



LED LIGHTING 2018







**EAE's innovative lighting solutions**, which are integrated with **smart control systems** and developed and introduced to the **sector** by us, contribute to the creation of efficient, safe and **environment friendly** spaces in hundreds of projects accomplished.

In a period characterized by the rapid developments in light and light based technologies, **we are cognizant** of the important role lighting plays in all the areas of life.

We will continue to be a part of an efficient, **safe and sustainable** environment.



## INDUSTRIAL AND ARCHITECTURAL LIGHTING

EAE's reliable and efficient industrial lighting solutions have been preferred by many over others, in thousands of international projects. Installation of smart lighting systems with minimum amount of carbon footprint is a guarantee of the reliability of EAE products, especially in consideration of increasing energy costs.

The innovative lighting solutions that are designed by our team of experts to be compatible with light engineering principles are developed to provide the ideal level of illumination regardless of the type of the professional space concerned. Our products reflect not the short-term trends but the lighting techniques that optimize the perceptions while being compliant with the international standards and norms.



ERKE GREEN ACADEMY



## RELIABLE LED TECHNOLOGY

Swiftly developing and continuously modified LED technology adds a fresh perspective to how the ideas are shaped at EAE Aydinlatma. As a principle, EAE always provides the most accurate and current solutions to its customers, maintains an up-to-date product range that has been designed to provide quality, reliability and uninterrupted performance, and adapts its products to the latest developments in LED Technology.



## SUSTAINABLE LIGHTING

Innovative lighting technologies make it possible to achieve energy savings and reduce maintenance expenses as efficient light sources and lighting control systems are employed. Aside from its cost, the amount of energy consumed for lighting substantially contributes to the creation of greenhouse gases, a trigger of global warming. Reductions in consumption are proportionately reflected on the amount of the harmful gases emitted into the environment. Our lighting solutions ensure swift amortization of your investments and provide you the medium and long-term savings you seek in operating and maintenance expenses, with an added advantage of having a minimal impact on the environment and nature.

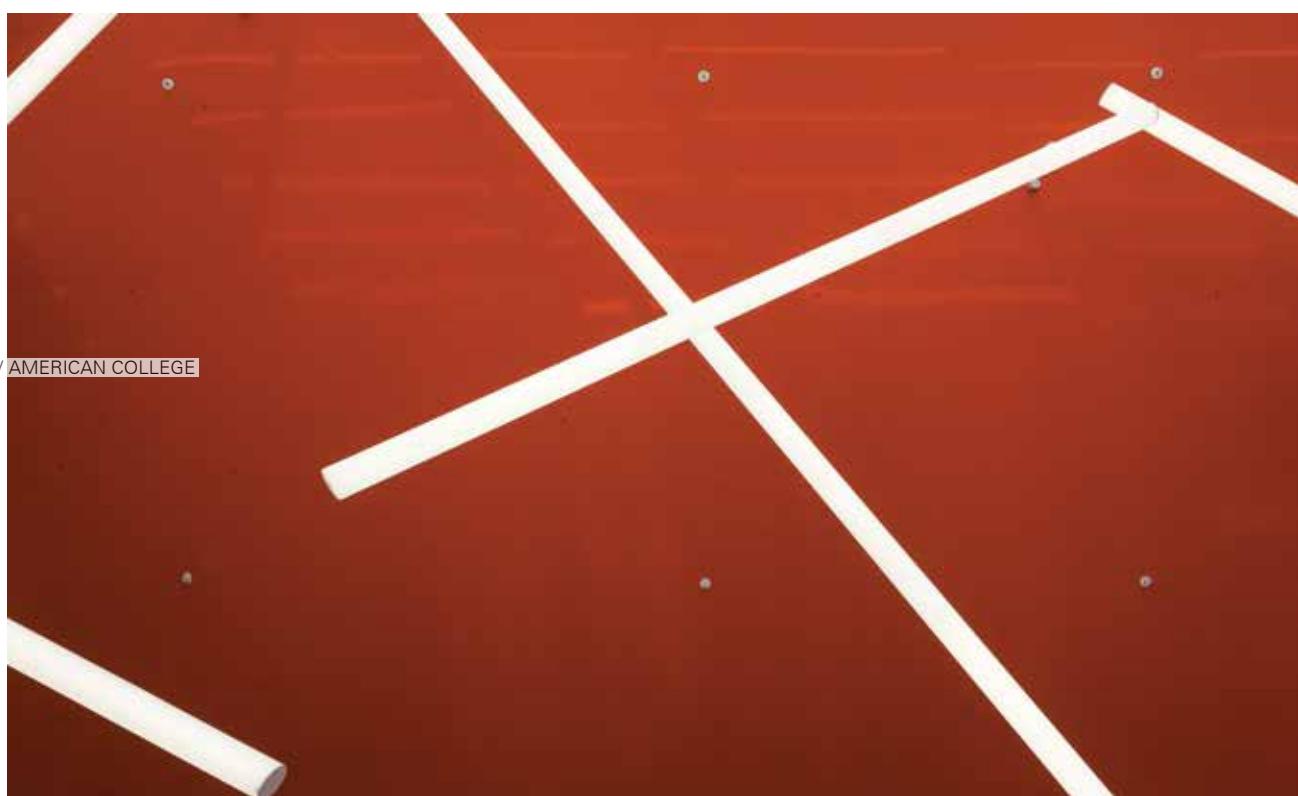
Our efficient and reliable professional lighting solutions create spaces harmonious with the environment and are preferred in projects of varied scale requiring a technical and specialized perspective.



ISHAK PASHA PALACE / AGRI



SEV AMERICAN COLLEGE

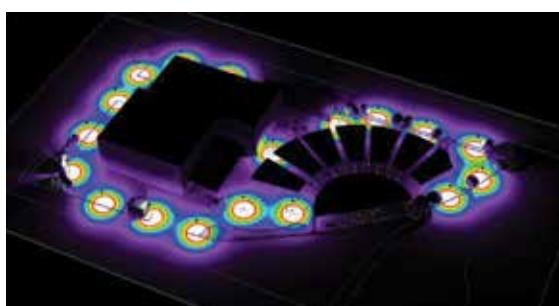


# PROJECT & LIGHTING DESIGN



## PROJECT AND DESIGN SUPPORT

Our Project team evaluating each project in international criteria and working with the same care, offers close and full support to our customers. EAE Lighting makes its own lighting technique, presents its advanced lighting systems and control possibilities all together, safely and in the best way with its technical project design specialists within its body.



EAE Lighting designs customer demands in industrial and architectural fields in accordance with today's lighting innovations by using effective and technologic lighting luminaires. While designing expectations of our customers, lighting calculations are made by creating 3-d modellings via Dialux and Dialux EVO lighting software accepted by world standards. Lighting plan is created via Autocad program by using lighting levels, visual and numerical values.

**DIALUX**  
Featured Project Award

 AUTODESK  
AUTOCAD

## SUCCESSFUL PROJECT DESIGNING

A successfully managed project is the one which fulfills the committed functions and can be carried out in required criteria within the planned budget (or with less cost).



## PROJECT MANAGEMENT

Other than creating project area for lighting in big and complex structures, our project team gives support to project management for perfect match between lighting application in building site and lighting layout plan.

## BENEFITS OF PROJECT DESIGNING

- Effectively using labor, equipment, money and knowledge,
- Providing customer satisfaction in affordable costs, on time and at desired level of performance and quality,
- Helping for reaching company targets in a shortest time,
- Helping about protection of company in lighting activity against economical and technical limitations in changing world technology.



## PROJECT STAGES

**ANALYSIS:** Determining what will be done,

**DESIGN:** Determining what will be done and conceiving the structure to be established,

**PLANNING:** Determining when it will be done with how much cost,

**APPLYING:** Realizing plans to reach the target in the most correct way.



## QUALITY AND PRODUCTION





Our products designed with quality, reliability and uninterrupted performance in mind, have made EAE Aydinlatma into the brand that is most favored in the world of lighting.

In addition to product durability, our superior customer service is a sign of our brand's quality. In the process that covers design, production, packaging, and delivery and beyond, our well equipped personnel have taken upon themselves to provide you the products as well as the information that you might need.



# LIGHTING LABORATORY



## A HIGHER QUALITY LIGHT

The developments in lighting technology show that it is not possible to explain light solely by numbers and multiplicities as it has an impact on the physiology of vision that leads to the development of an associated perception. Consequently, experts dealing with lighting design are required to work with the correct luminaires of lighting. EAE Aydinlatma Laboratories are equipped to foster the design of superior quality lighting luminaires.



The studies conducted on "Light Engineering" by EAE Aydinlatma are based on the measurements and evaluations performed at the company's own laboratories. In the year 2011, the company started to take light intensity spatial distribution, in other words, goniophotometry measurements on its own.

Goniophotometer identifies the light distribution curves during the lighting luminaire design process, measures total lumen and glare values and produces ISOLUX – ISOCANDELA diagrams. These tests are conducted according to EN (CIE) and IESNA standards.

The Ulbricht Sphere in 2-meter diameter provides the means to conduct various measurements led by spectral measurements pertaining to lighting luminaires and followed by the measurements of the CCT (Correlated Color Temperature), CRI (Color Rendering Index), wavelength, color ratios and chromaticity and the measurement of the lumen values of light sources.

## MORE RELIABLE LIGHT

Systems that convert electrical energy into light are used to illuminate buildings. The technology employed gives rise to several safety criteria to be considered. EAE Aydinlatma performs the relevant safety tests at EAE Aydinlatma Laboratories established in 2007 to develop better and more successful products to achieve higher customer satisfaction. Continuous improvement of product quality, meeting safety requirements are the primary objectives of EAE Aydinlatma laboratories. Safety tests are performed according to EN-60598-1 safety standard at the laboratory.



EAE Aydinlatma Laboratory has been officially recognized; in other words accredited for conformance to safety standard EN 60598 pertaining to lighting luminaires by KEMA (acquired by DEKRA in 2009) whose head office is located in the Netherlands. Currently all tests related to lighting luminaires including SMTs, i.e. Supervised manufacturer's Testing, are conducted by EAE Aydinlatma Laboratory, while the certification is handled by DEKRA. Moreover, the members of the Laboratory team have also been certified by KEMA (DEKRA).



Achieving safer lighting solutions could only be possible by subjecting the luminaires to tests on subjects of varied nature. These tests that are grouped under European norms EN 60598-1 and EN 60598-2. EAE Aydinlatma luminaires are subjected to tests on the basis of more than 20 criteria led by temperature increase, humid environment, uninterrupted grounding, fault current, torque, mounting set safety, physical impact resistance, electrical shock resistance, insulation intervals and corrosion tests.

The safety tests on electronic drives that keep up with the developments in LED technology are performed at EAE Aydinlatma Laboratory within the scope of Driver Safety Standard EN 61347-2-13 under the supervision of DEKRA.

All the tests performed in regards to CE-LVD Low Voltage Directives, constitute a solid foundation for European Certification.



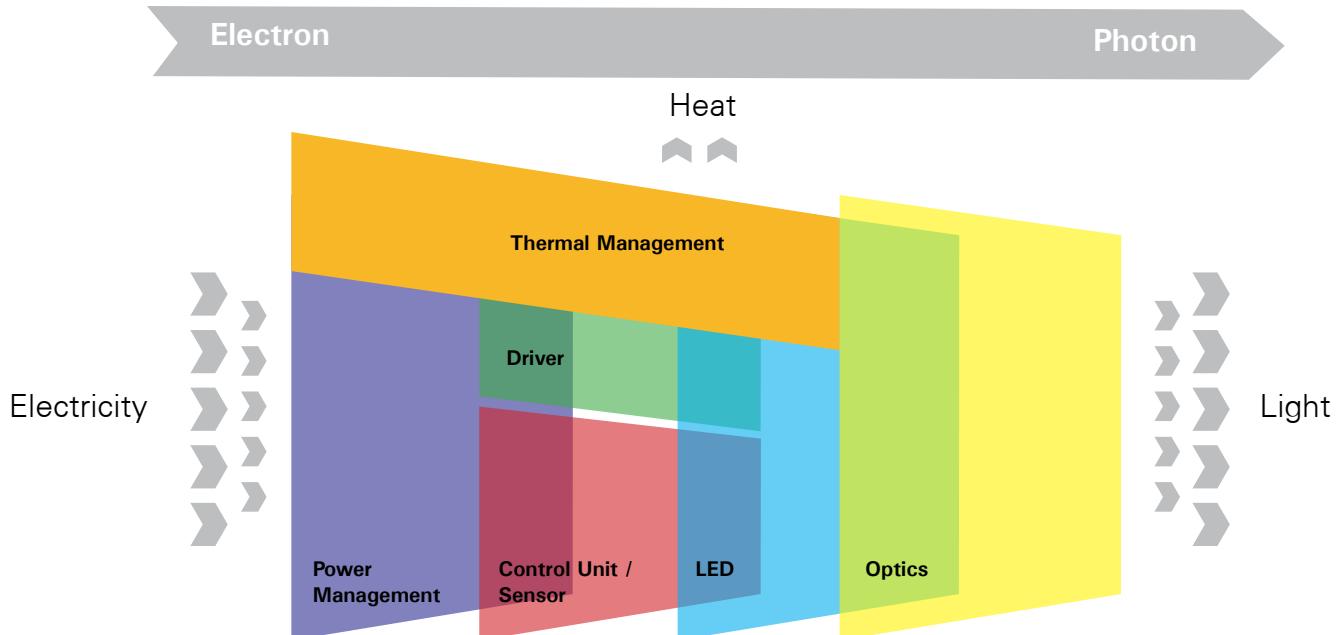
# LED TECHNOLOGY



The development of LED as the light source in many significant technological developments of our day has had very positive effect on energy consumption and carbon emission levels. LED sets new targets for the designers and users and defines new norms and nomenclature.

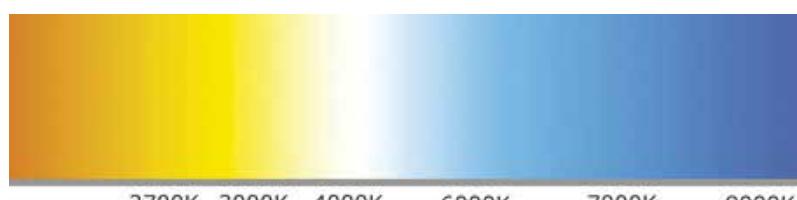


The creation of LED luminaires resulted in a system wide solution that covers many topics ranging from the selection of the LED source to optic and thermal solutions, from electronic controls to automation. Each step in the process is interrelated to others and implemented optimally to create the most effective solution at an optimal cost. Neglecting even a step in this process could produce unfavorable results of varying degrees of severity ranging from a simple loss of efficiency to a defective product.



## COLOR

**CCT – Color Temperature:** White light, in a similar manner to daylight, displays a variation from warm white with high red content to cold white with high blue content. The Color Temperature is defined as (K). Warm white has lower color temperature in comparison to cold white. In typical values warm white could be defined to be 3000 K and lower while cold white is 5000 K and higher with a neutral part in between.



2700K 3000K 4000K 6000K 7000K 8000K

**CRI / Ra / Color Rendering:** Each light source is classified on the basis of how well it shows the colors. This is defined in terms of Ra, and higher Ra values show colors better. In illumination of interior spaces at least Ra 80 would be necessary. Ra values of 90 or higher would generally cause an increase in costs and decrease in efficiency.

**Binning:** LED manufacturing process is not accurate enough to ensure that each LED has the same characteristics. For this reason LED is grouped according to color, light output and electrical properties. These groups are defined as Binning.

