-0131			93(50)	3000		2470	88				
1032-050100-0131	TRACK SINGLE2 MO-R1-220V-R 28		93(50)	4000	25°	2660	95	<19	6	6.5	445x435x155
1032-050120-0132	(White)		-	meat		1490	53				
1032-050110-0132			93(50)	3000		2540	91				
1032-050100-0132			93(50)	4000	45°	2730	98	<20	6	6.5	445x435x155
1032-050120-0133			-	meat		1530	55				
1032-050110-0133			93(50)	3000		2350	84				
1032-050100-0133			93(50)	4000	15°	2530	90	<19	6	6.5	445x435x155
1032-097920-0131			-	meat		1420	51				
1032-050110-0134			93(50)	3000		2470	88				
1032-050100-0134	TRACK SINGLE2 MO-R1-220V-R 28		93(50)	4000	25°	2660	95	<19	6	6.5	445x435x155
1032-097920-0132	(Black)		-	meat		1490	53				
1032-050110-0135			93(50)	3000		2540	91				
1032-050100-0135			93(50)	4000	45°	2730	98	<20	6	6.5	445x435x155
1032-097920-0133			-	meat		1530	55				

TRACK SINGLE2-R TRACK LIGHTING

Order no.	Model	Power (W)	Ra(R9) typ	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	UGR	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1032-050210-0130			93(50)	3000		2350	84				
1032-050200-0130			93(50)	4000	15°	2530	90	<19	6	6.5	445x435x155
1032-100120-0130			-	meat		1420	51				
1032-050210-0131			93(50)	3000		2470	88				
1032-050200-0131	TRACK SINGLE2 MO-R1-220V-DR 28		93(50)	4000	25°	2660	95	<19	6	6.5	445x435x155
1032-100120-0131	(White)		-	meat		1490	53				
1032-050210-0132			93(50)	3000		2540	91				
1032-050200-0132			93(50)	4000	45°	2730	98	<20	6	6.5	445x435x155
1032-100120-0132			-	meat		1530	55				
1032-050210-0133			93(50)	3000		2350	84				
1032-050200-0133			93(50)	4000	15°	2530	90	<19	6	6.5	445x435x155
1032-100120-0133			-	meat		1420	51				
1032-050210-0134			93(50)	3000		2470	88				
1032-050200-0134	TRACK SINGLE2 MO-R1-220V-DR 28		93(50)	4000	25°	2660	95	<19	6	6.5	445x435x155
1032-100120-0134	(Black)		-	meat		1490	53				
1032-050210-0135			93(50)	3000		2540	91				
1032-050200-0135			93(50)	4000	45°	2730	98	<20	6	6.5	445x435x155
1032-100120-0135			-	meat		1530	55				

Photometrics



TRACK SINGLE2-L TRACK LIGHTING



Dark light

TRACK SINGLE2-L TRACK LIGHTING

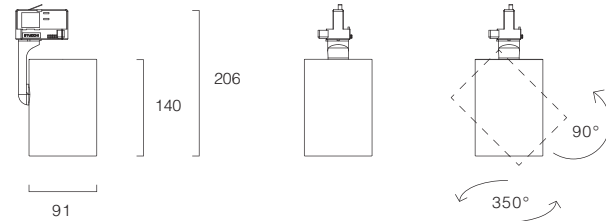
TRACK SINGLE2-L TRACK LIGHTING



- Housing: Die-cast aluminium powder-coated.
- Optical lens: Plastic injection.
- Optical reflector: Aluminum spinning vacuum plated.
- LED parts: COB LED, unreplaceable.
- Chromaticity tolerance (initial MacAdam): 3 SDCM.
- Power supply: High efficiency up to 0.9 with flyback topology, double insulation safety protect and SELV output.
- Adapter: 3-phase universal adapter
- Input Voltage: 220 - 240VAC 50/60Hz.
- Lifetime: 50,000 hrs (L80, B20, Ta = 25°C, 12 hrs/day).
- Ta: -20~35°C.
- Degree of Protection: IP20.
- Impact resistance: IK02.
- N.W. : 350 g.



Dimensions: (mm)



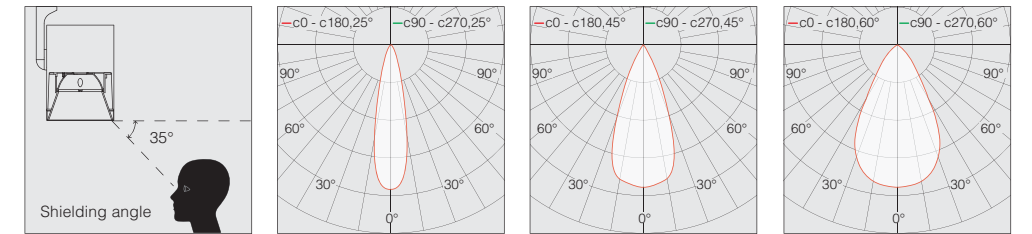
Specifications

Order no.	Model	Power (W)	Ra (R9) typ	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	UGR	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1032-098010-0130	TRACK SINGLE2 LO-R1-220V-L (White)	20	93(50)	3000	25°	2680	134	<18	12	10	585x235x255
1032-098000-0130			93(50)	4000	2740	137					
1032-098010-0131			93(50)	3000	2740	137					
1032-098000-0131			93(50)	4000	2770	138					
1032-098010-0132			93(50)	3000	2680	134					
1032-098000-0132			93(50)	4000	2740	137					
1032-098010-0133	TRACK SINGLE2 LO-R1-220V-L (Black)	20	93(50)	3000	25°	2680	134	<18	12	10	585x235x255
1032-098000-0133			93(50)	4000	2740	137					
1032-098010-0134			93(50)	3000	2740	137					
1032-098000-0134			93(50)	4000	2770	138					
1032-098010-0135			93(50)	3000	2680	134					
1032-098000-0135			93(50)	4000	2740	137					
1032-098110-0130	TRACK SINGLE2 LO-R1-220V-DL (White)	20	93(50)	3000	25°	2680	134	<18	12	10	585x235x255
1032-098100-0130			93(50)	4000	2740	137					
1032-098110-0131			93(50)	3000	2740	137					
1032-098100-0131			93(50)	4000	2770	138					
1032-098110-0132			93(50)	3000	2680	134					
1032-098100-0132			93(50)	4000	2740	137					
1032-098110-0133	TRACK SINGLE2 LO-R1-220V-DL (Black)	20	93(50)	3000	25°	2680	134	<18	12	10	585x235x255
1032-098100-0133			93(50)	4000	2740	137					
1032-098110-0134			93(50)	3000	2740	137					
1032-098100-0134			93(50)	4000	2770	138					
1032-098110-0135			93(50)	3000	2680	134					
1032-098100-0135			93(50)	4000	2740	137					

TRACK SINGLE2-L TRACK LIGHTING

Order no.	Model	Power (W)	Ra (R9) typ	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	UGR	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1032-098210-0130	TRACK SINGLE2 MO-R1-220V-L (White)	28	93(50)	3000	25°	3580	128	<18	12	10	585x235x255
1032-098200-0130			93(50)	4000	3660	131					
1032-098210-0131			93(50)	3000	3660	131					
1032-098200-0131			93(50)	4000	3700	132					
1032-098210-0132			93(50)	3000	3580	128					
1032-098200-0132			93(50)	4000	3660	131					
1032-098210-0133	TRACK SINGLE2 MO-R1-220V-DL (Black)	28	93(50)	3000	25°	3580	128	<18	12	10	585x235x255
1032-098200-0133			93(50)	4000	3660	131					
1032-098210-0134			93(50)	3000	3660	131					
1032-098200-0134			93(50)	4000	3700	132					
1032-098210-0135			93(50)	3000	3580	128					
1032-098200-0135			93(50)	4000	3660	131					
1032-098310-0130	TRACK SINGLE2 MO-R1-220V-L (White)	28	93(50)	3000	25°	3580	128	<19	12	10	585x235x255
1032-098300-0130			93(50)	4000	3660	131					
1032-098310-0131			93(50)	3000	3660	131					
1032-098300-0131			93(50)	4000	3700	132					
1032-098310-0132			93(50)	3000	3580	128					
1032-098300-0132			93(50)	4000	3660	131					
1032-098310-0133	TRACK SINGLE2 MO-R1-220V-DL (Black)	28	93(50)	3000	25°	3580	128	<19	12	10	585x235x255
1032-098300-0133			93(50)	4000	3660	131					
1032-098310-0134			93(50)	3000	3660	131					
1032-098300-0134			93(50)	4000	3700	132					
1032-098310-0135			93(50)	3000	3580	128					
1032-098300-0135			93(50)	4000	3660	131					

Photometrics



SPOCK TRACK LIGHTING

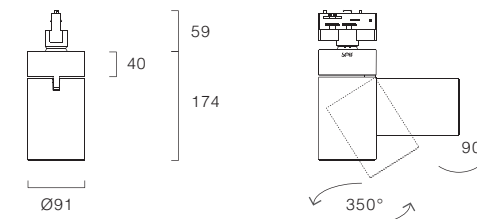




- Housing: Die-cast aluminium powder-coated.
- Optical cover: Glass.
- Optical reflector: Aluminum spinning vacuum plated.
- LED parts: COB LED, replaceable.
- Chromaticity tolerance (initial MacAdam): 3 SDCM.
- Power supply: High efficiency up to 0.9 with flyback topology, double insulation safety protect and SELV output.
- Adapter: 3-phase universal adapter
- Input Voltage: 220 - 240VAC 50/60Hz.
- Lifetime: 50,000 hrs (L80, B20, Ta = 25°C, 12 hrs/day).
- Ta: -20~35°C.
- Degree of Protection: IP20.
- Impact resistance: IK02.
- N.W. : 850 g.



Dimensions: (mm)

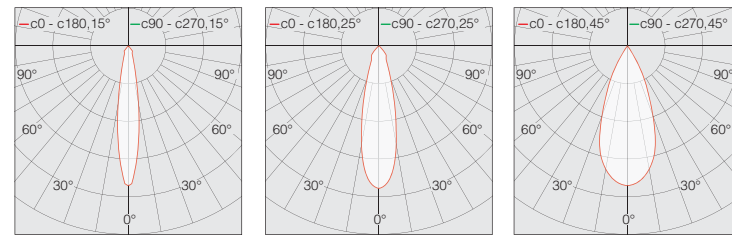


Specifications

Order no.	Model	Power (W)	Ra(R9) typ	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	UGR	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1030-201112-0130			83(00)	3000		2700	84				
1030-201124-0130			83(00)	3500		2800	88				
1030-201012-0130			83(00)	4000	15°	2900	91	<17	4	5.7	305x260x265
1030-201158-0130			93(50)	CRISP White		2100	66				
1030-201173-0130			97(90)	3000		2500	78				
1030-201073-0130			97(90)	4000		2500	78				
1030-201112-0131			83(00)	3000		2700	84				
1030-201124-0131			83(00)	3500		2800	88				
1030-201012-0131	SPOCK-R1-220V-2	32	83(00)	4000	25°	2900	91	<17	4	5.7	305x260x265
1030-201158-0131	(White)		93(50)	CRISP White		2100	66				
1030-201173-0131			97(90)	3000		2500	78				
1030-201073-0131			97(90)	4000		2500	78				
1030-201112-0132			83(00)	3000		2700	84				
1030-201124-0132			83(00)	3500		2800	88				
1030-201012-0132			83(00)	4000	45°	2900	91	<17	4	5.7	305x260x265
1030-201158-0132			93(50)	CRISP White		2100	66				
1030-201173-0132			97(90)	3000		2500	78				
1030-201073-0132			97(90)	4000		2500	78				

Order no.	Model	Power (W)	Ra (R9) typ	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	UGR	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1030-201112-0133			83(00)	3000		2700	84				
1030-201124-0133			83(00)	3500		2800	88				
1030-201012-0133			83(00)	4000	15°	2900	91	<17	4	5.7	305x260x265
1030-201158-0133			93(50)	CRISP White		2100	66				
1030-201173-0133			97(90)	3000		2500	78				
1030-201073-0133			97(90)	4000		2500	78				
1030-201112-0134			83(00)	3000		2700	84				
1030-201124-0134			83(00)	3500		2800	88				
1030-201012-0134	SPOCK-R1-220V-2	32	83(00)	4000	25°	2900	91	<17	4	5.7	305x260x265
1030-201158-0134	(Black)		93(50)	CRISP White		2100	66				
1030-201173-0134			97(90)	3000		2500	78				
1030-201073-0134			97(90)	4000		2500	78				
1030-201112-0135			83(00)	3000		2700	84				
1030-201124-0135			83(00)	3500		2800	88				
1030-201012-0135			83(00)	4000	45°	2900	91	<17	4	5.7	305x260x265
1030-201158-0135			93(50)	CRISP White		2100	66				
1030-201173-0135			97(90)	3000		2500	78				
1030-201073-0135			97(90)	4000		2500	78				

Photometrics



TRACK PENDANT TRACK LIGHTING



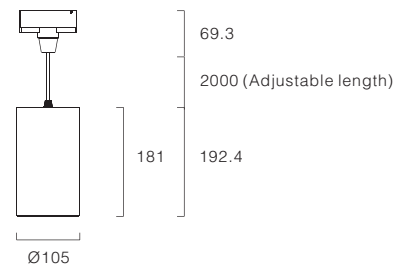
TRACK PENDANT TRACK LIGHTING



- Housing: Die-cast aluminium powder-coated.
- Optical cover: Glass.
- Optical reflector: Aluminum spinning vacuum plated.
- LED parts: COB LED, replaceable.
- Chromaticity tolerance (initial MacAdam): 3 SDCM.
- Power supply: High efficiency up to 0.9 with flyback topology, double insulation safety protect and SELV output.
- Adapter: 3-phase universal adapter
- Input Voltage: 220 - 240VAC 50/60Hz
- Lifetime: 50,000 hrs (L80, B20, Ta = 25°C, 12 hrs/day).
- Ta: -20~35°C.
- Degree of Protection: IP20.
- Impact resistance: IK02.
- N.W. : 875 g.



Dimensions: (mm)



Specifications

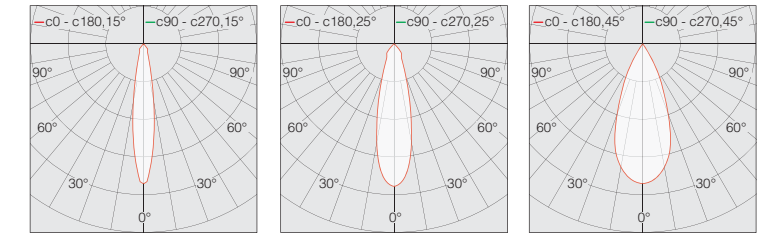
Order no.	Model	Power (W)	Ra (R9) typ	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	UGR	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1030-201184-0130			83(00)	3000		3300	103				
1030-201184-0131			83(00)	3500		3300	103				
1030-201084-0130			83(00)	4000	15°	3400	106	<17	4	5.5	325x305x280
1030-201184-0132			93(50)	CRISP White		2100	66				
1030-201184-0133			97(90)	3000		2500	78				
1030-201084-0131			97(90)	4000		2500	78				
1030-201184-0134			83(00)	3000		3300	103				
1030-201184-0135			83(00)	3500		3300	103				
1030-201084-0132	TRACK PENDANT -R1-220V	32	83(00)	4000	25°	3400	106	<17	4	5.5	325x305x280
1030-201184-0136	(White)		93(50)	CRISP White		2100	66				
1030-201184-0137			97(90)	3000		2500	78				
1030-201084-0133			97(90)	4000		2500	78				
1030-201184-0138			83(00)	3000		3300	103				
1030-201184-0139			83(00)	3500		3300	103				
1030-201084-0134			83(00)	4000	45°	3400	106	<17	4	5.5	325x305x280
1030-201184-1130			93(50)	CRISP White		2100	66				
1030-201184-1131			97(90)	3000		2500	78				
1030-201084-0135			97(90)	4000		2500	78				
1030-201184-1132			83(00)	3000		3300	103				
1030-201184-1133			83(00)	3500		3300	103				
1030-201084-0136	TRACK PENDANT-R1-220V	32	83(00)	4000	15°	3400	106	<17	4	5.5	325x305x280
1030-201184-1134	(Black)		93(50)	CRISP White		2100	66				
1030-201184-1135			97(90)	3000		2500	78				
1030-201084-0137			97(90)	4000		2500	78				

TRACK PENDANT TRACK LIGHTING

Specifications

Order no.	Model	Power (W)	Ra (R9) typ	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	UGR	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1030-201184-1136			83(00)	3000		3300	103				
1030-201184-1137			83(00)	3500		3300	103				
1030-201084-0138			83(00)	4000	25°	3400	106	<17	4	5.5	325x305x280
1030-201184-1138			93(50)	CRISP White		2100	66				
1030-201184-1139			97(90)	3000		2500	78				
1030-201084-0139	TRACK SINGLE-R1-220V	32	97(90)	4000		2500	78				
1030-201184-2130	(Black)		83(00)	3000		3300	103				
1030-201184-2131			83(00)	3500		3300	103				
1030-201084-1130			83(00)	4000	45°	3400	106	<17	4	5.5	325x305x280
1030-201184-2132			93(50)	CRISP White		2100	66				
1030-201184-2133			97(90)	3000		2500	78				
1030-201084-1131			97(90)	4000		2500	78				

Photometrics



TRACK WASH TRACK LIGHTING



TRACK WASH TRACK LIGHTING



TRACK WASH TRACK LIGHTING



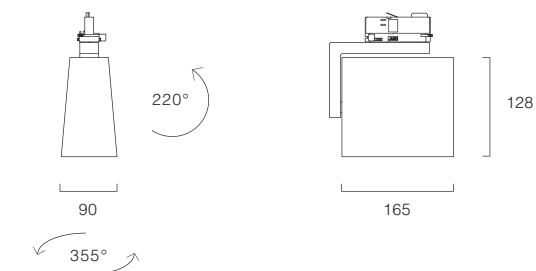
- Housing: Die-cast aluminium powder-coated.
- Optical reflector: Highly reflective aluminum sheets.
- LED parts: COB LED, unreplaceable.
- Chromaticity tolerance (initial MacAdam): 3 SDCM.
- Power supply: High efficiency up to 0.9 with flyback topology, double insulation safety protect and SELV output.
- Adapter: 3-phase universal adapter
- Input Voltage: 220 - 240VAC 50/60Hz
- Lifetime: 50,000 hrs (L80, B20, Ta = 25°C, 12 hrs/day).
- Ta: -20~35°C.
- Degree of Protection: IP20.
- Impact resistance: IK02.
- N.W. : 1120 g.



PATENT



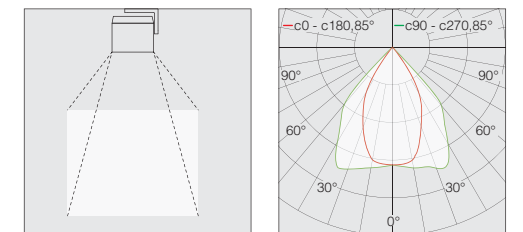
Dimensions: (mm)



Specifications

Order no.	Model	Power (W)	Ra (R9) typ	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	UGR	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1032-084510-0133	TRACKWASH MO-S1-220V	25	93(50)	3000	55°x85°	2990	120	<20	8	10	455x370x225
1032-084500-0130			93(50)	4000		3190	128				
1032-076610-0131	TRACKWASH HO-S1-220V	40	93(50)	3000	55°x85°	4910	117	<22	8	10	455x370x225
1032-076600-0130			93(50)	4000		5150	123				

Photometrics



Ceiling lighting

Suspended lighting



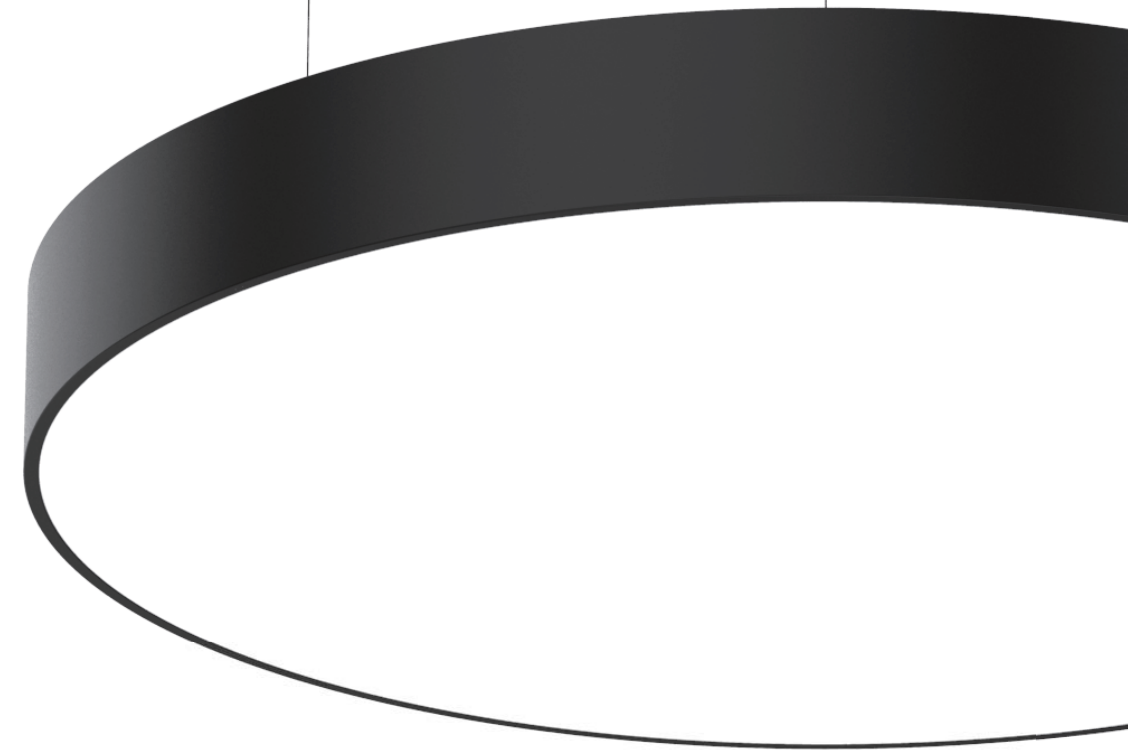
ALPS
245



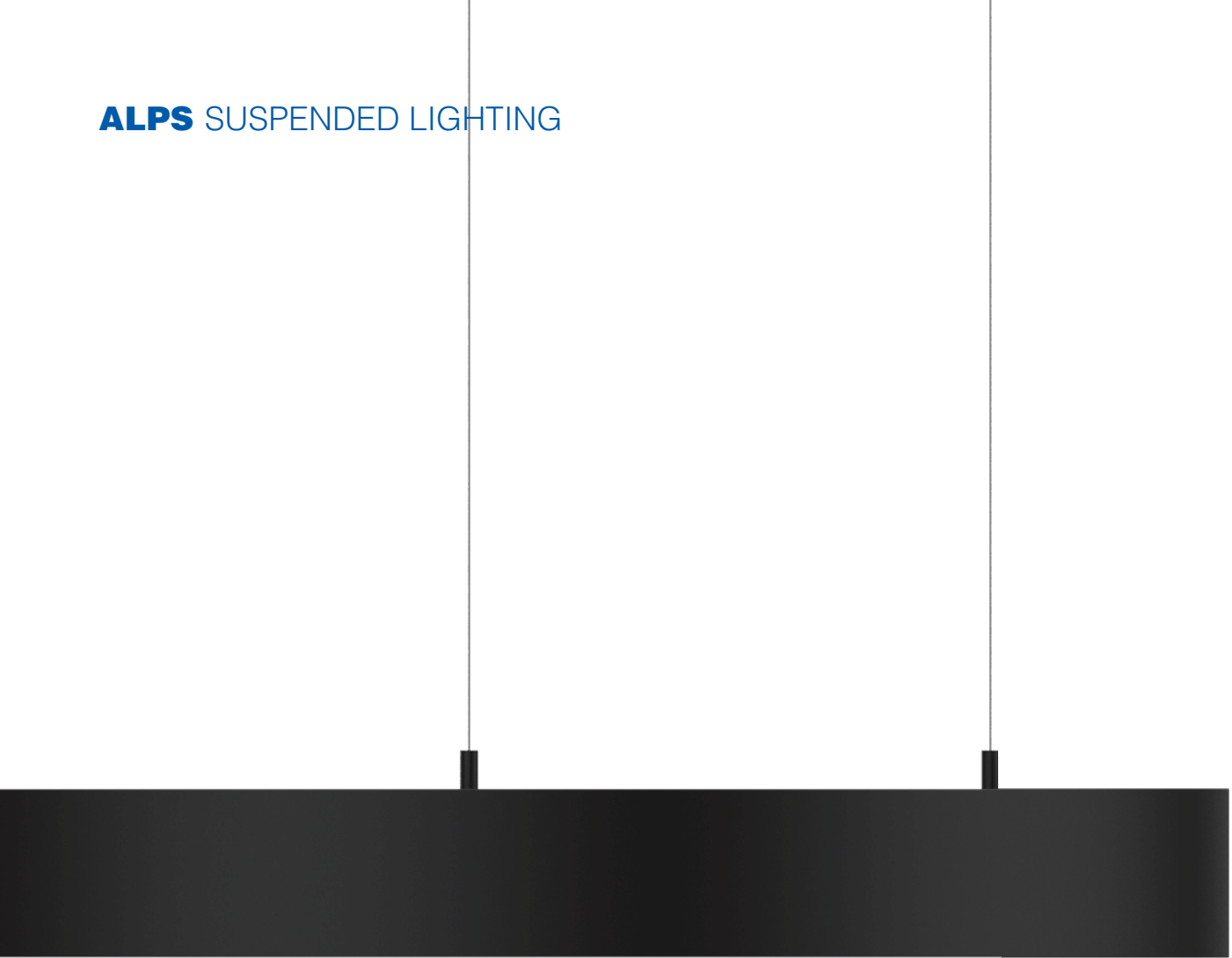
GALA
251

High Power Lighting

ALPS SUSPENDED LIGHTING



ALPS SUSPENDED LIGHTING



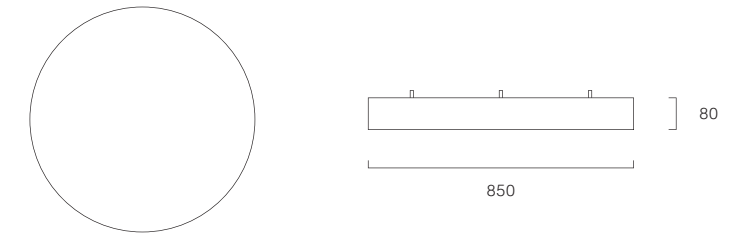
ALPS SUSPENDED LIGHTING



- Housing: Iron sheet spraying.
- Optical cover: Plastic extrusion.
- LED parts: SMD LEDs, unreplaceable.
- Chromaticity tolerance (initial MacAdam): 3 SDCM.
- Power supply: High efficiency up to 0.9 with flyback topology, double insulation safety protect and SELV output.
- Input : AC220-240V.
- Ta: -20~35°C.
- Lifetime: 50,000 hrs (L80, B20, Ta = 25°C, 12 hrs/day).



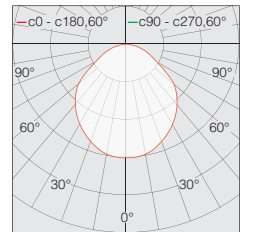
Dimensions: (mm)

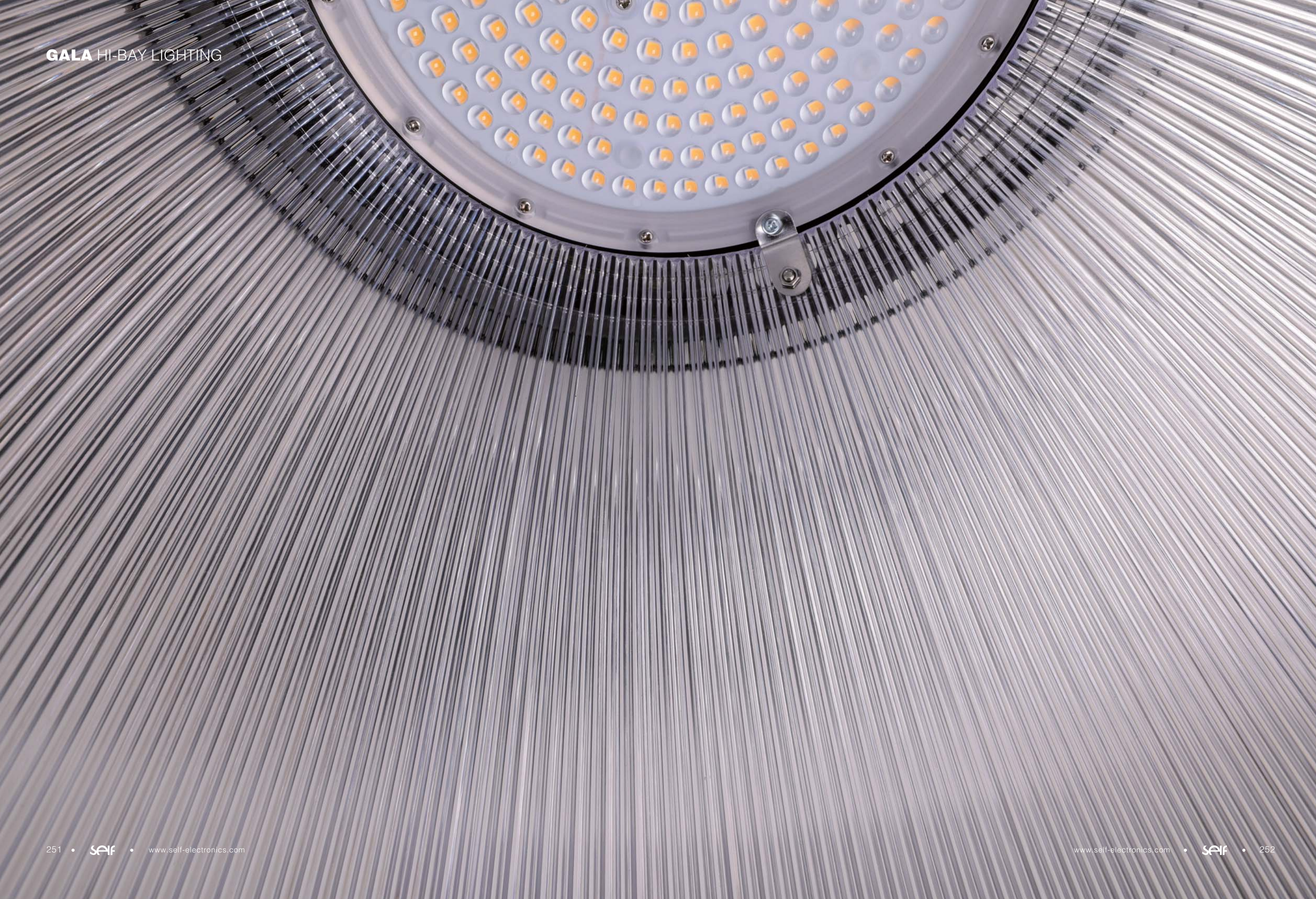


Specifications

Order no.	Model	Power (W)	Ra (R9) typ	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	UGR	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
-	ALPS HO-R850-220V	70	83(00)	3000	60°	10150	145	<20	-	-	-
-			83(00)	4000		10200	150		-	-	-

Photometrics





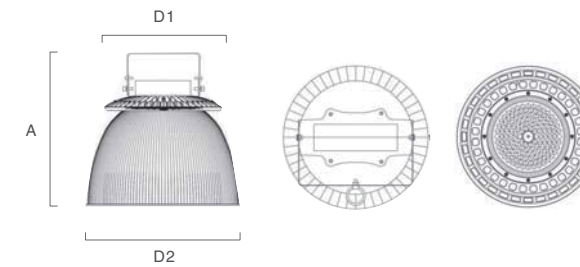


- Housing: Diecasting aluminum spray paint.
- Lens: Plastic.
- LED parts: High efficiency SMT LED chips, replaceable.
- Chromaticity tolerance (initial MacAdam): 3 SDCM.
- Input : AC220-240V.
- Ta: -20~35°C.
- Lifetime: 50,000 hrs (L80, B20, Ta = 25°C, 12 hrs/day).



IP65

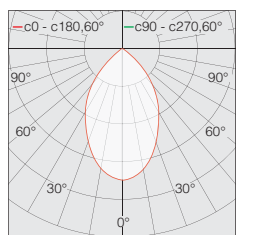
Dimensions: (mm)



Specifications

Order no.	Model	Power (W)	Ra (R9) typ	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	UGR	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
-	GALA-LO-220V	100	83(00)	3000	60°	12500	125	<20	-	-	-
-	GALA-LO-220V	100	83(00)	4000	60°	13000	130	<20	-	-	-
-	GALA-MO-220V	150	83(00)	3000	60°	18750	125	<20	-	-	-
-	GALA-MO-220V	150	83(00)	4000	60°	19500	130	<20	-	-	-
-	GALA-HO-220V	230	83(00)	3000	60°	28750	125	<20	-	-	-
-	GALA-HO-220V	230	83(00)	4000	60°	29900	130	<20	-	-	-

Photometrics

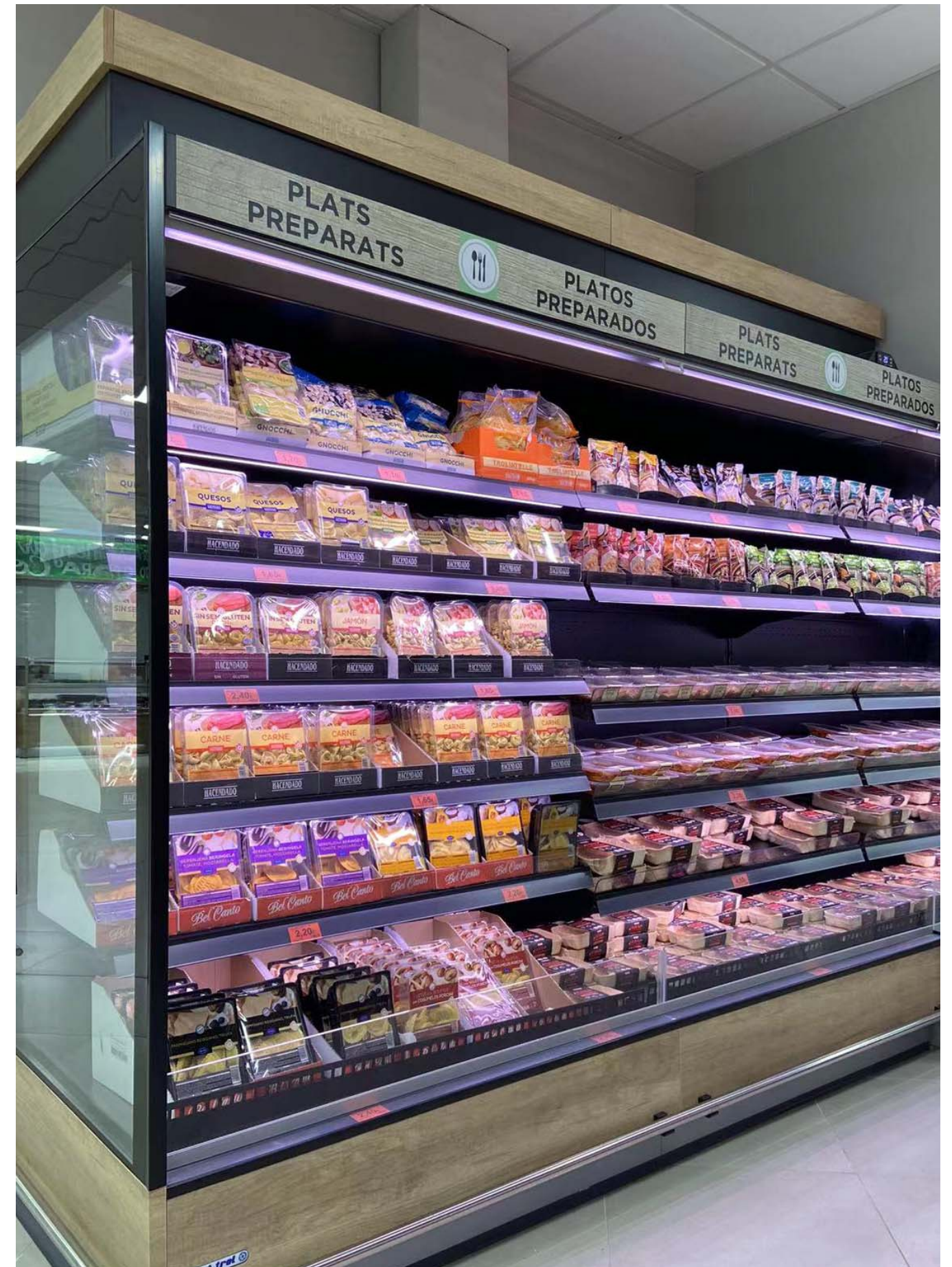




















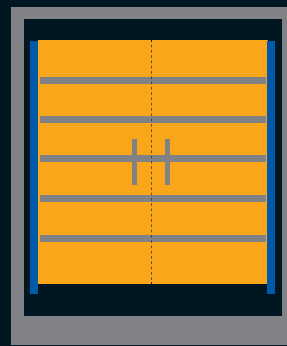
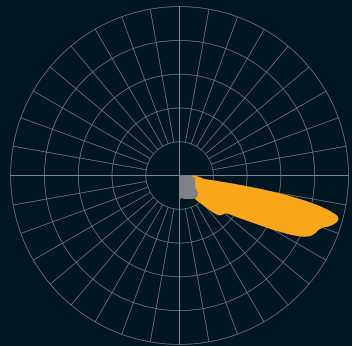


Revolution of LED Commercial Refrigerator Lighting

“Compound eyes optic” technology.

Basic theory come from the compound eyes technology,
Design optic lens with micro-structure.

- High efficacy.
- Asymmetric optic.
- Dot invisible light source.



.....
Old solution



—————
Compound eyes optic
(Differential Optic)

MULTIFRIO V5 MULTIFRIO2 V5

MULTIFRIO V5 up to
60%
efficacy increased

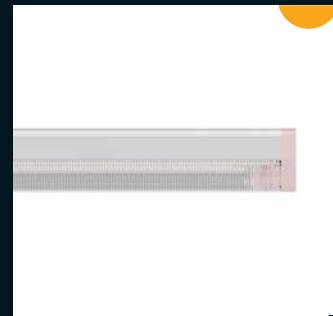
MULTIFRIO2 V5 up to
30%
efficacy increased

Cooler lighting

255



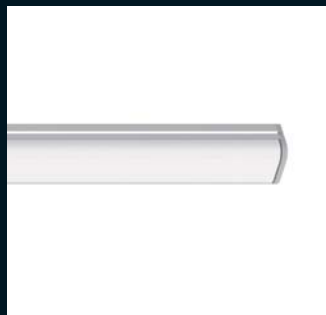
MULTIFRIO V5
283



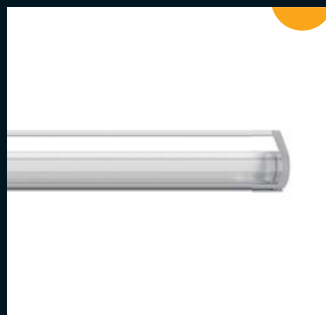
MULTIFRIO V5D
287



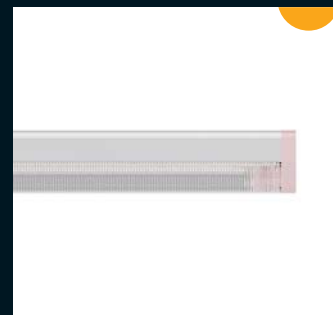
MULTIFRIO
291



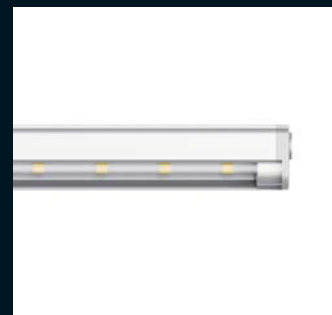
FRIO SLIM
295



MULTIFRIO2 V5
299



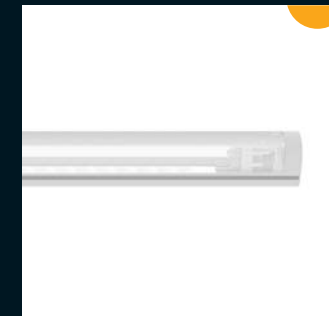
MULTIFRIO2 V5D
303



MULTIFRIO2
307

Cooler lighting

313



FROZEN4
313



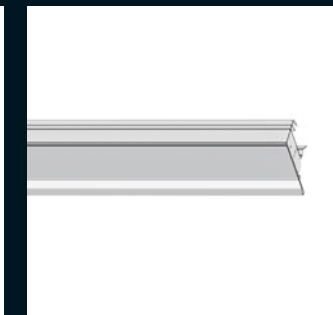
AUXO3
316



COOSCH2
319



LINSH2
322



TAGLED3
325



FRIGG2
329

COOLER LIGHTING

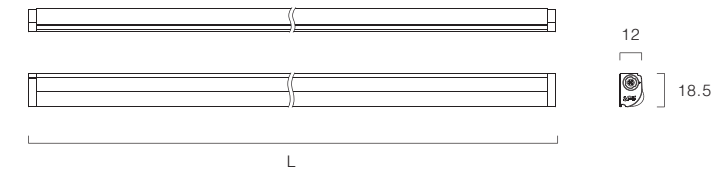
Application		Canopy	Shelf	Vertical Freezer & Chiller	Combined	Islands	Transparent Islands	Serve-over Counter
Model								
MULTIFRIO V5 MO MULTIFRIO V5D MO				●	●	●		
MULTIFRIO V5 HO MULTIFRIO V5D HO				●	●	●		
MULTIFRIO2 V5 LO MULTIFRIO2 V5D LO			●					
MULTIFRIO2 V5 MO MULTIFRIO2 V5D MO	●							
MULTIFRIO2 V5 HO MULTIFRIO2 V5D HO	●							
AUXO3			●					
COOSCH2			●					
FROZEN4 LO / MO			●					
TAGLED3			●					
MULTIFRIO2 MO			●					
MULTIFRIO2 LO			●					
MULTIFRIO2 HO	●							
MULTIFRIO MO				●	●	●		
MULTIFRIO HO				●	●	●		
FROZEN4 HO	●							
FRIGG2							●	
LINSH2								●
FRIO SLIM				●	●			



- Housing: Extrusion aluminum oxidized.
- Optical cover: Extrusion plastic.
- LED parts: High efficacy chips, non-replaceable.
- Chromaticity tolerance (initial MacAdam): 3 SDCM.
- Input voltage: 24VDC.
- Ta: -30~35°C.
- Lifetime: 50,000 hrs (L80, B20, Ta = 25°C, 12 hrs/day).
- Main application: Vertical freezer & Chiller and island, Comply with IEC60335-2-89 annex BB/CC.
- Degree of protection: IP65.
- Impact resistance: IK02.
- N.W. : 70/145/210/290 g.



Dimensions: (mm)



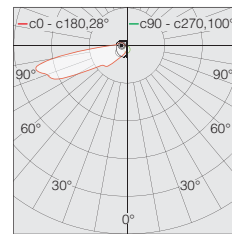
Specifications

Order no.	Model	Power (W)	Ra (R9) typ	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	Length (mm)	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1032-081410-0130			95(90)	3000(BW)		120	136				
1032-081400-0130	MULTIFRIO V5MO-L140-24V	0.9	95(90)	4000(BW)	28°	130	144	140	216	7.7	320x200x270
1032-081420-0130			85(60)	076		130	144				
1032-081510-0130			95(90)	3000(BW)		260	138				
1032-081500-0130	MULTIFRIO V5MO-L300-24V	1.9	95(90)	4000(BW)	28°	280	148	300	150	10.5	350x235x275
1032-081520-0130			85(60)	076		280	148				
1032-081610-0130			95(90)	3000(BW)		480	137				
1032-081600-0130	MULTIFRIO V5MO-L550-24V	3.5	95(90)	4000(BW)	28°	520	148	550	96	14.4	1280x275x85
1032-081620-0130			85(60)	076		520	148				
1032-081710-0130			95(90)	3000(BW)		630	137				
1032-081700-0130	MULTIFRIO V5MO-L720-24V	4.6	95(90)	4000(BW)	28°	680	148	720	48	9.2	800x180x150
1032-081720-0130			85(60)	076		680	148				
1032-077610-0130			95(90)	3000(BW)		740	137				
1032-077600-0130	MULTIFRIO V5MO-L850-24V	5.4	95(90)	4000(BW)	28°	800	148	850	80	16.6	910x205x195
1032-077620-0130			85(60)	076		800	148				
1032-077710-0130			95(90)	3000(BW)		1010	139				
1032-077700-0130	MULTIFRIO V5MO-L1150-24V	7.3	95(90)	4000(BW)	28°	1080	148	1150	48	15	1280x275x85
1032-077720-0130			85(60)	076		1080	148				
1032-077810-0130			95(90)	3000(BW)		1320	137				
1032-077800-0130	MULTIFRIO V5MO-L1500-24V	9.6	95(90)	4000(BW)	28°	1420	147	1500	40	15.5	1545x235x95
1032-077820-0130			85(60)	076		1420	147				
1032-081210-0130			95(90)	3000(BW)		190	124				
1032-081200-0130	MULTIFRIO V5HO-L140-24V	1.5	95(90)	4000(BW)	28°	210	137	140	216	7.7	320x200x270
1032-081220-0130			85(60)	076		210	137				
1032-081310-0130			95(90)	3000(BW)		420	130				
1032-081300-0130	MULTIFRIO V5HO-L300-24V	3.2	95(90)	4000(BW)	28°	450	139	300	150	10.5	350x235x275
1032-081320-0130			85(60)	076		450	139				

Specifications

Order no.	Model	Power (W)	Ra (R9) typ	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	Length (mm)	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1032-081110-0130			95(90)	3000(BW)		760	130				
1032-081100-0130	MULTIFRIO V5HO-L550-24V	5.9	95(90)	4000(BW)	28°	820	140	550	96	14.4	1280x275x85
1032-081120-0130			85(60)	076		820	140				
1032-081010-0130			95(90)	3000(BW)		1000	131				
1032-081000-0130	MULTIFRIO V5HO-L720-24V	7.7	95(90)	4000(BW)	28°	1070	140	720	48	9.2	800x180x150
1032-081020-0130			85(60)	076		1070	140				
1032-080710-0130			95(90)	3000(BW)		1170	130				
1032-080700-0130	MULTIFRIO V5HO-L850-24V	9.0	95(90)	4000(BW)	28°	1250	139	850	80	16.6	910x205x195
1032-080720-0130			85(60)	076		1250	139				
1032-080610-0130			95(90)	3000(BW)		1580	129				
1032-080600-0130	MULTIFRIO V5HO-L1150-24V	12.2	95(90)	4000(BW)	28°	1700	139	1150	48	15	1280x275x85
1032-080620-0130			85(60)	076		1700	139				
1032-080510-0130			95(90)	3000(BW)		2100	131				
1032-080500-0130	MULTIFRIO V5HO-L1500-24V	16.0	95(90)	4000(BW)	28°	2250	140	1500	40	15.5	1545x235x95
1032-080520-0130			85(60)	076		2250	140				

Photometrics



Accessories (optional)

Order No.	Photo	Description	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1099-000186-0137		1000mm Input cable x1	500	9.5	505x300x250
1099-013660-0137		1500mm Input cable x1	250	13.6	355x345x275
1099-000203-0130		2500mm Input cable x1	-	-	-
1099-000298-0130		3500mm Input cable x1	-	-	-
1099-013660-0136		60mm Extension cable x1	1000	5	250x165x170
1099-013660-1132		22mm DC connector x1	5000	9	250x165x170
1099-013660-2135		Pvc profile side 1800mm gray x1	40	8.2	1840x215x90
1099-013660-2136		Pvc profile side 1800mm blk x1	40	8.2	1840x215x90
1099-013660-2131		Pvc profile side 1600mm gray x1	50	15.5	1680x160x130
1099-013660-2132		Pvc profile side 1600mm blk x1	50	15.5	1680x160x130
1099-013660-2130		Pvc profile side 1960mm gray x1	30	9.2	2015x180x110
1099-013660-2134		Pvc profile center 1800mm blk x1	40	16.3	1840x215x90
1099-013660-2133		Pvc profile center 1800mm gray x1	40	16.3	1840x215x90
1099-013660-2137		Pvc profile center 1600mm gray x1	40	14.5	1680x160x130
1099-013660-2138	Pvc profile center 1600mm blk x1	40	14.5	1680x160x130	
1099-000113-0130		Cable protector for PVC application x1	-	-	-
1099-000205-0130		MFV5 Vertical side clip set x2	-	-	-
1099-000206-0130		MFV5 Vertical center clip set x2	-	-	-
1001-610166-1130		Model: SLT150-24VLG-E Matching driver, max. 150W. Input: 220-240VAC 2000mm cable +plug. Output: 24V 400mm cable +2*DSG plug. Comply with IEC60335-1.	-	-	-

Model	Max. linkable (pcs)	Model	Max. linkable (pcs)	Model	Max. linkable (pcs)
MULTIFRIO V5MO-L140-24V	55	MULTIFRIO V5MO-L1150-24V	7	MULTIFRIO V5HO-L720-24V	6
MULTIFRIO V5MO-L300-24V	25	MULTIFRIO V5MO-L1500-24V	5	MULTIFRIO V5HO-L850-24V	5
MULTIFRIO V5MO-L550-24V	14	MULTIFRIO V5HO-L140-24V	32	MULTIFRIO V5HO-L1150-24V	4
MULTIFRIO V5MO-L720-24V	11	MULTIFRIO V5HO-L300-24V	15	MULTIFRIO V5HO-L1500-24V	3
MULTIFRIO V5MO-L850-24V	9	MULTIFRIO V5HO-L550-24V	8		

MULTIFRIO V5D COOLER LIGHTING



No LED dots



CCT(4000K/076)
Switchable via SRS system

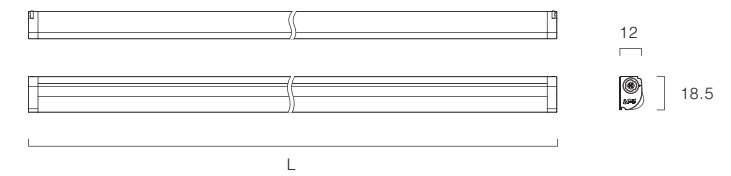
MULTIFRIO V5D COOLER LIGHTING



- Housing: Extrusion aluminum oxidized.
- Optical cover: Extrusion plastic.
- LED parts: High efficacy chips, non-replaceable.
- Chromaticity tolerance (initial MacAdam): 3 SDCM.
- Input voltage: 24VDC.
- Ta: -30~35°C.
- Lifetime: 50,000 hrs (L80, B20, Ta = 25°C, 12 hrs/day).
- Main application: Vertical freezer & Chiller and island, Comply with IEC60335-2-89 annex BB/CC.
- Degree of protection: IP65.
- Impact resistance: IK02.
- N.W. : 70/145/210/290 g.



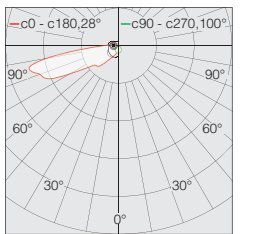
Dimensions: (mm)



Specifications





Order no.	Model	Power (W)	Ra (R9) typ	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	Length (mm)	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1032-092400-0131	MULTIFRIO V5DMO-L1150-24V	7.3	95(90) 85(60)	4000(BW) 076	28°	1020 1020	140 140	1150	48	15	1280x275x85
1032-092900-0131	MULTIFRIO V5DMO-L1500-24V	9.6	95(90) 85(60)	4000(BW) 076	28°	1340 1340	140 140	1500	40	15.5	1545x235x95
1032-092800-0131	MULTIFRIO V5DHO-L1150-24V	12.2	95(90) 85(60)	4000(BW) 076	28°	1620 1620	133 133	1150	48	15	1280x275x85
1032-093000-0131	MULTIFRIO V5DHO-L1500-24V	16.0	95(90) 85(60)	4000(BW) 076	28°	2110 2110	132 132	1500	40	15.5	1545x235x95

Photometrics



MULTIFRIO V5D COOLER LIGHTING

Accessories (optional)

Order No.	Photo	Description	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1099-013660-0137		1500mm Input cable x1	250	13.6	355x345x275
1099-013660-1130		2500mm Input cable x1	100	4	400x225x230
1099-013660-1137		5000mm Input cable x1	80	13.7	505x300x250
1099-013660-0135		1500mm Input cable x1	100	4	400x225x230
1099-013660-0136		60mm Extension cable x1	1000	5	250x165x170
1099-013660-1132		Hard connector x1	5000	9	250x165x170
1099-013660-2135		Pvc profile side 1800mm gray x1	40	8.2	1840x215x90
1099-013660-2136		Pvc profile side 1800mm blk x1	40	8.2	1840x215x90
1099-013660-2131		Pvc profile side 1600mm gray x1	50	15.5	1680x160x130
1099-013660-2132		Pvc profile side 1600mm blk x1	50	15.5	1680x160x130
1099-013660-2130		Pvc profile side 1960mm gray x1	30	9.2	2015x180x110
1099-013660-2134		Pvc profile center 1800mm blk x1	40	16.3	1840x215x90
1099-013660-2133		Pvc profile center 1800mm gray x1	40	16.3	1840x215x90
1099-013660-2137		Pvc profile center 1600mm gray x1	40	14.5	1680x160x130
1099-013660-2138		Pvc profile center 1600mm blk x1	40	14.5	1680x160x130
1099-000205-0130		MFV5 Vertical side clip set x2	-	-	-
1099-000206-0130		MFV5 Vertical center clip set x2	-	-	-
1001-610166-1130		Model: SLT150-24VLG-E Matching driver, max. 150W. Input: 220-240VAC 2000mm cable +plug. Output: 24V 400mm cable +2*DSG plug. Comply with IEC60335-1.	-	-	-
-		SRS system for Refrigerator lighting Including: SRS301A Timer center SRS302A Controller SRS303A Sensor Switch SRS APP	-	-	-

MULTIFRIO V5D COOLER LIGHTING

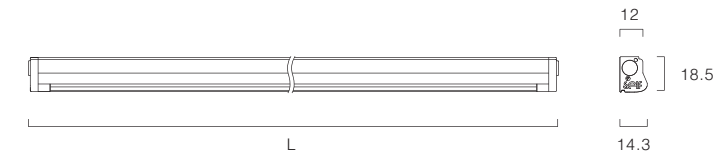
Model	Max. linkable (pcs)
MULTIFRIO V5DMO-L1150-24V	7
MULTIFRIO V5DMO-L1500-24V	5
MULTIFRIO V5DHO-L1150-24V	4
MULTIFRIO V5DHO-L1500-24V	3



- Housing: Extrusion aluminum oxidized.
- Optical cover: Extrusion plastic.
- LED parts: High efficacy chips, non-replaceable.
- Chromaticity tolerance (initial MacAdam): 3 SDCM.
- Input voltage: 24VDC.
- Ta: -30~35°C.
- Lifetime: 50,000 hrs (L80, B20, Ta = 25°C, 12 hrs/day).
- Main application: Vertical freezer & Chiller and island, Comply with IEC60335-2-89 annex BB/CC.
- Degree of Protection: IP65.
- Impact resistance: IK02.
- N.W. : 70/145/210/290/420 g.



Dimensions: (mm)



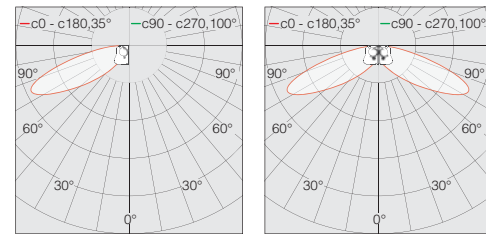
Specifications

Order no.	Model	Power (W)	Ra (R9) typ	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	Length (mm)	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1030-160148-0130			93(50)	3000(BW)		270	90				
1030-160048-0130	MULTIFRIO MO-L60-24V	3	93(50)	4000(BW)	35°	300	100	300	150	10.5	350x235x275
1030-160248-0130			83(50)	076		320	107				
1030-200140-0130			93(50)	3000(BW)		520	87				
1030-200040-0130	MULTIFRIO MO-L114-24V	6	93(50)	4000(BW)	35°	560	93	600	96	14.8	1280x275x85
1030-200240-0130			83(50)	076		600	100				
1030-200141-0130			93(50)	3000(BW)		630	88				
1030-200041-0130	MULTIFRIO MO-L138-24V	7.2	93(50)	4000(BW)	35°	680	94	720	48	9.2	800x180x150
1030-200241-0130			83(50)	076		730	101				
1030-200142-0130			93(50)	3000(BW)		730	86				
1030-200042-0130	MULTIFRIO MO-L162-24V	8.5	93(50)	4000(BW)	35°	800	94	850	80	16.6	910x205x195
1030-200242-0130			83(50)	076		860	101				
1030-200143-0130			93(50)	3000(BW)		1030	86				
1030-200043-0130	MULTIFRIO MO-L228-24V	12	93(50)	4000(BW)	35°	1120	93	1200	48	15	1280x275x85
1030-200243-0130			83(50)	076		1210	101				
1030-200157-0130			93(50)	3000(BW)		1250	83				
1030-200057-0130	MULTIFRIO MO-L276-24V	15	93(50)	4000(BW)	35°	1360	91	1500	40	15.5	1545x235x95
1030-200257-0130			83(50)	076		1470	98				
1030-160149-0130			93(50)	3000(BW)		430	86				
1030-160049-0130	MULTIFRIO HO-L60-24V	5	93(50)	4000(BW)	35°	470	94	300	150	10.5	350x235x275
1030-160249-0130			83(50)	076		510	102				

Specifications

Order no.	Model	Power (W)	Ra (R9) typ	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	Length (mm)	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1030-200152-0130			93(50)	3000(BW)		820	82				
1030-200052-0130	MULTIFRIO HO-L114-24V	10	93(50)	4000(BW)	35°	890	89	600	96	13.5	1280x275x85
1030-200252-0130			83(50)	076		960	96				
1030-200148-0130			93(50)	3000(BW)		990	83				
1030-200048-0130	MULTIFRIO HO-L138-24V	12	93(50)	4000(BW)	35°	1080	90	720	48	8.5	800x180x150
1030-200248-0130			83(50)	076		1170	98				
1030-200151-0130			93(50)	3000(BW)		1160	80				
1030-200051-0130	MULTIFRIO HO-L162-24V	14.5	93(50)	4000(BW)	35°	1260	87	850	80	17.5	910x205x195
1030-200251-0130			83(50)	076		1360	94				
1030-200156-0130			93(50)	3000(BW)		1640	82				
1030-200056-0130	MULTIFRIO HO-L228-24V	20	93(50)	4000(BW)	35°	1780	89	1200	48	15	1280x275x85
1030-200256-0130			83(50)	076		1920	96				
1030-200150-0130			93(50)	3000(BW)		2020	79				
1030-200050-0130	MULTIFRIO HO-L276-24V	25.5	93(50)	4000(BW)	35°	2200	86	1500	40	15.5	1545x235x95
1030-200250-0130			83(50)	076		2380	93				

Photometrics



Accessories (optional)

Order No.	Photo	Description	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1099-013660-0137		1500mm Input cable x1	250	13.6	355x345x275
1099-013660-1130		2500mm Input cable x1	-	-	-
1099-013660-1137		5000mm Input cable x1	100	4	400x225x230
1099-013660-0135		1500mm Input cable x1	-	-	-
1099-013660-3133		2500mm Input cable x1	-	-	-
1099-013660-3130		5000mm Input cable x1	-	-	-
1099-013660-0136		60mm Extension cable x1	1000	5	250x165x170
1099-013660-1132		Hard connector x1	5000	9	250x165x170

Accessories (optional)

1099-013660-2135		Pvc profile side 1800mm gray x1	40	8.2	1840x215x90
1099-013660-2136		Pvc profile side 1800mm blk x1	40	8.2	1840x215x90
1099-013660-2131		Pvc profile side 1600mm gray x1	50	15.5	1680x160x130
1099-013660-2132		Pvc profile side 1600mm blk x1	50	15.5	1680x160x130
1099-013660-2130		Pvc profile side 1960mm gray x1	30	9.2	2015x180x110
1099-013660-2134		Pvc profile center 1800mm blk x1	40	16.3	1840x215x90
1099-013660-2133		Pvc profile center 1800mm gray x1	40	16.3	1840x215x90
1099-013660-2137		Pvc profile center 1600mm gray x1	40	14.5	1680x160x130
1099-013660-2138		Pvc profile center 1600mm blk x1	40	14.5	1680x160x130
1099-000113-0130		Cable protector for PVC application x1	-	-	-
1099-013660-0132		Vertical freezer mounting clip centre x2	700	7.1	505x300x250
1099-013660-0131		Vertical freezer mounting clip side x2	700	4.3	505x300x250
1099-013660-0133		Horizontal freezer mounting clip x1	700	8.5	505x300x250
1001-260021-0133		Model: SLT75-24VL-E Matching driver, max. 75W. Input: 220-240VAC 2000mm cable + plug. Output: 24V 400mm cable + 2*DSG plug. Comply with IEC60335-1.	30	11	445x375x205

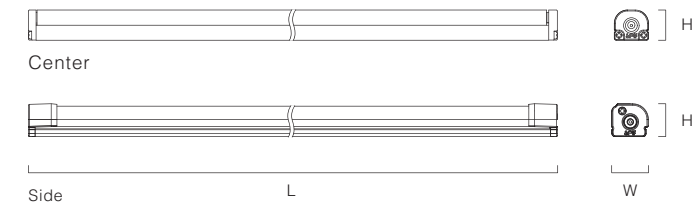
Model	Max. linkable (pcs)	Model	Max. linkable (pcs)
MULTIFRIO MO-L60-24V	10	MULTIFRIO HO-L60-24V	6
MULTIFRIO MO-L114-24V	5	MULTIFRIO HO-L114-24V	3
MULTIFRIO MO-L138-24V	4	MULTIFRIO HO-L138-24V	4
MULTIFRIO MO-L162-24V	3	MULTIFRIO HO-L162-24V	4
MULTIFRIO MO-L228-24V	4	MULTIFRIO HO-L228-24V	3
MULTIFRIO MO-L276-24V	4	MULTIFRIO HO-L276-24V	2



- Housing: Extrusion aluminum oxidized.
- Optical cover: Extrusion plastic.
- Optical lens: Plastic injection.
- LED parts: High efficacy chips, non-replaceable.
- Chromaticity tolerance (initial MacAdam): 3 SDCM.
- Input voltage: 24VDC.
- Ta: -30~35°C.
- Lifetime: 50,000 hrs (L80, B20, Ta = 25°C, 12 hrs/day).
- Main application: Vertical freezer & Chiller and island, Comply with IEC60335-2-89 annex BB/CC.
- Degree of Protection: IP65.
- Impact resistance: IK02.
- N.W. : 220/350/430/475 g.



Dimensions: (mm)



Center		
FRIOSLIM LO-L775-24V	FRIOSLIM MO-L775-24V	FRIOSLIM HO-L775-24V
FRIOSLIM LO-L1200-24V	FRIOSLIM MO-L1200-24V	FRIOSLIM HO-L1200-24V
FRIOSLIM LO-L1500-24V	FRIOSLIM MO-L1500-24V	FRIOSLIM HO-L1500-24V
FRIOSLIM LO-L1650-24V	FRIOSLIM MO-L1650-24V	FRIOSLIM HO-L1650-24V
Side		
FRIOSLIM LO-L140-24V-1	FRIOSLIM MO-L775-24V-1	FRIOSLIM LO-L775-24V-1
FRIOSLIM LO-L231-24V-1	FRIOSLIM MO-L1200-24V-1	FRIOSLIM LO-L1200-24V-1
FRIOSLIM LO-L287-24V-1	FRIOSLIM MO-L1500-24V-1	FRIOSLIM LO-L1500-24V-1
FRIOSLIM LO-L322-24V-1	FRIOSLIM MO-L1650-24V-1	FRIOSLIM LO-L1650-24V-1

Specifications

Order no.	Model	Power (W)	Ra (R9) typ	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	Length (mm)	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1032-089510-0130			93(50)	3000(BW)		640	107				
1032-089500-0130	FRIOSLIM LO-L775-24V	6	93(50)	4000(BW)	25°x2	690	115	753	24	5.7	775x155x100
1032-089520-0130			83(50)	076		740	123				
1032-089710-0130			93(50)	3000(BW)		1010	106				
1032-089700-0130	FRIOSLIM LO-L1200-24V	9.5	93(50)	4000(BW)	25°x2	1090	115	1189	24	9.0	1215x150x100
1032-089720-0130			83(50)	076		1170	123				
1032-086810-0130			93(50)	3000(BW)		1280	107				
1032-086800-0130	FRIOSLIM LO-L1500-24V	12	93(50)	4000(BW)	25°x2	1380	115	1480	24	10.8	1500x155x100
1032-086820-0130			83(50)	076		1480	123				
1032-089910-0130			93(50)	3000(BW)		1440	107				
1032-089900-0130	FRIOSLIM LO-L1650-24V	13.5	93(50)	4000(BW)	25°x2	1550	115	1626	24	12.1	1645x150x100
1032-089920-0130			83(50)	076		1670	124				
1032-089610-0130			93(50)	3000(BW)		1050	105				
1032-089600-0130	FRIOSLIM MO-L775-24V	10	93(50)	4000(BW)	25°x2	1130	113	753	24	5.7	775x155x100
1032-089620-0130			83(50)	076		1210	121				

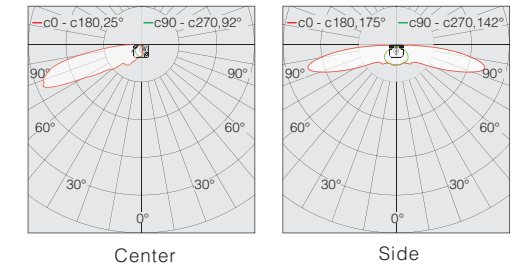
Specifications

Order no.	Model	Power (W)	Ra (R9) typ	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	Length (mm)	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1032-089810-0130			93(50)	3000(BW)		1680	105				
1032-089800-0130	FRIOSLIM MO-L1200-24V	16	93(50)	4000(BW)	25°x2	1810	113	1189	24	9.0	1215x150x100
1032-089820-0130			83(50)	076		1940	121				
1032-079010-0130			93(50)	3000(BW)		2100	105				
1032-079000-0130	FRIOSLIM MO-L1500-24V	20	93(50)	4000(BW)	25°x2	2260	113	1480	24	10.8	1500x155x100
1032-079020-0130			83(50)	076		2430	122				
1032-078910-0130			93(50)	3000(BW)		2310	105				
1032-078900-0130	FRIOSLIM MO-L1650-24V	22	93(50)	4000(BW)	25°x2	2490	113	1626	24	12.1	1645x150x100
1032-078920-0130			83(50)	076		2670	121				
1032-076110-0130			93(50)	3000(BW)		1500	107				
1032-076100-0130	FRIOSLIM HO-L775-24V	14	93(50)	4000(BW)	25°x2	1550	111	753	24	5.7	775x155x100
1032-076120-0130			83(50)	076		1670	119				
1032-076210-0130			93(50)	3000(BW)		2350	107				
1032-076200-0130	FRIOSLIM HO-L1200-24V	22	93(50)	4000(BW)	25°x2	2440	111	1189	24	9.0	1215x150x100
1032-076220-0130			83(50)	076		2620	119				
1032-076310-0130			93(50)	3000(BW)		2990	107				
1032-076300-0130	FRIOSLIM HO-L1500-24V	28	93(50)	4000(BW)	25°x2	3110	111	1480	24	10.8	1500x155x100
1032-076320-0130			83(50)	076		3340	119				
1032-076410-0130			93(50)	3000(BW)		3210	107				
1032-076400-0130	FRIOSLIM HO-L1650-24V	30	93(50)	4000(BW)	25°x2	3330	111	1626	24	12.1	1645x150x100
1032-076420-0130			83(50)	076		3580	119				
1032-090010-0130			93(50)	3000(BW)		310	103				
1032-090000-0130	FRIOSLIM LO-L775-24V-1	3	93(50)	4000(BW)	25°	330	110	753	24	5.7	775x155x100
1032-090020-0130			83(50)	076		360	120				
1032-090210-0130			93(50)	3000(BW)		490	102				
1032-090200-0130	FRIOSLIM LO-L1200-24V-1	4.8	93(50)	4000(BW)	25°	530	110	1189	24	9.0	1215x150x100
1032-090220-0130			83(50)	076		570	119				
1032-087210-0130			93(50)	3000(BW)		620	103				
1032-087200-0130	FRIOSLIM LO-L1500-24V-1	6	93(50)	4000(BW)	25°	670	112	1480	24	10.8	1500x155x100
1032-087220-0130			83(50)	076		720	120				
1032-090410-0130			93(50)	3000(BW)		700	103				
1032-090400-0130	FRIOSLIM LO-L1650-24V-1	6.8	93(50)	4000(BW)	25°	750	110	1626	24	12.1	1645x150x100
1032-090420-0130			83(50)	076		810	119				
1032-090110-0130			93(50)	3000(BW)		510	102				
1032-090100-0130	FRIOSLIM MO-L775-24V-1	5	93(50)	4000(BW)	25°	560	112	753	24	5.7	775x155x100
1032-090120-0130			83(50)	076		600	120				
1032-090310-0130			93(50)	3000(BW)		820	103				
1032-090300-0130	FRIOSLIM MO-L1200-24V-1	8	93(50)	4000(BW)	25°	890	111	1189	24	9.0	1215x150x100
1032-090320-0130			83(50)	076		950	119				
1032-079110-0130			93(50)	3000(BW)		1030	103				
1032-079100-0130	FRIOSLIM MO-L1500-24V-1	10	93(50)	4000(BW)	25°	1110	111	1480	24	10.8	1500x155x100
1032-079120-0130			83(50)	076		1190	119				
1032-078810-0130			93(50)	3000(BW)		1130	103				
1032-078800-0130	FRIOSLIM MO-L1650-24V-1	11	93(50)	4000(BW)	25°	1220	111	1626	24	12.1	1645x150x100
1032-078820-0130			83(50)	076		1310	119				

Specifications

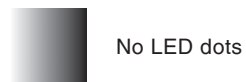
Order no.	Model	Power (W)	Ra (R9) typ	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	Length (mm)	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1032-079610-0130			93(50)	3000(BW)		720	103				
1032-079600-0130	FRIOSLIM HO-L775-24V-1	7	93(50)	4000(BW)	25°	780	111	753	24	5.7	775x155x100
1032-079620-0130			83(50)	076		830	119				
1032-079710-0130			93(50)	3000(BW)		1130	103				
1032-079700-0130	FRIOSLIM HO-L1200-24V-1	11	93(50)	4000(BW)	25°	1220	111	1189	24	9.0	1215x150x100
1032-079720-0130			83(50)	076		1310	119				
1032-079210-0130			93(50)	3000(BW)		1440	103				
1032-079200-0130	FRIOSLIM HO-L1500-24V-1	14	93(50)	4000(BW)	25°	1550	111	1480	24	10.8	1500x155x100
1032-079220-0130			83(50)	076		1670	119				
1032-079810-0130			93(50)	3000(BW)		1540	103				
1032-079800-0130	FRIOSLIM HO-L1650-24V-1	15	93(50)	4000(BW)	25°	1670	111	1626	24	12.1	1645x150x100
1032-079820-0130			83(50)	076		1790	119				

Photometrics



Accessories (optional)

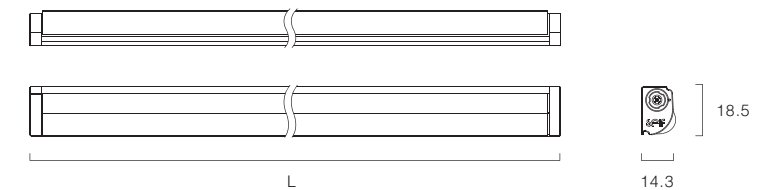
Order No.	Photo	Description	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1099-013660-0137		1500mm Input cable x1	100	4	400x225x230
1099-013660-1130		2500mm Input cable x1	100	4	400x225x230
1099-013660-1137		5000mm Input cable x1	100	4	400x225x230
1099-000154-0130		Vertical freezer mounting clip x2	700	11.5	505x300x250
1001-260021-0133		Model: SLT75-24VLC-E Matching driver, max. 75W. Input: 220-240VAC 2000mm cable +plug. Output: 24V 400mm cable +2*DSG plug. Comply with IEC60335-1.	30	15	-
-		Model: SLT96-24VLC-UN Matching driver, max. 96W. Input: 100-277VAC 2000mm cable +plug. Output: 24V 400mm cable +2*DSG plug. Comply with IEC60335-1.	30	11	445x375x205



- Housing: Extrusion aluminum oxidized.
- Optical cover: Extrusion plastic.
- LED parts: High efficacy chips, non-replaceable.
- Chromaticity tolerance (initial MacAdam): 3 SDCM.
- Input voltage: 24VDC.
- Ta: -30~35°C.
- Lifetime: 50,000 hrs (L80, B20, Ta = 25°C, 12 hrs/day).
- Main application: Canopy and shelf.
- Comply with IEC60335-2-89 annex BB/CC.
- Degree of protection: IP65.
- Impact resistance: IK02.
- N.W. : 70/145/210/290 g.