## STANDARDS

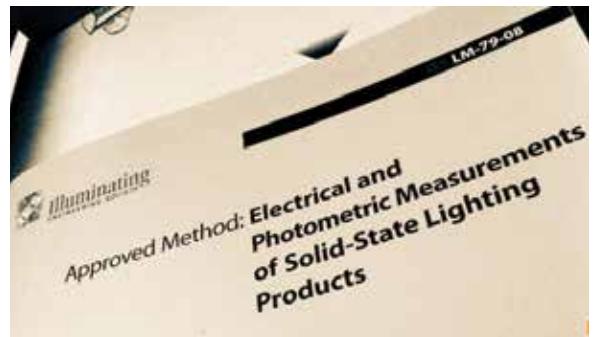
**IEC EN 62471 – Photobiological Safety:** Light is a form of energy and as such it can cause physical harm. All light sources are classified into Risk Groups (RG). RG0 and RG1 risk groups are completely safe. Unless directly stared in for long periods of time, light sources in RG2 risk group are also safe (nevertheless this must be indicated in writing and emphasized by signs). However, none of the light sources used can be from RG3 group.

**LM79:** This is a North American standard that defines how electrical and photometric characteristics of LED can be measured.

**LM80:** This is a North American standard that defines how lumen characteristic of LED can be measured.

**EN 13032:** This is a European standard that defines how electrical and photometric characteristics of LED can be measured. Although there are some similarities with LM79, there are also differences.

**TM21:** This is a North American Technical Memorandum (TM) that plans the long term lumen projection of LED light source. The memorandum defines the units necessary for testing and how the results of these tests can be safely extended, where the long-term values are concerned. Maximum extension could be up to 6 times the test period. For 50,000 hours of converge, 8,333 hours of real tests must be conducted.



## RELIABILITY

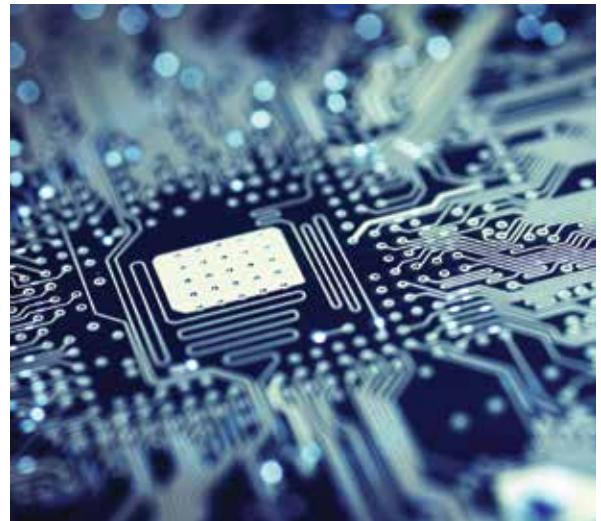
**LED Driver:** LED Luminaire contains an electronic mechanism that transforms the network into the right state for the LED light source. Reliability of LED luminaire also depends on the driver. If the driver malfunctions, the luminaire will also be malfunctioning. Consequently, one must make sure that the driver has the suitable useful life span and is easily replaceable.

**LED Drive Current:** This is the electrical current fed by the driver to enable the LED. The light output of LED driven by excessive current is higher; however its useful life is shorter. The drive current is chosen to optimize the performance and life span of the luminaire.

**Ambient Temperature – Ta:** The tests must be performed at defined ambient temperatures surrounding the product. This is designated as Ta; the ambient temperature. The standard Ta value is defined as 250C. However, it is also possible to perform tests at another declared temperature value.

**Lx – Product Life:** Encompasses the time period from the initial light emission of the LED until an identified percentage value is reached. To give an example: L80 – 80,000 hours: after 80,000 hours the light emission will fall down to 80% of its initial value.

**Junction Temperature – Tj:** The connection between the positive and negative ends of the material inside the LED chip. The light is diffused by means of the electrons being exchanged between these two materials. The temperature at junction value must be checked to make sure the right light output is achieved and the life cycle requirements are met in the area of use.



## EFFICIENCY

**Lumen Output:** This is the light that is produced by the luminaire. This could depend on the lamp or luminaire used. The losses experienced at the luminaire are defined in terms of the optic material loss and thermal loss.

**Input Power:** Input power generally changes according to the LED configuration and the LED Driver variations.

**Efficiency:** The way a light source converts electrical energy into light defines efficiency. Unit Lumen / per watt (LPW – lm / W). A higher LPW value means a more efficient luminaire.

# CATALOG READING GUIDE

Product Name ..... Product Photograph .....

Product Usage Areas ..... DOWNLED V2

Product Background ..... DECORATIVE LIGHTING LED LUMINAIRES

Product's General Specifications ..... DOWNLED V2, with its simple design, clean cut lines and efficient, cost-effective energy savings renders it ideal for all types of projects.

Light Curve of the Product ..... Technical Specifications

Product Options ..... Options

Symbols Belonging to the Product ..... Technical Drawing of the Product and Measurements table

Certificates Belonging to the Product ..... Dimensions (mm)

Technical Specifications
Housing : Aluminum injection housing
Diffuser : Opal Diffuser
Light Source : SMD LED
Power : 8 W (810) / 10 W (810) / 18 W (816) / 20 W (820) / 22 W (820) / 28 W (820)
Lumen : Embedded diffuser: 693.7lm / 985.2lm / 1770.7lm / 2240.4lm Surface diffuser: 693.7lm / 985.2lm / 1770.7lm / 2240.4lm 2865.3lm / 2954.3lm
Input Voltage : 220-240V AC 50/60Hz
Color Temp. : Warm white / Natural white / Cool white
CRI : >80
IP : IP40
Installation : Recessed
Colors : RAL 9005 / RAL 9010

Photometric Curve
Diagram showing a circular light distribution pattern with a central peak of 200 and a side lobe of 300. The graph ranges from 0° to 105° on both axes.

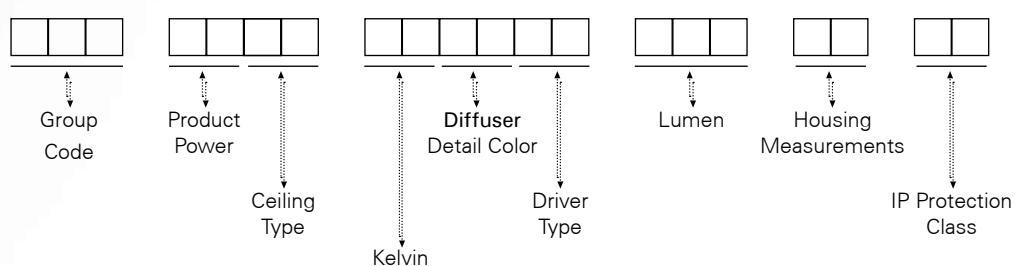
Options
DALI Compatibility : Yes
Emergency Kit : Yes
KAM Option : Yes

Dimensions (mm)
Inset Diffuser (PC)
Type : 7-10 W, 12 W, 16 W, 19-25 W, 30 W
Dimensions (mm) : 7-10 W: 715 x 90 x 45 mm 12 W: 715 x 90 x 53 mm 16 W: 160 x 90 x 53 mm 19-25 W: 225 x 90 x 53 mm 30 W: 225 x 90 x 60 mm
Surface Grid Diffuser (PC)
Type : 7-10 W, 12 W, 16 W, 19-25 W, 30 W
Dimensions (mm) : 7-10 W: 715 x 90 x 45 mm 12 W: 715 x 90 x 53 mm 16 W: 160 x 90 x 53 mm 19-25 W: 225 x 90 x 53 mm 30 W: 225 x 90 x 60 mm
Maintenance of Celling System
Type : 7-10 W, 12 W, 16 W, 19-25 W, 30 W
Dimensions (mm) : 7-10 W: 715 x 90 x 45 mm 12 W: 715 x 90 x 53 mm 16 W: 160 x 90 x 53 mm 19-25 W: 225 x 90 x 53 mm 30 W: 225 x 90 x 60 mm

Product's Reference Photograph



## PRODUCT'S CODE KEY



**Example: DWL 019A 40PC00 1K7 08 20**

Downled	19W	IP20
Recessed	4000K	8 inç
	PC Diffuser	1700 lm
		Standard Driver

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•SROUND V2 ARENA	•LINA LENS	•PROLIT-M SK
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•SROUND V2 INDUSTRY	•GARLED ETANJ HE	•G•PRONA
•REVOLED-S V3	•ONTEC-S	•SPRONA
•REVOLED-S V3 INDUSTRY	•ONTEC-G	
•REVOLED-S V2	•ONTEC-R	
•REVOLED-S V2 INDUSTRY	•ONTEC-D	
•REVOLED-S SC V2	•ONTEC-C	
•REVOLED-S SC V3	•PROLIT V2	
•LINA ETANJ V3	•PROLIT-M TUNNEL	
•LINA ETANJ MINI	•PROLIT-M PR	

## OUTDOOR LIGHTING LUMINAIRES

•PB2 ARENA
•PB2 LOWBAY LOW LOWBAY
•PB2 FOOD
•PB2 DOUBLE
•PB2 STREET
•PB2 KATANER
•PB2 PB
•RA
•ARKTOS V2
•ARKTOS V3
•ROTANO V2
•KANOLED

## RECESSED / SURFACE-MOUNTED / PENDANT LIGHTING LUMINAIRES

•STL DIRECT-INDIRECT	•CUBIC	•FLEXBAR MN COLOR
•STL	•HEXAGEN	•FLEXBAR RGB
•STL MICRO PRISMATIC DIFFUSER	•HEXAGEN LINE	•ENDILED
•STL MINI	•PANLED	•ENDILED II
•STL DOMINO	•BLOOM RECESSED	•PIRAMIT SURFACE MOUNTED
•STL PENDANT DIFFUSER	•BLOOM KM	•PIRAMIT RECESSED
•STL MICRO	•BLOOM SURFACE MOUNTED	•FLED II
•YODA	•BLOOM SLIM	•SASLED
•FRAME	•BLOOM IP65	•SATURN V2
•RINGO	•PUFIN	•MODILED HE
•NETA RECESSED	•DOTY	•MODILED HB
•NETA PENDANT/SURFACE MOUNTED	•FLEXBAR WHITE	•MODILED HB II

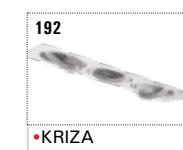
### SPOT LUMINAIRES



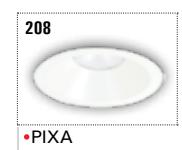
•MODILED  
MARKET



•DOWNLED  
GLORY V2



•KRIZA



•PIXA



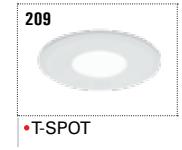
•TASKLED



•SOFT



•FRIDA-Y



•T-SPOT



•FLORA



•DOWNLED V2  
RECESSED



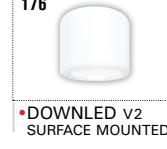
•MATRIS-Y



•S-NAIL



•MOOD



•DOWNLED V2  
SURFACE MOUNTED



•BISTA



•TETRA



•VENO



•GIZA  
RECESSED



•BISTA-K



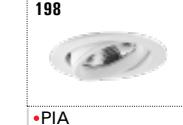
•NOTA



•LUXO V3



•GIZA MINI  
RECESSED



•PIA



•COOLED



•GIZA APLIK



•GIZA MINI  
SURFACE MOUNTED



•ORI



•MIRO



•ALEGRE APLIK



•GIZA MINI  
SURFACE MOUNTED



•ORI MINI



•OXI



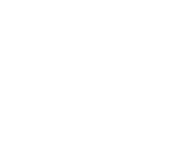
•VENO APLIK



•BRICK



•ORI-K MINI



•OCTO



•APLIKLED



•INUE



•RECTA MINI



•FRIDA-R



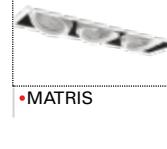
•RECTA



•E-SPOT



•FRIDA-R



•MATRIS



•SERIA

### TRACK LIGHTING LUMINAIRES



•RAYLED



•PICA-V



•PICA-H



•CUBO



•SIMO



•MIRO-S



•MIRO



•OXI



•OCTO



•FRIDA-R



•FRIDA-R

### FACADE LIGHTING



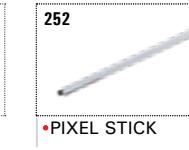
•SPOT



•PAR56 / FLAT



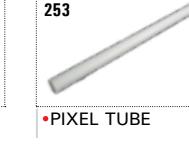
•MINI SPOT



•PIXEL STICK



•CAPELLA



•PIXEL TUBE



•POLLUX



•LINEER DIPLED



•DIPLED



•BANTWASHER



•ELECTRA



•MINIWASHER



•T-BAR



•REGAR CUBE SPOT

### EXPROOF



•VERTA 12K  
VERTA HD



•PROLIT III  
PROLIT COMPACT

### LIGHTING AUTOMATION



•KINEXA

# PRODUCT UTILIZATION SUGGESTIONS



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ATA VERTA

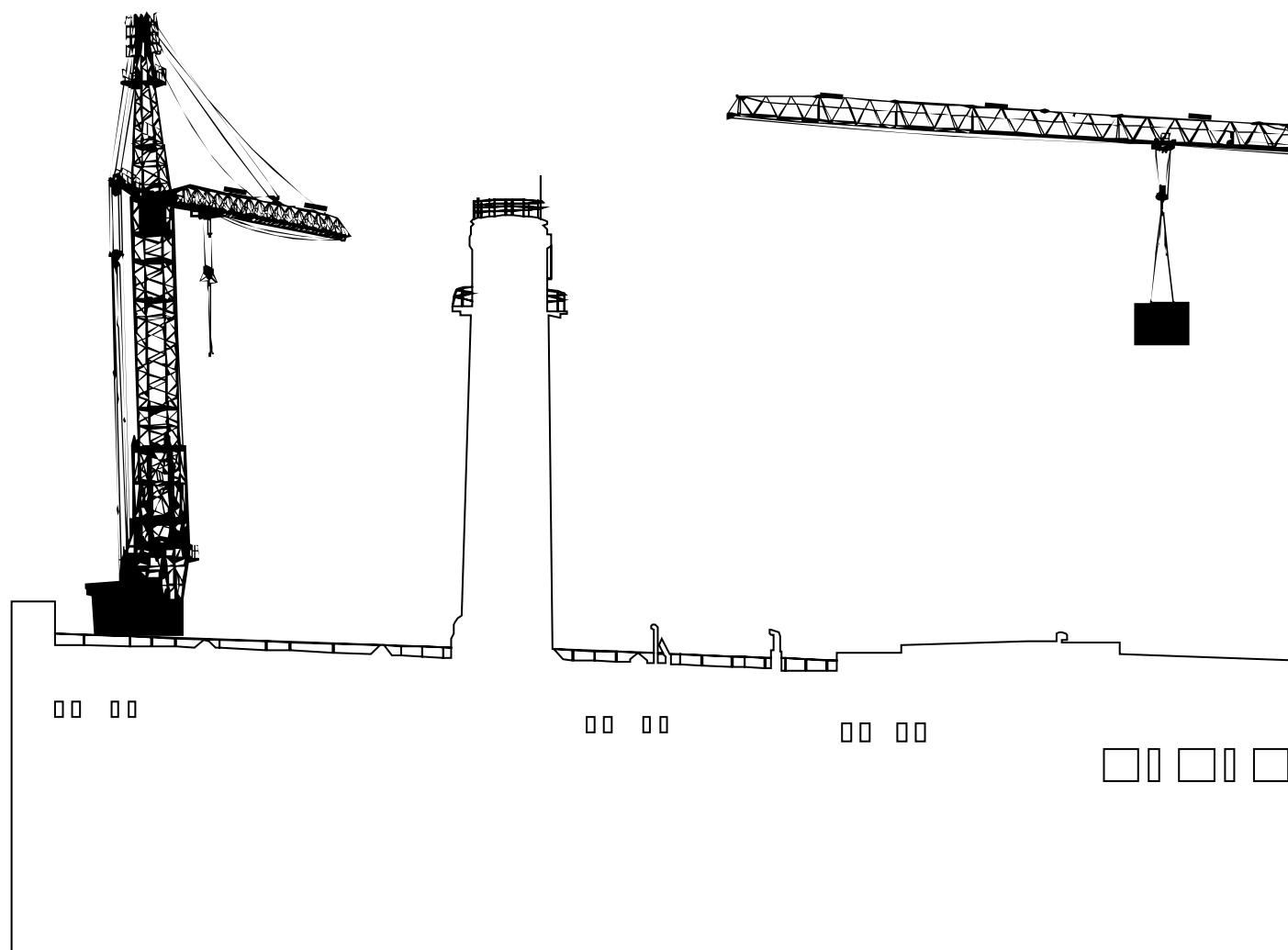
I n d u s t r i a l   L i g h t i n g  
L u m i n a i r e   S e r i e s