Dimensions: (mm)



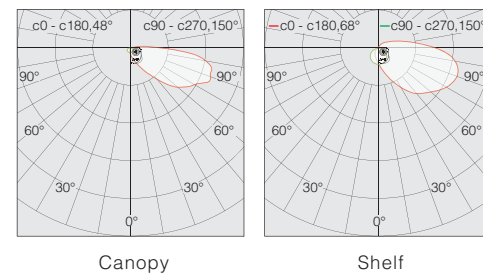
Specifications

Order no.	Model	Power (W)	Ra (R9) typ	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	Length (mm)	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1032-084310-0130			95(90)	3000(BW)		90	144				
1032-084300-0131	MULTIFRIO2 V5LO-L140-24V	0.6	95(90)	4000(BW)	68°	100	152	140	216	7.7	320x200x210
1032-084320-0130			85(60)	076		100	152				
1032-081810-0130			95(90)	3000(BW)		190	146				
1032-081800-0130	MULTIFRIO2 V5LO-L300-24V	1.4	95(90)	4000(BW)	68°	210	154	300	150	11.2	350x235x275
1032-081820-0130			85(60)	076		210	154				
1032-081910-0130			95(90)	3000(BW)		370	147				
1032-081900-0130	MULTIFRIO2 V5LO-L550-24V	2.5	95(90)	4000(BW)	68°	390	155	550	96	14.5	1280x275x85
1032-081920-0130			85(60)	076		390	155				
1032-078110-0130			95(90)	3000(BW)		560	147				
1032-078100-0130	MULTIFRIO2 V5LO-L850-24V	3.9	95(90)	4000(BW)	68°	600	155	850	48	16.5	1280x275x85
1032-078120-0130			85(60)	076		600	155				
1032-080910-0130			95(90)	3000(BW)		750	147				
1032-080900-0130	MULTIFRIO2 V5LO-L1150-24V	5.2	95(90)	4000(BW)	68°	810	155	1150	80	14.6	910x205x195
1032-080920-0130			85(60)	076		810	155				
1032-084210-0130			95(90)	3000(BW)		160	137				
1032-084200-0131	MULTIFRIO2 V5MO-L140-24V	1.2	95(90)	4000(BW)	48°	170	145	140	48	7.7	320x200x210
1032-084220-0130			85(60)	076		170	145				
1032-082010-0130			95(90)	3000(BW)		340	140				
1032-082000-0130	MULTIFRIO2 V5MO-L300-24V	2.4	95(90)	4000(BW)	48°	360	148	300	40	11.2	350x235x275
1032-082020-0130			85(60)	076		360	148				
1032-082110-0130			95(90)	3000(BW)		630	140				
1032-082100-0130	MULTIFRIO2 V5MO-L550-24V	4.5	95(90)	4000(BW)	48°	680	150	550	216	14.5	1280x275x85
1032-082120-0130			85(60)	076		680	150				
1032-078310-0130			95(90)	3000(BW)		970	140				
1032-078300-0130	MULTIFRIO2 V5MO-L850-24V	6.9	95(90)	4000(BW)	48°	1040	150	850	150	16.5	1280x275x85
1032-078320-0130			85(60)	076		1040	150				

Specifications

Order no.	Model	Power (W)	Ra (R9) typ	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	Length (mm)	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1032-078410-0130			95(90)	3000(BW)		1310	140				
1032-078400-0130	MULTIFRIO2 V5MO-L1150-24V	9.4	95(90)	4000(BW)	48°	1410	151	1150	48	14.6	910x205x195
1032-078420-0130			85(60)	076		1410	151				
1032-084110-0130			95(90)	3000(BW)		260	131				
1032-084100-0132	MULTIFRIO2 V5HO-L140-24V	2.0	95(90)	4000(BW)	48°	280	141	140	216	7.7	320x200x210
1032-084100-0131			85(60)	076		280	141				
1032-082210-0130			95(90)	3000(BW)		560	132				
1032-082200-0130	MULTIFRIO2 V5HO-L300-24V	4.2	95(90)	4000(BW)	48°	610	142	300	150	11.2	350x235x275
1032-082220-0130			85(60)	076		610	142				
1032-082310-0130			95(90)	3000(BW)		1040	134				
1032-082300-0130	MULTIFRIO2 V5HO-L550-24V	7.7	95(90)	4000(BW)	48°	1110	143	550	96	14.5	1280x275x85
1032-082320-0130			85(60)	076		1110	143				
1032-077910-0130			95(90)	3000(BW)		1610	135				
1032-077900-0130	MULTIFRIO2 V5HO-L850-24V	12.0	95(90)	4000(BW)	48°	1730	145	850	80	16.5	1280x275x85
1032-077920-0130			85(60)	076		1730	145				
1032-078010-0130			95(90)	3000(BW)		2150	134				
1032-078000-0130	MULTIFRIO2 V5HO-L1150-24V	16.0	95(90)	4000(BW)	48°	2320	145	1150	48	14.6	910x205x195
1032-078020-0130			85(60)	076		2320	145				

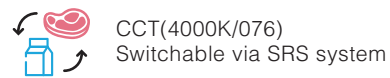
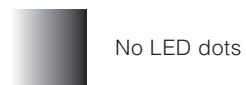
Photometrics



Accessories (optional)

Order No.	Photo	Description	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1099-000186-0137		1000mm Input cable x1	500	9.5	505x300x250
1099-013660-0137		1500mm Input cable x1	250	13.6	355x345x275
1099-000203-0130		2500mm Input cable x1	-	-	-
1099-000298-0130		3500mm Input cable x1	-	-	-
1099-013660-0136		60mm Extension cable x1	1000	5	250x165x170
1099-013660-1132		22mm DC connector x1	5000	9	250x165x170
1063-400094-0131		CABLE TRACK2-0101CA magnetic cable clip x1	-	-	-
1063-400050-0130		Canopy adjustable clip x1	1000	6	435x320x195
1099-013912-0131		Magnet clip x1	1800	14.8	435x320x195
1099-013660-0138		MF2 clip for Canopy & Shelf (W) x1	-	-	-
1099-013660-2139		Shelf connection clip x1	700	11.5	505x300x250
1099-013660-0134		Shelf Mounting clip x2	700	8.5	505x300x250
1001-610166-1130		Model: SLT150-24VVG-E Matching driver, max. 150W. Input: 220-240VAC 2000mm cable +plug. Output: 24V 400mm cable +2*DSG plug. Comply with IEC60335-1.	-	-	-

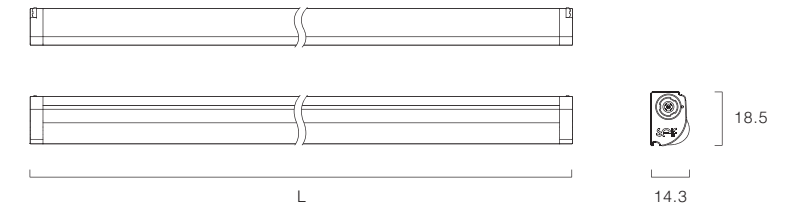
Model	Max. linkable (pcs)	Model	Max. linkable (pcs)	Model	Max. linkable (pcs)
MULTIFRIO2 V5LO-L140-24V	83	MULTIFRIO2 V5MO-L140-24V	55	MULTIFRIO2 V5HO-L140-24V	28
MULTIFRIO2 V5LO-L300-24V	42	MULTIFRIO2 V5MO-L300-24V	24	MULTIFRIO2 V5HO-L300-24V	13
MULTIFRIO2 V5LO-L550-24V	20	MULTIFRIO2 V5MO-L550-24V	11	MULTIFRIO2 V5HO-L550-24V	6
MULTIFRIO2 V5LO-L850-24V	13	MULTIFRIO2 V5MO-L850-24V	7	MULTIFRIO2 V5HO-L850-24V	4
MULTIFRIO2 V5LO-L1150-24V	9	MULTIFRIO2 V5MO-L1150-24V	5	MULTIFRIO2 V5HO-L1150-24V	3



- Housing: Extrusion aluminum oxidized.
- Optical cover: Extrusion plastic.
- LED parts: High efficacy chips, non-replaceable.
- Chromaticity tolerance (initial MacAdam): 3 SDCM.
- Input voltage: 24VDC.
- Ta: -30~35°C.
- Lifetime: 50,000 hrs (L80, B20, Ta = 25°C, 12 hrs/day).
- Main application: Canopy and shelf.
- Comply with IEC60335-2-89 annex BB/CC.
- Degree of protection: IP65.
- Impact resistance: IK02.
- N.W. : 70/145/210/290 g.



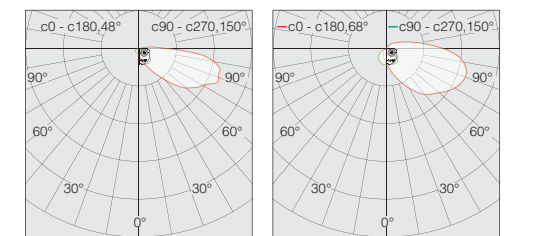
Dimensions: (mm)



Specifications












Order no.	Model	Power (W)	Ra (R9) typ	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	Length (mm)	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1032-092100-0131	MULTIFRIO2 V5DLO-L850-24V	3.9	95(90) 85(60)	4000(BW) 076	68°	540 540	138 138	850	80	16.5	1280x275x85
1032-092500-0131	MULTIFRIO2 V5DLO-L1150-24V	5.2	95(90) 85(60)	4000(BW) 076	68°	730 730	140 140	1150	48	14.6	910x205x195
1032-092300-0131	MULTIFRIO2 V5DMO-L850-24V	6.9	95(90) 85(60)	4000(BW) 076	48°	930 930	135 135	850	80	16.5	1280x275x85
1032-092600-0131	MULTIFRIO2 V5DMO-L1150-24V	9.4	95(90) 85(60)	4000(BW) 076	48°	1260 1260	134 134	1150	48	14.6	910x205x195
1032-092200-0131	MULTIFRIO2 V5DHO-L850-24V	12.0	95(90) 85(60)	4000(BW) 076	48°	1490 1490	124 124	850	80	16.5	1280x275x85
1032-092700-0131	MULTIFRIO2 V5DHO-L1150-24V	16.0	95(90) 85(60)	4000(BW) 076	48°	2000 2000	125 125	1150	48	14.6	910x205x195

Photometrics



MULTIFRIO2 V5D COOLER LIGHTING

Accessories (optional)

Order No.	Photo	Description	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1099-000186-0137		1000mm Input cable x1	500	9.5	505x300x250
1099-013660-0137		1500mm Input cable x1	250	13.6	355x345x275
1099-000203-0130		2500mm Input cable x1	-	-	-
1099-000298-0130		3500mm Input cable x1	-	-	-
1099-013660-0136		60mm Extension cable x1	1000	5	250x165x170
1099-013660-1132		22mm DC connector x1	5000	9	250x165x170
1063-400094-0131		CABLE TRACK2-0101CA magnetic cable clip x1	-	-	-
1063-400050-0130		Canopy adjustable clip x1	1000	6	435x320x195
1099-013912-0131		Magnet clip x1	1800	14.8	435x320x195
1099-013660-0138		MF2 clip for Canopy & Shelf (W) x1	-	-	-
1099-013660-2139		Shelf connection clip x1	700	11.5	505x300x250
1099-013660-0134		Shelf Mounting clip x2	700	8.5	505x300x250
1001-610166-1130		Model: SLT150-24VLG-E Matching driver, max. 150W. Input: 220-240VAC 2000mm cable +plug. Output: 24V 400mm cable +2*DSG plug. Comply with IEC60335-1.	-	-	-
-		SRS system for Refrigerator lighting Including: SRS301A Timer center SRS302A Controller SRS303A Sensor Switch SRS APP	-	-	-

MULTIFRIO2 V5D COOLER LIGHTING

Model	Max. linkable (pcs)
MULTIFRIO2 V5DLO-L850-24V	13
MULTIFRIO2 V5DLO-L1150-24V	9
MULTIFRIO2 V5DMO-L850-24V	7
MULTIFRIO2 V5DMO-L1150-24V	5
MULTIFRIO2 V5DHO-L850-24V	4
MULTIFRIO2 V5DHO-L1150-24V	3



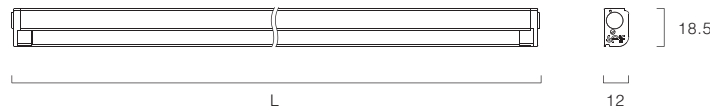


- Housing: Extrusion aluminum oxidized.
- Optical cover: Extrusion plastic.
- LED parts: High efficacy chips, non-replaceable.
- Chromaticity tolerance (initial MacAdam): 3 SDCM.
- Input voltage: 24VDC.
- Ta: -30~35°C.
- Lifetime: 50,000 hrs (L80, B20, Ta = 25°C, 12 hrs/day).
- Main application: Canopy and shelf,
Comply with IEC60335-2-89 annex BB/CC.

Degree of protection: IP65.
 • Impact resistance: IK02.
 • N.W. : 70/145/210/290 g.



Dimensions: (mm)



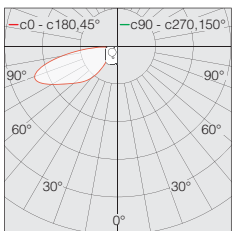
Specifications

Order no.	Model	Power (W)	Ra (R9) typ	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	Length (mm)	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1030-128117-0130			93(50)	3000(BW)		76	76		216		
1030-128017-0130	MULTIFRIO2 LO-L28-24V	0.8	93(50)	4000(BW)	45°	83	83	140	216	7.7	320x200x210
1030-128217-0130			83(50)	076		90	90		216		
1030-160147-0130			93(50)	3000(BW)		200	200		150		
1030-160047-0130	MULTIFRIO2 LO-L60-24V	1.7	93(50)	4000(BW)	45°	210	210	300	150	11.2	350x235x275
1030-160247-0130			83(50)	076		230	230		150		
1030-200138-0130			93(50)	3000(BW)		390	390		96		
1030-200038-0130	MULTIFRIO2 LO-L114-24V	3.4	93(50)	4000(BW)	45°	410	410	600	96	14.5	1280x275x85
1030-200238-0130			83(50)	076		440	440		96		
1030-200139-0130			93(50)	3000(BW)		570	570		80		
1030-200039-0130	MULTIFRIO2 LO-L162-24V	4.8	93(50)	4000(BW)	45°	600	600	850	80	16.8	910x205x195
1030-200239-0130			83(50)	076		650	650		80		
1030-200134-0130			93(50)	3000(BW)		790	790		48		
1030-200034-0130	MULTIFRIO2 LO-L228-24V	6.7	93(50)	4000(BW)	45°	840	840	1200	48	14.6	1280x275x85
1030-200234-0130			83(50)	076		900	900		48		
-			93(50)	3000(BW)		130	130		216		
1030-128018-0130	MULTIFRIO2 MO-L28-24V	1.4	93(50)	4000(BW)	45°	140	140	140	216	8.4	320x200x210
			83(50)	076		150	150		216		

Specifications







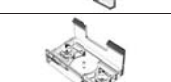




Order no.	Model	Power (W)	Ra (R9) typ	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	Length (mm)	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1030-160150-0130			93(50)	3000(BW)		340	340				
1030-160050-0130	MULTIFRIO2 MO-L60-24V	8.5	93(50)	4000(BW)	45°	350	350	300	150	11.5	350x235x275
1030-160250-0130			83(50)	076		380	380				
1030-200154-0130			93(50)	3000(BW)		670	670				
1030-200054-0130	MULTIFRIO2 MO-L114-24V	12	93(50)	4000(BW)	45°	710	710	600	96	13.5	1280x275x85
1030-200254-0130			83(50)	076		770	770				
1030-200149-0130			93(50)	3000(BW)		950	950				
1030-200049-0130	MULTIFRIO2 MO-L162-24V	5	93(50)	4000(BW)	45°	1010	1010	850	80	15	910x205x195
1030-200249-0130			83(50)	076		1090	1090				
1030-200155-0130			93(50)	3000(BW)		1340	112				
1030-200055-0130	MULTIFRIO2 MO-L228-24V	12	93(50)	4000(BW)	45°	1420	118	1200	48	13.8	1280x275x85
1030-200255-0130			83(50)	076		1530	128				
1030-128120-0130			93(50)	3000(BW)		220	92				
1030-128020-0130	MULTIFRIO2 HO-L28-24V	2.4	93(50)	4000(BW)	45°	240	100	140	216	8.4	320x200x210
1030-128220-0130			83(50)	076		250	104				
1030-160151-0130			93(50)	3000(BW)		530	106				
1030-160051-0130	MULTIFRIO2 HO-L60-24V	5	93(50)	4000(BW)	45°	560	112	300	150	11.5	350x235x275
1030-160251-0130			83(50)	076		600	120				
1030-200153-0130			93(50)	3000(BW)		1040	104				
1030-200053-0130	MULTIFRIO2 HO-L114-24V	10	93(50)	4000(BW)	45°	1120	112	600	96	14.5	1280x275x85
1030-200253-0130			83(50)	076		1200	120				
1030-200158-0130			93(50)	3000(BW)		1530	106				
1030-200058-0130	MULTIFRIO2 HO-L162-24V	14.5	93(50)	4000(BW)	45°	1620	112	850	80	17.2	910x205x195
1030-200258-0130			83(50)	076		1750	121				
1030-200145-0130			93(50)	3000(BW)		2090	105				
1030-200045-0130	MULTIFRIO2 HO-L228-24V	20	93(50)	4000(BW)	45°	2230	112	1200	48	14.5	1280x275x85
1030-200245-0130			83(50)	076		2400	120				

Photometrics



MULTIFRIO2 COOLER LIGHTING

Accessories (optional)

Order No.	Photo	Description	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1099-013660-0137		1500mm Input cable x1	250	13.6	355x345x275
1099-013660-1130		2500mm Input cable x1	-	-	-
1099-013660-0135		1500mm Input cable x1	-	-	-
1099-013660-3133		2500mm Input cable x1	-	-	-
1099-013660-0136		60mm Extension cable x1	1000	5	250x165x170
1099-013660-1132		22mm DC connector x1	5000	9	250x165x170
1063-400094-0131		CABLE TRACK2-0101CA magnetic cable clip x1	-	-	-
1063-400050-0130		Canopy adjustable clip x1	1000	6	435x320x195
1099-013912-0131		Magnet clip x1	1800	14.8	435x320x195
1099-013660-0138		MF2 clip for Canopy & Shelf (W) x1	-	-	-
1099-013660-2139		Shelf connection clip x1	700	11.5	505x300x250
1099-013660-0134		Shelf Mounting clip x2	700	8.5	505x300x250
1001-260021-0133		Model: SLT150-24VLG-E Matching driver, max. 150W. Input: 220-240VAC 2000mm cable +plug. Output: 24V 400mm cable +2*DSG plug. Comply with IEC60335-1.	-	-	-



MULTIFRIO2 COOLER LIGHTING

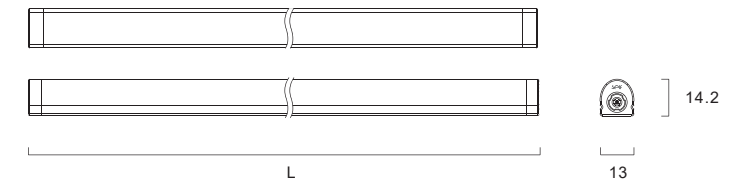
Model	Max. linkable (pcs)	Model	Max. linkable (pcs)	Model	Max. linkable (pcs)
MULTIFRIO2 LO-L60-24V	17	MULTIFRIO2 MO-L60-24V	10	MULTIFRIO2 HO-L60-24V	6
MULTIFRIO2 LO-L114-24V	8	MULTIFRIO2 MO-L114-24V	5	MULTIFRIO2 HO-L114-24V	17
MULTIFRIO2 LO-L162-24V	6	MULTIFRIO2 MO-L162-24V	3	MULTIFRIO2 HO-L162-24V	8
MULTIFRIO2 LO-L228-24V	4	MULTIFRIO2 MO-L228-24V	4	MULTIFRIO2 HO-L228-24V	6



- Housing: Extrusion aluminum oxidized.
- Optical cover: Extrusion plastic.
- LED parts: High efficacy chips, non-replaceable.
- Chromaticity tolerance (initial MacAdam): 3 SDCM.
- Input voltage: 24VDC.
- Ta: -30~35°C.
- Lifetime: 50,000 hrs (L80, B20, Ta = 25°C, 12 hrs/day).
- Main application: Cooler shelf and Island, comply with IEC60335-2-89 annex BB/CC.
- Impact resistance: IK02.
- Degree of protection: IP65.
- N.W. : 174/246/347 g.



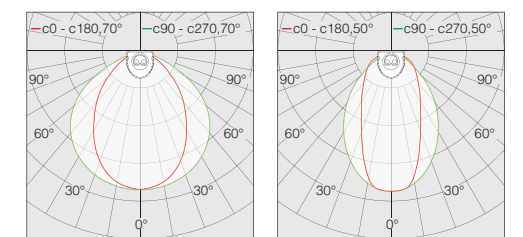
Dimensions: (mm)











Specifications

Order no.	Model	Power (W)	Ra (R9) typ	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	Length (mm)	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1032-100210-0130	FROZEN4 LO-L575-24V	3	90(50)	3000	70°	350	116	575	200	14.5	605x345x185
1032-100200-0131			90(50)	4000		370	122				
1032-100810-0130	FROZEN4 MO-L575-24V	6	90(50)	3000	70°	680	112	575	200	14.5	605x345x185
1032-100800-0130			90(50)	4000		710	118				
1032-100510-0130	FROZEN4 HO-L575-24V	10	90(50)	3000	50°	1100	109	575	200	14.5	605x345x185
1032-100500-0130			90(50)	4000		1150	115				
1032-100310-0130	FROZEN4 LO-L850-24V	5	90(50)	3000	70°	530	116	850	80	9.3	915x180x150
1032-100300-0130			90(50)	4000		550	122				
1032-100910-0130	FROZEN4 MO-L850-24V	9	90(50)	3000	70°	1010	112	850	80	9.3	915x180x150
1032-100900-0130			90(50)	4000		1070	118				
1032-100610-0130	FROZEN4 HO-L850-24V	15	90(50)	3000	50°	1640	109	850	80	9.3	915x180x150
1032-100600-0130			90(50)	4000		1730	115				
1032-100410-0130	FROZEN4 LO-L1150-24V	6	90(50)	3000	70°	700	116	1150	80	12	1170x175x140
1032-100400-0130			90(50)	4000		740	122				
1032-101010-0130	FROZEN4 MO-L1150-24V	12	90(50)	3000	70°	1350	112	1150	80	12	1170x175x140
1032-101000-0130			90(50)	4000		1420	118				
1032-100710-0130	FROZEN4 HO-L1150-24V	20	90(50)	3000	50°	2190	109	1150	80	12	1170x175x140
1032-100700-0130			90(50)	4000		2300	115				

Photometrics



Accessories (optional)

Order No.	Photo	Description	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1099-013660-0137		1500mm Input cable x1	250	13.6	355x345x275
1099-013660-0136		60mm Extension cable x1	1000	5	400x225x230
1099-013660-1132		Hard connector x1	5000	9	250x165x170
1099-013380-0130		ARROW-0201 Mounting clips 0° x 2	2000	3.5	250x245x185
1099-013380-0131		ARROW-0202 Mounting clips 45° x 2	2000	3.5	250x245x185
1099-013380-0132		ARROW-0203 Magnet mounting clips x 2	2000	13.5	250x245x185
1099-013380-0133		ARROW-0204 Magnet mounting clips 45° x 2	2000	13.5	250x245x185
1001-260021-0133		Model: SLT75-24VL-E Matching driver, max. 75W. Input: 220-240VAC 2000mm cable + plug. Output: 24V 400mm cable +2*DSG plug. Comply with IEC60335-1.	30	15	425x265x350

Model	Max. linkable (pcs)
FROZEN4 LO-L575-24V	12
FROZEN4 MO-L575-24V	8
FROZEN4 HO-L575-24V	6
FROZEN4 LO-L850-24V	8
FROZEN4 MO-L850-24V	5
FROZEN4 HO-L850-24V	4
FROZEN4 LO-L1150-24V	6
FROZEN4 MO-L1150-24V	4
FROZEN4 HO-L1150-24V	3

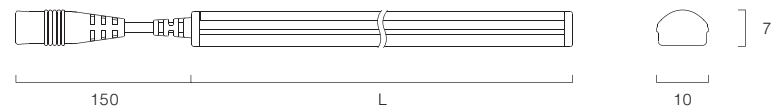




- Housing: Extrusion aluminum oxidized.
 - Optical cover: Extrusion plastic.
 - LED parts: High efficacy chips, non-replaceable.
 - Chromaticity tolerance (initial MacAdam): 3 SDCM.
 - Input voltage: 24VDC.
 - Ta: -30~35°C.
 - Lifetime: 50,000 hrs (L80, B20, Ta = 25°C, 12 hrs/Day).
 - Main application: Cooler shelf, comply with IEC60335-2-89 annex BB/CC.
- Degree of protection: IP65.
 - Impact resistance: IK02.
 - N.W. : 50/68/92 g.



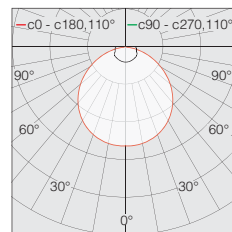
Dimensions: (mm)



Specifications

Order no.	Model	Power (W)	Ra(R9) (typ.)	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	Length (mm)	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1032-035010-0130	AUXO3-L28-24V	3.4	93(50)	3000(BW)	110°	350	103	600	180	11.6	645x280x230
1032-035000-0130			93(50)	4000(BW)		370	109				
1032-035000-0131			83(00)	6500K		430	126				
1032-035020-0130			83(50)	076		400	118				
1032-035110-0130	AUXO3-L42-24V	4.8	93(50)	3000(BW)	110°	500	104	850	120	10.4	645x280x230
1032-035100-0130			93(50)	4000(BW)		540	113				
1032-035100-0131			83(00)	6500K		620	130				
1032-035120-0130			83(50)	076		580	121				
1032-035310-0130	AUXO3-L56-24V	6.7	93(50)	3000(BW)	110°	690	103	1200	120	13.9	1280x200x170
1032-035300-0130			93(50)	4000(BW)		750	112				
1032-035300-0131			83(00)	6500K		860	128				
1032-035320-0130			83(50)	076		800	119				

Photometrics



Accessories (optional)

Order No.	Photo	Description	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1099-000156-0130		Magnet mounting clip x2	2500	15	265x230x240
1063-000042-0130		Mounting clip x2	2000	13.5	250x245x185
1099-013660-0137		1500mm Input cable x1	100	4	400x225x230
1001-260021-0133		Model: SLT75-24VL-E Matching driver, max. 75W. Input: 220-240VAC 2000mm cable +plug. Output: 24V 400mm cable +2*DSG plug. Comply with IEC60335-1.	30	15	425x265x350





- Housing: Extrusion aluminum oxidized.
- Optical cover: Extrusion plastic.
- LED parts: High efficacy chips, non-replaceable.
- Chromaticity tolerance (initial MacAdam): 3 SDCM.
- Input voltage: 24VDC.
- Ta: -30~35°C.
- Lifetime: 50,000 hrs (L80, B20, Ta = 25°C, 12 hrs/day).
- Main application: Cooler shelf, comply with IEC60335-2-89 annex BB/CC.
- Degree of Protection: IP65.
- Impact resistance: IK02.
- N.W. : 135/190/258 g.



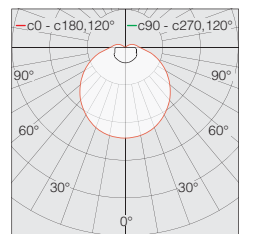
Dimensions: (mm)



Specifications

Order no.	Model	Power (W)	Ra (R9) typ	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	Length (mm)	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1032-037010-0130			93(50)	3000(BW)		460	102				
1032-037000-0130	COOSCH2-L66-24V	4.5	93(50)	4000(BW)	120°	500	111	575	60	8.7	620x275x125
1032-037020-0130			83(50)	076		540	120				
1032-037110-0130			93(50)	3000(BW)		640	100				
1032-037100-0130	COOSCH2-L96-24V	6.4	93(50)	4000(BW)	120°	700	109	850	54	12.3	895x195x140
1032-037120-0130			83(50)	076		760	119				
1032-037210-0130			93(50)	3000(BW)		910	101				
1032-037200-0130	COOSCH2-L132-24V	9.0	93(50)	4000(BW)	120°	990	110	1150	25	8.7	1230x120x120
1032-037220-0130			83(50)	076		1070	119				

Photometrics



Accessories (optional)

Order No.	Photo	Description	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1099-013660-0137		1500mm Input cable x1	250	13.6	355x345x275
1099-013660-0135		1500mm Input cable with angle plug x1	100	4	400x225x230
1099-013660-0136		60mm Extension cable x1	1000	5	400x225x230
1099-013660-1132		Hard connector x1	5000	9	250x165x170
1063-000045-0130		30° Mounting clip x2	300	4.5	250x165x170
1001-260021-0133		Model: SLT75-24VL-E Matching driver, max. 75W. Input: 220-240VAC 2000mm cable +plug. Output: 24V 400mm cable +2*DSG plug. Comply with IEC60335-1.	30	15	425x265x350



Model	Max. linkable (pcs)
COOSCH2-L98-24V	10
COOSCH2-L140-24V	7
COOSCH2-L196-24V	5



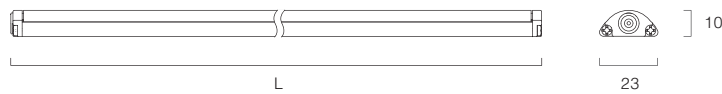


- Housing: Extrusion aluminum oxidized.
- Optical cover: Extrusion plastic.
- LED parts: High efficacy chips, non-replaceable.
- Chromaticity tolerance (initial MacAdam): 3 SDCM.
- Input voltage: 24VDC.
- Ta: -30~35°C.
- Lifetime: 50,000 hrs (L80, B20, Ta = 25°C, 12 hrs/Day).
- Main application: Serve-over counter, Comply with IEC60335-2-89 annex BB/CC.

- Degree of protection: IP44.
- Impact resistance: IK02.
- N.W. : 55/121/176/238 g.



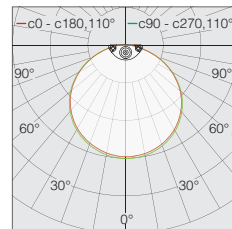
Dimensions: (mm)



Specifications

Order no.	Model	Power (W)	Ra(R9) typ	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	Length (mm)	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1032-024610-0130			93(60)	3000(BW)		340	94				
1032-024600-0130	LINSH2-L21-24V	3.6	93(60)	4000(BW)	110°	370	103	250	180	11.8	305x260x265
1032-024620-0130			83(50)	076		400	111				
1032-068010-0130			93(60)	3000(BW)		680	95				
1032-068000-0131	LINSH2-L42-24V	7.2	93(60)	4000(BW)	110°	740	103	420	128	13.1	930x225x125
-			83(50)	076		800	111				
1032-024710-0130			93(60)	3000(BW)		910	95				
1032-024700-0130	LINSH2-L56-24V	9.6	93(60)	4000(BW)	110°	990	103	575	100	13.9	1280x275x85
1032-024720-0130			83(50)	076		1070	111				
1032-024810-0130			93(60)	3000(BW)		1370	95				
1032-024800-0130	LINSH2-L84-24V	14.4	93(60)	4000(BW)	110°	1480	103	850	64	13.1	930x225x125
1032-024820-0130			83(50)	076		1600	111				
1032-024910-0130			93(60)	3000(BW)		1820	95				
1032-024900-0130	LINSH2-L112-24V	19.2	93(60)	4000(BW)	110°	1980	103	1150	50	14.2	1230x275x85
1032-024920-0130			83(50)	076		2140	111				

Photometrics



Accessories (optional)

Order No.	Photo	Description	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1099-013660-0137		1500mm Input cable x1	100	4	400x225x230
1099-013660-1132		Hard connector x1	5000	9	400x225x230
1099-013333-0130		Mounting clips x2	1000	7.8	505x300x250
1099-013662-0130		Magnet mounting clip x2	300	4.45	250x160x170
1099-000106-0130		45°Magnetic mounting clip x2	300	4	250x160x170
1001-260021-0133		Model: SLT75-24VL-E Matching driver, max. 75W. Input: 220-240VAC 2000mm cable +plug. Output: 24V 400mm cable +2*DSG plug. Comply with IEC60335-1.	30	15	425x265x350

Model	Max. linkable (pcs)
LINSH2-L21-24V	10
LINSH2-L42-24V	5
LINSH2-L56-24V	4
LINSH2-L84-24V	3
LINSH2-L112-24V	2

TAGLED3 COOLER LIGHTING



TAGLED3 COOLER LIGHTING

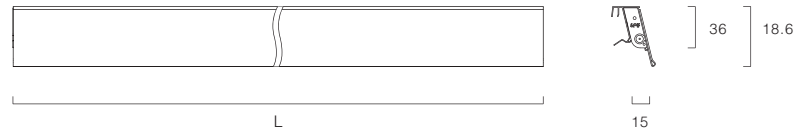


- Housing: Extrusion plastic.
- Optical lens: Extrusion plastic.
- LED parts: High efficacy chips, non-replaceable.
- Chromaticity tolerance (initial MacAdam): 3 SDCM.
- Input voltage: 24 VDC.
- Ta: -30~35°C.
- Lifetime: 50,000 hrs (L80, B20, Ta = 25°C, 12hrs/day).
- Main application: Cooler shelf, comply with IEC60335-2-89 annex BB/CC.

- Degree of Protection: IP65.
- Impact resistance: IK02.
- N.W. : 108/153/211 g.



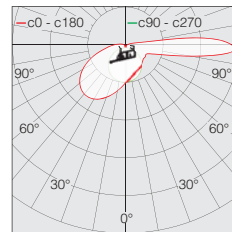
Dimensions: (mm)



Specifications

Order no.	Model	Power (W)	Ra(R9) typ	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	Length (mm)	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1032-027510-0130			93(50)	3000K(BW)		500	83				
1032-027500-0130	TAGLED3 MO-L42-24V	6	93(50)	4000K(BW)	20°+50°	540	90	600	25	3.3	645x245x125
1032-027520-0130			83(50)	076		580	97				
1032-033410-0130			93(50)	3000K(BW)		710	84				
1032-033400-0130	TAGLED3 MO-L63-24V	8.5	93(50)	4000K(BW)	20°+50°	770	91	850	25	4.6	895x245x125
1032-033420-0130			83(50)	076		820	96				
1032-036610-0130			93(50)	3000K(BW)		1010	84				
1032-036600-0130	TAGLED3 MO-L77-24V	12	93(50)	4000K(BW)	20°+50°	1090	91	1200	25	6.5	1245x245x125
1032-036620-0130			83(50)	076		1170	98				

Photometrics

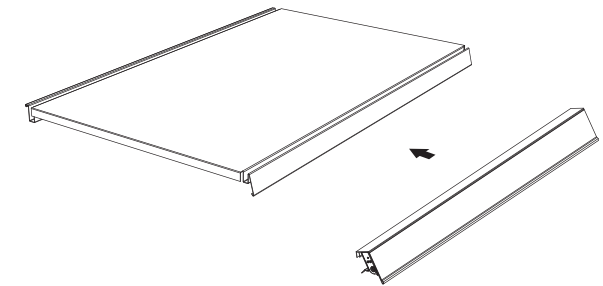


TAGLED3 COOLER LIGHTING

Accessories (optional)

Order No.	Photo	Description	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1099-013660-0137		1500mm Input cable x1	100	4	400x225x230
1099-013660-0135		1500mm Input cable x1	100	4	400x225x230
1063-000044-0130		1200mm TAGLED3-0201 holder x1	10	4.8	1245x245x125
1001-260021-0133		Model: SLT75-24VL-E Matching driver, max. 75W. Input: 220-240VAC 2000mm cable +plug. Output: 24V 400mm cable +2*DSG plug. Comply with IEC60335-1.	30	11	425x265x350

Installation





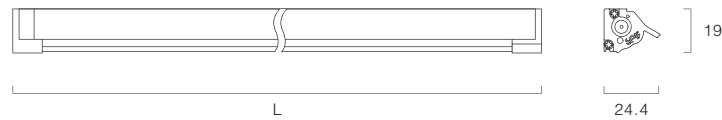


- Housing: Extrusion aluminum oxidized.
- Optical cover: Extrusion plastic.
- LED parts: High efficacy chips, non-replaceable.
- Chromaticity tolerance (initial MacAdam): 3 SDCM.
- Input voltage: 24VDC.
- Ta: -30~35°C.
- Lifetime: 50,000 hrs (L80, B20, Ta = 25°C, 12 hrs/day).
- Main application: Transparent island, Comply with IEC60335-2-89 annex BB/CC.

- Degree of Protection: IP65.
- Impact resistance: IK02.
- N.W. : 120g/210g/380 g.



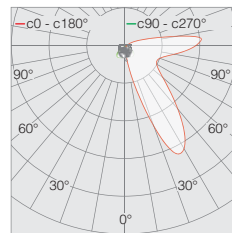
Dimensions: (mm)



Specifications

Order no.	Model	Power (W)	Ra(R9) typ	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	Length (mm)	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1032-034610-0130	FRIGG2-L28-24V	4.8	93(50)	3000(BW)	25°+40°	380	79	250	100	7.5	325x290x300
1032-034600-0130			93(50)	4000(BW)		410	85				
1032-034600-0131			93(50)	5000		380	79				
1032-034620-0130			83(50)	076		410	85				
1032-034710-0130	FRIGG2-L56-24V	9.6	93(50)	3000(BW)	25°+40°	760	79	575	70	12.5	635x195x28
1032-034700-0130			93(50)	4000(BW)		820	85				
1032-034700-0131			93(50)	5000		760	79				
1032-034720-0130			83(50)	076		820	85				
1032-034810-0130	FRIGG2-L112-24V	19.2	93(50)	3000(BW)	25°+40°	1520	79	1150	40	13.5	1225x235x135
1032-034800-0130			93(50)	4000(BW)		1640	85				
1032-034800-0131			93(50)	5000		1520	79				
1032-034820-0130			83(50)	076		1640	86				

Photometrics



Accessories (optional)

Order No.	Photo	Description	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1099-013660-0137		1500mm Input cable x1	100	4	400x225x230
1099-013660-0135		1500mm Input cable x1	100	4	400x225x230
1099-013660-0136		60mm Extension cable x1	1000	5	250x165x170
1099-013660-1132		Hard connector x1	5000	9	250x165x170
1099-013660-0133		Horizontal freezer mounting clip x 1	700	8.5	505x300x250
1001-610166-1130		Model: SLT150-24VLG-E Matching driver, max. 100W. Input: 220-240VAC 2000mm cable +plug. Output: 24V 400mm cable +2*DSG plug. Comply with IEC60335-1.	30	15	-

Model	Max. linkable (pcs)
FRIGG2-L28-24V	8
FRIGG2-L56-24V	4
FRIGG2-L112-24V	2

Visible Light But Invisible Fixture

A linear LED lighting series for
shelf display requirements.

Unique optical design evenly distributes the bright and consistent illuminance for display area, thus optimizing performance significantly and making anti-glare effects more efficient. Superior stylish appearance: concise, delicate and slim, enable to be hidden by shelves well and meet the high standards of different lighting applications. Smooth continuous lighting with dark spot free at the linking point. Easy and quick installation based on our "plug and play" system. Together with our high quality LED drivers and Smarts Control system, we can offer the best and full set display lighting solutions.















SHELF & FURNITURE LIGHTING



SMART MINITRACK System

Display & shelf & furniture lighting

333



AUXO3
353



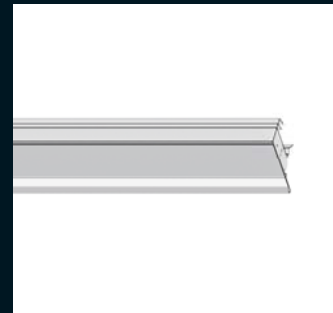
ARROW2
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MINILINEAR2
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MINILINEAR4
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TAGLED3
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ARC3
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FLINEAR
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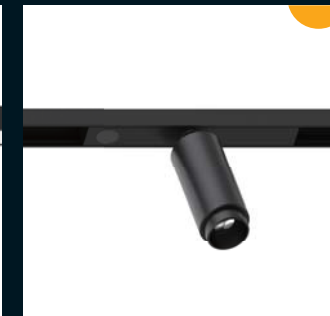
FLINEAR2
377

Display & shelf & furniture lighting

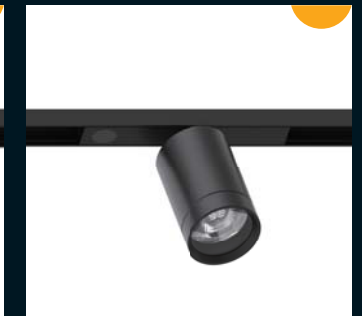
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SMT SERIES
381



SMT EYES2
385



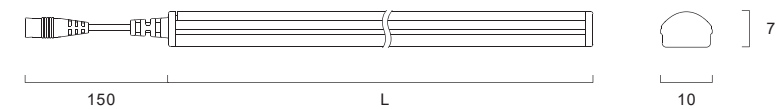
SMT EYES3
387



- Housing: Extrusion aluminum oxidized.
- Optical cover: Extrusion plastic.
- LED parts: High efficacy chips, non-replaceable.
- Chromaticity tolerance (initial MacAdam): 3 SDCM.
- Input voltage: 24VDC.
- Ta: -30~35°C.
- Lifetime: 50,000 hrs (L80, B20, Ta = 25°C, 12 hrs/Day).
- Degree of protection: IP65.
- Impact resistance: IK02.
- N.W. : 50/68/92 g.



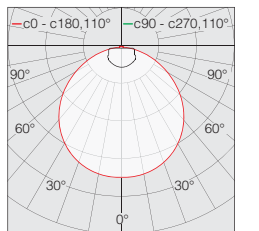
Dimensions: (mm)



Specifications

Order no.	Model	Power (W)	Ra(R9) (typ.)	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	Length (mm)	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1032-035010-0130	AUXO3-L28-24V	3.4	93(50)	3000(BW)	110°	350	103	600	216	13.5	1545x175x235
1032-035000-0130			93(50)	4000(BW)		370	109	216			
1032-035110-0130	AUXO3-L42-24V	4.8	93(50)	3000(BW)	110°	500	104	850	96	8.5	1060x180x150
1032-035100-0130			93(50)	4000(BW)		540	113	96			
1032-035310-0130	AUXO3-L56-24V	6.7	93(50)	3000(BW)	110°	690	103	1200	108	12.7	1425x145x160
1032-035300-0130			93(50)	4000(BW)		750	112	108			

Photometrics



Accessories (optional)

Order No.	Photo	Description	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1099-000156-0130		Magnet mounting clip x2	2000	3.5	250x245x185
1063-000042-0130		Mounting clip x2	2000	13.5	250x245x185
1099-013660-0137		1500mm Input cable x1	100	4	400x225x230
1001-260021-0133		Model: SLT75-24VL-E Matching driver, max. 75W. Input: 220-240VAC 2000mm cable +plug Output: 24V 400mm cable +2*DSG plug	30	15	425x265x350



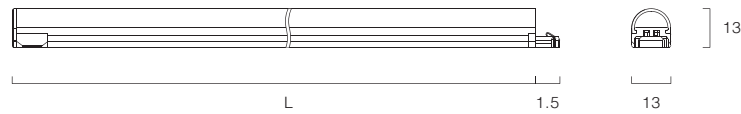




- Housing: Extrusion aluminum oxidized.
- Optical cover: Extrusion plastic.
- LED parts: High efficacy chips, non-replaceable.
- Chromaticity tolerance (initial MacAdam): 5 SDCM.
- Input voltage: 24 VDC.
- Ta: -20~35°C.
- Lifetime: 50,000 hrs (L80, B20, Ta = 25°C, 12hrs/day).
- Degree of Protection: IP20.
- Impact resistance: IK02.
- N.W. : 31/47/91/138/180 g.



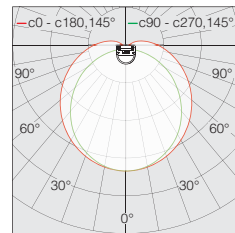
Dimensions: (mm)



Specifications

Order no.	Model	Power (W)	Ra(R9) (typ.)	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	Length (mm)	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1032-023610-0132	ARROW2-L35-24V	2.5	90(50)	3000	145°	290	115	200	252	10.3	305x240x275
1032-023600-0133											
1032-023710-0132	ARROW2-L49-24V	4.0	90(50)	3000	145°	460	115	300	150	8.5	330x230x190
1032-023700-0132											
1032-023810-0132	ARROW2-L91-24V	7.5	90(50)	3000	145°	860	115	570	144	16.2	1280x275x85
1032-023800-0132											
1032-023910-0132	ARROW2-L140-24V	11.5	90(50)	3000	145°	1320	115	870	72	12.4	990x275x85
1032-023900-0132											
1032-024010-0132	ARROW2-L182-24V	15.0	90(50)	3000	145°	1725	115	1140	60	13.2	1230x2258x125
1032-024000-0132											

Photometrics



Accessories (optional)

Order No.	Photo	Description	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1099-013380-0130		ARROW-0201 Mounting clips 0° x 2	2000	3.5	250x245x185
1099-013380-0131		ARROW-0202 Mounting clips 45° x 2	2000	3.5	250x245x185
1099-013380-0132		ARROW-0203 Magnet mounting clips x 2	2000	13.5	250x245x185
1099-013380-0133		ARROW-0204 Magnet mounting clips 45° x 2	2000	13.5	250x245x185
1099-013777-0130		ARROW-0101 Input cable 1510mm x 1	300	7.5	365x325x175
1099-013380-0135		ARROW-0104 Soft connector 500mm x 1	250	4.5	405x300x250
1001-260021-1133		Model: SLT75-24VL-E Matching driver, max. 75W. Input: 220 - 240 VAC, 2000mm cable+plug. Output: 24 V, 530mm cable+JB-4A Junction box	30	15	425x265x350

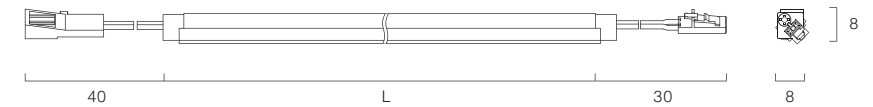
Model Name	Max. linkable (pcs)
ARROW2-L35-24V	18
ARROW2-L49-24V	12
ARROW2-L91-24V	6
ARROW2-L140-24V	4
ARROW2-L182-24V	3



- Housing: Extrusion aluminum oxidized.
- Optical cover: Extrusion plastic.
- LED parts: High efficacy chips, non-replaceable.
- Chromaticity tolerance (initial MacAdam): 3 SDCM.
- Input voltage: 24 VDC.
- Ta: -20~35°C.
- Lifetime: 50,000 hrs (L80, B20, Ta = 25°C, 12hrs/day).
- Degree of Protection: IP20.
- Impact resistance: IK02.
- N.W. : 15/20/41/71 g.



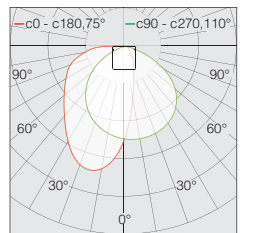
Dimensions: (mm)



Specifications

Order no.	Model	Power (W)	Ra(R9) (typ.)	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	Length (mm)	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1032-011300-0131	MINI LINEAR2-L7-24V	1.3	93(50)	3000(BW)	75°	110	85	145	100	2.5	300x300x280
1032-011300-0132								120			
1030-114113-0130	MINI LINEAR2-L14-24V	2.5	93(50)	3000(BW)	75°	210	84	270	80	3.1	345x290x230
1030-114013-0130								230			
1030-128112-0130	MINI LINEAR2-L28-24V	5	93(50)	3000(BW)	75°	420	84	520	100	6	580x305x295
1030-128012-0130								460			
1030-149105-0130	MINI LINEAR2-L49-24V	8.75	93(50)	3000(BW)	75°	730	83	895	80	7.5	980x325x235
1030-149005-0130								800			

Photometrics



Accessories (optional)

Order No.	Photo	Description	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1099-000086-0136		3000mm Extension cable halogen free x 1	300	9.2	445x335x220
1001-210056-0133		Model: SLT40-24VL-UN Matching driver, max. 40W. Input: 100-240VAC Output: 24V 230mm cable + 6 way junction box	50	10.5	385x350x275



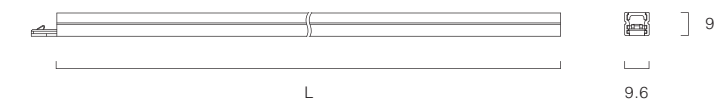
Model Name	Max. linkable (pcs)	Max. linkable (pcs)
MINI LINEAR2-L7-24V	20	MINI LINEAR2-L28-24V 5
MINI LINEAR2-L14-24V	11	MINI LINEAR2-L49-24V 3



- Housing: Extrusion aluminum oxidized.
- Optical cover: Extrusion plastic.
- LED parts: High efficacy chips, non-replaceable.
- Chromaticity tolerance (initial MacAdam): 3 SDCM.
- Input voltage: 24 VDC.
- Ta: -20~35°C.
- Lifetime: 50,000 hrs (L80, B20, Ta = 25°C, 12hrs/day).
- Degree of Protection: IP20.
- Impact resistance: IK02.
- N.W. : 388/540 g.



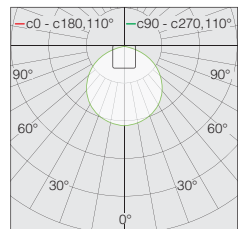
Dimensions: (mm)



Specifications






Order no.	Model	Power (W)	Ra(R9) (typ.)	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	Length (mm)	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1032-019310-0130	MINI LINEAR4-L28-24V	2	85(50)	3000(BW) 4000(BW)	110°	180 190	90 95	200	153	5.4	240x200x225
1032-019410-0130	MINI LINEAR4-L49-24V	3	85(50)	3000(BW) 4000(BW)	110°	270 280	90 95	300	280	13.1	350x325x225
1032-019510-0130	MINI LINEAR4-L91-24V	5.7	85(50)	3000(BW) 4000(BW)	110°	515 525	90 95	570	60	5.5	620x135x100
1032-019610-0130	MINI LINEAR4-L140-24V	8.7	85(50)	3000(BW) 4000(BW)	110°	785 795	90 95	870	120	12.5	915x180x150
1032-019710-0130	MINI LINEAR4-L189-24V	11.4	85(50)	3000(BW) 4000(BW)	110°	1025 1035	90 95	1140	60	8.5	117x130x100

Photometrics




MINI LINEAR4 SHELF & FURNITURE LIGHTING

Accessories (optional)

Order No.	Photo	Description	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
-		Surface mounting clip (included) x 2	-	-	-
1063-400062-0130		Recessed mounting clip x 2	-	-	-
1063-400060-0130		Magnet mounting clip x 2	-	-	-
1099-000486-0140		1500mm Input Cable x 1	-	-	-
1099-000123-0140		300mm Soft Connector x 1	-	-	-

MINI LINEAR4 SHELF & FURNITURE LIGHTING

Accessories (optional)

Order No.	Photo	Description	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1001-210056-0133		Model: SLT75-24VL-E Matching driver, max. 75W. Input: 220-240VAC Output: 24V 230mm cable + 12 way junction box CE cRU US	50	10.5	385x350x275

Model Name	Max. linkable (pcs)
MINI LINEAR4-L28-24V	31
MINI LINEAR4-L49-24V	21
MINI LINEAR4-L91-24V	11
MINI LINEAR4-L140-24V	7
MINI LINEAR4-L189-24V	5

TAGLED3 SHELF & FURNITURE LIGHTING



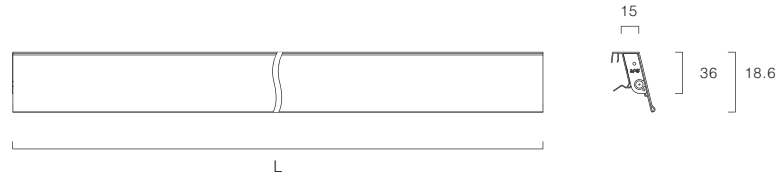
TAGLED3 SHELF & FURNITURE LIGHTING



- Housing: Extrusion plastic.
- Optical lens: Extrusion plastic.
- LED parts: High efficacy chips, non-replaceable.
- Chromaticity tolerance (initial MacAdam): 3 SDCM.
- Input voltage: 24 VDC.
- Ta: -30~35°C.
- Lifetime: 50,000 hrs (L80, B20, Ta = 25°C, 12hrs/day).
- Degree of Protection: IP65.
- Impact resistance: IK02.
- N.W. : 108/153/211 g.



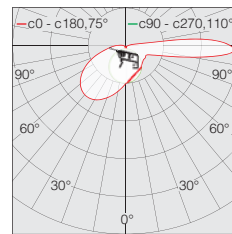
Dimensions: (mm)



Specifications

Order no.	Model	Power (W)	Ra (R9) typ	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	Length (mm)	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1032-027510-0130	TAGLED3 MO-L42-24V	6	93(60)	3000(BW)	20°+50°	500	83	600	25	3.3	645x245x125
1032-027500-0130			93(60)	4000(BW)		540	90				
1032-033410-0130	TAGLED3 MO-L63-24V	8.5	93(60)	3000(BW)	20°+50°	710	84	850	25	4.6	895x245x125
1032-033400-0130			93(60)	4000(BW)		770	91				
1032-036610-0130	TAGLED3 MO-L77-24V	12	93(60)	3000(BW)	20°+50°	1010	84	1200	25	6.5	1245x245x125
1032-036600-0130			93(60)	4000(BW)		1090	91				

Photometrics

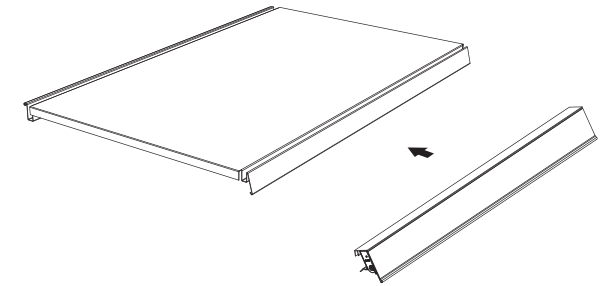


TAGLED3 SHELF & FURNITURE LIGHTING

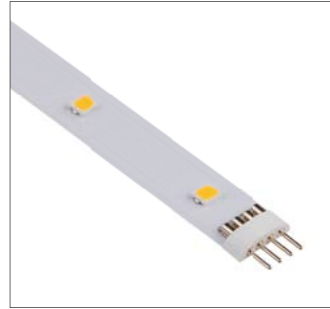
Accessories (optional)

Order No.	Photo	Description	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1099-013660-0137		1500mm Input cable x1	100	4	400x225x230
1099-013660-0135		1500mm Input cable x1	100	4	400x225x230
1063-000044-0130		TAGLED3-0201 holder x1	10	4.8	1245x245x125
1099-013660-0137		Model: SLT75-24VL-E Matching driver, max. 75W. Input: 220-240VAC 2000mm cable +plug. Output: 24V 180mm cable + 2*DSG plug.	30	15	425x265x350

Installation







- LED parts: High efficacy chips, non-replaceable.
- Chromaticity tolerance (initial MacAdam): 3 SDCM.
- Input voltage: 24 VDC.
- Ta: -20~35°C.
- Lifetime: 50,000 hrs (L80, B20, Ta = 25°C, 12hrs/day).
- N.W. : 10/41g.



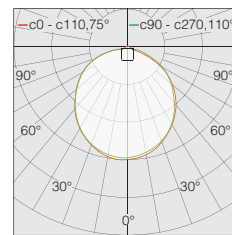
Dimensions: (mm)



Specifications

Order no.	Model	Power (W)	Ra(R9) (typ.)	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	Length (mm)	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1030-614101-0130	ARC3-F14-24V-NP	3	97(90)	3000	120°	300	100	330	100	2.5	375x280x230
1030-614001-0130				4000		330	110				
1030-614103-0130	ARC3-F42-24V-NP	9	97(90)	3000	120°	900	100	1000	60	4	455x370x225
1030-642003-0130				4000		990	110				

Photometrics



Accessories (optional)

Order No.	Photo	Description	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1099-013764-0130		500mm input cable x 1	100	1.2	375x165x150
1099-013701-0130		ARC-0103 Soft connector 50mm x 1	1000	3	320x220x295
1001-260021-0133		Model: SLT75-24VL-E Matching driver, max. 75W. Input: 220-240VAC 2000mm cable +plug. Output: 24V 400mm cable +2*DSG plug.	30	15	425x265x350

Model Name	Max. linkable (pcs)	Model Name	Max. linkable (pcs)
ARC3-F14-24V-NP	24	ARC3-F42-24V-NP	8

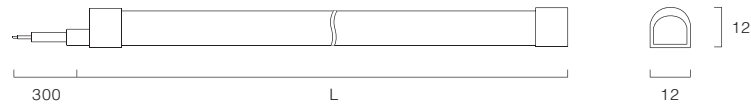




- Optical cover: Extrusion silicone.
- LED parts: High efficacy chips, non-replaceable.
- Chromaticity tolerance (initial MacAdam): 5 SDCM.
- Input voltage: 24 VDC.
- Ta: -20~35°C.
- Lifetime: 30.000 hrs(L70, B50, Ta=25°C, 12hours/Day).
- Degree of Protection: IP67.
- N.W. : 620g.



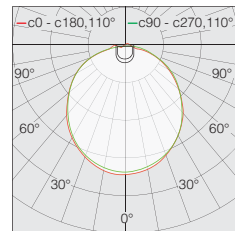
Dimensions: (mm)



Specifications

Order no.	Model	Power (W/m)	Ra(R9) (typ.)	CCT (K)	Beam angle	Luminous flux(lm/m)	Luminaire efficacy(lm/w)	Length (mm)	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1032-036810-0130			93(50)	3000		740	74				
1032-036800-0130	FLINEAR-L120-24V-IP67	10	93(50)	4000	120°	780	78	5000	20	8.5	400x225x230
1032-036800-0131			93(50)	6500		890	89				

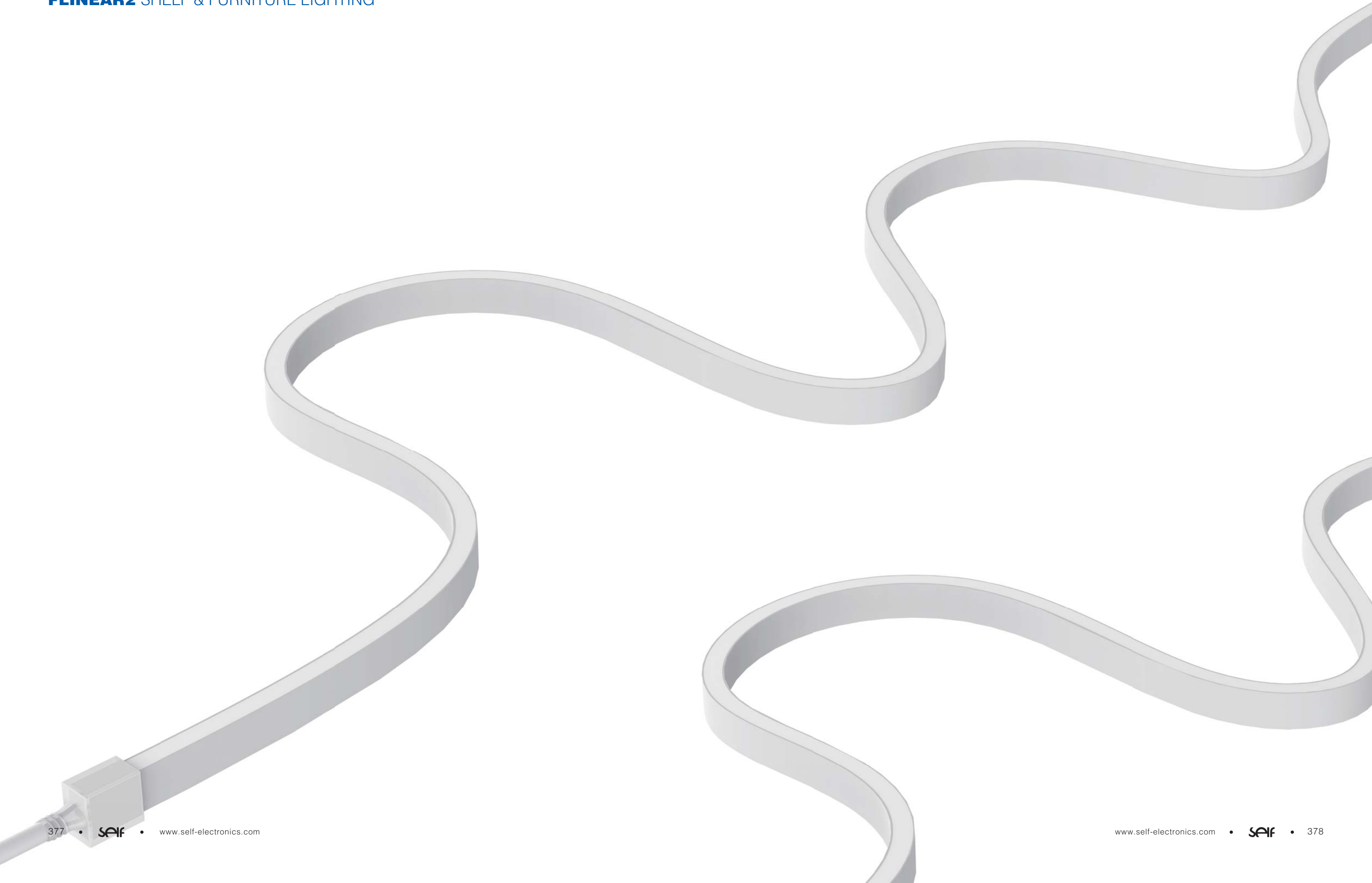
Photometrics



Accessories (optional)

Order No.	Photo	Description	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1001-260021-0133		Model: SLT75-24VL-E Matching driver, max. 75W. Input: 220-240VAC 2000mm cable +plug. Output: 24V 400mm cable +2*DSG plug.	30	15	425x265x350



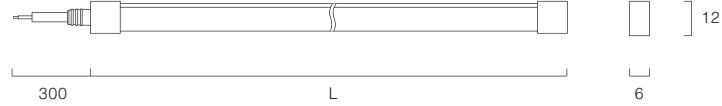




- Optical cover: Extrusion silicone.
- LED parts: non-replaceable.
- Chromaticity tolerance (initial MacAdam): 5 SDCM.
- Input voltage: 24 VDC.
- Ta: -20~35°C.
- Lifetime: 30.000 hrs(L70, B50, Ta=25°C, 12hours/Day).
- Degree of Protection: IP66.
- N.W. : 680 g.



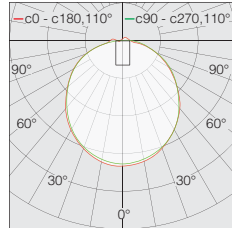
Dimensions: (mm)



Specifications

Order no.	Model	Power (W/m)	Ra(R9) (typ.)	CCT (K)	Beam angle	Luminous flux(lm/m)	Luminaire efficacy(lm/w)	Length (mm)	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1032-036910-0130			93(50)	2700		400	40		20		
1032-036910-0131	FLINEAR2-L140-24V-IP66	10	93(50)	3000	120°	400	40	5000	20	9.3	400x225x230
1032-036900-0130			93(50)	4000		400	40		20		

Photometrics



Accessories (optional)

Order No.	Photo	Description	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1001-260021-0133		Model: SLT75-24VL-E Matching driver, max. 75W. Input: 220-240VAC 2000mm cable +plug. Output: 24V 400mm cable +2*DSG plug.	30	15	425x265x350



SMART MINI TRACK SHELF & FURNITURE LIGHTING

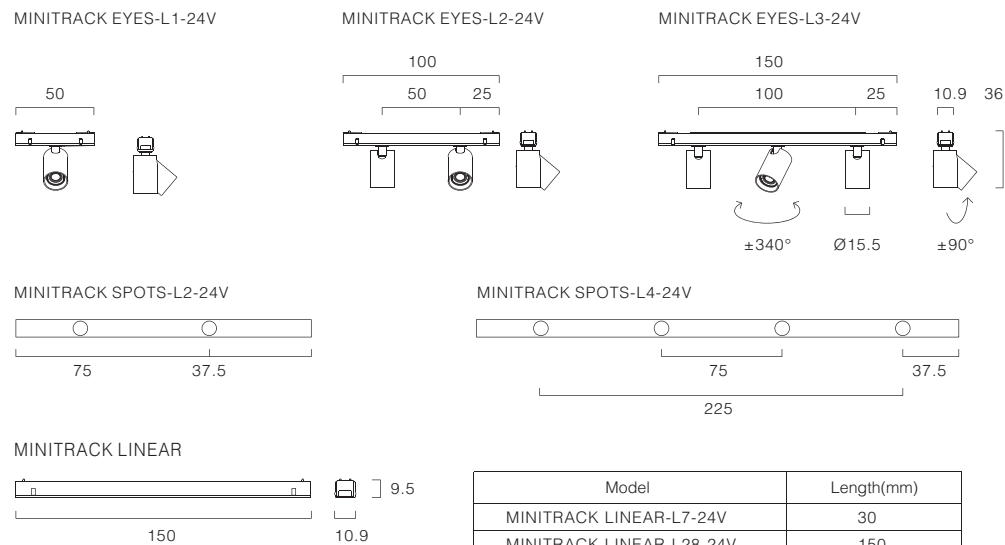




- Housing: Extrusion aluminum/Machining aluminum oxidized.
- Lens: Injection plastic.
- Cover: Extrusion plastic
- LED parts: High efficacy LED, non-replaceable.
- Chromaticity tolerance (initial MacAdam): 3 SDCM.
- Input Voltage: 24V.
- Ta: -20~35°C.
- Lifetime: 50,000 hrs (L80, B20, Ta = 25°C, 12 hrs/day).
- N.W. :15/30/12.5/15/30/7.5/10.7/26/38/60 g.
- Degree of protection: IP20.
- Impact resistance: IK02.