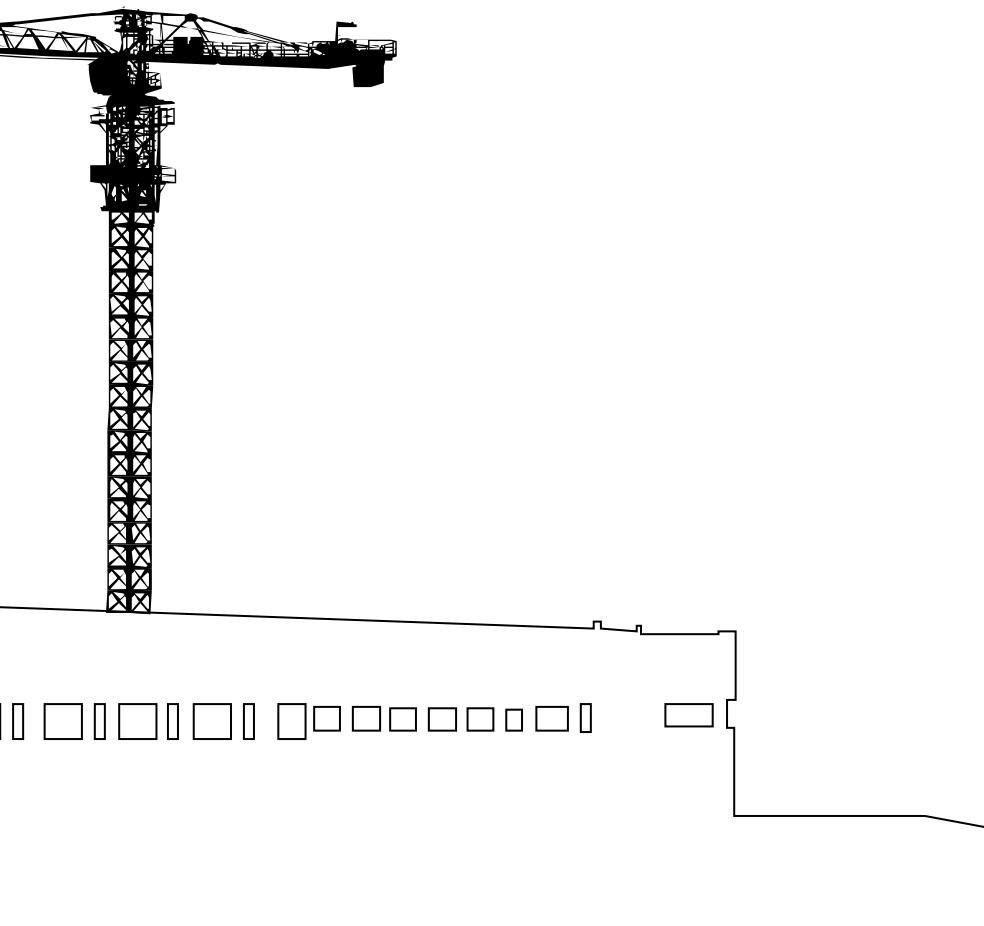
## *Industrial Lighting*

### *Luminaire Series*

- SROUND V2 ARENA
- SROUND V2 LOWBAY LOW LOWBAY
- SROUND V2 ASYMMETRIC
- SROUND V2 INDUSTRY
- REVOLED-S V3
- REVOLED-S V3 INDUSTRY
- REVOLED-S V2
- REVOLED-S V2 INDUSTRY
- REVOLED-S SC V2
- REVOLED-S SC V3
- LINA ETANJ V3
- LINA ETANJ MINI
- LINA LENS
- LINA ETANJ E
- GARLED ETANJ ECO
- GARLED ETANJ HE
- ONTEC-S
- ONTEC-G
- ONTEC-R
- ONTEC-D
- ONTEC-C
- PROLIT V2
- PROLIT-M TUNNEL
- PROLIT-M PR
- PROLIT-M SK
- PROLIT COMPACT V2
- MEGALIT II
- G•PRONA
- SPRONA



•SROUND V2 ARENA	•SROUND V2 LOW LOW LOWBAY	•SROUND V2 ASYMMETRIC	•SROUND V2 INDUSTRY	•REVOLED-S V3	•REVOLED-S V3 INDUSTRY	•REVOLED-S V2	•REVOLED-S V2 INDUSTRY
							
30. SAYFA	32. SAYFA	33. SAYFA	34. SAYFA	35. SAYFA	36. SAYFA	38. SAYFA	40. SAYFA
•REVOLED-S SC V2	•REVOLED-S SC V3	•LINA ETANJ V3	•LINA ETANJ MINI	•LINA LENS	•LINA ETANJ E	•GARLED ETANJ ECO	•GARLED ETANJ HE
							
42. SAYFA	44. SAYFA	46. SAYFA	48. SAYFA	49. SAYFA	50. SAYFA	52. SAYFA	53. SAYFA
•ONTEC-S	•ONTEC-G	•ONTEC-R	•ONTEC-D	•ONTEC-C	•PROLIT V2	•PROLIT-M TUNNEL	•PROLIT-M PR
							
54. SAYFA	56. SAYFA	57. SAYFA	58. SAYFA	59. SAYFA	60. SAYFA	62. SAYFA	63. SAYFA
•PROLIT-M SK	•PROLIT COMPACT V2	•MEGALIT II	•G-PRONA	•SPRONA			
							
64. SAYFA	65. SAYFA	66. SAYFA	68. SAYFA	70. SAYFA			



# SROUND v2

## ARENA (60°)

HIGH-BAY LUMINAIRE



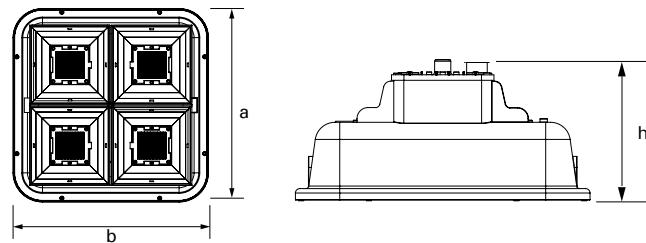
*SROUND, put into use more quickly by being mounted from a single point, meets all lighting requirements of industrial facilities. It provides high protection against water and dust with its simply-designed housing.*



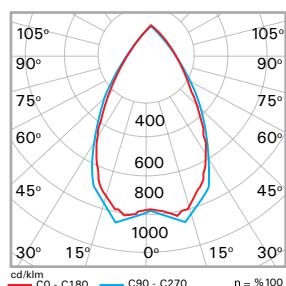
### Technical Specifications

Housing	: Aluminium injection housing
Optical	: Miro silver reflector
Diffuser	: Tempered transparent glass
Light Source	: Mid Power LED
Power	: 56 W / 62 W / 76 W / 79 W / 87 W / 92 W / 100 W 132 W / 163 W / 222W
Lumen	: 9049 lm / 9195 lm / 11677 lm / 11121 lm / 13292 lm 12605 lm / 15163 lm / 19231 lm / 25448 lm / 31636 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: 4000K / 5700K / 6500K
CRI	: >80
IP	: IP65
Installation	: Surface mounted / Pendant
Colors	: SW 306G

### Technical Drawing



### Photometric Curve



### Dimensions (mm)

a	b	h
400	400	190

### Options

Emergency Kit	: Yes (1-3 hours)
DALI Compatibility	: Yes
Angle Options	: 90°, 110°





# SROUND v2

## LOWBAY (90°) LOW LOWBAY (110°)

Sanded Glass

HIGH-BAY LUMINAIRE



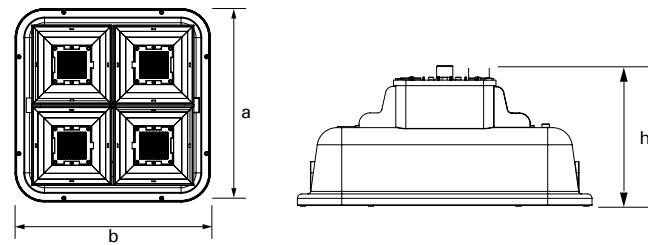
*SROUND, put into use more quickly by being mounted from a single point, meets all lighting requirements of industrial facilities. It provides high protection against water and dust with its simply-designed housing.*



### Technical Specifications

Housing	: Aluminium injection housing
Optical	: Miro silver reflector
Diffuser	: Tempered transparent glass / Tempered sanded glass
Light Source	: Mid Power LED
Power	
Lowbay	: 56 W / 62 W / 76 W / 79 W / 87 W / 92 W 100 W / 132 W / 163 W / 222W
Low Lowbay	: 56 W / 60 W / 75 W / 78 W / 87 W / 91 W
Lumen	
Lowbay	: 9061 lm / 9057 lm / 11590 lm / 11011 lm / 13313 lm / 12446 lm / 15013 lm / 19316 lm / 25253 lm / 31636 lm
Low Lowbay	: 7928 lm / 8118 lm / 10421 lm / 9921 lm / 11868 lm 11213 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: 4000K / 5700K / 6500K
CRI	: >80
IP	: IP65
Installation	: Surface mounted / Pendant
Colors	: SW 306G

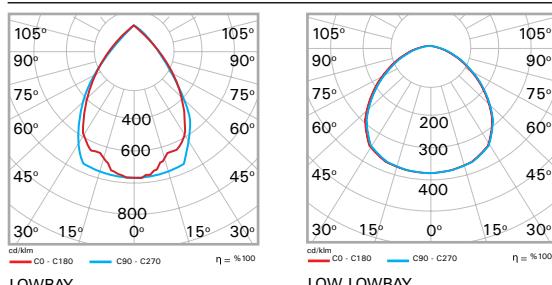
### Technical Drawing



### Dimensions (mm)

a	b	h
400	400	190

### Photometric Curve



### Options

Emergency Kit	: Yes (1-3 hours)
DALI Compatibility	: Yes
Angle Options	: 90°, 110°
Glass Options	: Sanded Glass

# SROUND v2

## ASYMMETRIC

HIGH-BAY LUMINAIRE



“

SROUND, put into use more quickly by being mounted from a single point, meets all lighting requirements of industrial facilities. It provides high protection against water and dust with its simply-designed housing.

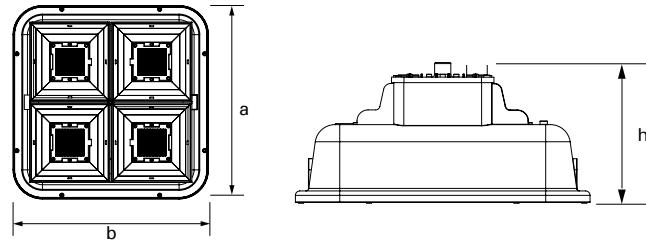
”



### Technical Specifications

Housing	: Aluminium injection housing
Optical	: Miro silver reflector
Diffuser	: Tempered transparent glass
Light Source	: Mid Power LED
Power	: 56 W / 74 W / 87 W / 98 W / 132 W
Lumen	: 8676 lm / 10982 lm / 12978 lm / 14482 lm / 18746 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm White / Natural White / Cool White
CRI	: >80
IP	: IP65
Installation	: Surface mounted / Pendant
Colors	: SW 306G

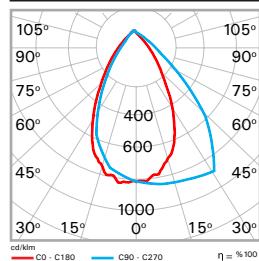
### Technical Drawing



### Dimensions (mm)

a	b	h
400	400	190

### Photometric Curve



### Options

Emergency Kit	: Yes (1-3 hours)
DALI Compatibility	: Yes



# SROUND V2 INDUSTRY

ARENA (60°) - LOWBAY (90°)

-35 °C +75 °C



HIGH-BAY LUMINAIRE



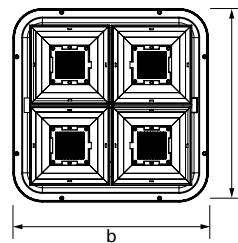
*SROUND, put into use more quickly by being mounted from a single point, meets all lighting requirements of industrial facilities. It provides high protection against water and dust with its simply-designed housing*



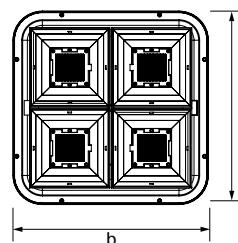
## Technical Specifications

Housing	: Aluminium injection housing	
Optical	: Miro silver reflector	
Diffuser	: Tempered transparent glass	
Light Source	: Mid Power LED / Power LED	
Power	: Arena/Mid Power LED 56 W / 76 W / 88 W Arena/Power LED 68 W / 136 W	: Lowbay/Mid Power LED 56 W / 76 W / 88 W Lowbay/Power LED 68 W / 136 W
Lumen	: Arena/Mid Power LED 8927 lm / 11690 lm / 13461 lm	: Lowbay/Mid Power LED 8820 lm / 11576 lm / 13376 lm
	: Arena/Power LED 9805 lm / 18429 lm	: Lowbay/Power LED 9679 lm / 18217 lm
Input Voltage	: 220-240V AC 50/60Hz	
Color Temp.	: 4000K / 5700K / 6500K	
CRI	: Mid Power LED : >80   Power LED : >70	
IP	: IP65 / IP 66	
Installation	: Surface mounted / Pendant	
Colors	: SW 306G	

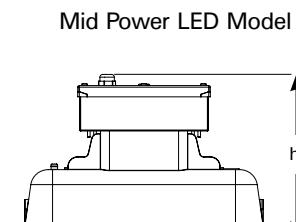
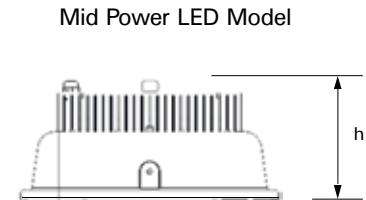
## Technical Drawing



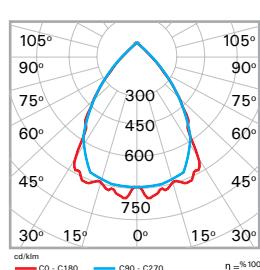
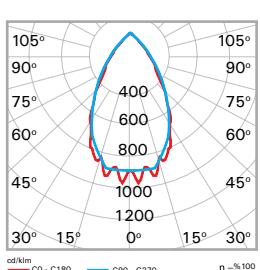
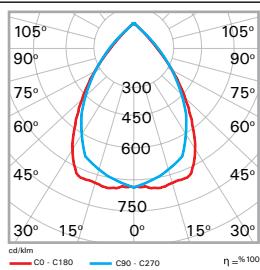
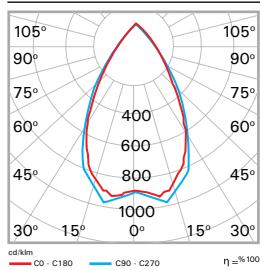
Mid Power LED Model



Mid Power LED Model



## Photometric Curve



## Dimensions (mm)

Mid Power LED Model

a	b	h
400	400	190

Power LED Model

a	b	h
400	400	253

## Options

- IP Compatibility : IP66 (68 W / 136 W)
- DALI Compatibility : Yes
- Angle Options : 60°, 90°



# REVOLED-S v3

## ARENA (60°) - LOWBAY (90°)

INDUSTRY LIGHTING LED LUMINAIRES



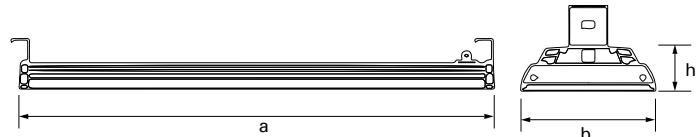
REVOLED-S V3, which blends in with many sectors from high ceiling to low ceiling, from food facilities to automotive sector, provides many advantages such as high energy savings, ease of maintenance, long useful life, job safety, and many other subjects.



### Technical Specifications

Housing	: Aluminium profile housing
Optical	: Miro silver reflector
Diffuser	
Arena	: Narrow angle, safety tempered glass
Lowbay	: Wide angle, safety tempered glass
Light Source	: Mid Power LED
Power	
Arena	: 38 W / 74 W / 112 W / 137 W
Lowbay	: 38 W / 74 W / 112 W / 137 W
Lumen	
Arena	: 5497 lm / 10944 lm / 15297 lm / 19085 lm
Lowbay	: 5581 lm / 10969 lm / 16297 lm / 20157 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: 3000K / 4000K / 5700K / 6500K
CRI	: >80
IP	: IP65
Installation	: Surface mounted
Colors	: RAL 9006

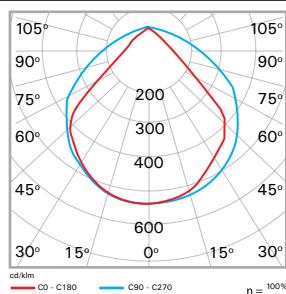
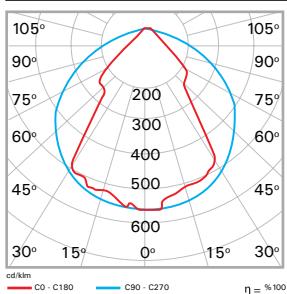
### Technical Drawing



### Dimensions (mm)

ARENA Model				LOWBAY Model			
Type	a	b	h	Type	a	b	h
38 W	416	223	75	38 W	416	223	75
74 W	688	223	75	74 W	688	223	75
112 W	1000	223	75	137 W	1300	223	75

### Photometric Curve



### Options

- Emergency Kit : Yes (1-3 hours)
- DALI Compatibility : Yes



# REVOLED-S V3 INDUSTRY

ARENA (60°) - LOWBAY (90°)



INDUSTRY LIGHTING LED LUMINAIRES

-40 °C + 60 °C



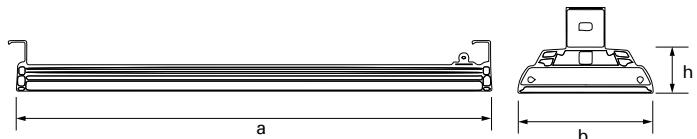
REVOLED-S V3 INDUSTRY, which blends in with many sectors from high ceiling to low ceiling, from food facilities to automotive sector, provides many advantages such as high energy savings, ease of maintenance, long useful life, job safety, and many other subjects.



## Technical Specifications

Housing	: Aluminium profile housing
Optical	: Miro silver reflector
Diffuser	
Arena	: Narrow angle, safety tempered glass
Lowbay	: Wide angle, safety tempered glass
Light Source	: Mid Power LED
Power	
Arena	: 38 W / 74 W / 112 W / 137 W
Lowbay	: 38 W / 74 W / 112 W / 137 W
Lumen	
Arena	: 5497 lm / 10944 lm / 15297 lm / 19085 lm
Lowbay	: 5581 lm / 10969 lm / 16297 lm / 19460 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: 3000K / 4000K / 5700K / 6500K
CRI	: >80
IP	: IP65
Installation	: Surface mounted
Colors	: RAL 9006

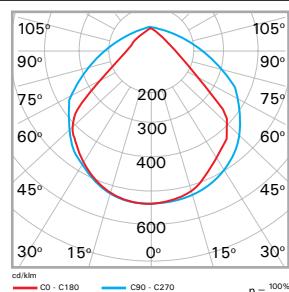
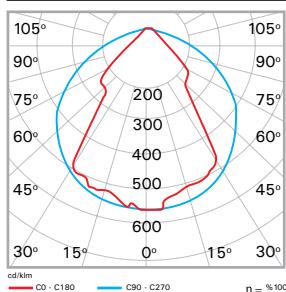
## Technical Drawing



## Dimensions (mm)

ARENA Model				LOWBAY Model			
Type	a	b	h	Type	a	b	h
38 W	416	223	75	38 W	416	223	75
74 W	688	223	75	74 W	688	223	75
112 W	1000	223	75	137 W	1300	223	75

## Photometric Curve



## Options

Emergency Kit	: Yes (1-3 hours)
DALI Compatibility	: Yes





# REVOLED-S V2

## ARENA (60°) - LOWBAY (90°) - RAF

INDUSTRY LIGHTING LED LUMINAIRES



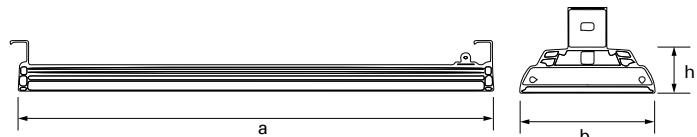
REVOLED-S V2, which blends in with many sectors from high ceiling to low ceiling, from food facilities to automotive sector, provides many advantages such as high energy savings, ease of maintenance, long useful life, job safety, and many other subjects.



### Technical Specifications

Housing	: Aluminium profile housing
Optical	: Miro silver reflector
Diffuser	
Arena	: Narrow angle, safety tempered glass
Lowbay	: Wide angle, safety tempered glass
Raf	: Extra narrow angle, safety tempered glass
Light Source	: SMD LED
Power	
Arena	: 40 W / 71 W / 112 W / 139 W
Lowbay	: 40 W / 68 W / 110 W / 140 W
Raf	: 47 W / 57 W / 74 W / 87 W / 128 W
Lumen	
Arena	: 5194 lm / 9668 lm / 14974 lm / 18984 lm
Lowbay	: 5378 lm / 9450 lm / 15332 lm / 19439 lm
Raf	: 6072 lm / 7212 lm / 9131 lm / 11053 lm / 15669 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: 3000K / 4000K / 5700K / 6500K
CRI	: >80
IP	: IP65
Installation	: Surface mounted
Colors	: RAL 9006

### Technical Drawing



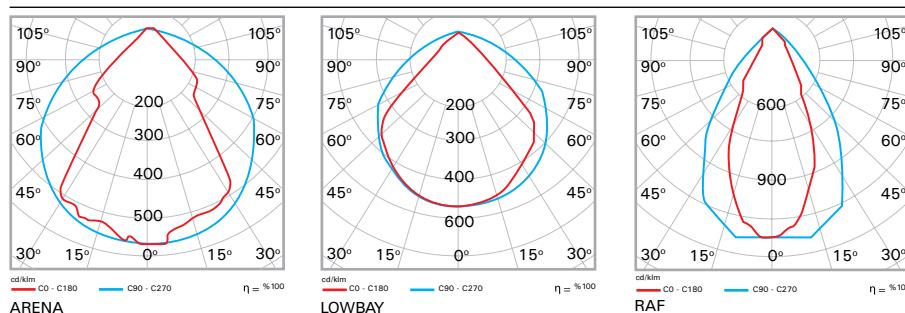
### Dimensions (mm)

ARENA Model				RAF Model			
Type	a	b	h	Type	a	b	h
40 W	585	223	75	46 W	775	220	74
71 W	688	223	75	57 W	775	220	74
112 W	1000	223	75	74 W	957	220	74
139 W	1310	223	75	85 W	1139	220	74
				99 W	1140	220	74
				130 W	1412	220	74

LOWBAY Model			
Type	a	b	h
40 W	585	223	75
68 W	688	223	75
110 W	1000	223	75
140 W	1310	223	75

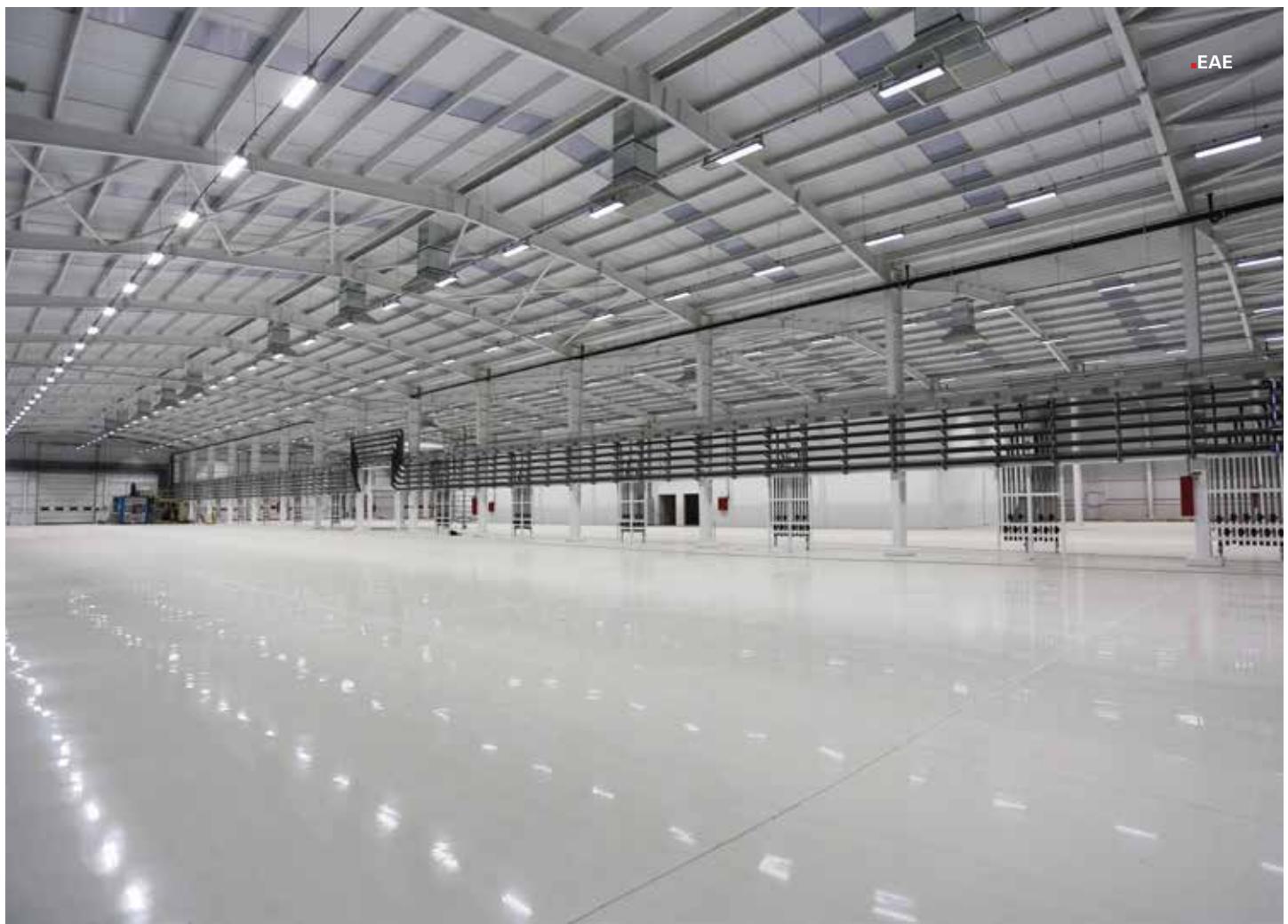
### Photometric Curve



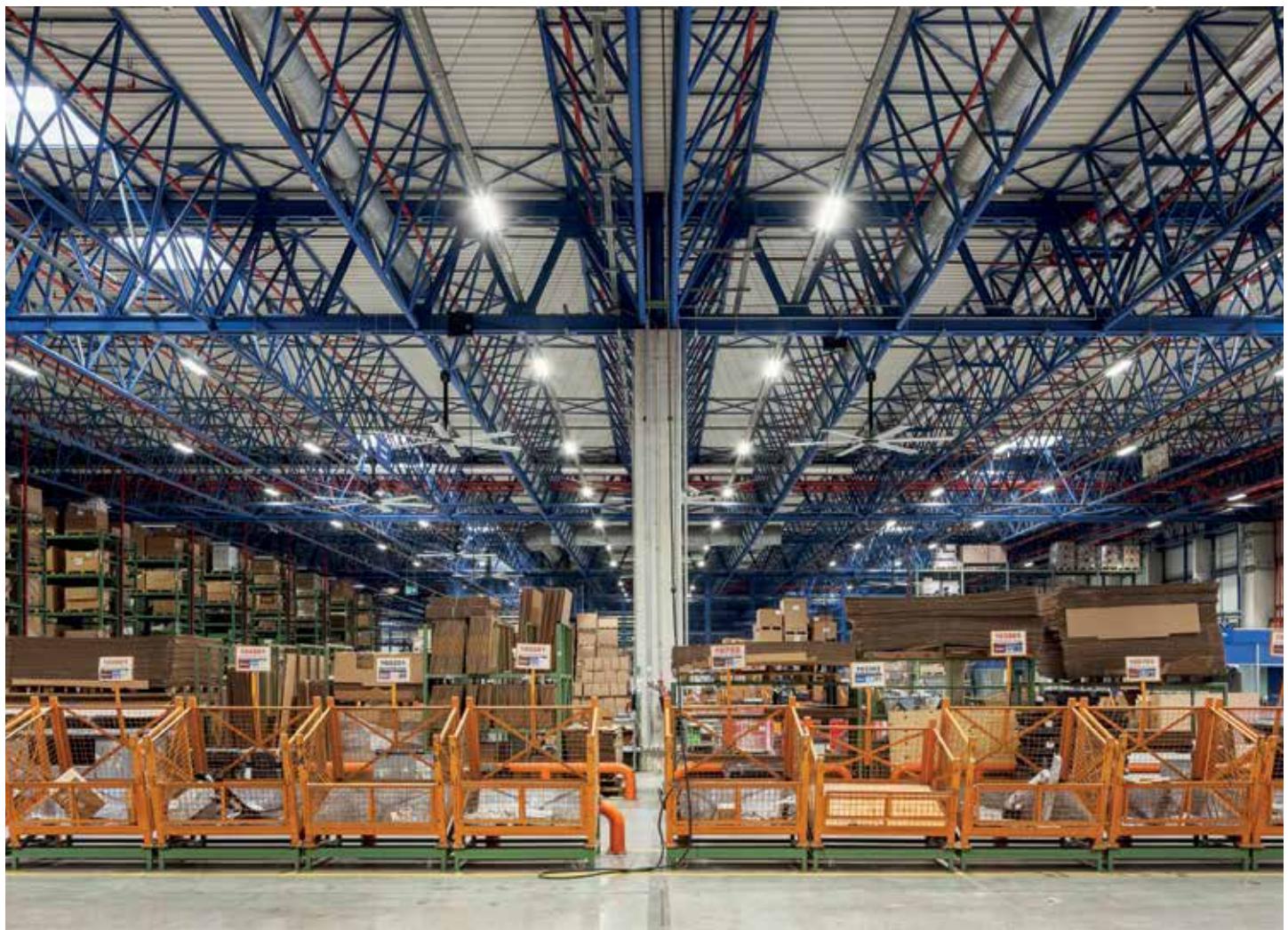
### Options

Emergency Kit	: Yes (1-3 hours)
DALI Compatibility	: Yes





EAE



# REVOLED-S V2 INDUSTRY

ARENA (60°) - LOWBAY (90°) - RAF

INDUSTRY LIGHTING LED LUMINAIRES

-40 °C + 60 °C



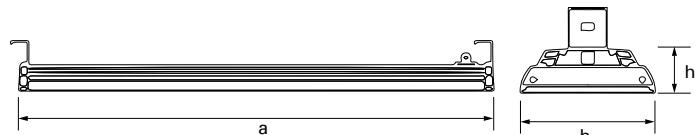
REVOLED-S V2 INDUSTRY, iron and steel and glass industry, in hot areas and in cold storage is preferred. Driver output 4 kV It is more resistant against the league.