Dimensions: (mm)



Model	Length(mm)
MINITRACK LINEAR-L7-24V	30
MINITRACK LINEAR-L28-24V	150
MINITRACK LINEAR-L56-24V	300
MINITRACK LINEAR-L112-24V	600
MINITRACK LINEAR-L168-24V	900
MINITRACK LINEAR-L196-24V	1049

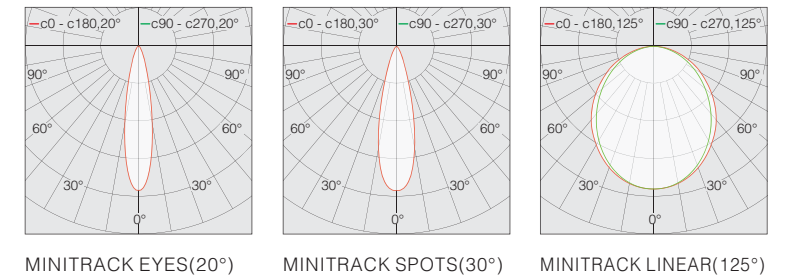
Specifications

Order no.	Model	Power (W)	Ra(R9) (typ.)	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	Length (mm)	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1030-102108-0131	MINITRACK SPOTS-L2-24V	2.5	97(90)	3000	30°	150	60	150	400	7.5	390x325x210
1030-102008-0131	(Black)		97(90)	4000		170	68				
1030-102108-0130	MINITRACK SPOTS-L2-24V	2.5	97(90)	3000	30°	150	60	150	400	7.5	390x325x210
1030-102008-0130	(Silver)		97(90)	4000		170	68				
1030-104119-0131	MINITRACK SPOTS-L4-24V	4.8	97(90)	3000	30°	340	71	300	200	7.5	390x325x210
1030-104019-0131	(Black)		97(90)	4000		370	77				
1030-104119-0130	MINITRACK SPOTS-L4-24V	4.8	97(90)	3000	30°	340	71	300	200	7.5	390x325x210
1030-104019-0130	(Silver)		97(90)	4000		370	77				

Specifications

Order no.	Model	Power (W)	Ra(R9) (typ.)	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	Length (mm)	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1030-111135-0132	MINITRACK EYES-L1-24V	1.5	97(90)	3000	20°	80	53	50	160	3.5	425x220x240
1030-111035-0133	(Black)		97(90)	4000		88	59				
1030-111135-0133	MINITRACK EYES-L1-24V	1.5	97(90)	3000	20°	80	53	50	160	3.5	425x220x240
1030-111035-0134	(Silver)		97(90)	4000		88	59				
1030-102109-0133	MINITRACK EYES-L2-24V	2.6	97(90)	3000	20°	160	62	100	144	5.1	400x275x185
1030-102009-0132	(Black)		97(90)	4000		180	69				
1030-102109-0134	MINITRACK EYES-L2-24V	2.6	97(90)	3000	20°	160	62	100	144	5.1	400x275x185
1030-102009-0133	(Silver)		97(90)	4000		180	69				
1030-103130-0133	MINITRACK EYES-L3-24V	3.7	97(90)	3000	20°	240	65	150	48	2.8	320x200x210
1030-103030-0132	(Black)		97(90)	4000		260	70				
1030-103130-0134	MINITRACK EYES-L3-24V	3.7	97(90)	3000	20°	240	65	150	48	2.8	320x200x210
1030-103030-0133	(Silver)		97(90)	4000		260	70				
1030-107010-0134	MINITRACK LINEAR-L7-24V	0.75	93(50)	3000	125°	62	83	30	160	2	200x200x140
1030-107010-0135			93(50)	4000		67	89				
1030-128116-0130	MINITRACK LINEAR-L28-24V	2.4	93(50)	3000	125°	210	88	150	400	4.5	390x325x210
1030-128016-0130			93(50)	4000		230	96				
1030-156108-0130	MINITRACK LINEAR-L56-24V	4.8	93(50)	3000	125°	420	88	300	200	4.5	390x325x210
1030-156008-0130			93(50)	4000		450	94				
1030-700110-0130	MINITRACK LINEAR-L112-24V	9.6	93(50)	3000	125°	830	86	600	200	7.5	665x390x210
1030-700010-0130			93(50)	4000		900	94				
1030-700111-0130	MINITRACK LINEAR-L168-24V	14.4	93(50)	3000	125°	1200	83	900	200	13.9	970x390x210
1030-700011-0130			93(50)	4000		1400	97				
1030-700112-0130	MINITRACK LINEAR-L196-24V	16.8	93(50)	3000	125°	1500	89	1049	200	15.7	1105x390x210
1030-700012-0130			93(50)	4000		1600	95				

Photometrics



SMART MINI TRACK EYES2 SHELF & FURNITURE LIGHTING



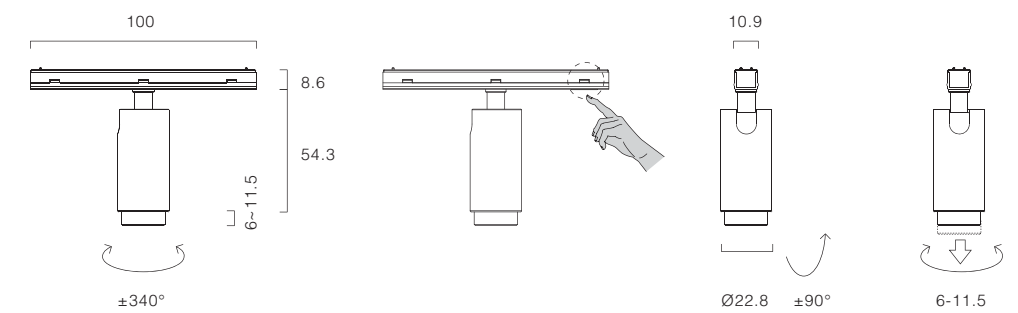
SMART MINI TRACK EYES2 SHELF & FURNITURE LIGHTING



- Housing: Extrusion aluminum/Machining aluminum oxidized.
- Lens: Injection plastic.
- Cover: Extrusion plastic
- LED parts: High efficacy LED, non-replaceable.
- Chromaticity tolerance (initial MacAdam): 3 SDCM.
- Input Voltage: 24V.
- Ta: -20~35°C.
- Lifetime: 50,000 hrs (L80, B20, Ta = 25°C, 12 hrs/day).
- Degree of protection: IP20.
- Impact resistance: IK02.
- N.W. :65 g.



Dimensions: (mm)



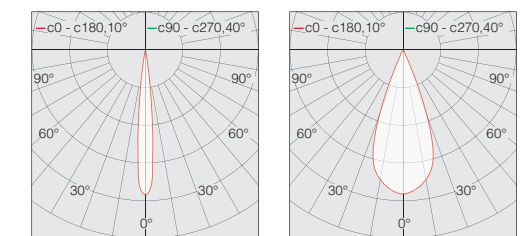
Short touch: dimming range 20% - 45% - 75% - 100%
 Long touch: stepless dimming 20% - 100%

Zoom in/out to adjust focus 10° - 40°

Specifications

Order no.	Model	Power (W)	Ra (R9) typ	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	Length (mm)	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1032-060410-0131	MINITRACK EYES2-L1-24V	3	93(50)	3000	10°~40°	55-90	18-30	100	128	8.3	315x275x275
1032-060400-0132					10°~40°	62-100	21-33				

Photometrics



MINITRACK EYES2(10°)

MINITRACK EYES2(40°)



Beam angle adjustable



Brightness 20-100% adjustable

SMART MINI TRACK EYES3 SHELF & FURNITURE LIGHTING



 Brightness
20-100%
adjustable

 CCT
3000-6500K
adjustable

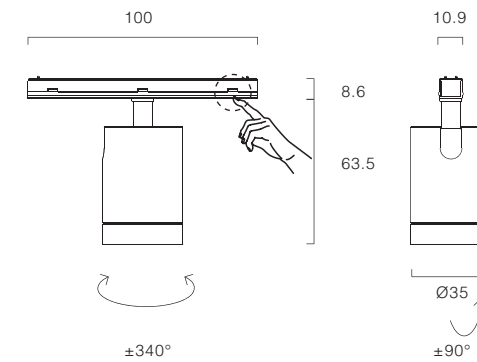
SMART MINI TRACK EYES3 SHELF & FURNITURE LIGHTING



- Housing: Extrusion aluminum/Machining aluminum oxidized.
- Lens: Injection plastic.
- Cover: Extrusion plastic
- LED parts: High efficacy LED, non-replaceable.
- Chromaticity tolerance (initial MacAdam): 3 SDCM.
- Input Voltage: 24V.
- Ta: -20~35°C.
- Lifetime: 50,000 hrs (L80, B20, Ta = 25°C, 12 hrs/day).
- Degree of protection: IP20.
- Impact resistance: IK02.
- N.W. :88 g.



Dimensions: (mm)

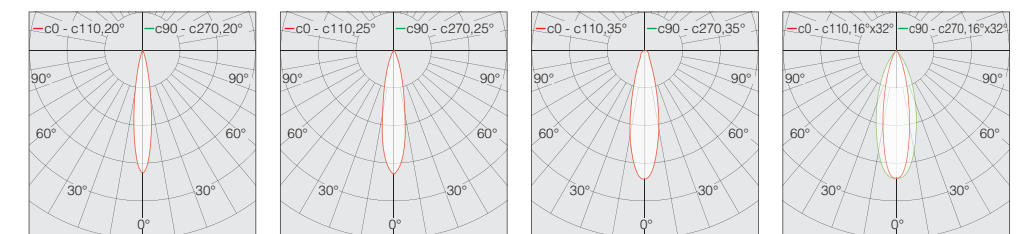


Model	Function
MINITRACK EYES3-L4-24V	Short touch: 3000K—4000K—5000K—6500K Long touch: stepless dimming 20%-100%
MINITRACK EYES3-L1-24V	Short touch: dimming range 20%-45%-75%-100% Long touch: stepless dimming 20%-100%

Specifications

Order no.	Model	Power (W)	Ra (R9) typ	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	Length (mm)	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1032-058810-0130				3000	20°	420	60				
1032-058800-0130				4000		460	66				
-				3000	25°	397	57				
-	MINITRACK EYES3-L1-24V 7	7	93(50)	4000	35°	435	62	100	96	10.1	315x275x275
-				3000		310	44				
-				4000		340	49				
-				3000	16°x32°	389	56				
-				4000		426	61				
1032-062510-0130				3000-6500	15°	260	65				
-				3000-6500	25°	250	62				
-	MINITRACK EYES3-L4-24V 4	4	93(50)	3000-6500	35°	198	49	100	96	10.1	315x275x275
-				3000-6500	16°x32°	250	62				

Photometrics



SMART MINI TRACK ACCESSORIES

Accessories (optional)

Order No.	Photo	Description	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1063-000003-0130		MINITRACK-001 Track Silver 1100mm	50	8.2	1175x145x110
1063-000003-0131		MINITRACK-001 Track Black 1100mm	50	8.2	1175x145x110
1030-107007-0130		MINITRACK-031 Right angle with light 4000k	160	2	200x200x140
1063-400031-0130		MINITRACK-032 Right angle connector silver	160	2	200x200x140
1063-400031-0131		MINITRACK-032 Right angle connector black	160	2	200x200x140
1063-400032-0130		MINITRACK-033 Rotatable connector silver	112	2	200x200x140
1063-400032-0131		MINITRACK-033 Rotatable connector black	112	2	200x200x140
1099-013923-0131		MINITRACK-034 Blind cover silver 100mm	600	2	270x225x220
1099-013923-0137		MINITRACK-034 Blind cover black 100mm	600	2	270x225x220
1030-128026-0131		MINITRACK-035 150mm 3000K	320	6.5	390X325X210
1030-128026-0130		MINITRACK-035 150mm 4000K	320	6.5	390X325X210
1099-013923-0130		MINITRACK-011 2500mm Input cable white	270	12	505x300x250
1099-013923-0139		MINITRACK-011 2500mm Input cable black	150	8	505x300x250
1030-114014-0130		MINITRACK-012 150mm 3000K 100°2 X Input cable 2500mm	50	7.5	385x300x275
1030-114014-0131		MINITRACK-012 150mm 4000K 100°2 X Input cable 2500mm	50	7.5	385x300x275
1099-013923-1130		MINITRACK-021 Mounting clip	600	4.8	235x225x155

SMART MINI TRACK ACCESSORIES

Accessories (optional)

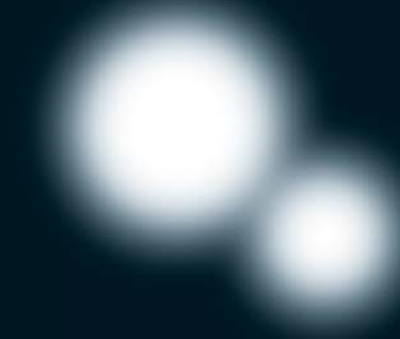
Order No.	Photo	Description	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1099-013923-0133		MINITRACK-022 Magnatic metal clip	600	4.8	235x225x155
1099-000057-0130		MINITRACK-025 40° Mounting clips	360	2.6	240x190x90
1099-013923-0132		MINITRACK-023 Showcase holder silver	200	4.6	365x240x175
1099-013923-0138		MINITRACK-023 Showcase holder black	200	4.6	365x240x175
1099-000084-0130		MINITRACK-041 End cap silver 1pc	200	0.6	365x240x175
1099-000084-0131		MINITRACK-041 End cap black 1pc	200	0.6	365x240x175
1063-400065-0131		MINITRACK-0306HL Hard connector silver	600	1.5	270x225x220
1063-400065-0130		MINITRACK-0306HL Hard connector black	600	1.5	270x225x220
1001-260021-0133		Model: SLT75-24VL-E Matching driver, max. 75W. Input: 220-240VAC 2000mm cable + plug Output: 24V 400mm cable + 2*DSG plug	30	15	425x265x350

Model	Max. linkable (W)	Model	Max. linkable (W)
MINITRACK EYES-L1-24V	-	MINITRACK SPOTS-L2-24V	48
MINITRACK EYES-L2-24V	-	MINITRACK SPOTS-L4-24V	48
MINITRACK EYES-L3-24V	-		
MINITRACK LINEAR-L7-24V	-		
MINITRACK LINEAR-L28-24V	48		
MINITRACK LINEAR-L56-24V	48		
MINITRACK LINEAR-L112-24V	48		
MINITRACK LINEAR-L168-24V	48		

One Light One Shop

Attractive Color Presentation
Excellent display lighting for an impressive presentation.

The flexibility of SMT series such as rotated lighting head, adjustable height and modular design lead our products to fit most types of showcase. Moreover, we provide customization for some clients to meet their special requirements. We also follow the design rules, which is making lighting fixture smaller, slimmer, thinner and lighter. This enhances the visual appearance of exhibits by hiding lighting fixture easily in structure part of showcase. People can enjoy the exhibitions without any distraction and unpleasant lighting. Making light beneficial for exhibits is one of the most significant issues we considered. Our cold lighting illuminator prevents exhibits from any heat damage. UV or IR also has been blocked in our LED lighting fixture which protects the surface and color of exhibits.



Free Combination

Know about what kind of lighting effect you want. Choose the type of light and the size. Put the luminaire on the track, then press it. Fix it. Yes, you made it. So easy isn't it? Just like playing with building block, different combination has different lighting effects. If you find an amazing effect, you will love it. Wish you have fun with our SMART MINI TRACK SYSTEM.



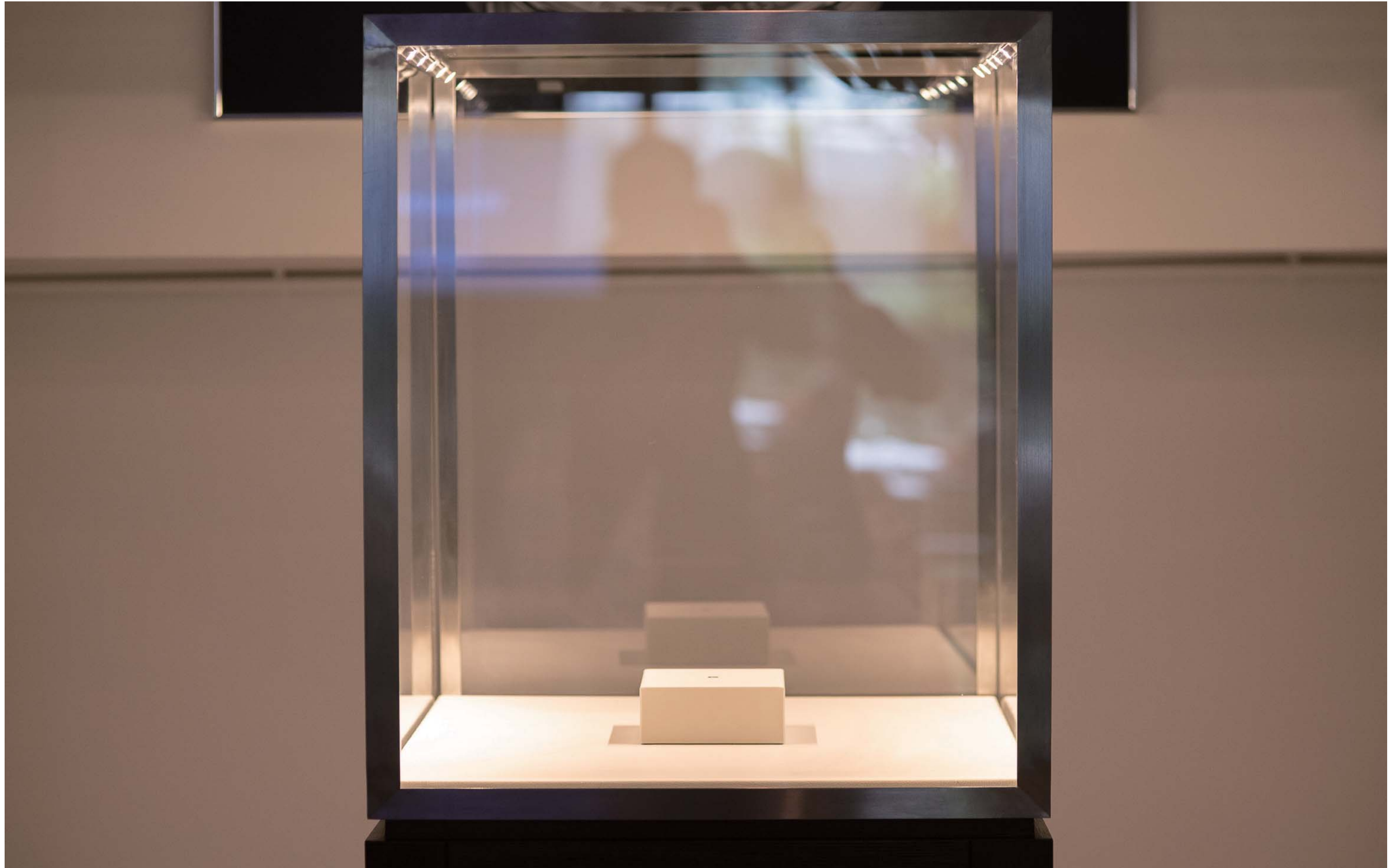
Smaller, Lighter And Slimmer

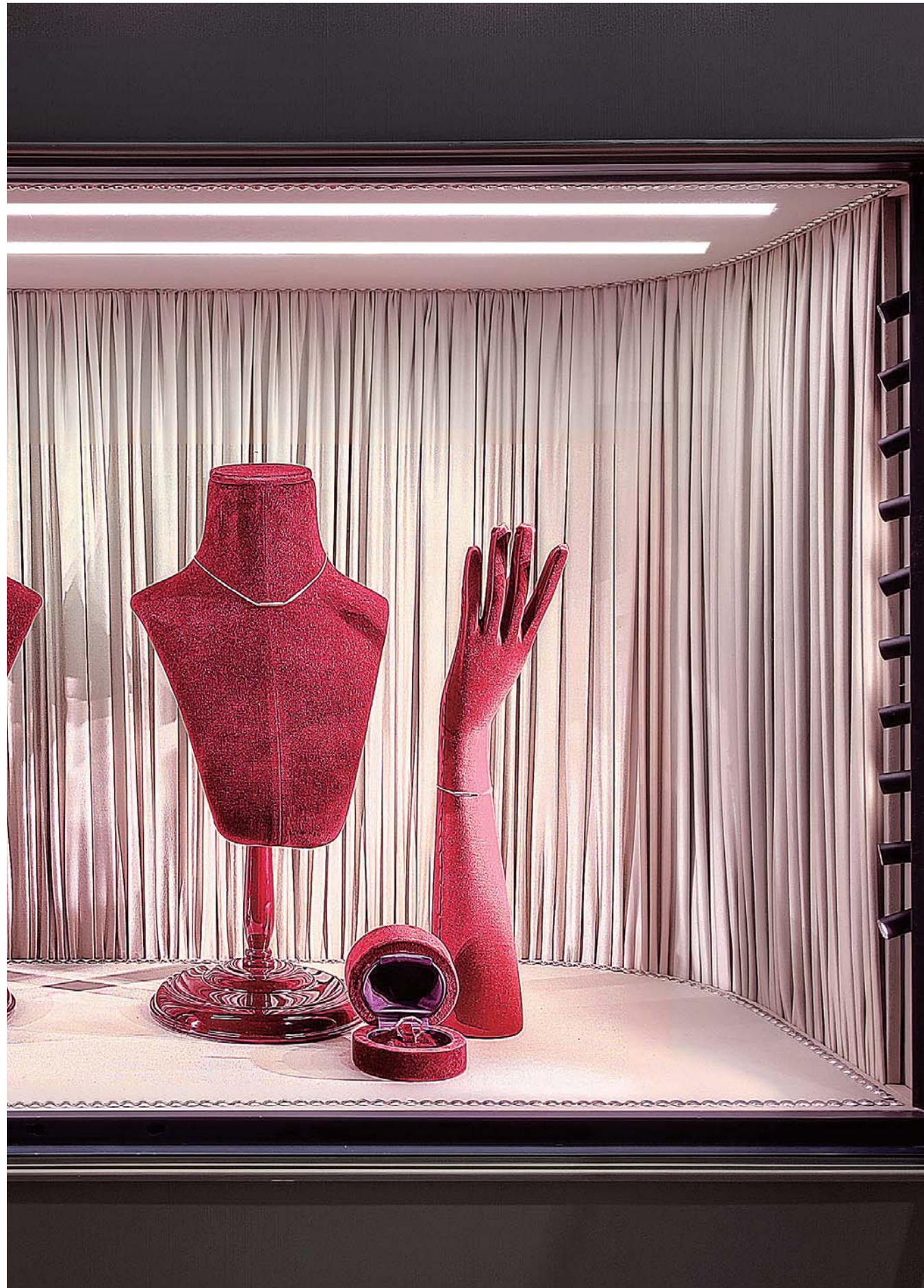
Smaller, lighter and slimmer. It's the typical characteristic of it. After all, it will be much easier to make up these parts by hand in this way. This enhances the visual appearance of exhibitions by hiding lighting fixtures inside the showcases. People can enjoy the exhibitions without any distractions and unpleasant lighting structures. The main part of this lighting system is only 11x9.5mm, which can fit most types of showcases or any small places. Thus neat and minimal visual effect is created. This contributes MINITRACK to be an ideal choice for various decoration styles. Aviation aluminum made, lighter but stronger.



Beam Angle Adjustable Brightness Djustable

The Self Smart Minitrack Gen2 LED lighting system is optimized for retail and museum applications, such as shelf, showcase, show window and drywall. "Improving the customers and visitors experience" gets thrown around a lot these days, constant reinvention is one of methods to keep them enjoyable. The owners will reinvent their entire space — from space design to products in every few weeks, there's always something new to explore. Smart Minitrack Gen2 is an ideal choice for reinvention.







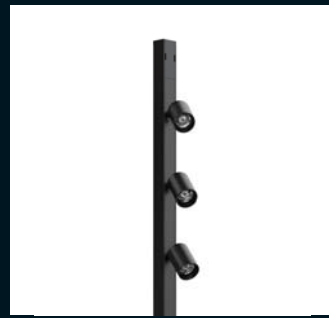




SMART MINITRACK System

Showcase lighting

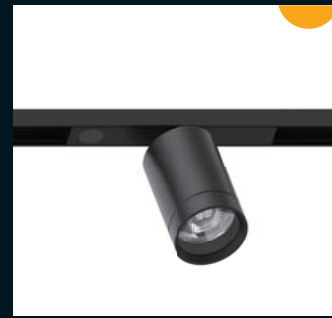
391



SMT SERIES
405



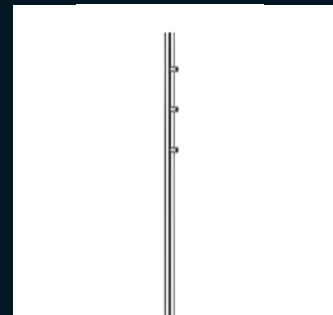
SMT EYES2
409



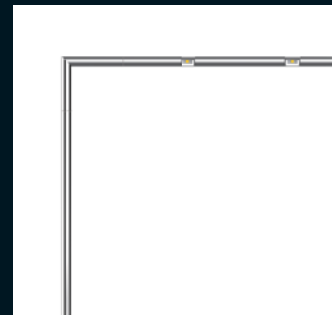
SMT EYES3
411



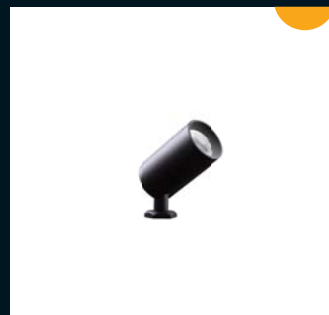
MINIASPEN
415



MINIASPEN2
416



MINIGOAL2
419



MINI POLE
423



POLE2
427



ASPEN2
429



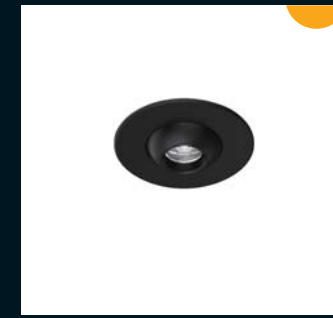
SPARKLE
431

Showcase lighting

435



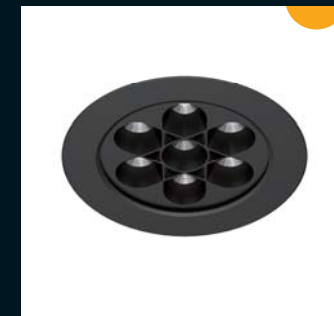
MINIFOCUS
435



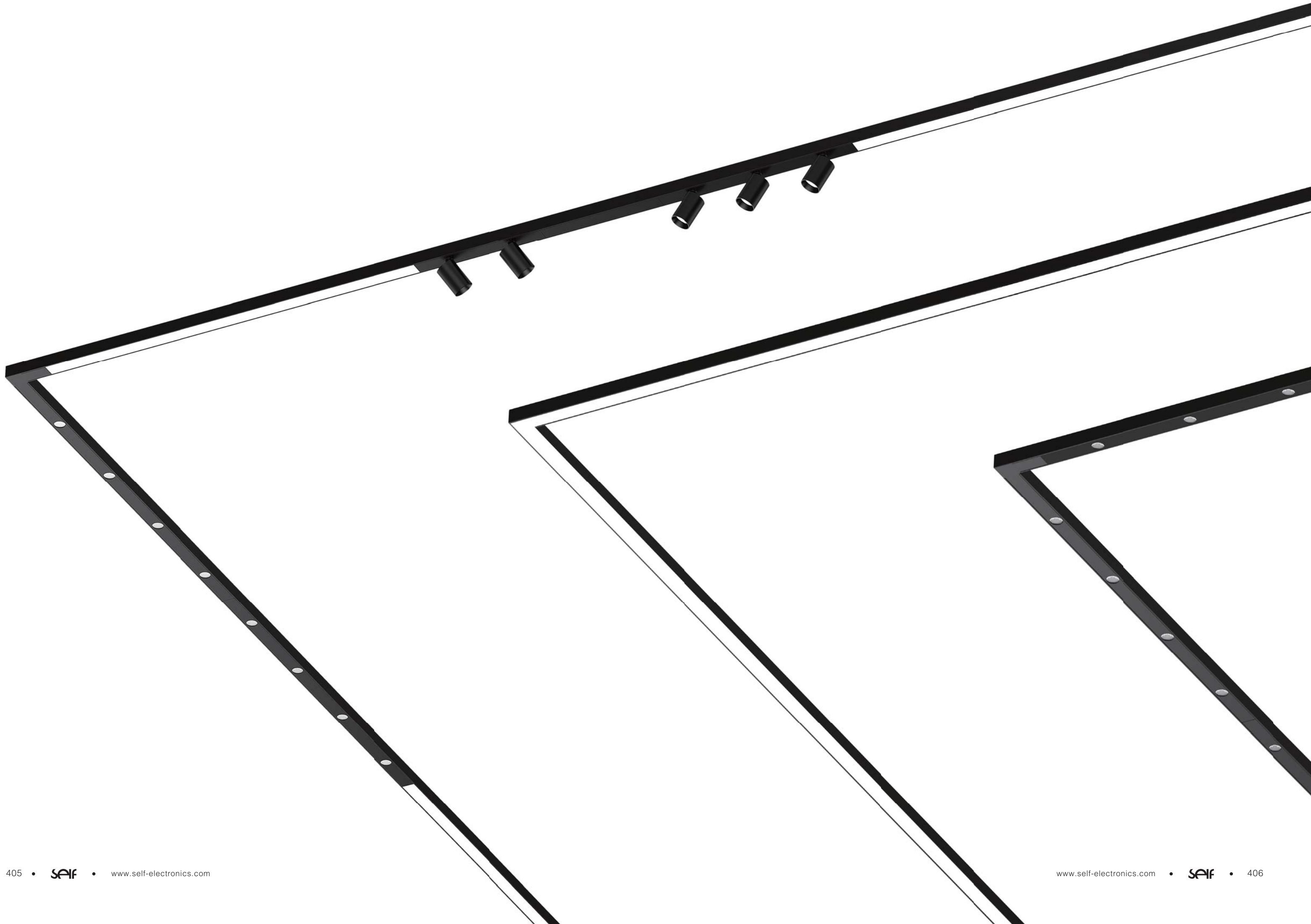
PEARL
437



MINO3
441



SHINING
443

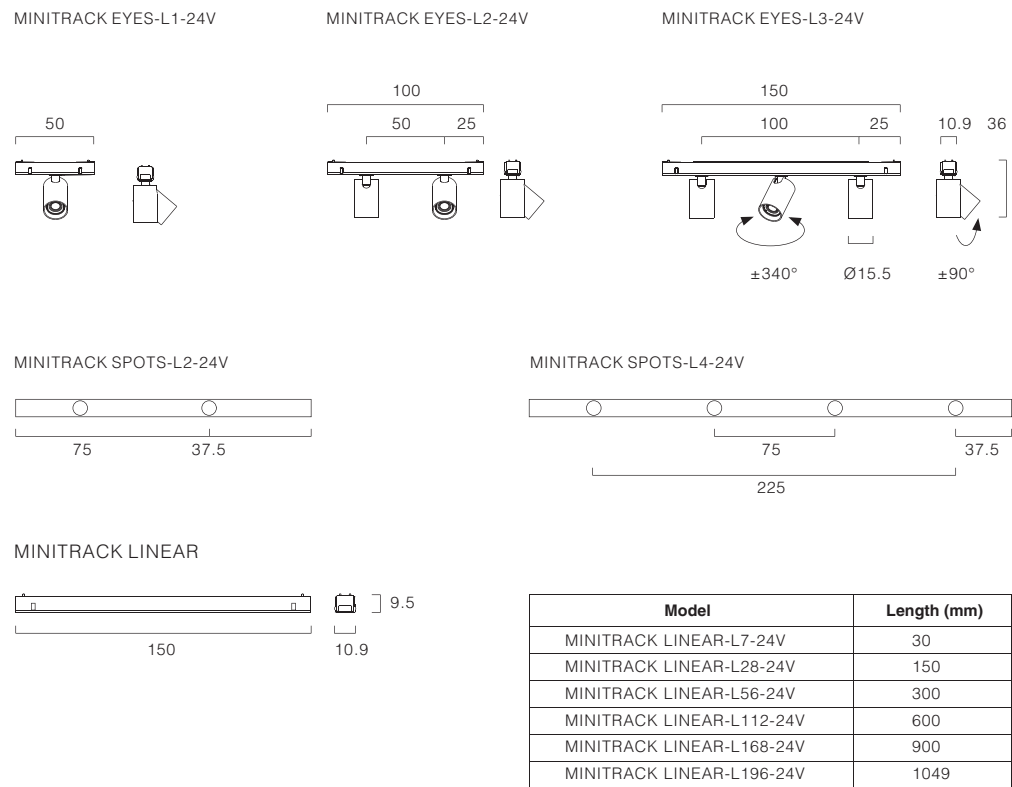




- Housing: Extrusion aluminum/Machining aluminum oxidized.
- Lens: Injection plastic.
- Cover: Extrusion plastic
- LED parts: High efficacy LED, non-replaceable.
- Chromaticity tolerance (initial MacAdam): 3 SDCM.
- Input Voltage: 24V.
- Ta: -20~35°C.
- Lifetime: 50,000 hrs (L80, B20, Ta = 25°C, 12 hrs/day).
- N.W. :15/30/12.5/15/30/7.5/10.7/26/38/60 g.
- Degree of protection: IP20.
- Impact resistance: IK02.