## Technical Specifications

Housing	: Aluminium profile housing
Optical	: Miro silver reflector
Diffuser	
Arena	: Narrow angle, safety tempered glass
Lowbay	: Wide angle, safety tempered glass
Raf	: Extra narrow angle, safety tempered glass
Light Source	: SMD LED
Power	
Arena	: 40 W / 71 W / 112 W / 139 W
Lowbay	: 40 W / 68 W / 110 W / 140 W
Raf	: 47 W / 57 W / 74 W / 87 W / 128 W
Lumen	
Arena	: 5194 lm / 9668 lm / 14974 lm / 18984 lm
Lowbay	: 5378 lm / 9450 lm / 15332 lm / 19439 lm
Raf	: 6072 lm / 7212 lm / 9131 lm / 11053 lm / 15669 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: 3000K / 4000K / 5700K / 6500K
CRI	: >80
IP	: IP65
Installation	: Surface mounted
Colors	: RAL 9006

## Technical Drawing



## Dimensions (mm)

### ARENA Model

Tip	a	b	h
40 W	585	223	75
71 W	688	223	75
112 W	1000	223	75
139 W	1310	223	75

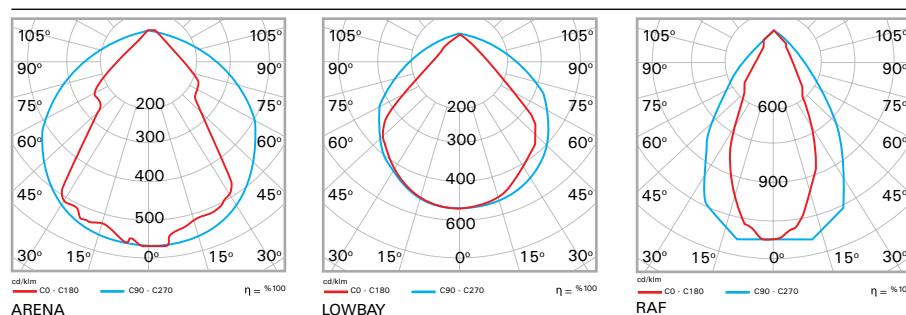
### RAF Model

Tip	a	b	h
46 W	775	220	74
57 W	775	220	74
74 W	957	220	74
85 W	1139	220	74
99 W	1140	220	74
130 W	1412	220	74

### LOWBAY Model

Tip	a	b	h
40 W	585	223	75
68 W	688	223	75
110 W	1000	223	75
140 W	1310	223	75

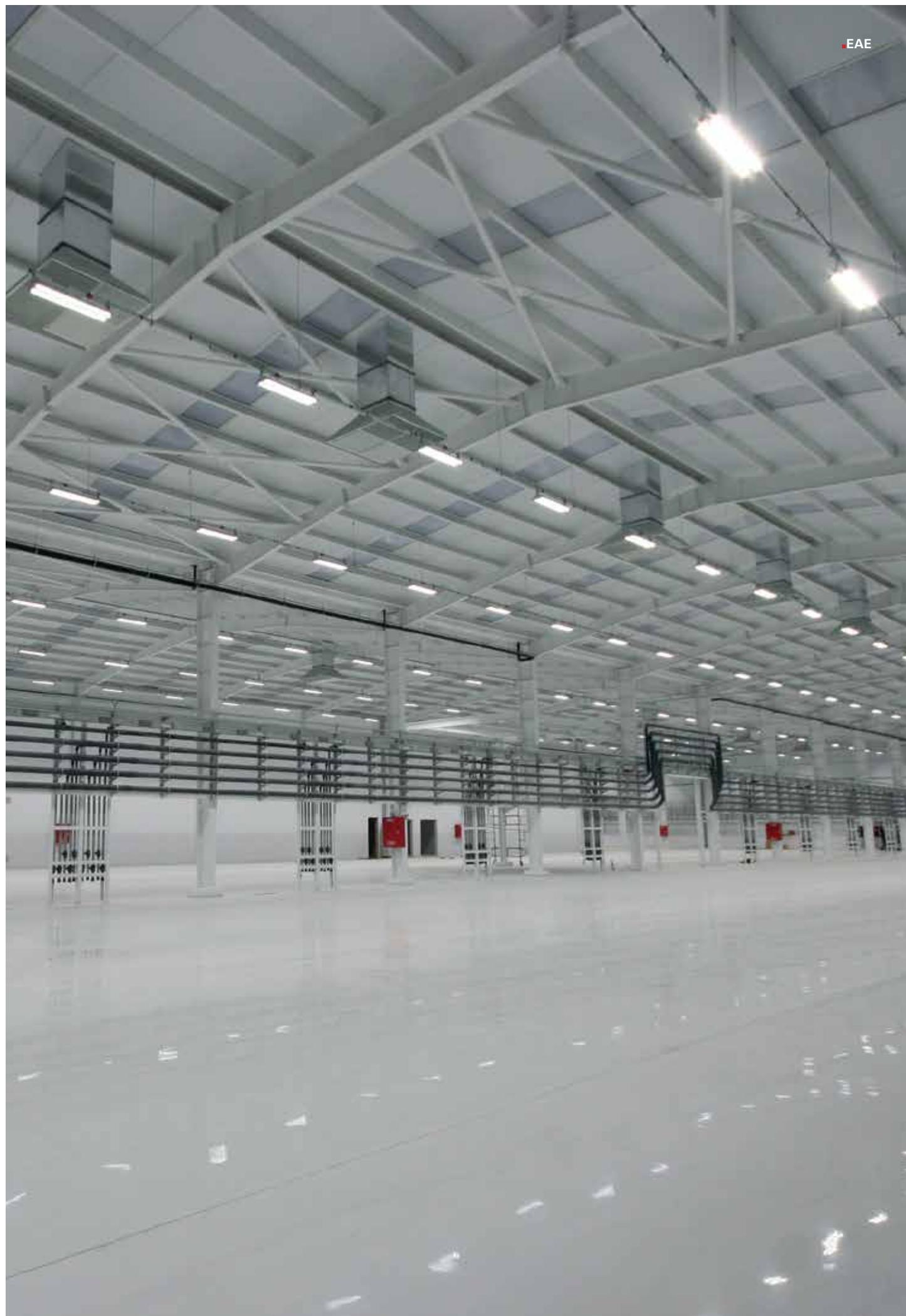
## Photometric Curve



## Options

- Emergency Kit : Yes (1-3 hours)  
DALI Compatibility : Yes





# REVOLED-S SC V2

INDUSTRY LIGHTING LED LUMINAIRES



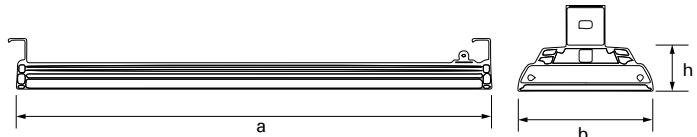
REVOLED-S SC V2 has been designed to meet all criteria of industry from food to automotive sectors. Offering high energy saving, long life time and high work safety.



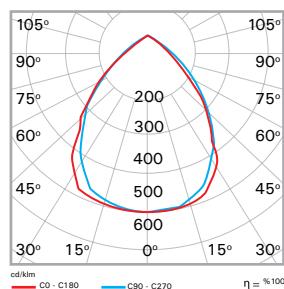
## Technical Specifications

Housing	: Aluminium profile housing
Optical	: High reflectance PC reflector
Diffuser	: Tempered glass with safety film
Light Source	: SMD LED
Power	: 36 W / 68 W / 105 W / 134 W
Lumen	: 4841 lm / 9340 lm / 14319 lm / 18284 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: 3000K / 4000K / 5700K / 6500K
CRI	: >80
IP	: IP65
Installation	: Surface mounted
Colors	: RAL 9006

## Technical Drawing



## Photometric Curve



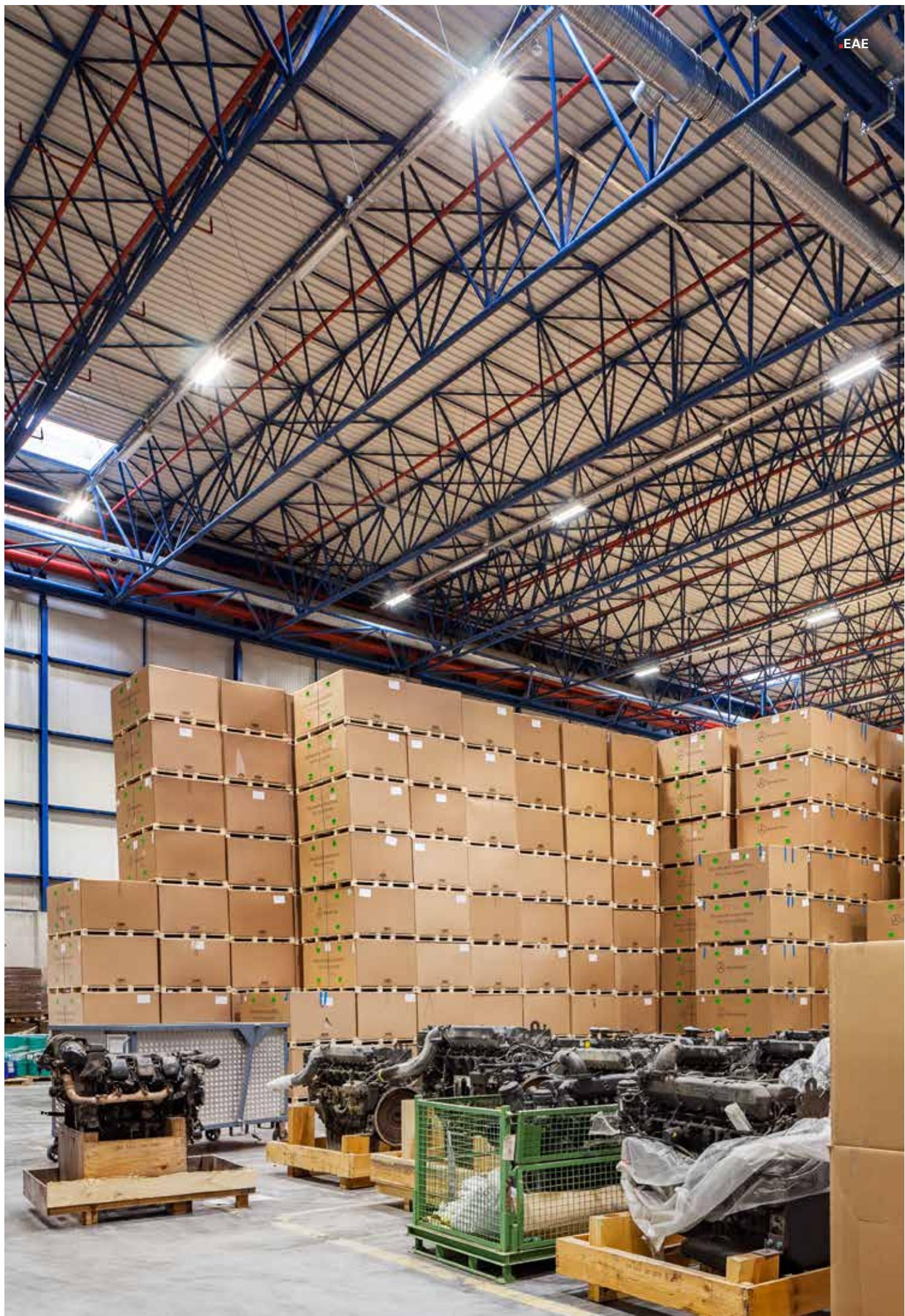
## Dimensions (mm)

Type	a	b	h
38 W	585	220	74
70 W	688	220	74
106 W	1000	220	74
142 W	1310	220	74

## Options

Emergency Kit	: Yes (1-3 hours)
DALI Compatibility	: Yes





# REVOLED-S SC V3

INDUSTRY LIGHTING LED LUMINAIRES



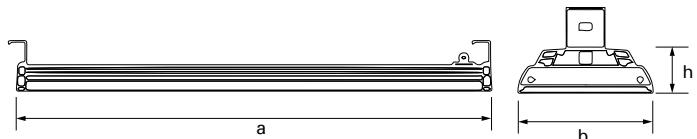
REVOLED-S SC V3 has been designed to meet all criteria of industry from food to automotive sectors. Offering high energy saving, long life time and high work safety.



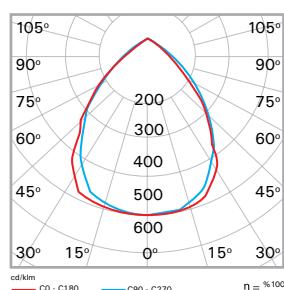
## Technical Specifications

Housing	: Aluminium profile housing
Optical	: High reflectance PC reflector
Diffuser	: Tempered glass with safety film
Light Source	: SMD LED
Power	: 38 W / 70 W / 106 W / 142 W
Lumen	: 5483 lm / 10345 lm / 15732 lm / 21060 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: 3000K / 4000K / 5700K / 6500K
CRI	: >80
IP	: IP65
Installation	: Surface mounted
Colors	: RAL 9006

## Technical Drawing



## Photometric Curve



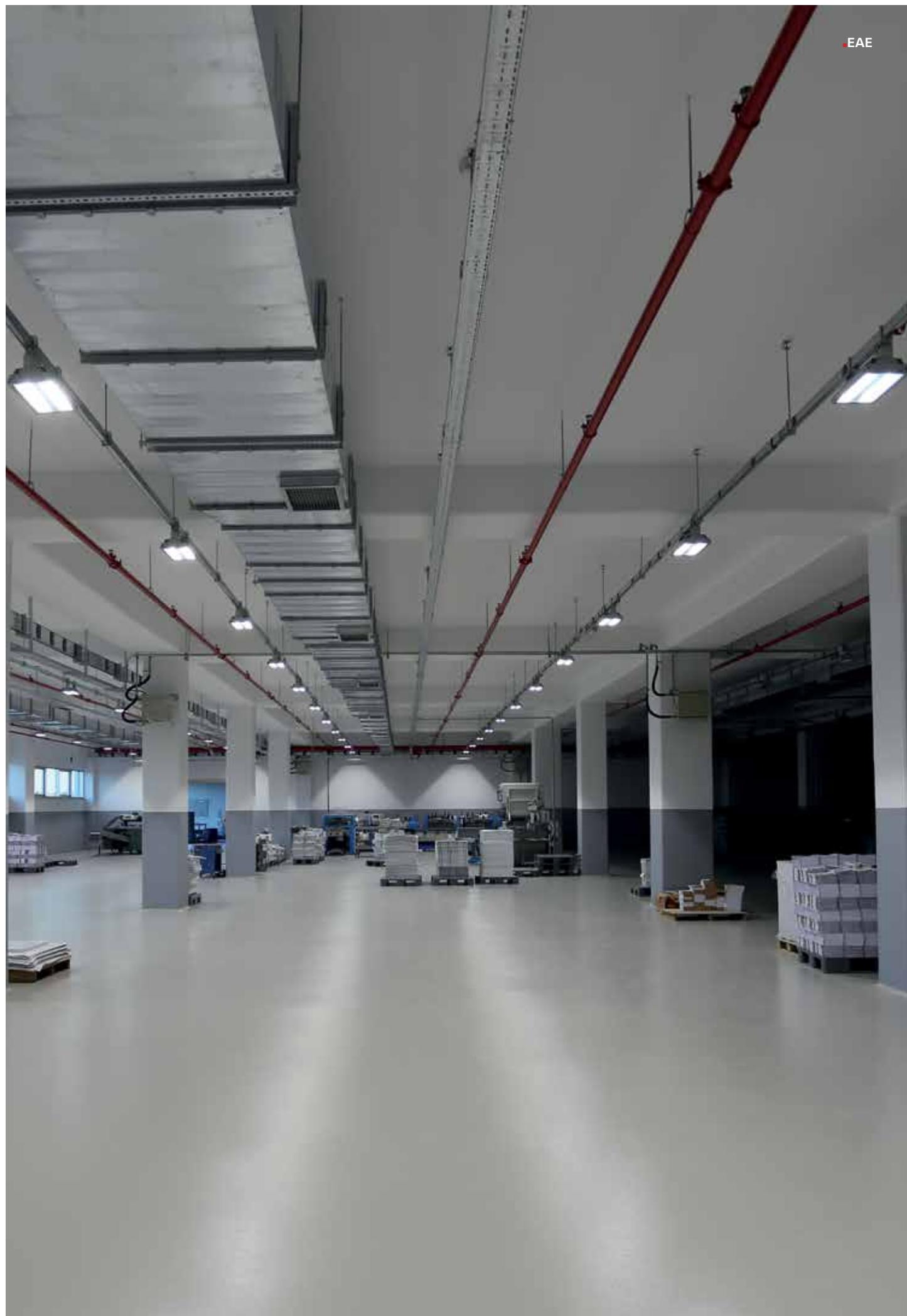
## Dimensions (mm)

Type	a	b	h
38 W	585	220	74
70 W	688	220	74
106 W	1000	220	74
142 W	1310	220	74

## Options

- Emergency Kit : Yes (1-3 hours)  
DALI Compatibility : Yes





# LINA ETANJ

## V3 / PG CABLE GLAND

INDUSTRY LIGHTING LED LUMINAIRES



**LINA ETANJ V3 and PG CABLE GLAND**, with its high IP protected body, is a secure lighting solution for car parks, warehouses, humid and wet areas. Compared to conventional lighting systems, it offers long life and maximum energy saving. It enables easy montage without tools and maintenance where transportation and maintenance are difficult.