Dimensions: (mm)



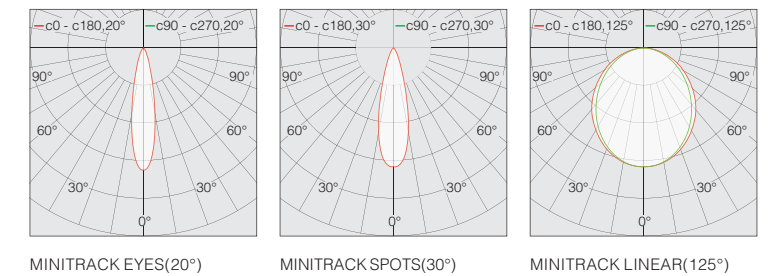
Specifications

Order no.	Model	Power (W)	Ra(R9) (typ.)	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	Length (mm)	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1030-102108-0131	MINITRACK SPOTS-L2-24V	2.5	97(90)	3000	30°	150	60	150	400	7.5	390x325x210
1030-102008-0131	(Black)		97(90)	4000		170	68				
1030-102108-0130	MINITRACK SPOTS-L2-24V	2.5	97(90)	3000	30°	150	60	150	400	7.5	390x325x210
1030-102008-0130	(Silver)		97(90)	4000		170	68				
1030-104119-0131	MINITRACK SPOTS-L4-24V	4.8	97(90)	3000	30°	340	71	300	200	7.5	390x325x210
1030-104019-0131	(Black)		97(90)	4000		370	77				
1030-104119-0130	MINITRACK SPOTS-L4-24V	4.8	97(90)	3000	30°	340	71	300	200	7.5	390x325x210
1030-104019-0130	(Silver)		97(90)	4000		370	77				

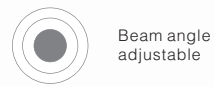
Specifications

Order no.	Model	Power (W)	Ra(R9) (typ.)	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	Length (mm)	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1030-111135-0132	MINITRACK EYES-L1-24V	1.5	97(90)	3000	20°	80	53	50	160	3.5	425x220x240
1030-111035-0133	(Black)		97(90)	4000		88	59				
1030-111135-0133	MINITRACK EYES-L1-24V	1.5	97(90)	3000	20°	80	53	50	160	3.5	425x220x240
1030-111035-0134	(Silver)		97(90)	4000		88	59				
1030-102109-0133	MINITRACK EYES-L2-24V	2.6	97(90)	3000	20°	160	62	100	144	5.1	400x275x185
1030-102009-0132	(Black)		97(90)	4000		180	69				
1030-102109-0134	MINITRACK EYES-L2-24V	2.6	97(90)	3000	20°	160	62	100	144	5.1	400x275x185
1030-102009-0133	(Silver)		97(90)	4000		180	69				
1030-103130-0133	MINITRACK EYES-L3-24V	3.7	97(90)	3000	20°	240	65	150	48	2.8	320x200x210
1030-103030-0132	(Black)		97(90)	4000		260	70				
1030-103130-0134	MINITRACK EYES-L3-24V	3.7	97(90)	3000	20°	240	65	150	48	2.8	320x200x210
1030-103030-0133	(Silver)		97(90)	4000		260	70				
1030-107010-0134	MINITRACK LINEAR-L7-24V	0.75	93(50)	3000	125°	62	83	30	160	2	200x200x140
1030-107010-0135			93(50)	4000		67	89				
1030-128116-0130	MINITRACK LINEAR-L28-24V	2.4	93(50)	3000	125°	210	88	150	400	4.5	390x325x210
1030-128016-0130			93(50)	4000		230	96				
1030-156108-0130	MINITRACK LINEAR-L56-24V	4.8	93(50)	3000	125°	420	88	300	200	4.5	390x325x210
1030-156008-0130			93(50)	4000		450	94				
1030-700110-0130	MINITRACK LINEAR-L112-24V	9.6	93(50)	3000	125°	830	86	600	200	7.5	665x390x210
1030-700010-0130			93(50)	4000		900	94				
1030-700111-0130	MINITRACK LINEAR-L168-24V	14.4	93(50)	3000	125°	1200	83	900	200	13.9	970x390x210
1030-700011-0130			93(50)	4000		1400	97				
1030-700112-0130	MINITRACK LINEAR-L196-24V	16.8	93(50)	3000	125°	1500	89	1049	200	15.7	1105x390x210
1030-700012-0130			93(50)	4000		1600	95				

Photometrics



SMART MINI TRACK EYES2 SHELF AND SHOWCASE LIGHTING



Beam angle adjustable



Brightness 20-100% adjustable

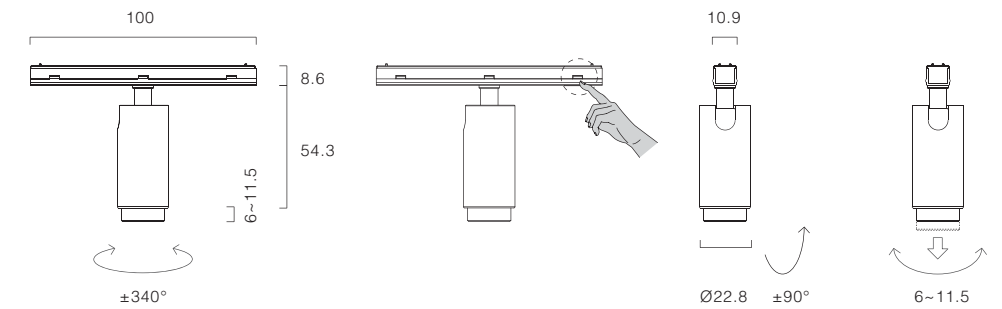
SMART MINI TRACK EYES2 SHELF AND SHOWCASE LIGHTING



- Housing: Extrusion aluminum/Machining aluminum oxidized.
- Lens: Injection plastic.
- Cover: Extrusion plastic
- LED parts: High efficacy LED, non-replaceable.
- Chromaticity tolerance (initial MacAdam): 3 SDCM.
- Input Voltage: 24V.
- Ta: -20~35°C.
- Lifetime: 50,000 hrs (L80, B20, Ta = 25°C, 12 hrs/day).
- Degree of protection: IP20.
- Impact resistance: IK02.
- N.W. : 65 g.



Dimensions: (mm)



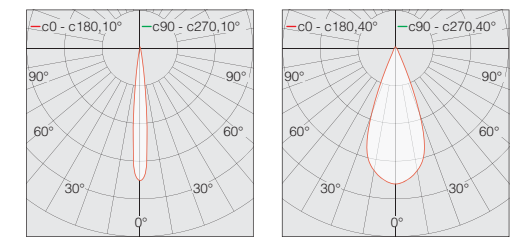
Short touch: dimming range 20%-45%-75%-100%
Long touch: stepless dimming 20%-100%

Zoom in/out to adjust focus 10°-40°

Specifications

Order no.	Model	Power (W)	Ra (R9) typ	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	Length (mm)	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1032-060410-0131	MINITRACK EYES2-L1-24V	3	93(50)	3000	10°~40°	55-90	18-30	100	128	8.3	315x275x275
1032-060400-0132					10°~40°	62-100	21-33				

Photometrics



MINITRACK EYES2(10°) MINITRACK EYES2(40°)

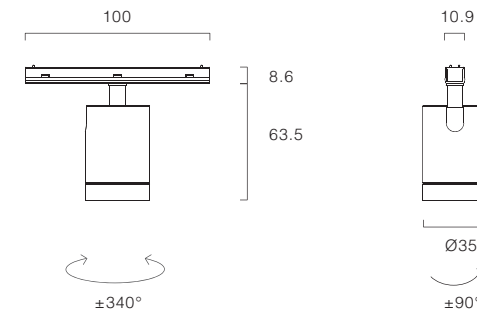


- Housing: Extrusion aluminum/Machining aluminum oxidized.
- Lens: Injection plastic.
- Cover: Extrusion plastic
- LED parts: High efficacy LED, non-replaceable.
- Chromaticity tolerance (initial MacAdam): 3 SDCM.
- Input Voltage: 24V.
- Ta: -20~35°C.
- Lifetime: 50,000 hrs (L80, B20, Ta = 25°C, 12 hrs/day).
- Degree of protection: IP20.
- Impact resistance: IK02.
- N.W. : 88 g.

● ● ● Coming soon



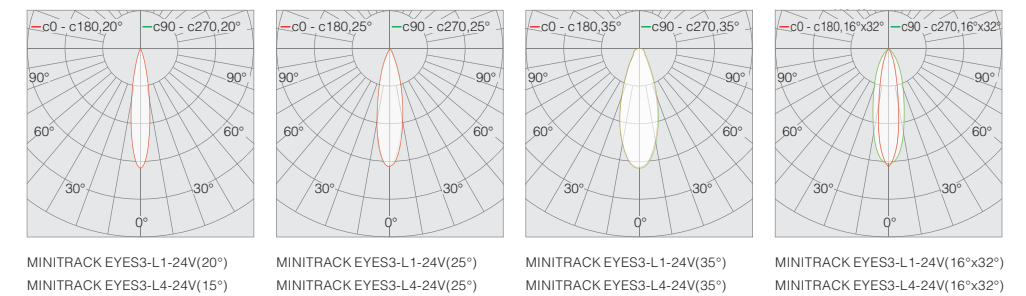
Dimensions: (mm)



Specifications

Order no.	Model	Power (W)	Ra (R9) typ	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	Length (mm)	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1032-058810-0130				3000	20°	420	60				
1032-058800-0130				4000		460	66				
-				3000	25°	397	57				
-	MINITRACK EYES3-L1-24V	7	93(50)	4000	35°	435	62	100	96	10.1	315x275x275
-				3000		310	44				
-				4000		340	49				
-				3000	16°x32°	389	56				
-				4000		426	61				
1032-062510-0130				3000~6500	15°	260	65				
-				3000~6500	25°	250	62				
-	MINITRACK EYES3-L4-24V	4	93(50)	3000~6500	35°	198	49	100	96	10.1	315x275x275
-				3000~6500	16°x32°	250	62				

Photometrics



Brightness 20-100% adjustable

CCT 3000-6500K adjustable

SMT SERIES SHELF AND SHOWCASE LIGHTING

Accessories (optional)

Order No.	Photo	Description	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1063-000003-0130		MINITRACK-001 Track silver 1100mm	50	8.2	1175x145x110
1063-000003-0131		MINITRACK-001 Track black 1100mm	50	8.2	1175x145x110
1030-107007-0130		MINITRACK-031 Right angle with light 4000k	160	2	200x200x140
1063-400031-0130		MINITRACK-032 Right angle connector silver	160	2	200x200x140
1063-400031-0131		MINITRACK-032 Right angle connector black	160	2	200x200x140
1063-400032-0130		MINITRACK-033 Rotatable connector silver	112	2	200x200x140
1063-400032-0131		MINITRACK-033 Rotatable connector black	112	2	200x200x140
1099-013923-0131		MINITRACK-034 Blind cover silver 100mm	600	2	270x225x220
1099-013923-0137		MINITRACK-034 Blind cover black 100mm	600	2	270x225x220
1030-128026-0131		MINITRACK-035 150mm 3000K	320	6.5	390X325X210
1030-128026-0130		MINITRACK-035 150mm 4000K	320	6.5	390X325X210
1099-013923-0130		MINITRACK-011 2500mm Input cable white	270	12	505x300x250
1099-013923-0139		MINITRACK-011 2500mm Input cable black	150	8	505x300x250
1030-114014-0130		MINITRACK-012 150mm 3000K 100°2 X Input cable 2500mm	50	7.5	385x300x275
1030-114014-0131		MINITRACK-012 150mm 4000K 100°2 X Input cable 2500mm	50	7.5	385x300x275
1099-013923-1130		MINITRACK-021 Mounting clip	600	4.8	235x225x155

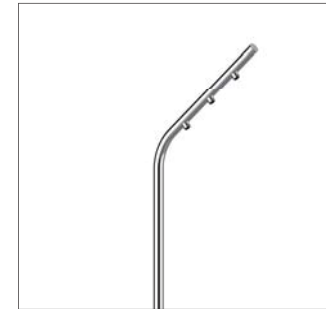
SMT SERIES SHELF AND SHOWCASE LIGHTING

Accessories (optional)

Order No.	Photo	Description	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1099-013923-0133		MINITRACK-022 Magnatic metal clip	600	4.8	235x225x155
1099-000057-0130		MINITRACK-025 40° Mounting clips	360	2.6	240x190x90
1099-013923-0132		MINITRACK-023 Showcase holder silver	200	4.6	365x240x175
1099-013923-0138		MINITRACK-023 Showcase holder black	200	4.6	365x240x175
1099-000084-0130		MINITRACK-041 End cap silver 1pc	200	0.6	365x240x175
1099-000084-0131		MINITRACK-041 End cap black 1pc	200	0.6	365x240x175
1063-400065-0131		MINITRACK-0306HL Hard connector silver	600	1.5	270x225x220
1063-400065-0130		MINITRACK-0306HL Hard connector black	600	1.5	270x225x220
1001-260021-0133		Model: SLT75-24VL-E Matching driver, max. 75W. Input: 220-240VAC 2000mm cable +plug Output: 24V 400mm cable +2*DSG plug	30	15	425x265x350

Model	Max. linkable (W)	Model	Max. linkable (W)
MINITRACK EYES-L1-24V	-	MINITRACK SPOTS-L2-24V	48
MINITRACK EYES-L2-24V	-	MINITRACK SPOTS-L4-24V	48
MINITRACK EYES-L3-24V	-		
MINITRACK LINEAR-L7-24V	-		
MINITRACK LINEAR-L28-24V	48		
MINITRACK LINEAR-L56-24V	48		
MINITRACK LINEAR-L112-24V	48		
MINITRACK LINEAR-L168-24V	48		

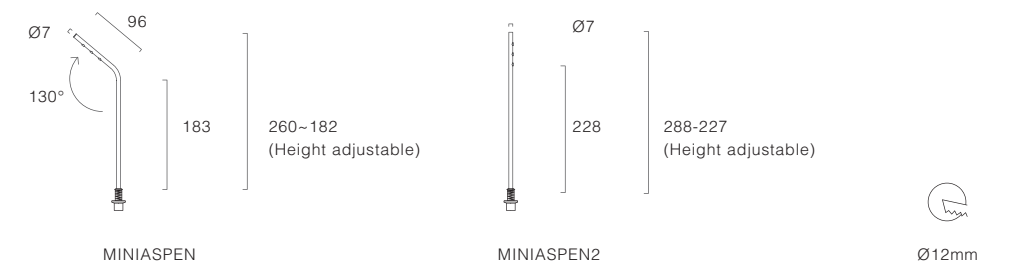




- Housing: Copper tube chrome plating.
- Lens: Injection plastic.
- LED parts: High efficacy LED, non-replaceable.
- Chromaticity tolerance (initial MacAdam): 3 SDCM.
- Input Current: 350mA.
- Ta: -20~35°C.
- Lifetime: 50,000 hrs (L80, B20, Ta = 25°C, 12 hrs/day).
- Degree of protection: IP20.
- Impact resistance: IK02.
- N.W. : 68/75 g.



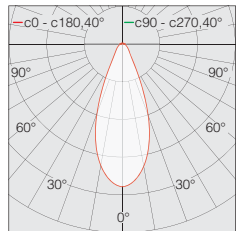
Dimensions: (mm)



Specifications

Order no.	Model	Power (W)	Ra(R9) typ	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	Height (mm)	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1030-103031-0131	MINIASPEN-L3-350-1	3(8.6V)	97(90)	3000	40°	180	60	260	88	7.5	550x345x415
1030-103031-0130	(Chrome)		97(90)	4000	40°	200	67	260			
1030-103033-0131	MINIASPEN2-L3-350-1	3(8.6V)	97(90)	3000	40°	180	60	288	100	9.0	390x390x315
1030-103033-0130	(Chrome)		97(90)	4000	40°	200	67	288			

Photometrics



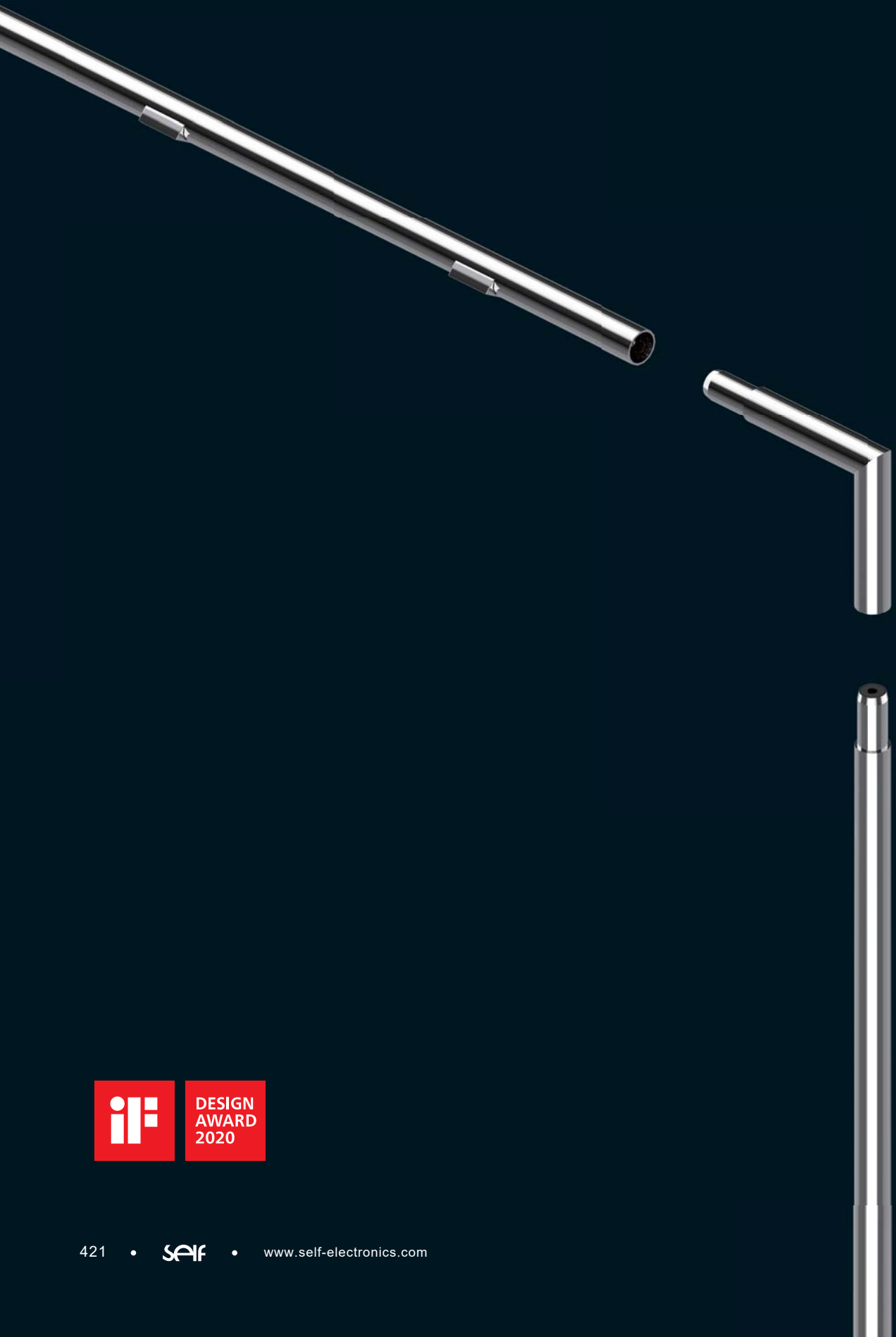
Accessories (optional)

Order No.	Photo	Description	Box quantity (pcs)	Box G.W. (kg)	Box size (mm)
1099-000086-0138		3000MM EXTENTION CABLE HALOGEN FREE	300	9.2	445x335x220
1001-660292-0138		Model: SLT20-500IL-UN Matching driver, max. 14W. Input: 110-277VAC Output: 350mA 190mm cable + JBI-8A Number of connected luminaires: 1-4pcs.	100	11.5	545x290x225



MINIGOAL2 SHOWCASE LIGHTING

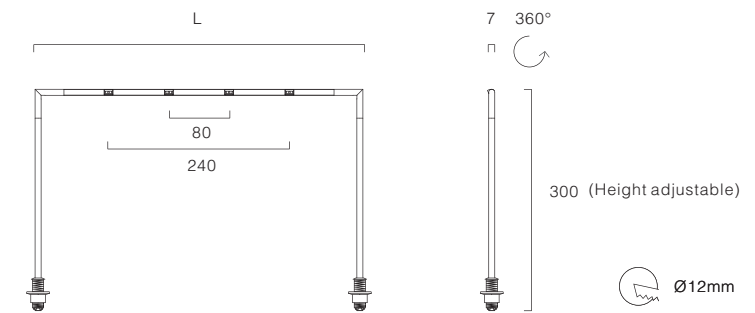




- Housing: Copper tube chrome plating.
- Lens: Injection plastic.
- LED parts: High efficacy LED, non-replaceable.
- Chromaticity tolerance (initial MacAdam): 3 SDCM.
- Input Current: 350mA.
- Ta: -20~35°C.
- Lifetime: 50,000 hrs (L80, B20, Ta = 25°C, 12 hrs/day).
- Degree of protection: IP20.
- Impact resistance: IK02.
- N.W. : 153 g.



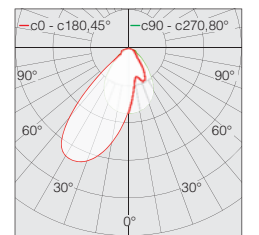
Dimensions: (mm)



Specifications

Order no.	Model	Power (W)	Ra(R9) typ	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	Length (mm)	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1032-037610-0130	MINIGOAL2-L4-350	4(12V)	97(90)	3000	45°	280	70	380	50	9	455x355x180
1032-037600-0130	(Chrome)		97(90)	4000		310	78	380			

Photometrics



Accessories (optional)

Order No.	Photo	Description	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1099-000086-0138		3000MM EXTENTION CABLE HALOGEN FREE	300	9.2	445x335x220
1001-660292-0138		Model: SLT20-500IL-UN Matching driver, max. 14W. Input: 110-277VAC Output: 350mA 190mm cable +JBI-8A Number of connected luminaires: 1-3pcs.	100	11.5	545X290x225



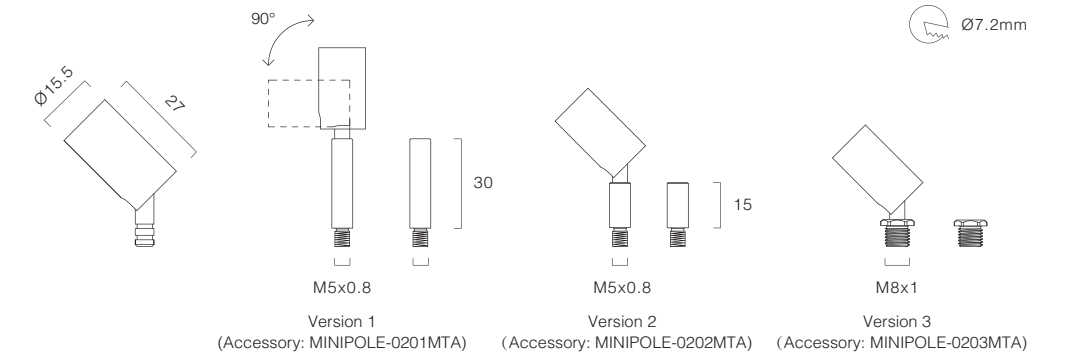




- Housing: black oxidized, gold polishing.
- Lens: Injection plastic.
- LED parts: High efficacy LED, non-replaceable.
- Chromaticity tolerance (initial MacAdam): 3 SDCM.
- Input Current: 350mA.
- Ta: -20~35°C.
- Lifetime: 50,000 hrs (L80, B20, Ta = 25°C, 12 hrs/day).
- Degree of protection: IP20.
- Impact resistance: IK02.
- N.W. : 93 g.



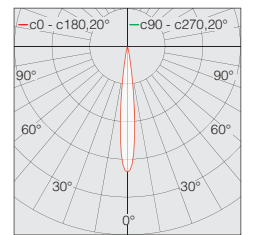
Dimensions: (mm)



Specifications

Order no.	Model	Power (W)	Ra(R9) typ	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1032-073300-0134	MINIPOLE-R1-350 (0203)Black	1.0	97(90)	4000	20°	60	60	400	7.5	535x335x385
1032-073300-0135	MINIPOLE-R1-350 (0202)	(3V)						400	9.5	535x335x385
1032-073300-0136	MINIPOLE-R1-350 (0202) Gold	1.0	97(90)	4000	20°	60	60	400	9.5	535x335x385
1032-073300-0137	MINIPOLE-R1-350 (0201)	(3V)						400	11.5	535x335x385

Photometrics



Accessories (optional)

Order No.	Photo	Description	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1001-660292-0138		Model: SLT20-500IL-UN Matching driver, max. 14W. Input: 110-277VAC Output: 350mA 190mm cable +JBI-8A Number of connected luminaires: 1-3pcs.	100	11.5	545X290x225

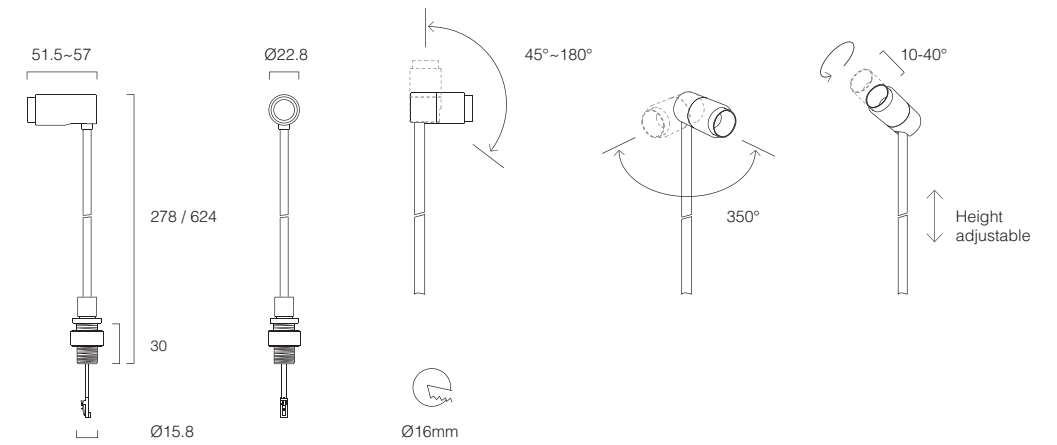




- Housing: Machining aluminum oxidized
- Lens: Injection plastic.
- LED parts: High efficacy LED, non-replaceable.
- Chromaticity tolerance (initial MacAdam): 3 SDCM.
- Input Current: 700mA.
- Ta: -20~35°C.
- Lifetime: 50,000 hrs (L80, B20, Ta = 25°C, 12 hrs/day).
- Degree of protection: IP20.
- Impact resistance: IK02.
- N.W. : 79 g.



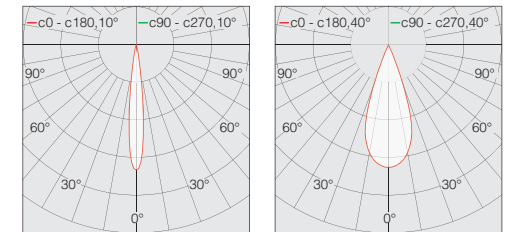
Dimensions: (mm)



Specifications

Order no.	Model	Power (W)	Ra(R9) typ	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	Height (mm)	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1030-501101-0132	POLE2-R1-700-2	2.1(3V)	93(50)	3000	10°-40°	100	48	285	70	9.5	535x335x385
1030-501001-0131			93(50)	4000	10°-40°	100	48				

Photometrics



Accessories (optional)

Order No.	Photo	Description	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1001-960131-0135		Model: SLT35-1000IL-UN Matching driver, max. 35W. Input: 110-277VAC Output: 700mA 190mm cable + JBI-8A Number of connected luminaires: 1-8pcs.	100	13	545x290x225

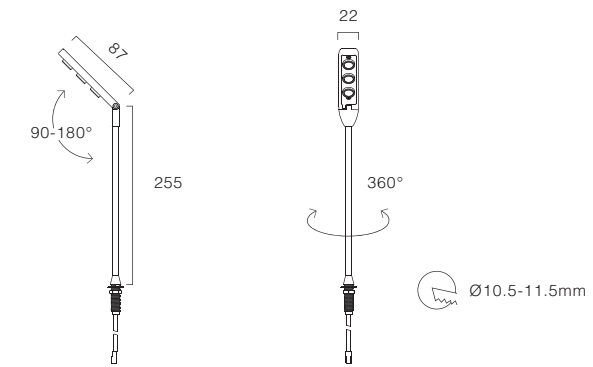




- Housing: Machining aluminum oxidized
- Lens: Injection plastic.
- LED parts: High efficacy LED, non-replaceable.
- Chromaticity tolerance (initial MacAdam): 3 SDCM.
- Input Voltage: 24V.
- Ta: -20~35°C.
- Lifetime: 50,000 hrs (L80, B20, Ta = 25°C, 12 hrs/day).
- Degree of protection: IP20.
- Impact resistance: IK02.
- N.W. : 79 g.



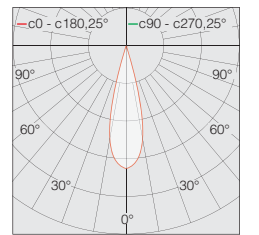
Dimensions: (mm)



Specifications

Order no.	Model	Power (W)	Ra(R9) typ	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	Height (mm)	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1030-103127-0130	ASPEN2-L3-24V-1	3.5	93(50)	3000	25°	280	48	342	100	9.4	405x345x330
1030-103027-0130			93(50)	4000	25°	295	48	342			

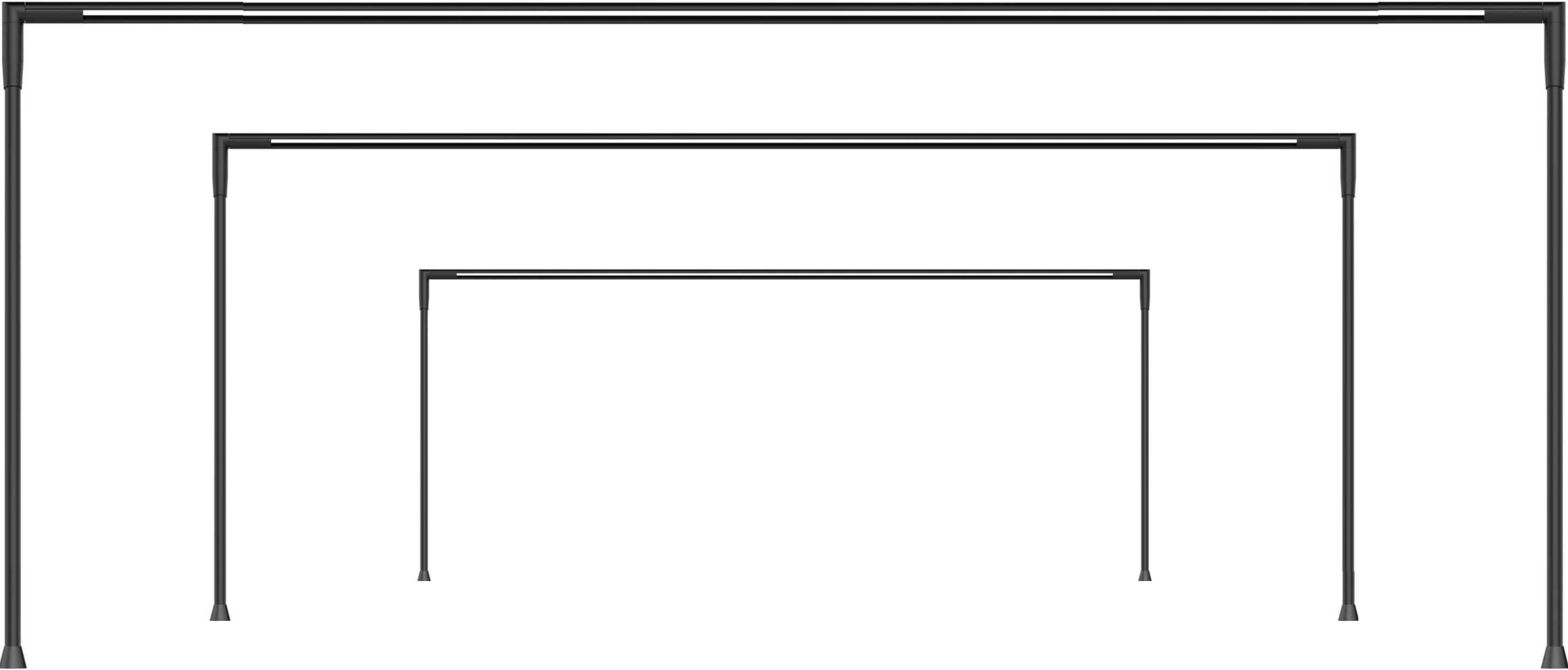
Photometrics



Accessories (optional)

Order No.	Photo	Description	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1001-210056-0133		Model: SLT40-24VL-UN Matching driver, max. 40W. Input: 100-240VAC Output: 24V 230mm cable + 6 way junction box.	50	10.5	385x350x275



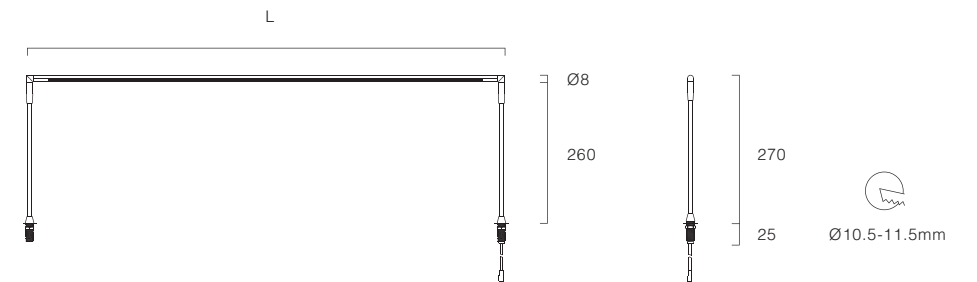




- Housing: Extrusion aluminum oxidized.
- LED parts: High efficacy chips, non-replaceable.
- Chromaticity tolerance (initial MacAdam): 3 SDCM.
- Input Voltage: 24V
- Ta: -20~35°C.
- Lifetime: 50,000 hrs (L80, B20, Ta=25°C, 12 hrs/day).
- Degree of protection: IP20.
- Impact resistance: IK02.
- N.W. : 58/60 g.