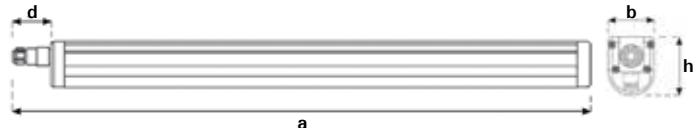


### Technical Specifications

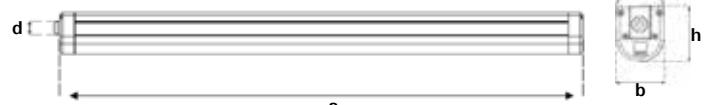
Housing	: Aluminium extrusion housing
Diffuser	: Glare regulating opal diffuser
Light Source	: SMD LED
Power	: 9.9 W / 18.9 W / 22.3 W / 22.6 W / 31.2 W 30.9 W / 37.4 W / 37.2 W / 56.1 W / 72.5 W
Lumen	: 951 lm / 2191 lm / 2860 lm / 2911 lm / 3956 lm 3954 lm / 4824 lm / 4828 lm / 7276 lm / 9074 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white / Cool white
CRI	: >80
IP	: IP64
Installation	: Surface mounted
Colors	: Anodized aluminium

### Technical Drawing

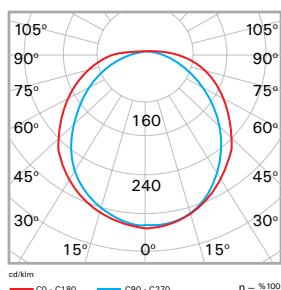
Etanj V3



PG Cable Gland



### Photometric Curve



### Dimensions (mm)

Etanj V3

Type	a	b	h	d
9.9 W	373	65	83	70
18.9 W	600	65	83	70
22.3 W / 31.2 W / 37.4 W	920	65	83	70
22.6 W / 30.9 W / 37.2 W	1320	65	83	70
56.1 W / 72.5 W	1560	65	83	70

PG Cable Gland

Type	a	b	h	d
9.9 W	318	65	83	15
18.9 W	545	65	83	15
22.3 W / 31.2 W / 37.4 W	865	65	83	15
22.6 W / 30.9 W / 37.2 W	1265	65	83	15
56.1 W / 72.5 W	1505	65	83	15

### Options

Emergency Kit	: Yes (1-3 hours)
DALI Compatibility	: Yes
Sensor Compatibility	: Yes





# LINA ETANJ MINI



INDUSTRY LIGHTING LED LUMINAIRES



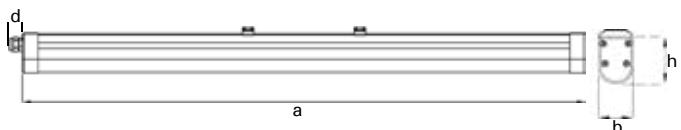
LINA ETANJ MINI, with its high IP protected body minimized to minimal sizes, is ideal for car parks, warehouses, humid areas, machine parks and production lines where a balanced coexistence of performance and economy is needed. Thanks to its advanced design, it enables easy montage without tools and maintenance.



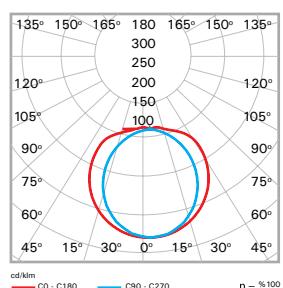
## Technical Specifications

Housing	: Aluminium extrusion housing
Diffuser	: Glare controlled opal diffuser
Light Source	: SMD LED
Power	: 9.5 W / 20.9 W / 20.2 W / 29.7 W / 28.1 W / 39.5 W
Lumen	: 976 lm / 2230 lm / 2321 lm / 2960 lm / 3111 lm 4153 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white / Cool white
CRI	: >80
IP	: IP64
Installation	: Surface mounted
Colors	: Anodized aluminium

## Technical Drawing



## Photometric Curve



## Dimensions (mm)

Type	a	b	h	d
9.5 W	543	47	70	15
20.9 W / 29.7 W	1023	47	70	15
20.2 W	1263	47	70	15
28.1 W / 39.5 W	1503	47	70	15

## Options

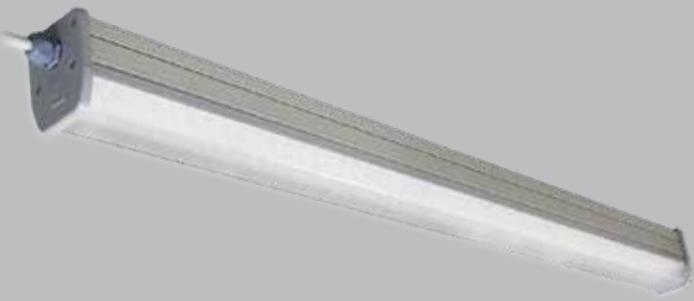
Emergency Kit	: Yes (1-3 hours)
DALI Compatibility	: Yes
Sensor Compatibility	: Yes



# LINA LENS

## ARENA (60°) - LOWBAY (90°)

INDUSTRY LIGHTING LED LUMINAIRE



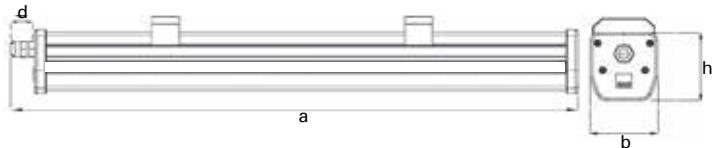
**LINA LENS**, with its strong body, was designed for a wide range of applications on car parks (typically low shelves) or warehouses (high ceilings) and contains optimum solutions for energy saving. Thanks to its smart termination caps, its luminaire montage providing different electric connections with installation cables and connection ports is easy.



### Technical Specifications

Housing	: Aluminium extrusion housing
Optical	: 60° / 90° lens
Diffuser	: Glare controlled opal diffuser
Light Source	: SMD LED
Power	
Arena	: 29 W / 38 W / 58 W
Lowbay	: 20 W / 29 W / 38 W / 48 W / 58 W
Lumen	
Arena	: 3854 lm / 4920 lm / 7435 lm
Lowbay	: 2364 lm / 3753 lm / 4726 lm / 5909 lm / 7356 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white / Cool white
CRI	: >80
IP	: IP64
Installation	: Surface mounted
Colors	: Anodized aluminium

### Technical Drawing



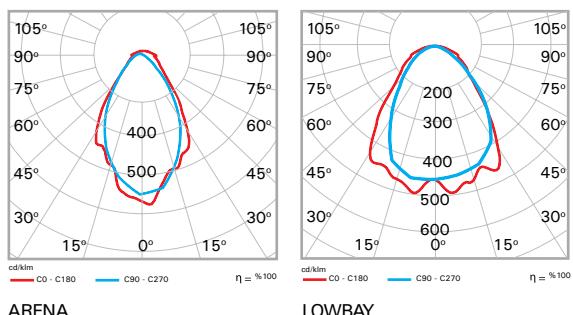
### Dimensions (mm)

Arena				
Tip	a	b	h	d
29 W	910	86	92	30
38 W	1197	86	92	30
58 W	1484	86	92	30

Lowbay				
Tip	a	b	h	d
20 W	623	86	92	30
29 W	910	86	92	30
38 W	1197	86	92	30
48 W	1484	86	92	30
58 W	1484	86	92	30

### Photometric Curve



### Options

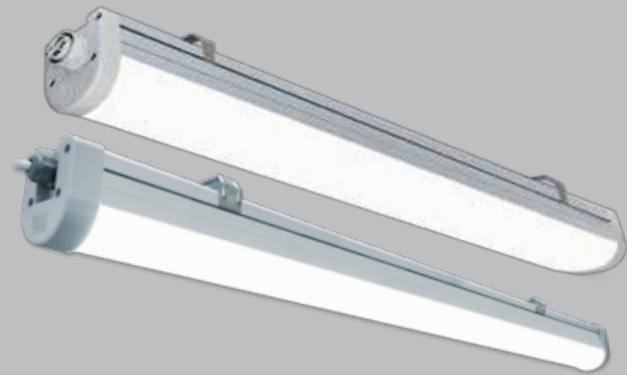
Emergency Kit	: Yes (1-3 hours)
DALI Compatibility	: Yes



# LINA ETANJ

## E / PG CABLE GLAND

INDUSTRY LIGHTING LED LUMINAIRES



**LINA ETANJ E and PG Cable Gland**, with its high IP protected body, is a secure lighting solution for car parks, warehouses, humid and wet areas. Compared to conventional lighting systems, it offers long life and maximum energy saving. It enables easy montage without tools and maintenance where transportation and maintenance are difficult.

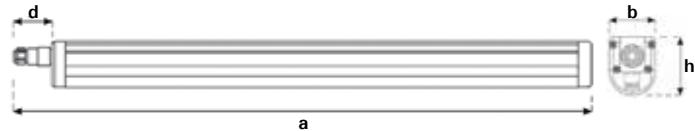


### Technical Specifications

Housing	: Aluminium extrusion housing
Diffuser	: Glare regulating opal diffuser
Light Source	: SMD LED
Power	: 18.8 W / 22.6 W / 22.8 W / 28.5 W / 28.7 W 29.1 W / 40.7 W / 37.3 W / 42.1 W / 75.5 W
Lumen	: 1915 lm / 2663 lm / 2678 lm / 3415 lm 3425 lm / 3537 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white / Cool white
CRI	: >80
IP	: IP64
Installation	: Surface mounted
Colors	: Anodized aluminium

### Technical Drawing

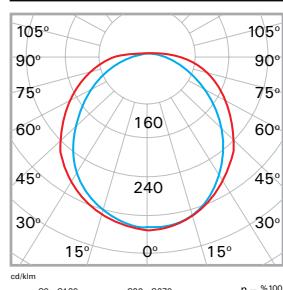
Etanj E



PG Cable Gland



### Photometric Curve



### Dimensions (mm)

Etanj V3

Type	a	b	h	d
18.8 W	600	65	83	70
22.6 W / 28.5 W / 40.7 W	920	65	83	70
22.8 W / 28.7 W / 37.3 W	1320	65	83	70
29.1 W / 42.1 W / 75.5 W	1560	65	83	70

PG Cable Gland

Type	a	b	h	d
18.8 W	545	65	83	15
22.6 W / 28.5 W / 40.7 W	865	65	83	15
22.8 W / 28.7 W / 37.3 W	1265	65	83	15
29.1 W / 42.1 W / 75.5 W	1505	65	83	15

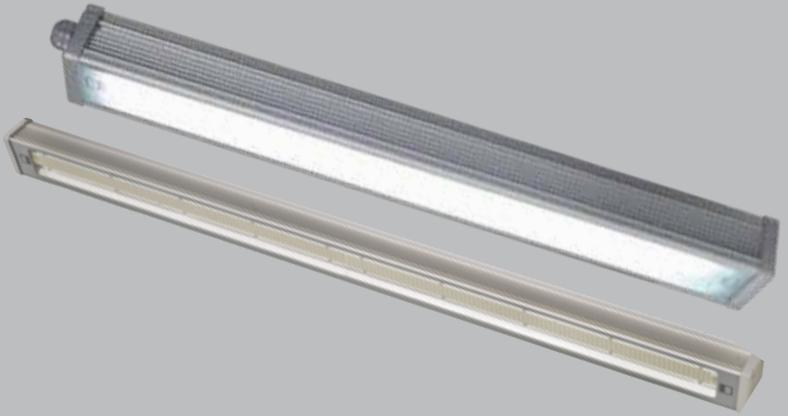
### Options

Emergency Kit	: Yes (1-3 hours)
DALI Compatibility	: Yes
Sensor Compatibility	: Yes



# GARLED ETANJ ECO

INDUSTRY LIGHTING LED LUMINAIRES



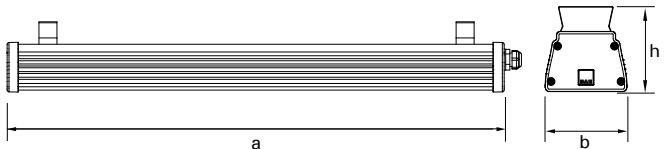
**GARLED**, with its high IP protected body, is ideal for car parks, warehouses, humid and wet areas. Its front surface with ground glass or transparent glass Options, is tempered against break and fracture. It may be cabled with through wiring serial pass.



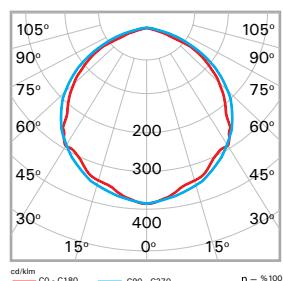
## Technical Specifications

Housing	: Aluminium matt anodized housing
Diffuser	: Clear glass / Sanded glass
Light Source	: SMD LED
Power	: 16 W (30cm) / 31 W (70cm) / 60 W (120cm)
Lumen	
Clear glass	: 1617 lm / 3329 lm / 6400 lm
Sanded glass	: 1468 lm / 2884 lm / 5691 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white / Cool white
CRI	: >80
IP	: IP66
Installation	: Surface mounted
Colors	: Anodized Aluminium

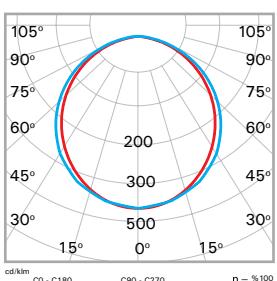
## Technical Drawing



## Photometric Curve



Clear glass



Sanded glass

## Dimensions (mm)

Type	a	b	h
16 W	311	73	61
31 W	695	73	61
60 W	1265	73	61

## Options

Emergency Kit	: Yes (1-3 hours)
DALI Compatibility	: Yes
Tempered glass with safety film	: Yes
KAM Compatibility	: Yes



# GARLED ETANJ HE



## INDUSTRY LIGHTING LED LUMINAIRES

**GARLED**

*with its high IP protected body, is ideal for car parks, warehouses, humid and wet areas. Its front surface with ground glass or transparent glass Options, is tempered against break and fracture. It may be cabled with through wiring serial pass.*

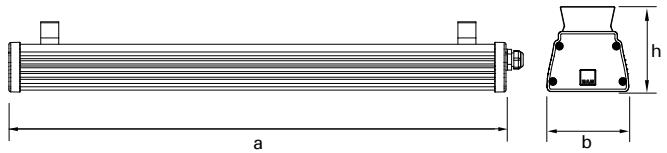
**“**



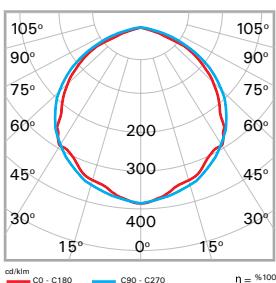
### Technical Specifications

Housing	: Aluminium matt anodized housing
Diffuser	: Clear glass / Sanded glass
Light Source	: SMD LED
Power	
Clear glass	: 15 W / 30 W / 56 W
Sanded glass	: 15 W / 30 W / 56 W
Lumen	
Clear glass	: 1790 lm / 3548 lm / 6941 lm
Sanded glass	: 1622 lm / 3082 lm / 6154 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white / Cool white
CRI	: >80
IP	: IP66
Installation	: Surface mounted
Colors	: Anodized Aluminium

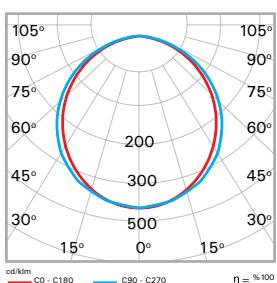
### Technical Drawing



### Photometric Curve



Clear glass



Sanded glass

### Dimensions (mm)

Type	a	b	h
15 W	311	73	61
30 W	695	73	61
56 W	1265	73	61

### Options

Emergency Kit	: Yes (1-3 hours)
DALI Compatibility	: Yes
Tempered glass with safety film	: Yes
KAM Compatibility	: Yes



# ONTEC-S

## EMERGENCY GUIDANCE LED LUMINAIRES



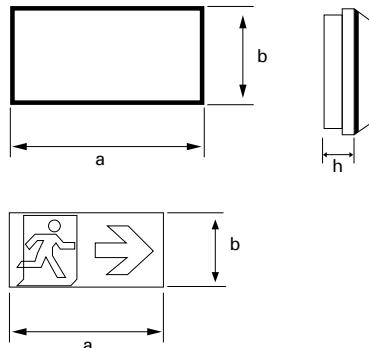
ONTEC-S, provides a multi-function and plain solution to emergency lighting and escape lighting. The flagless version may be used for emergency exit on its own, and the flag version may be used as emergency escape route luminaire. It allows all types of ceiling applications with its installation accessories.



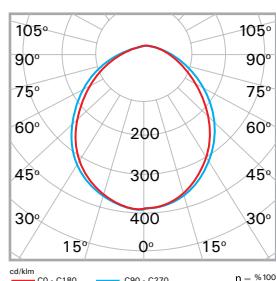
### Technical Specifications

Housing	: PC housing
Light Source	: Mid Power LED
Power	: 3 W / 5 W
Lumen	: (3 W) 270 lm (Traceable DALI) (5 W) 207 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Cool white
CRI	: > 70
IP	: IP65
Installation	: Surface mounted / Recessed / Pendant
Colors	: RAL 9003

### Technical Drawing



### Photometric Curve



### Dimensions (mm)

	a	b	h
Standard	269	40	144
Flag	266	125	-

### Measurements of Ceiling Section

Surface mounted	130mm x 225mm
-----------------	---------------

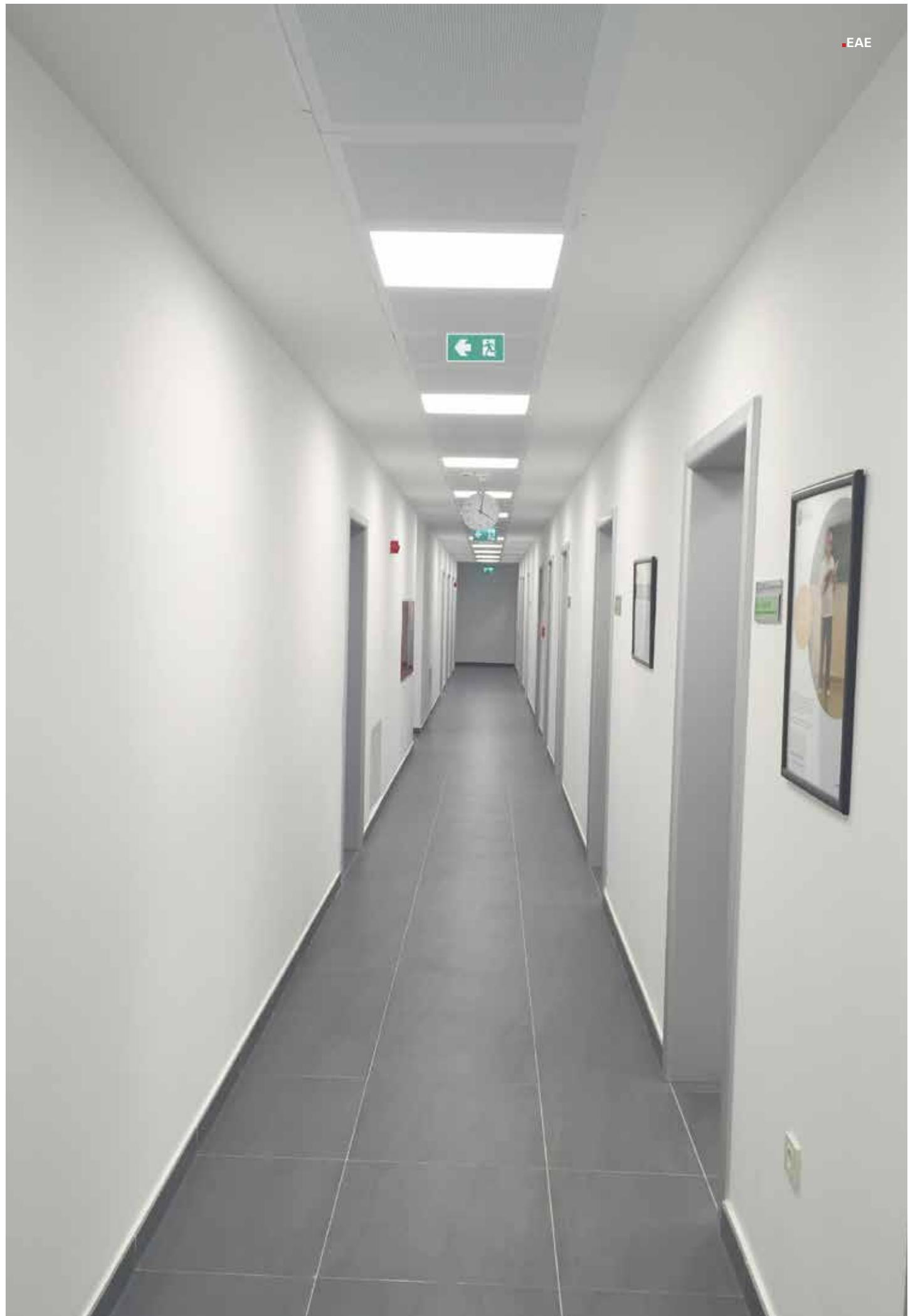
### Options

Emergency Kit	: Yes (1-3 hours)
Mounted Options	: Surface mounted* / Recessed / Pendant / Tray / Busbar**

\*Hanger set is not provided for surface mounted models (wall mounted).

\*\* Plug is not included in the busbar hanger set.





# ONTEC-G



## EMERGENCY GUIDANCE LED LUMINAires



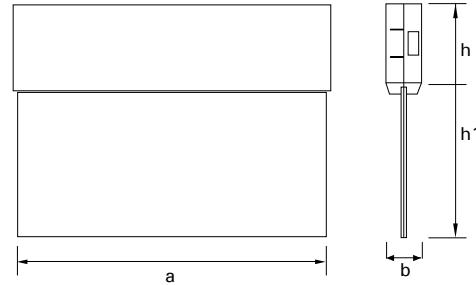
ONTEC-G, provides a multi-function and plain solution to emergency lighting and escape lighting. The flagless version may be used for emergency exit on its own, and the flag version may be used as emergency escape route luminaire. It allows all types of ceiling applications with its installation accessories.



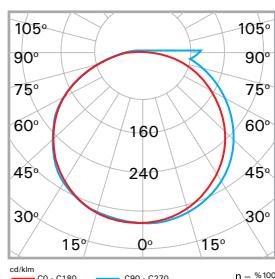
### Technical Specifications

Housing	: PC housing
Light Source	: Mid Power LED
Power	: 2 W
Lumen	: 128 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Cool white
CRI	: > 70
IP	: IP20
Installation	: Surface mounted / Recessed / Pendant
Colors	: RAL 9003

### Technical Drawing



### Photometric Curve



### Dimensions (mm)

a	b	h	h1
215	29	69	131

### Options

Emergency Kit	: Yes (1-3 hours)
Mounted Options	: Surface mounted* / Recessed / Pendant / Tray / Busbar**

\*Hanger set is not provided for surface mounted models (wall mounted).

\*\* Plug is not included in the busbar hanger set.



# ONTEC-R



## EMERGENCY GUIDANCE LED LUMINAires



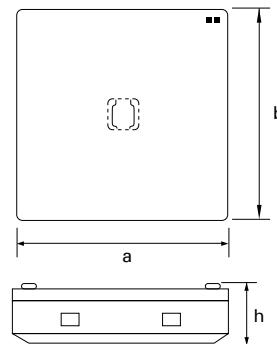
ONTEC-R, provides a multi-function and plain solution to emergency lighting and escape lighting.



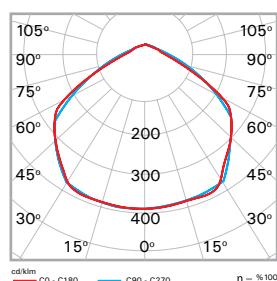
### Technical Specifications

Housing	: PC housing
Light Source	: Power LED
Power	: 2 W
Lumen	: 143 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Cool white
CRI	: >70
IP	: IP20
Installation	: Surface mounted
Colors	: RAL 9003

### Technical Drawing



### Photometric Curve



### Dimensions (mm)

a	b	h
130	130	27

### Options

Emergency Kit	: Yes (1-3 hours)
---------------	-------------------

\*Hanger set is not provided for surface mounted models (wall mounted).



# ONTEC-D



## EMERGENCY GUIDANCE LED LUMINAires



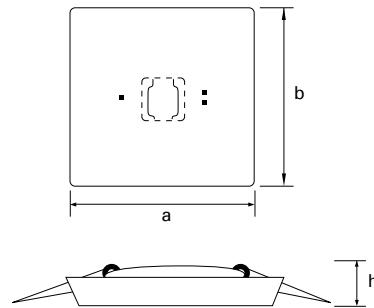
ONTEC-D, provides a multi-function and plain solution to emergency lighting and escape lighting.



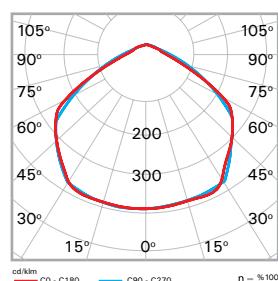
### Technical Specifications

Housing	: PC housing
Light Source	: Power LED
Power	: 3 W
Lumen	: 143 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Cool white
CRI	: > 70
IP	: IP20
Installation	: Recessed
Colors	: RAL 9003

### Technical Drawing



### Photometric Curve



### Dimensions (mm)

a	b	h	Measurements of Ceiling Section	
			d <sup>1</sup>	d <sup>2</sup>
90	90	13	65	65

### Options

Emergency Kit	: Yes (1-3 hours)
---------------	-------------------

\*Hanger set is not provided for surface mounted models (wall mounted).



# ONTEC-C

## EMERGENCY GUIDANCE LED LUMINAIRES



“

ONTEC-C, provides a multi-function and plain solution to emergency lighting and escape lighting.

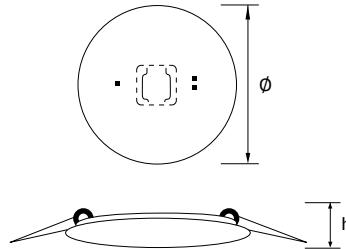
”



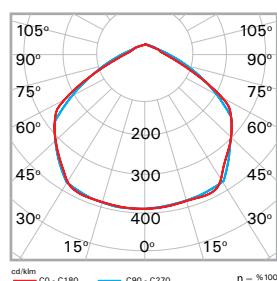
### Technical Specifications

Housing	: PC housing
Light Source	: Power LED
Power	: 3 W
Lumen	: 143 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Cool white
CRI	: >70
IP	: IP20
Installation	: Recessed
Colors	: RAL 9003

### Technical Drawing



### Photometric Curve



### Dimensions (mm)

Ø	h	Measurements of Ceiling Section
90	13	ØD
		65

### Options

Emergency Kit	: Yes (1-3 hours)
---------------	-------------------

\*Hanger set is not provided for surface mounted models (wall mounted).



# PROLIT v2

## PROJECTOR



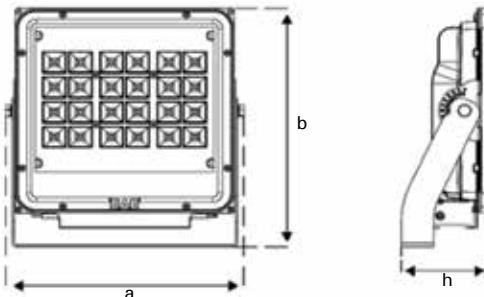
**PROLIT V2** is what the projector applications exactly need. Its extra resilient casing ensures that LED Technology can be used in rough outdoor conditions.