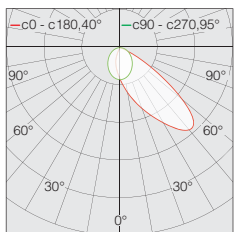
Dimensions: (mm)



Specifications

Order no.	Model	Power (W)	Ra(R9) typ	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	Length (mm)	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1030-128108-0134	SPARKLE-L28-24V	5	93(50)	3000	40°	450	90	420	100	13.3	460x355x335
1030-128008-0138			93(50)	4000	40°	450	90	420			
1030-184125-0130	SPARKLE-L84-24V	14	93(50)	3000	40°	1260	90	1156	70	13.5	1240x405x245
1030-184025-0130			93(50)	4000	40°	1260	90	1156			

Photometrics



Accessories (optional)

Order No.	Photo	Description	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1001-210056-0133		Model: SLT40-24VL-UN Matching driver, max. 40W. Input: 100-240VAC Output: 24V 230mm cable + 6 way junction box	50	10.5	385x350x275

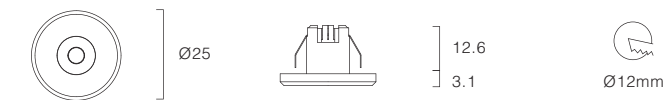




- Housing: Machining aluminum oxidized.
- Lens: Injection plastic.
- LED parts: High efficacy LED, non-replaceable.
- Chromaticity tolerance (initial MacAdam): 3 SDCM.
- Input Current: 350mA.
- Ta: -20~35°C.
- Lifetime: 50,000 hrs (L80, B20, Ta = 25°C, 12 hrs/day).
- Degree of protection: IP43.
- Impact resistance: IK02.
- N.W. : 50 g.



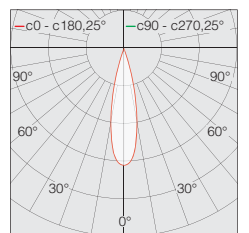
Dimensions: (mm)



Specifications

Order no.	Model	Power (W)	Ra(R9) typ	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1030-201183-0133	MINIFOCUS-R1-350	1(2.8V)	93(50)	3000	25°	73	73	200	10.7	540x420x255
1030-201083-0136	(Black)		93(50)	4000	25°	82	82			
1030-201183-0131	MINIFOCUS-R1-350	1(2.8V)	93(50)	3000	25°	73	73	200	10.7	540x420x255
1030-201083-0132	(Silver)		93(50)	4000	25°	82	82			

Photometrics



Accessories (optional)

Order No.	Photo	Description	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1001-660292-0138		Model: SLT20-500IL-UN Matching driver, max. 14W. Input: 110-277VAC Output: 350mA 190mm cable + JBI-8A Number of connected luminaires: 2-8pcs.	100	11.5	545x290x225



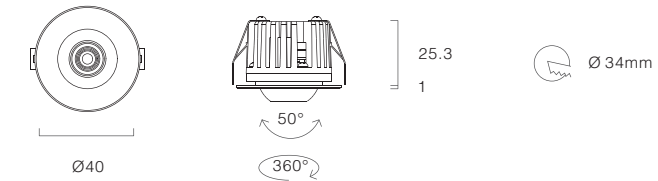




- Housing: Machining aluminum oxidized.
- Lens: Injection plastic.
- LED parts: High efficacy LED, non-replaceable.
- Chromaticity tolerance (initial MacAdam): 3 SDCM.
- Input Current: 500mA.
- Ta: -20~35°C.
- Lifetime: 50,000 hrs (L80, B20, Ta = 25°C, 12 hrs/day).
- Degree of protection: IP20.
- Impact resistance: IK02.
- N.W. : 50 g.



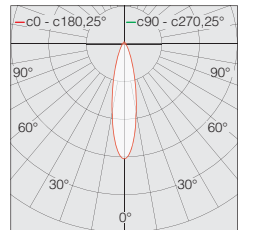
Dimensions: (mm)



Specifications

Order no.	Model	Power (W)	Ra(R9) typ	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1030-101134-0130	PEARL-R1-500-1	1.5	93(50)	3000	25°	110	73	200	11	540x340x240
1030-101034-0134			93(50)	4000		120	80			

Photometrics



Accessories (optional)

Order No.	Photo	Description	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1001-660292-0137		Model: SLT20-500IL-UN Matching driver, max. 20W. Input: 110-277VAC Output: 500mA 190mm cable + JBI-8A Number of connected luminaires: 2-8pcs.	100	11.5	545x290x225

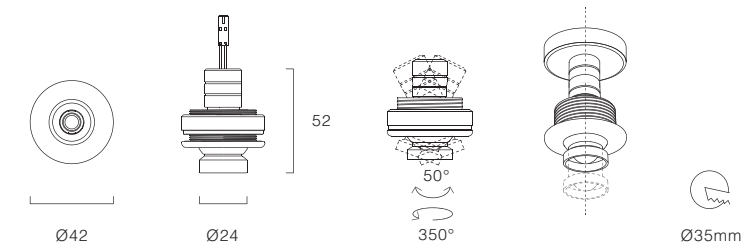




- Housing: Machining aluminum oxidized.
- Lens: Injection plastic.
- LED parts: High efficacy LED, non-replaceable.
- Chromaticity tolerance (initial MacAdam): 3 SDCM.
- Input Current: 500mA.
- Ta: -20~35°C.
- Lifetime: 50,000 hrs (L80, B20, Ta = 25°C, 12 hrs/day).
- Degree of protection: IP20.
- Impact resistance: IK02.
- N.W. : 72 g.



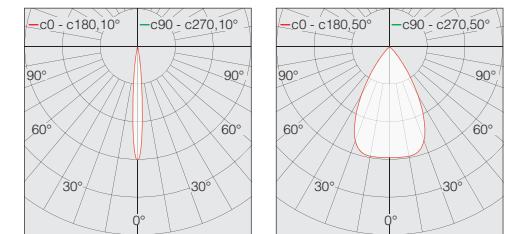
Dimensions: (mm)



Specifications

Order no.	Model	Power (W)	Ra(R9) typ	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1030-111127-0130	MINO3-R1-500	1.5(3V)	93(50)	3000	10-50°	75	50	100	8.7	305x260x265
1030-111027-0132			93(50)	4000	10-50°	80	53			

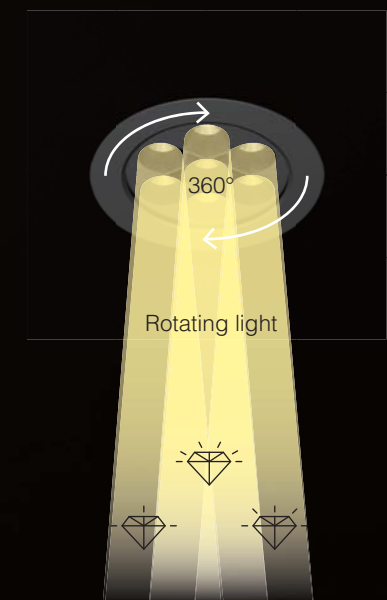
Photometrics



Accessories (optional)

Order No.	Photo	Description	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1001-660292-0137		Model: SLT20-500IL-UN Matching driver, max. 20W. Input: 110-277VAC Output: 500mA 190mm cable + JBI-8A Number of connected luminaires: 2-8pcs.	100	11.5	545x290x225



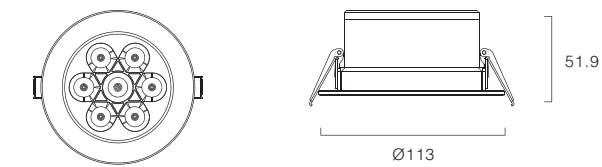




- Housing: Machining aluminum oxidized.
- Lens: Injection plastic.
- LED parts: High efficacy LED, non-replaceable.
- Chromaticity tolerance (initial MacAdam): 3 SDCM.
- Input Voltage: 24V.
- Ta: -20~35°C.
- Lifetime: 50,000 hrs (L80, B20, Ta = 25°C, 12 hrs/day).
- Degree of protection: IP20.
- Impact resistance: IK02.



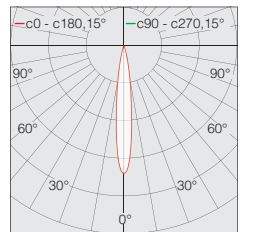
Dimensions: (mm)



Specifications

Order no.	Model	Power (W)	Ra(R9) typ	CCT (K)	Beam angle	Luminous flux(lm)	Luminaire efficacy(lm/w)	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
-	SHINING-R7-24V	5	93(50)	3000	15°	450	90	-	-	-
-			93(50)	4000		475	95	-	-	-

Photometrics



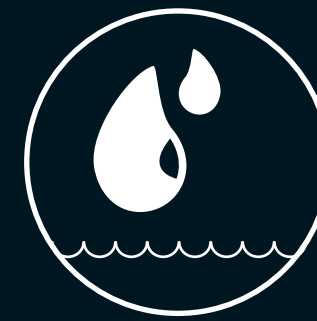
Accessories (optional)

Order No.	Photo	Description	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1001-210056-0133		Model: SLT40-24VL-UN Matching driver, max. 40W. Input: 100-240VAC Output: 24V 230mm cable + 6 way junction box	50	10.5	385x350x275



Shelf Power System

Welcome to the extensive range of components from SELF. It covers Shelf power system.



Easy and quick installation Low maintenance cost.





IPX5

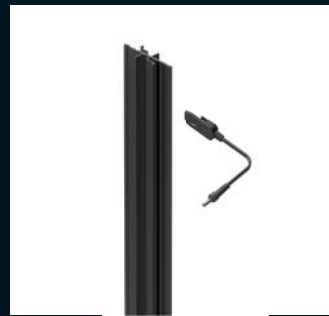
CABLE TRACK2

Better Shopping Experience.
Easy And Quick Installation.
Low Maintenance Cost.

Lighting components

435

Shelf power system



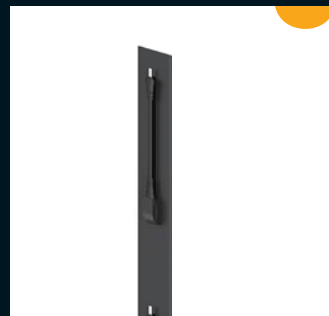
INVISIBLE SHELF TRACK
455



SHELF TRACK
459



SHELF TRACK 2
463



CABLE TRACK 2
465

Lighting components

469

Control system



PRS SYSTEM
469



SRS SYSTEM
483

Led power supply



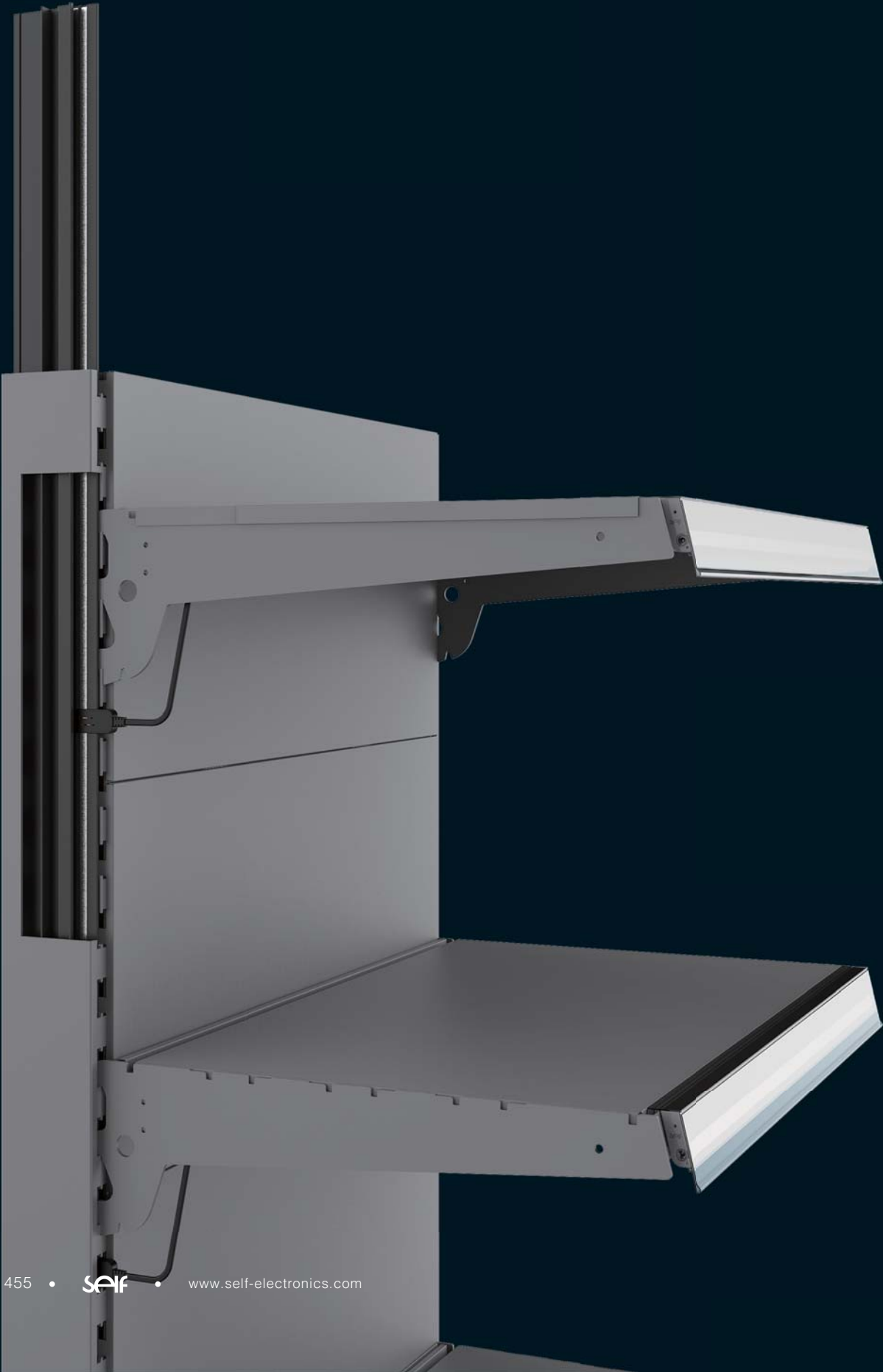
CV SERIES
497



CC SERIES
498

497

SPLUG / SRAIL SHELF POWER SYSTEM

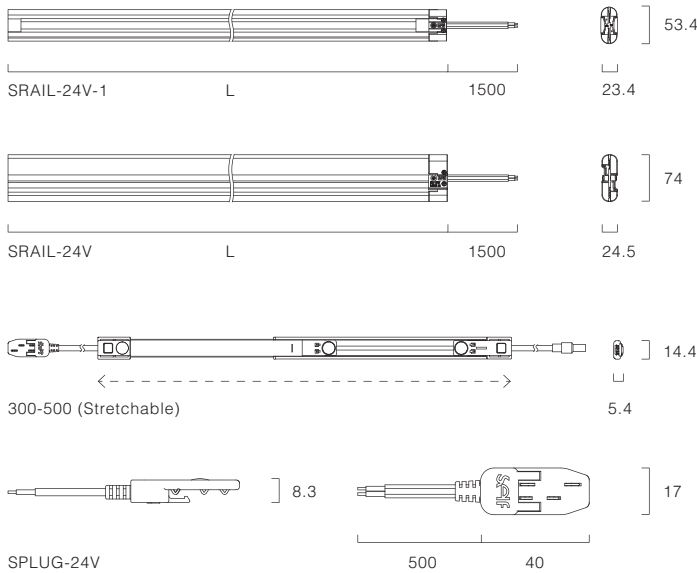




- The invisible system for shelf lighting.
- The plug can change insert place freely.
- Tool-free, the low voltage power rail can be inserted into the shelf upright easily.
- The LED luminaires and rails are connected via a small plug.
- The shelves can be replaced by S-plug system easily.
- Complete shelf system available.
- Suitable for different Column 30x60/80mm.



Dimensions: (mm)



Specifications

Order no.	Model	Operating voltage	Operating current	Length (mm)	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1063-400023-0130	SPLUG-24V(WHITE)	0-60V	2	-	40	5	320x290x250
1063-400023-0131	SPLUG-24V(BLACK)		2	-	40	5	320x290x250
1063-000243-0130	SRAIL-24V(BLACK)	0-60V	6	1800	10	12	1860x210x145
1063-000242-0132	SRAIL-24V-1(BLACK)		6	1800	10	13.5	1860x210x145



SHELF TRACK SHELF POWER SYSTEM



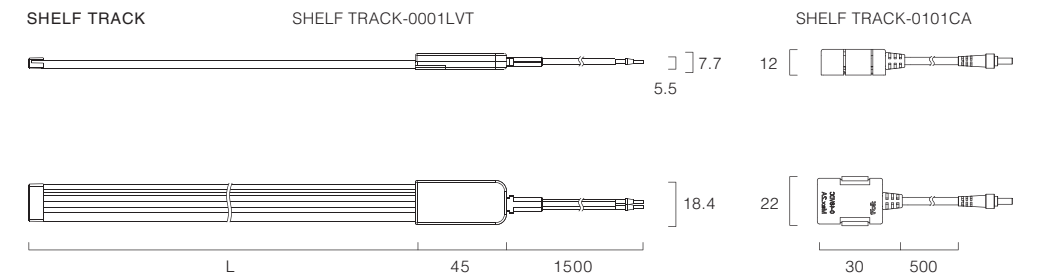
SHELF TRACK SHELF POWER SYSTEM



- Quick and easy installation.
- Super thin track(only 3.5mm).
- Can be cut in any length.
- Suitable for the dry location.



Dimensions: (mm)



Specifications

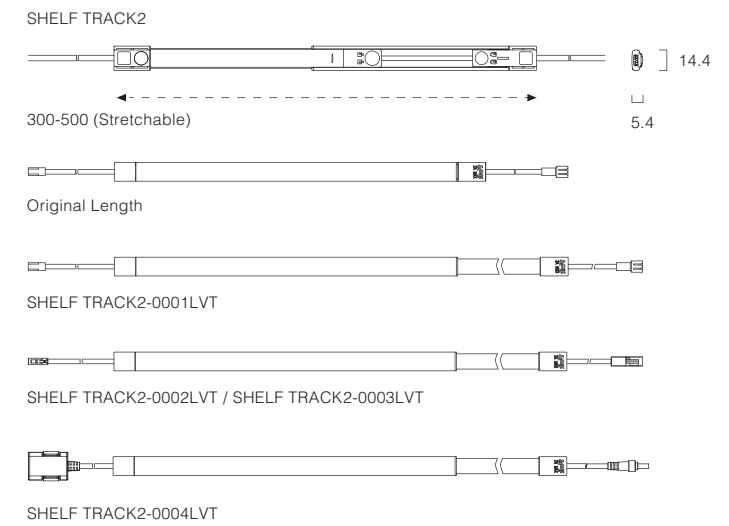
Order no.	Model	Operating voltage	Operating current	Length (mm)	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1063-000047-0132	SHELF TRACK-0001LVT(white)	0-48V	Max.4A	1750(optional)	60	12.7	1840x210x175
1063-000047-0130	SHELF TRACK-0001LVT(black)	0-48V	Max.4A	1750(optional)	60	12.7	1840x210x175
1063-000077-0130	SHELF TRACK-0101CA(White)	0-48V	Max.1A	700(optional)	700	12.6	510x260x330
1063-000048-0130	SHELF TRACK-0101CA(black)	0-48V	Max.1A	700(optional)	700	12.6	510x260x330



- Quick and easy installation.
- Super thin track(only 3.5mm).
- Can be cut in any length.
- Suitable for the dry location.



Dimensions: (mm)



Specifications

Order no.	Model	Operating voltage	Operating current	Length (mm)	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1063-000058-0130	SHELF TRACK2-0001LVT(White)	12/24V	Max. 2A	300-500	300	12.3	485x260x220
1063-000063-0130	SHELF TRACK2-0002LVT(White)	12/24V	Max. 2A	300-500	300	12.3	485x260x220
1063-000064-0130	SHELF TRACK2-0003LVT(black)	12/24V	Max. 2A	300-500	300	12.3	485x260x220
1063-000090-0130	SHELF TRACK2-0004LVT(White)	12/24V	Max. 2A	300-500	300	12.3	485x260x220

CABLE TRACK2 SHELF POWER SYSTEM

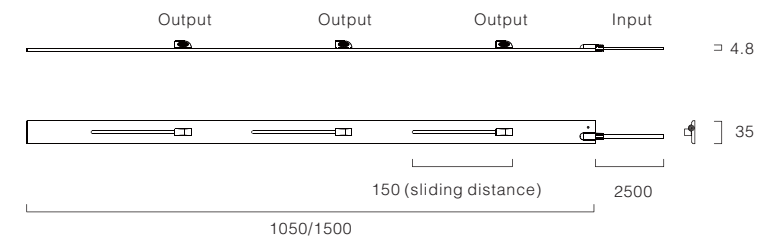




- Quick and easy installation.
- Super thin track(only 3.5mm).
- Can be cut in any length.
- Suitable for the dry location.



Dimensions: (mm)



Specifications

Order no.	Model	Input voltage	Input current	Adapters	Current of each adapters	Length (mm)	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1063-000086-0131	CABLE TRACK2-0104CA	24VDC	4A Max	4 pcs	2A Max	1050mm	54	14.5	1365x330x145
1063-000087-0131	CABLE TRACK2-0106CA	24VDC	4A Max	6 pcs	2A Max	1500mm	16	5.9	1845x160x85

Accessories (optional)

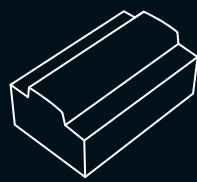
Order No.	Photo	Description	QTY/CTN (pcs)	G.W./CTN (kg)	SIZE/CTN (mm)
1099-000168-0132		650mm Extension cable x1	-	-	-
1099-000164-0130		Magnetic cable clip x1	1000	6	250x230x150
1001-260021-0133		Model: SLT75-24VL-E Matching driver, max. 75W. Input: 220-240VAC 2000mm cable +plug. Output: 24V 400mm cable +2*DSG plug. Comply with IEC60335-1.	30	15	425x265x350
1001-260021-0133		Model: SLT150-24VLG-E Matching driver, max. 150W. Input: 220-240VAC 2000mm cable +plug. Output: 24V 400mm cable +2*DSG plug. Comply with IEC60335-1.			

PRS System

Core Idea: Professional, Refined and Simple. By using PRS system to deliver a comfortable lighting environment, you can adjust every single light in the space, grouping them and save scenes. You can control the lights intuitively in our PRS system APP by uploading drawings. PRS system can significantly decrease lighting energy use based on the maximum satisfaction of user's application. When there is a malfunction, the system can automatically notify users and after-sales service team through the Internet of Things to reduce management costs.

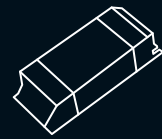


APP Control



Control System

Control system is specially designed for retail application, with few system components and simple installation, deployment and maintenance.



LED Power Supply

LED power supply is the one of the most important parts for LED lighting project. We supply all kinds of both CC and CV LED power supplies. These LED power supplies come with the best quality, super thin design, high PFC, thin and high efficiency.









People Oriented, Professional Lighting

Insisting the design philosophy of 'people oriented', PRS offers optimized lighting solutions for different scenes with the Internet of Things. Users can tailor their own scene effects to individual preference. SMART sensor can achieve automated lighting control according to ambient lights changes, and can also deliver customized configurations by users' habits.

- The illuminating brightness can be adjusted directly.
- Make groups for luminaires in the area by need.
- Professional scene setting.
- Wireless control, panel-free.



Easy Operation, All in Your Control

With an intuitive human-computer interface, users can find on-site drawings in APP and control each light on it directly. The data PRS collects will be presented in the form of infographics to assist users to make effective decisions and judgments.

- Control single light or groups on the drawings to directly .
- Smart sensor can provide a variety of configurable solutions according to different applications.
- The panel keys are flexibly configurable.
- Simple event scheduling.
- Thermal map of display area.



Global Deployment, One-click Management

- World map, unified management of multiple branches.
- Log in the head office account on the APP to manage global stores.



PRS, Reliable and Safe

- Meet European GDPR standards.
- TUV third-party certification.
- Bank-level security.
- Provide continuous upgrade support.



PRS Supports Integrated Standard DALI Power supply

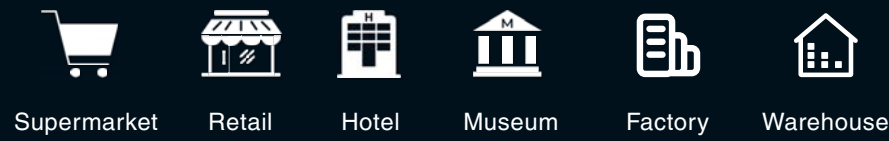
- Support DALI2 standard.
- All luminaires conforming to DALI standards are compatible with the system.



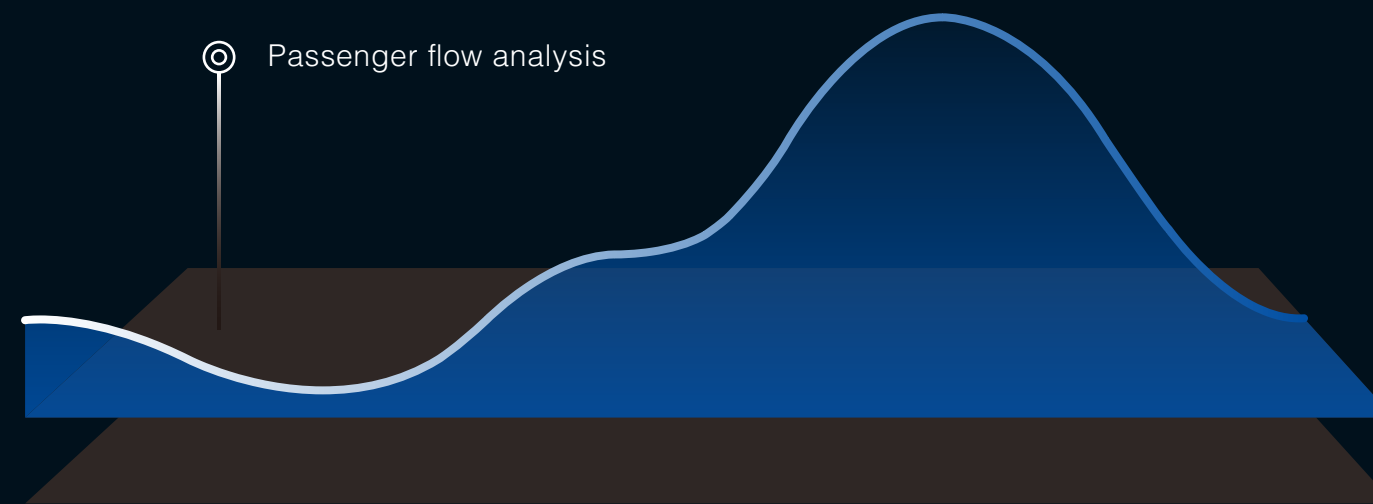
Less Energy, Less Costs

PRS reduces lighting energy consumption through the presence of different sensors without sacrificing comfort. PRS can automatically detect and report faults, thus notify users and after-sales service teams through the Internet of Things to reduce management costs. Furthermore, PRS has the ability to collect, collate, mine and analyse the data, which brings more benefits to users.

- Sensors collect ambient lightchanges for automated control.
- Flexible event scheduling.
- Statistical chart of historical energy consumption data.
- Alarm and report the luminaire faults immediately.



Commercial Lighting Smart System
PRS System

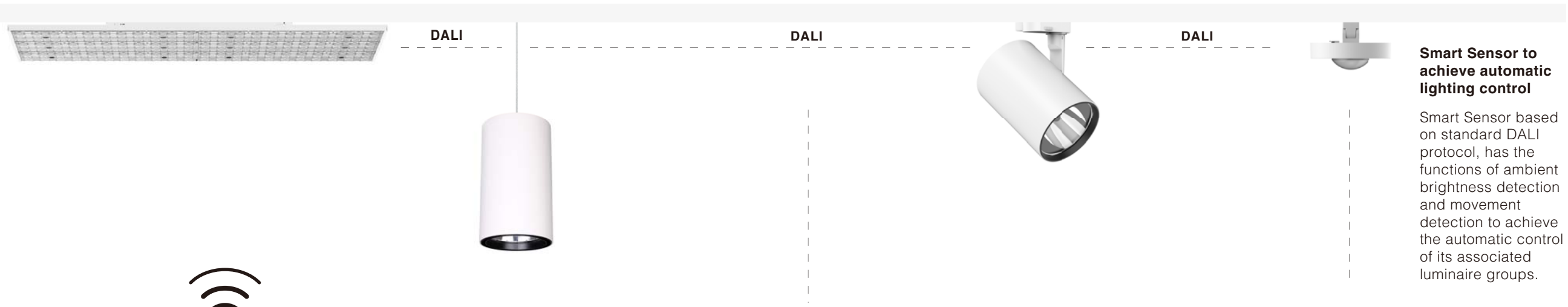


Professional & easy deployment and maintenance

PRS system provides a professional operating solution for field deployers and maintainers. Deployers can complete the deployment step by step according to the instructions of the APP then submit the operation permission to users. When the system fails, users can return the permission to maintainers to repair faults. System will collect the fault information and provide an optimal solution.

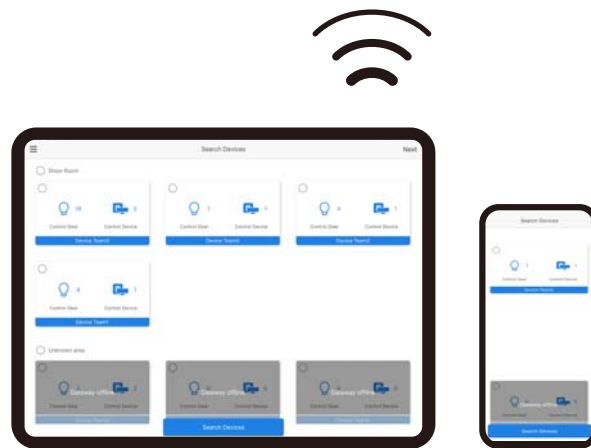
User friendly interface

Easy-to-use interface, Users can control each light in drawings directly, such as making groups, setting up appropriated scenes.



Smart Sensor to achieve automatic lighting control

Smart Sensor based on standard DALI protocol, has the functions of ambient brightness detection and movement detection to achieve the automatic control of its associated luminaire groups.



LED power supply based on standard DALI

Install LED power supply based on the standard DALI on the bus, which can be connected to the PRS system and controlled uniformly through deployment.

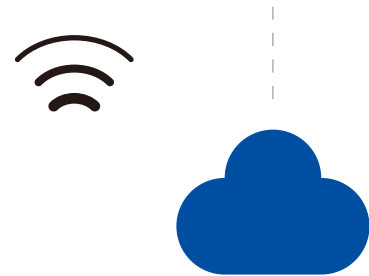
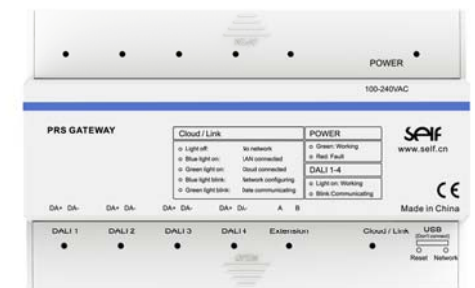


Flexible configurable panel

8 keys panel can modify its associated luminaires groups and be able to configure 4 scenes freely.

Powerful gateway

PRS gateway supports up to 64 Control Gears and 16 Control Devices on 4 DALI lines. With network or WIFI, PRS system can not only support for OTA upgrade, but also connect DALI system to the IoT cloud, using the APP to achieve the monitoring management.



The Bank-level Internet of Things(IoT) cloud

PRS system can load the operating data and fault message to SELF cloud. All those data uploaded would be authenticated and encrypted, which is comparable to bank -level security.



Adapt to different network environment automatically

Adapt to the router connection status automatically, supporting LAN and WLAN connection.

Applied to various scenes

PRS system can be installed in different application scenes, including shop, museum, supermarket, warehouse, office building and so on.





- Built-in WIFI module and wired network module connecting to the IoT cloud.
- Independent lighting control for up to 256 DALI gears on 4 DALI lines.
- Simple setup via mobile App or Cloud service.
- Can be expanded by connecting multiple gateways on the same network.
- 4-way DALI interface for DALI Protocol communication.
- Built-in DALI PS power supply.
- Indicator light indicates the working state of power supply, network and DALI.
- Use keys to reset, configure the network or restore the factory settings.
- Support for remote firmware upgrade.
- Warranty: 5 Years.

GATEWAY
Model: PRS301A



- DALI interface: used for DALI Protocol communication and power supplying.
- 8 keys: on, off, dim+, dim-, scene A, scene B, scene C, scene D.
- With functions of reset and restore factory settings
- Indicator light: to indicate whether the current device is selected and whether the key is pressed when mapping.
- Support using the APP to configure panel parameters and scene key functions.
- Warranty: 5 Years.

PANEL
Model: PRS302A



- With ambient light dependent control and motion detection.
- Lighting control and motion detection can be deactivated.
- Built-in DALI PS power supply (optional) and DALI interface: support supplying power from PS or DALI bus.
- The surface indicator light indicates the current working state of the sensor.
- Support the surface key to switch on or off the sensor or restore factory setting.
- Support the surface knob to adjust the brightness threshold of PIR switch from 10 to 650lux, maintain the brightness for 0 to 70% after people leave, as well as maintaining for 30s to 30min.
- Support using APP to configure sensor parameter.
- Support working with PRS Gateway as well as independently.
- Warranty: 5 Years.

SENSOR
Model: PRS303A



SENSOR
Model: PRS304A



- Built-in or external application.
- 180 mA current for DALI devices or control modules without separate power supplies.
- 40 mA current comply with DALI 2 standard.
- Class II protection against electric shock for direct or indirect contact.
- Universal input voltage from 110-277V
- Push-in terminal block for quick connection.
- Start-up time ≤0.5S.
- Open circuit, short circuit, over load and over temperature protection
- Auto restart after fault conditions removal.
- Warranty : 5 Years.

POWER SUPPLY
Model: PRS305A



- Voltage range (220-240V AC).
- Potential-free, bi-stable relay make contact.
- Support DALI standard IEC 62386-208 (Device Type 7-Switching Function).
- Support DALI standard IEC 62386-206 (Device Type 5-Converter).
- Zero cross switching function.

CONTROLLER
Model: PRS RM307A



- Compatible with DALI system control
- Adjustable dimming and color temperature
- Deep Dimming: 0.1%-100%

COLOR TEMPERATURE CONTROLLER
MODEL: PRS308A



- Compatible with DALI system control
- Adjustable dimming and color temperature
- Deep Dimming: 0.1%-100%

COLOR TEMPERATURE CONTROLLER
MODEL: PRS309A

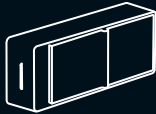
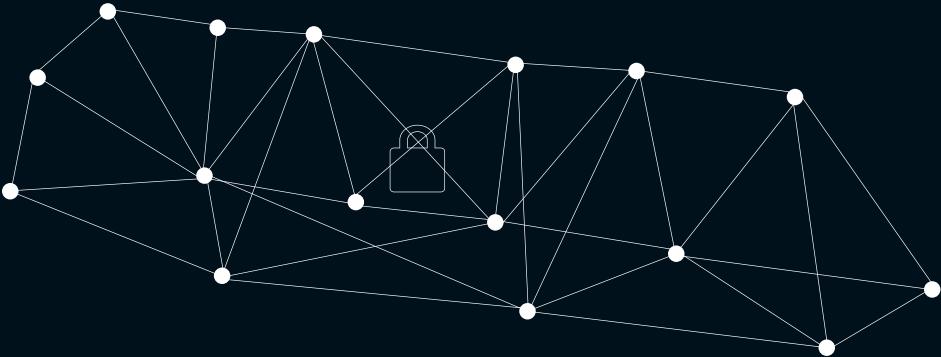


SRS System

SRS system is a lighting control system that provides light management by APP and remoter. It is ideal for new construction or retrofit application of refrigerator lighting. What's more, SRS SYSTEM can save up to 25% or more of that lighting energy depending on different lighting control strategies.

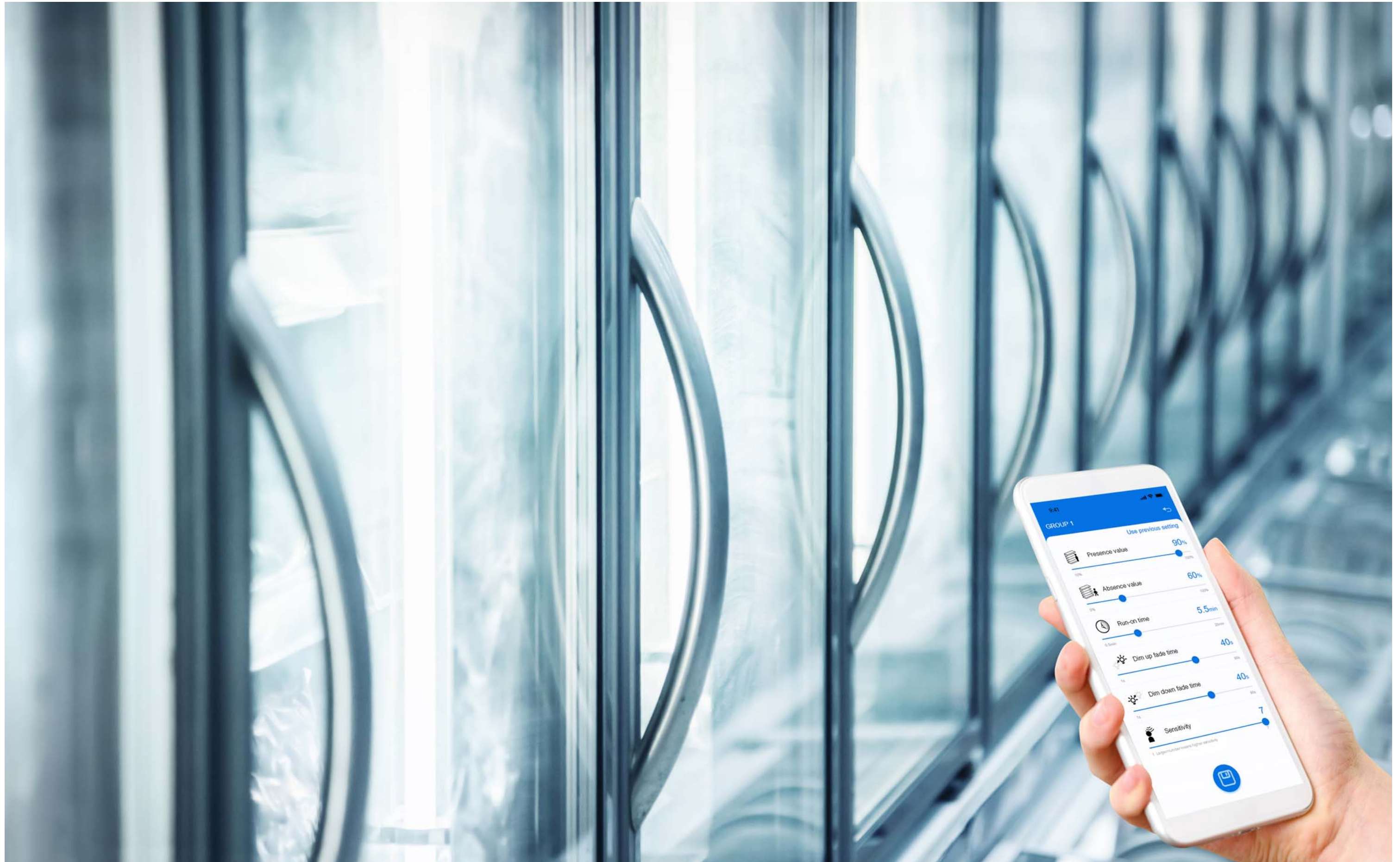


APP Control



Simple Control

It's easy for restructuring supermarkets, help to save maintenance costs.









Motion sensor

When human-body leaves the detection range or no motion detected in the detection range, lights will be off after delay time.

When human-body or object moves in the detection range, lights will be on.



APP Control

On / Off / Dimming / Timing setting / Synchronize time Motion sensor setting.

Smart System for Refrigerator lighting

SRS System



4000K



Meat Color



Energy saving

Timing setting contributes enormously to energy saving. E.g. At 9 am, lights turn on automatically, and at 9 pm, lights turn off automatically.



Safer

Privatized Bluetooth Mesh Network.



Color variable



Timing setting



Motion sensor



Energy Saving



Safe data





- High-precision clock source, synchronizing the entire network time through the Bluetooth mesh network.
- Battery-powered, 10-year lifetime, or powered by 5V USB.
- Operation temperature: 0 ~ 35 degrees.

Model: SRS301A



- Dual color temperature controller.
- Dimming range: 10%~100%
- Input 12V / 24V, output 12V / 24V.
- Max Input Power: 100W/200W.
- Operation temperature: -30~50 degrees.

Model: SRS302A



- Built in microwave sensor to detect human body, detection range 1 ~ 6m.
- Slide the switch to choose the Color temperature.
- Timing setting via APP.
- Input voltage: 5V.
- Operation temperature: -30~50 degrees.

Model: SRS303A



LED POWER SUPPLY

CC Series



SLT20-500IL-UN



SLT35-1000IL-UN



SLD20-500ILD-UN



SLD35-1000ILD-UN

24V CV Series



SLT75-24VL-E



SLT100-24VL-E



SLT96-24VLC-UN



SLT100-24VLG-E



SLT150-24VLG-E



SLT96-24VLE-UN



SLT200-24VLE-EU



SLT150-24VFE-EU



SLT200-24VFE-EU



SLD150-24VFD-EU



SLD200-24VFD-EU


LED POWER SUPPLY

CC Series

Product	Model.no	Type	Input	λ	Output	Output power range	Output voltage range	L x W x H (mm)	Approval	
		CC	AC110-277V	0.70C	150mA	0.75-6W	5-40V	66.7x41x22 85.3x41x22	CE, RoHS, DALI, UK, CP	
		CC	AC110-277V	0.70C	200mA	1-8W	5-40V	66.7x41x22 85.3x41x22	CE, RoHS, DALI, UK, CP	
	SLT20-500IB-UN	CC	AC110-277V	0.70C	250mA	1.25-10W	5-40V	66.7x41x22 85.3x41x22	CE, RoHS, DALI, UK, CP	
	SLT20-500IL-UN	CC	AC110-277V	0.70C	300mA	1.5-12W	5-40V	66.7x41x22 85.3x41x22	CE, RoHS, DALI, UK, CP	
		CC	AC110-277V	0.70C	350mA	1.75-14W	5-40V	66.7x41x22 85.3x41x22	CE, RoHS, DALI, UK, CP	
		CC	AC110-277V	0.90C	400mA	2-16W	5-40V	66.7x41x22 85.3x41x22	CE, RoHS, DALI, UK, CP	
		CC	AC110-277V	0.90C	450mA	2.25-18W	5-40V	66.7x41x22 85.3x41x22	CE, RoHS, DALI, UK, CP	
		CC	AC110-277V	0.90C	500mA	2.5-20W	5-40V	66.7x41x22 85.3x41x22	CE, RoHS, DALI, UK, CP	
			CC	AC110-277V	0.75C	250mA	0.5-12W	2-50V	95.6x39x30 135.5x39x30	CE, RoHS, DALI, UK, CP
			CC	AC110-277V	0.75C	300mA	0.6-15W	2-50V	95.6x39x30 135.5x39x30	CE, RoHS, DALI, UK, CP
		CC	AC110-277V	0.75C	350mA	0.7-17W	2-50V	95.6x39x30 135.5x39x30	CE, RoHS, DALI, UK, CP	
		CC	AC110-277V	0.75C	400mA	0.8-20W	2-50V	95.6x39x30 135.5x39x30	CE, RoHS, DALI, UK, CP	
		CC	AC110-277V	0.85C	450mA	0.9-22W	2-50V	95.6x39x30 135.5x39x30	CE, RoHS, DALI, UK, CP	
		CC	AC110-277V	0.85C	500mA	1-25W	2-50V	95.6x39x30 135.5x39x30	CE, RoHS, DALI, UK, CP	
SLT35-1000IB-UN		CC	AC110-277V	0.90C	550mA	1.1-27W	2-50V	95.6x39x30 135.5x39x30	CE, RoHS, DALI, UK, CP	
SLT35-1000IL-UN		CC	AC110-277V	0.90C	600mA	1.2-30W	2-50V	95.6x39x30 135.5x39x30	CE, RoHS, DALI, UK, CP	
		CC	AC110-277V	0.90C	650mA	1.3-32W	2-50V	95.6x39x30 135.5x39x30	CE, RoHS, DALI, UK, CP	
		CC	AC110-277V	0.90C	700mA	1.4-35W	2-50V	95.6x39x30 135.5x39x30	CE, RoHS, DALI, UK, CP	
		CC	AC110-277V	0.90C	750mA	1.5-35W	2-47V	95.6x39x30 135.5x39x30	CE, RoHS, DALI, UK, CP	
		CC	AC110-277V	0.90C	800mA	1.6-35W	2-43V	95.6x39x30 135.5x39x30	CE, RoHS, DALI, UK, CP	
		CC	AC110-277V	0.90C	850mA	1.7-35W	2-41V	95.6x39x30 135.5x39x30	CE, RoHS, DALI, UK, CP	
		CC	AC110-277V	0.90C	900mA	1.8-35W	2-39V	95.6x39x30 135.5x39x30	CE, RoHS, DALI, UK, CP	
		CC	AC110-277V	0.90C	950mA	1.9-35W	2-37V	95.6x39x30 135.5x39x30	CE, RoHS, DALI, UK, CP	
		CC	AC110-277V	0.90C	1000mA	2-35W	2-35V	95.6x39x30 135.5x39x30	CE, RoHS, DALI, UK, CP	
		CC	AC110-277V	0.84C	150mA	4-6W	27-40V	78.7x41x22 97.3x41x22	CE, RoHS, DALI, UK, CP	
		CC	AC110-277V	0.89C	200mA	4-8W	20-40V	78.7x41x22 97.3x41x22	CE, RoHS, DALI, UK, CP	
		CC	AC110-277V	0.91C	250mA	4-10W	16-40V	78.7x41x22 97.3x41x22	CE, RoHS, DALI, UK, CP	
	SLD20-500IBD-UN	CC	AC110-277V	0.93C	300mA	4-12W	14-40V	78.7x41x22 97.3x41x22	CE, RoHS, DALI, UK, CP	
	SLD20-500ILD-UN	CC	AC110-277V	0.94C	350mA	4-14W	12-40V	78.7x41x22 97.3x41x22	CE, RoHS, DALI, UK, CP	
		CC	AC110-277V	0.95	400mA	4-16W	10-40V	78.7x41x22 97.3x41x22	CE, RoHS, DALI, UK, CP	
		CC	AC110-277V	0.95	450mA	4-18W	9-40V	78.7x41x22 97.3x41x22	CE, RoHS, DALI, UK, CP	
		CC	AC110-277V	0.95	500mA	4-20W	8-40V	78.7x41x22 97.3x41x22	CE, RoHS, DALI, UK, CP	








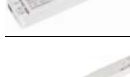



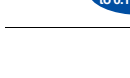






LED POWER SUPPLY

CC Series

Product	Model.no	Type	Input	λ	Output	Output power range	Output voltage range	L x W x H (mm)	Approval
		CC	AC110-277V	0.83C	250mA	5-10.5W	20-42V	96x42x29.8 139x42x29.8	pending
		CC	AC110-277V	0.86C	300mA	4.5-12.6W	15-42V	96x42x29.8 139x42x29.8	pending
		CC	AC110-277V	0.88C	350mA	2.8-14.7W	8-42V	96x42x29.8 139x42x29.8	pending
		CC	AC110-277V	0.90C	400mA	3.2-16.8W	8-42V	96x42x29.8 139x42x29.8	pending
		CC	AC110-277V	0.91C	450mA	3.6-18.9W	8-42V	96x42x29.8 139x42x29.8	pending
		CC	AC110-277V	0.93C	500mA	4-21W	8-42V	96x42x29.8 139x42x29.8	pending
		CC	AC110-277V	0.94C	550mA	4.4-23.1W	8-42V	96x42x29.8 139x42x29.8	pending
	SLD35-1000IBD-UN	CC	AC110-277V	0.94C	600mA	4.8-25.2W	8-42V	96x42x29.8 139x42x29.8	pending
	SLD35-1000ILD-UN	CC	AC110-277V	0.95	650mA	5.2-27.3W	8-42V	96x42x29.8 139x42x29.8	pending
		CC	AC110-277V	0.95	700mA	5.6-29.4W	8-42V	96x42x29.8 139x42x29.8	pending
		CC	AC110-277V	0.95	750mA	6-31.5W	8-42V	96x42x29.8 139x42x29.8	pending
		CC	AC110-277V	0.95	800mA	6.4-33.6W	8-42V	96x42x29.8 139x42x29.8	pending
		CC	AC110-277V	0.95	850mA	6.8-34.85W	8-41V	96x42x29.8 139x42x29.8	pending
		CC	AC110-277V	0.95	900mA	7.2-35.1W	8-39V	96x42x29.8 139x42x29.8	pending
		CC	AC110-277V	0.95	950mA	7.6-35.15W	8-37V	96x42x29.8 139x42x29.8	pending
		CC	AC110-277V	0.95	1000mA	8-35W	8-35V	96x42x29.8 139x42x29.8	pending

LED POWER SUPPLY

24 / 48V CV Series

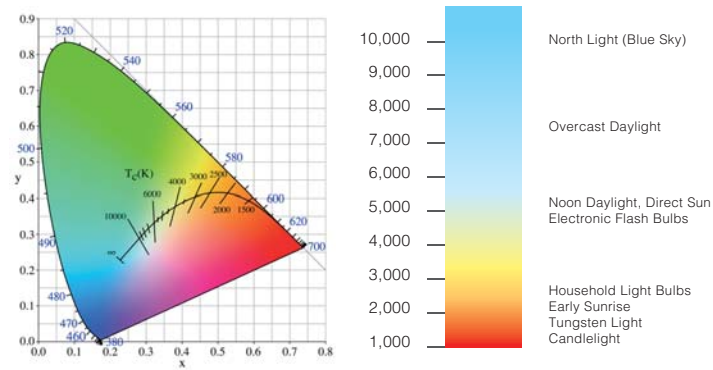
Product	Model.no	Type	Input	λ	Output	Output power range	Output voltage range	L x W x H (mm)	Approval
	SLT75-24VL-E	CV	AC 220-240V	0.95	75W/24V	0-75W	-	185x60x31	
	SLT100-12VL-E	CV	AC 220-240V	0.95	100W/12V	0-100W	-	185x60x31	
	SLT100-24VL-E	CV	AC 220-240V	0.95	100W/24V	0-100W	-	185x60x31	
	SLT96-12VLC-UN	CV	AC100-277V	0.95	96W/12V	0-96W	-	262x40x23	
	SLT96-24VLC-UN	CV	AC100-277V	0.95	96W/24V	0-96W	-	262x40x23	
	SLT100-12VLG-E	CV	AC 220-240V	0.95	100W/12V	0-100W	-	188x45x30	pending
	SLT100-24VLG-E	CV	AC 220-240V	0.95	100W/24V	0-100W	-	188x45x30	pending
	SLT150-24VLG-E	CV	AC 220-240V	0.95	150W/24V	0-150W	-	185x60x31	pending
	SLT150-48VLG-E	CV	AC 220-240V	0.95	150W/48V	0-150W	-	185x60x31	pending
	SLT96-24VLE-UN	CV	AC120-240V	0.95	96W/24V	0-96W	-	180x60x22	pending
	SLT96-48VLE-UN	CV	AC120-240V	0.95	96W/48V	0-96W	-	180x60x22	pending
	SLT200-24VLE-EU	CV	AC120-240V	0.95	150W/24V	0-200W	-	223x63x22	pending
	SLT200-48VLE-EU	CV	AC120-240V	0.95	150W/48V	0-200W	-	223x63x22	pending
	SLT150-24VFE-EU	CV	AC 220-240V	0.95	96W/24V	0-150W	-	354x30x22	pending
	SLT150-48VFE-EU	CV	AC 220-240V	0.95	96W/48V	0-150W	-	354x30x22	pending
	SLT200-24VFE-EU	CV	AC 220-240V	0.95	150W/24V	0-200W	-	354x30x22	pending
	SLT200-48VFE-EU	CV	AC 220-240V	0.95	150W/48V	0-200W	-	354x30x22	pending
	SLD150-24VFD-EU	CV	AC220-240V	0.95	24VDC	0-150W	-	402x30x22	pending
	SLD150-48VFD-EU	CV	AC220-240V	0.95	48VDC	0-150W	-	402x30x22	pending
	SLD200-24VFD-EU	CV	AC220-240V	0.95	24VDC	0-200W	-	402x30x22	pending
	SLD200-48VFD-EU	CV	AC220-240V	0.95	48VDC	0-200W	-	402x30x22	pending

Technical Information

Light Color Temperature

The color temperature of a light source is the temperature of an ideal black-body radiator that radiates light of a comparable hue to that of the light source. The color of light is designed in kelvin (K). The lower the kelvin, the "warmer" the light - from yellow to orange to red. The higher the Kelvin, the "cooler" (bluish-looking) the light.

Color Temperatures on the Kelvin Scale



Brilliant White

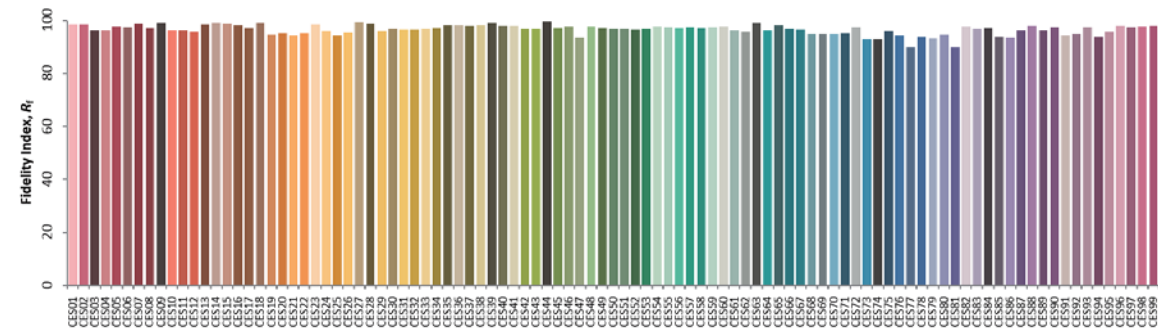
UNDER THE TM-30-15 METRIC

TM-30-15 is a new method to evaluate colour rendition; it includes several measures and graphics to evaluate the Fidelity (Rf) and Gamut (Rg) of a source when compared to a reference illuminant – a tungsten halogen. Unlike the Colour Rendering Index (CRI) which only considers the average accuracy of limited colour samples, TM-30 widens the comparative colour samples and offers a more comprehensive way to evaluate overall rendition.

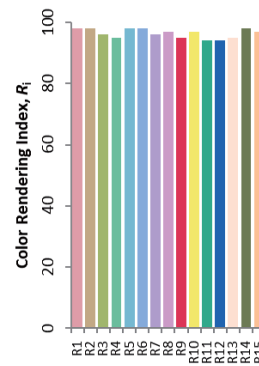
Rf(Fidelity Index)

Analogous to CIE Ra (CRI). Characterizes the average color shift of the 99 CES to characterize the overall level of similarity between the test source and reference illuminant. Values range from 0 to 100.

TM-30-15 Fidelity Index (Rf): 99 color samples



Color Rendering Index (CRI): 8 or 15 color samples



Rg(Gamut Index)

Compares the area enclosed by the average chromaticity coordinates in each of 16 hue bins to characterize the average saturation level of the test source compared to the reference illuminant. A neutral score is 100, with values greater than 100 indicating an increase in saturation and values less than 100 indicating a decrease in saturation. The range in values grows as fidelity decreases.



The Brilliant white both got good performance in CRI and TM-30-15.

CRI 95
 R9 75
 Rf 90
 Rg 100

Red/Blue/Yellow/White

Hundreds of colours of fish and meat, Thousands of colours of vegetables and fruits, Millions of colours of groceries,

All can be shown by Brilliant White.

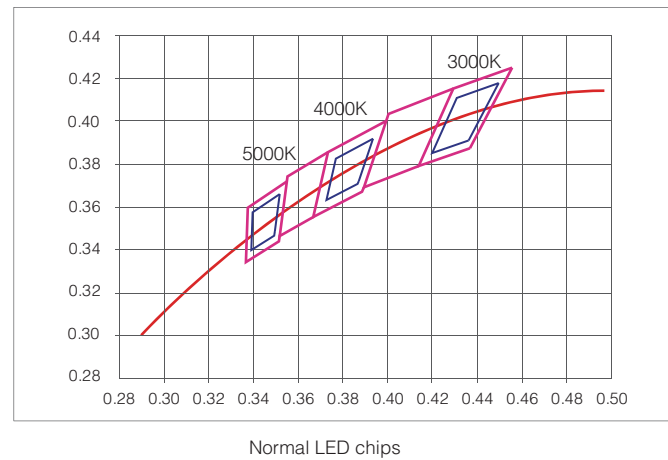


Technical Information

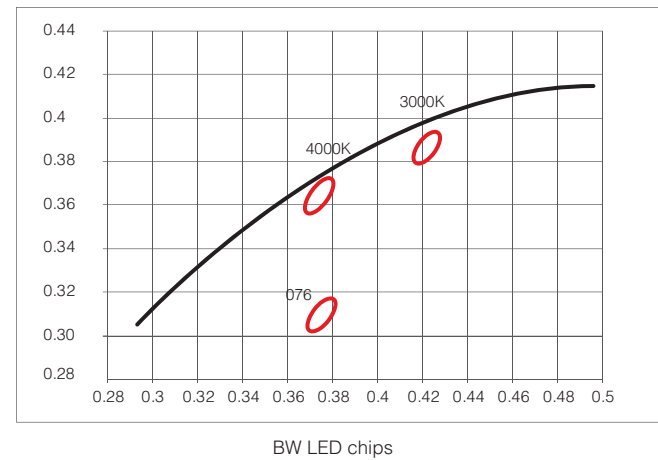
CCT Location- Below BBL

Recent researches made some visual tests, and the results show that the LED light by shifting color coordinate below the black-body locus can both enhance the color appearance of the illuminated products and increase the white light visual perception.

Color Bin Definition



Color Bin Definition



Recommended values for COMMERCIAL LIGHTING

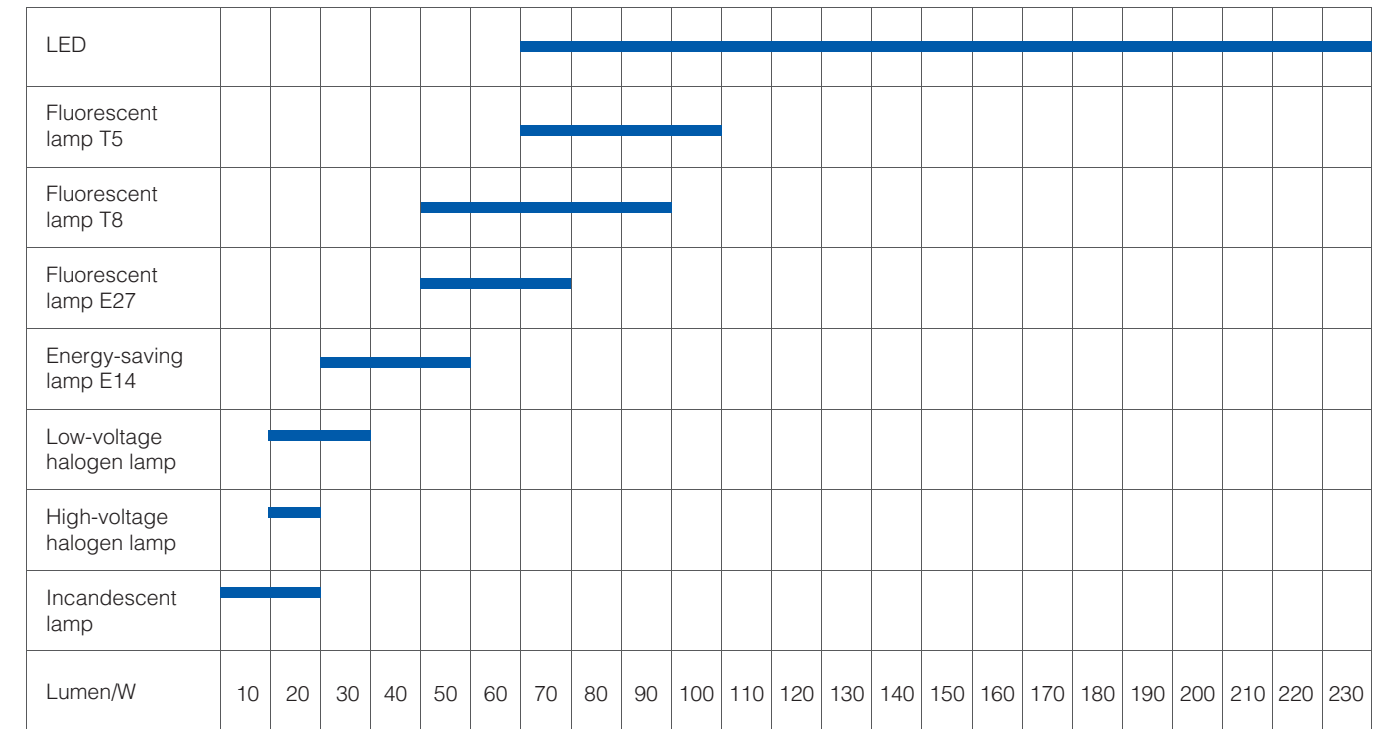
Area of application	Cool White		White		Warm White				Brilliant	White	Crisp White	M3
	865 6500K	850 5000K	840 4000K	940 4000K	830 3000K	930 3000K	827 2700K	927 2700K	930 3000K	940 4000K	930 3000K	876
Retail premises												
Food, general	☐		■		■		■		■	■		
Bread and cakes							■	■	■			
Refrigerated counters, deepfreezers	■								■	■		
Cheese, fruit, vegetables			■		■		■		■	■		
Fish			■		■		■		■	■		■
Meat, sausages	☐											■
Textiles, leather goods	■	■		■	■	■	■	■	■	■		
Furniture, carpets					■	■	■	■	■			
Sporting goods, toys, stationery			■	☐	■	☐			■	■		
Photos, watches, jewelry	☐	☐	■	☐	■	☐			■	■		
Cosmetics, hairdressers			☐	■	☐	■	☐	■	■	■		
Flowers	☐	☐	■	■		■	☐		■	■		
Fashion			■		■				■	■	■	
Offices, administrative buildings												
Offices, corridors			■		■							
Meeting rooms					■		■					
Industry, trade, commerce												
Warehouses, transport depots			■									

■ First choice ☐ Second choice

Energy Efficacy (light output)

Unit: lumens per watt (lm/W).

Luminous efficacy is a measure of how well a light source produces visible light. It is the ratio of luminous flux to power.



Technical Information

Average Rated Life

This means the period of operating time after which the total number of lamps which continue to operate corresponds to the lamp survival factor of the lamp under defined conditions and switching frequency. For LED lamps, lamp lifetime means the operating time between the start of their use and the moment when only 50% of the total number of lamps survive or when the average lumen maintenance of the batch falls below 70%, whichever occurs first (ex.L70F50) .

Average rated life of different lamps	
Incandescent lamp E14/E27	Approx.1,000hrs
Low-voltage halogen lamp (no name)	500~2,000hrs
Low-voltage halogen lamp (brand product)	2,000~4,000hrs
Fluorescent lamp T5 (6~13W)	Approx.7,000hrs
Fluorescent lamp T8	13,000~20,000hrs
Energy-saving lamp	4,000~19,000hrs
Fluorescent lamp T5 HO	Approx.24,000hrs
LED(depending on brand of LED chip,LED driver,cooling...)	10,000~100,000hrs&up

Color Difference

There are three parameters that can define the color difference: hue, lightness, chroma. Hue is the most important one, .g. say yellow or green. The second is lightness and the last parameter is chroma.

UGR (Unified glare rating)

The unified glare rating (UGR) is a measure of the glare in a given environment, proposed by Sorensen in 1987 and adopted by the International Commission on Illumination (CIE). It is basically the logarithm of the glare of all visible lamps, divided by the background luminance L_b .

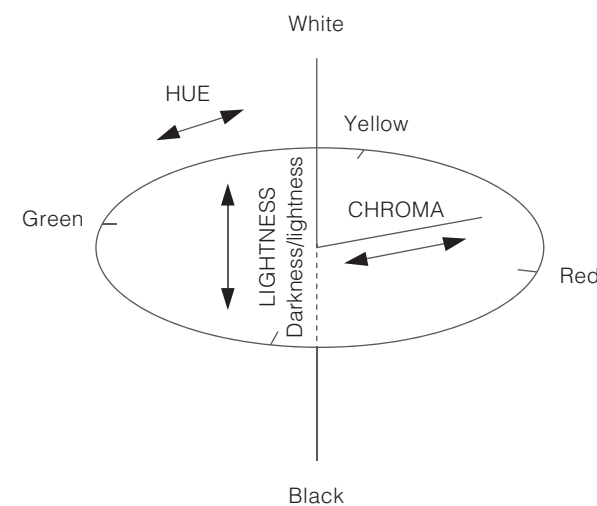
$$UGR = 8 \log \frac{0.25}{L_b} \sum_n (L_n^2 \frac{w_n}{p_n^2})$$

where \log is the common logarithm (base 10), L_n is the luminance of each light source numbered n , w_n is the solid angle of the light source seen from the observer and p_n is the Guth position index, which depends on the distance from the line of sight of the viewer.

European Standard EN 12464 regulates the lighting of indoor workplaces. In doing so, the unified glare rating method is used to evaluate (psychological) glare.

UGR limits (UGRL) that must not be exceeded:

- ≤ 16 Technical drawing.
- ≤ 19 Reading, writing, training, meetings, computer-based work.
- ≤ 22 Craft and light industries.
- ≤ 25 Heavy industry.
- ≤ 28 Railway platforms, foyers.



Technical Statement

TRUNK lighting / TRACK lighting / Recessed lighting

- [1] Input Voltage/current(V): Measurement precision for input voltage/current /power +/- 10%.
- [2] Frequency(Hz): Minimum power factor is rated value - 0.05.
- [3] CCT(K): Comply with ANSI C78.377.
- [4] Ra: Minimum Ra(TYP.) is rated value - 2.
- [5] Beam Angle: Beam angle ≤20°, measurement precision +/- 20%; beam angle >20°, measurement precision +/- 15 %.
- [6] Luminous Flux(lm): Minimum Luminous flux is 90% of rated value.
- [7] Luminaire efficacy(lm/W): Minimum Luminaire efficacy is 90% of rated value.
- [8] Max. Linkable(pcs): Based on calculation of TYPE C 16A mini circuit breakers.

Linear lighting/Showcase lighting

- [1] Input Voltage/current(V): Measurement precision for input voltage/current /power +/- 10%.
- [2] Frequency(Hz): Minimum power factor is rated value - 0.05.
- [3] CCT(K): Comply with ANSI C78.377.
- [4] Ra: Minimum Ra(TYP.) is rated value - 2.
- [5] Beam Angle: Beam angle ≤20°, measurement precision +/- 20%; beam angle >20°, measurement precision +/- 15 %.
- [6] Luminous Flux(lm): Minimum Luminous flux is 90% of rated value.
- [7] Luminaire efficacy(lm/W): Minimum Luminaire efficacy is 90% of rated value.
- [8] Max. Linkable(pcs): Based on grand total of luminaires Power should not exceed 80% of rated power output of LED power supply.

Cooler lighting

- [1] Input Voltage/current(V): Measurement precision for input voltage/current /power +/- 10%.
- [2] Frequency(Hz): Minimum power factor is rated value - 0.05.
- [3] CCT(K): Comply with ANSI C78.377, Meat color is available upon orders, please contact sales for more information.
- [4] Ra: Minimum Ra(TYP.) is rated value - 2.
- [5] Beam Angle: Beam angle ≤20°, measurement precision +/- 20%; beam angle >20°, measurement precision +/- 15 %.
- [6] Luminous Flux(lm): Minimum Luminous flux is 90% of rated value.
- [7] Luminaire efficacy(lm/W): Minimum Luminaire efficacy is 90% of rated value.
- [8] Max. Linkable(pcs): Based on: grand total of luminaires Power should not exceed 80% of rated power output of LED power supply.