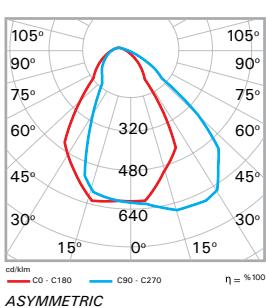
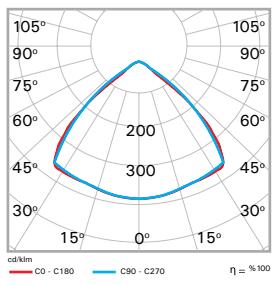
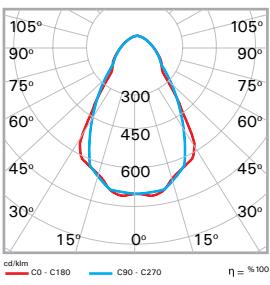
### Technical Specifications

Housing	: Aluminium injection housing
Optical	: 18° / 28° / 54° Lens / Asymmetric reflector
Diffuser	: Tempered glass
Light Source	: Power LED
Power	: 132 W / 176 W / 195 W
Lumen	
(18°)	: (132 W) 15380 lm / (176 W) 18181 lm
(28°)	: (132 W) 15356 lm / (176 W) 18074 lm / (195 W) 20232 lm
(54°)	: (132 W) 15565 lm / (176 W) 18596 lm / (195 W) 20196 lm
(Asymmetric)	: (132 W) 15369 lm / (176 W) 18152 lm / (195 W) 20133 lm
Input Voltage	: 220-240 V AC
Color Temp.	: 3000K / 4000K / 5700K
CRI	: >70
IP	: IP66
Installation	: Floor
Colors	: Black

### Technical Drawing



### Photometric Curve



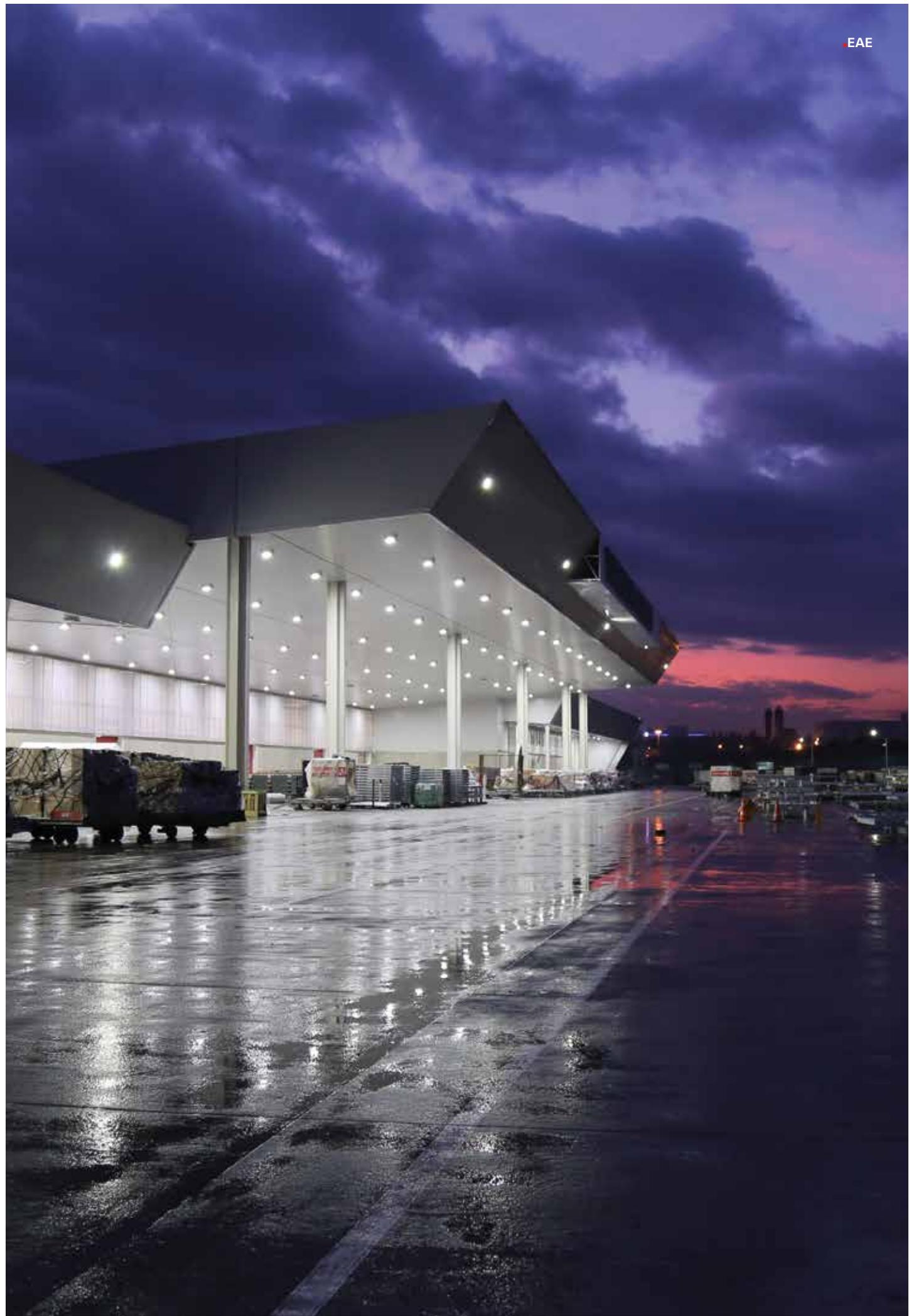
### Dimensions (mm)

a	b	h
366	408	135

### Options

DALI Compatibility	: Yes
DIMKO Compatibility	: Yes





# PROLIT-M TUNNEL

## PROJECTOR



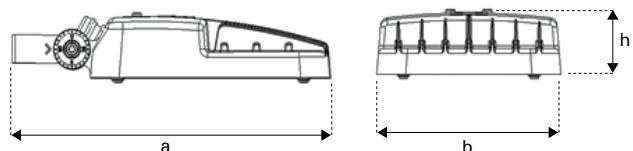
*PROLIT-M TUNNEL, with its compact body minimized to minimal sizes, is ideal for usage in external environment conditions where a balanced coexistence of performance and economy is needed.*



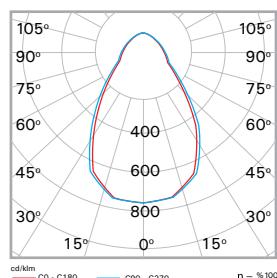
### Technical Specifications

Housing	: Aluminium injection housing
Optical	: 65° / 110° / Asymmetric lens
Diffuser	: Tempered transparent glass
Light Source	: Power LED
Power	: 60.6 W
Lumen	: 6458 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Natural white / Cool white
CRI	: > 70
IP	: IP66
Installation	: Floor / Wall
Colors	: Black

### Technical Drawing



### Photometric Curve



### Dimensions (mm)

a	b	h
345	200	69

### Options

DALI Compatibility	: Yes
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# PROLIT-M PR

## PROJECTOR



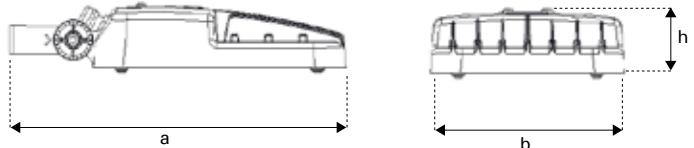
*PROLIT-M PR, with its compact body minimized to minimal sizes, is ideal for usage in external environment conditions where a balanced coexistence of performance and economy is needed.*



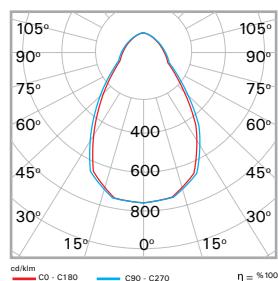
### Technical Specifications

Housing	: Aluminium injection housing
Optical	: 65° / 110° / Asymmetric lens
Diffuser	: Tempered clear glass
Light Source	: Power LED
Power	: 45.8 W / 54.8 W
Lumen	: 4696 lm / 5711 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white / Cool white
CRI	: > 70
IP	: IP66
Installation	: Floor / Wall
Colors	: Black

### Technical Drawing



### Photometric Curve



### Dimensions (mm)

a	b	h
260	85	69

### Options

DALI Compatibility	: Yes
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# PROLIT-M SK

STREET



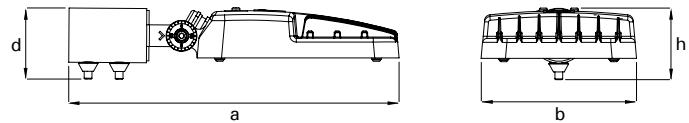
*PROLIT-M SK, with its compact body minimized to minimal sizes, is ideal for usage in external environment conditions where a balanced coexistence of performance and economy is needed.*



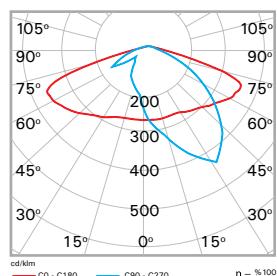
## Technical Specifications

Housing	: Aluminium injection housing
Optical	: Wide angle reflector
Diffuser	: Tempered glass with safety film
Light Source	: Power LED
Power	: 21 W / 32 W / 43 W
Lumen	: 2231 lm / 3424 lm / 4662 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white / Cool white
CRI	: > 70
IP	: IP66
Installation	: Floor / Wall
Colors	: Black

## Technical Drawing



## Photometric Curve



## Dimensions (mm)

a	b	h	d
423	191	92	92

## Options

DALI Compatibility	: Yes
DIMKO Compatibility	: Yes



# PROLIT COMPACT V2

PROJECTOR



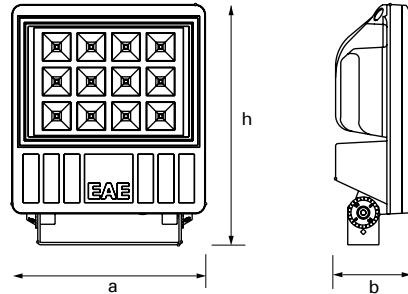
*PROLIT COMPACT V2, contains modern and industrial design inside, is a led source with an ergonomics which can be used in every fields.*



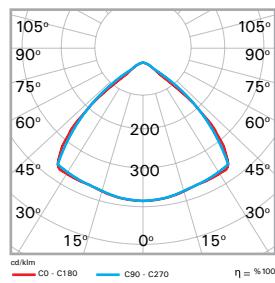
## Technical Specifications

Housing	: Aluminium injection housing
Optical	: Wide angle lens
Diffuser	: Sanded tempered glass with safety film
Light Source	: Power LED
Power	: 48.4 W / 67.9 W
Lumen	: 5470 lm / 7495 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white / Cool white
CRI	: >65
IP	: IP66
Installation	: Floor
Colors	: Black

## Technical Drawing



## Photometric Curve



WIDE ANGLE

## Dimensions (mm)

a	b	h
246	101	305



# MEGALIT II

## PROJECTOR



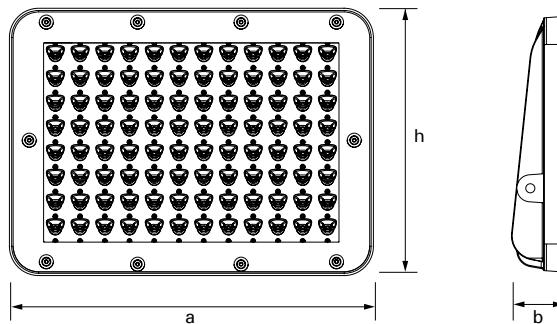
**MEGALIT II**, which is frequently preferred in projector applications, is led with an extra durable casing structure technology's possibilities in severe outdoor conditions. Modern and industrial design MEGALIT II is a ergonomic LED light source that every field can use.



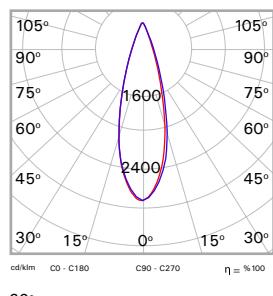
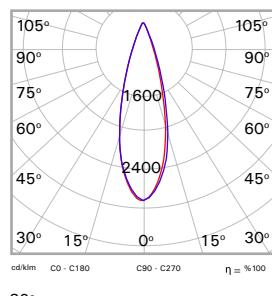
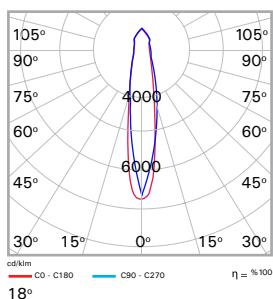
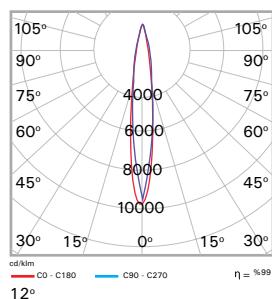
### Technical Specifications

Housing	: Aluminium housing
Optical	: 12° / 18° / 30° / 60° Lens
Diffuser	: Security tempered clear glass
Light Source	: Power LED
Power	: 462 W
Lumen	: (12°) 46588 lm / (18°) 48300 lm / (30°) 52336 lm (60°) 51764 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: 5000K
CRI	: > 70
IP	: IP66
Installation	: Floor
Colors	: SW 306G

### Technical Drawing

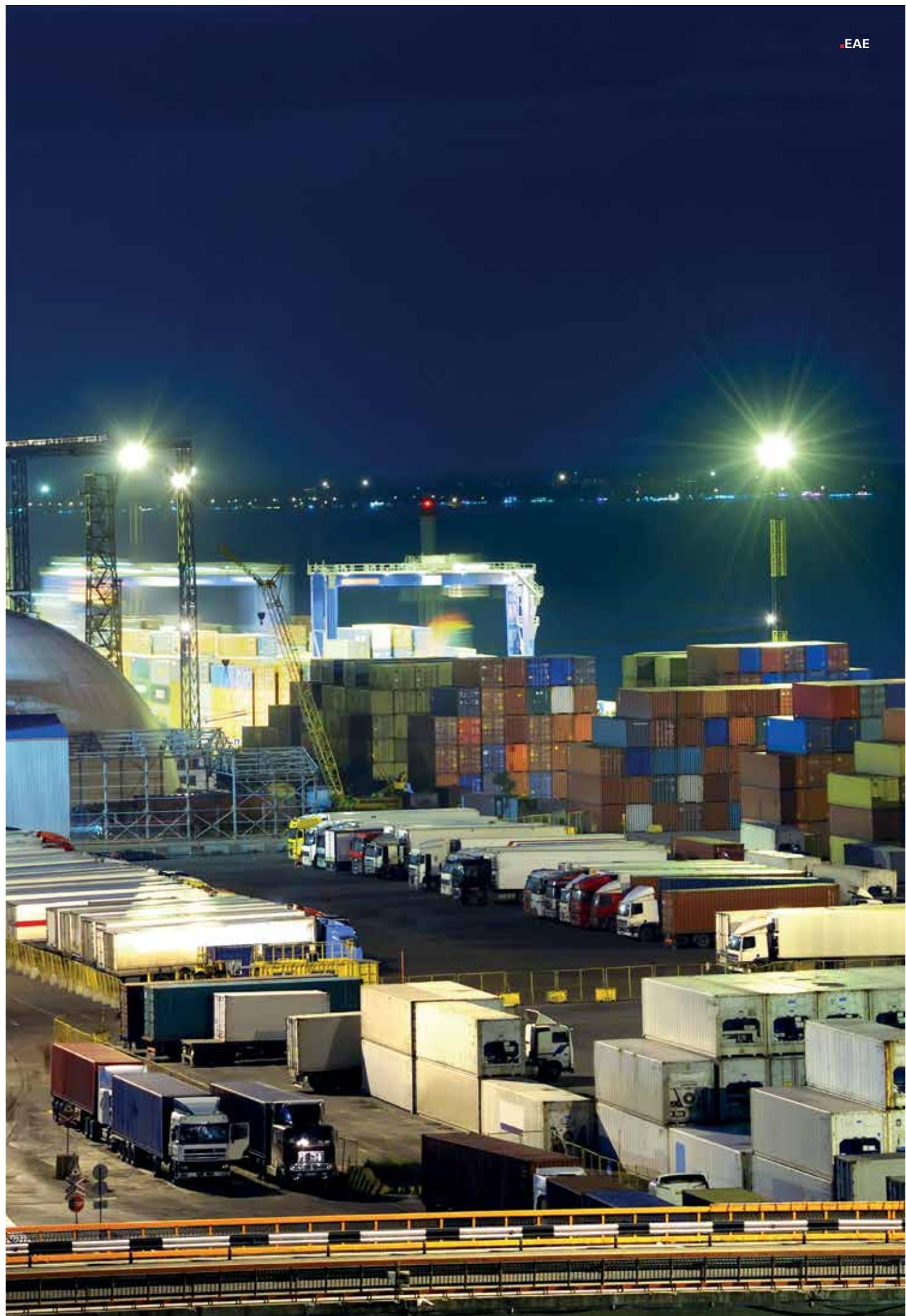


### Photometric Curve



### Dimensions (mm)

a	b	h
691	492	178



# G·PRONA

## PROJECTOR



“

G·PRONA is specially designed to illuminate ports, large areas and an industry. The asymmetrical light distribution, thanks to the high lumen output, provides more energy saving than usual for LED Retrofit applications in particular.

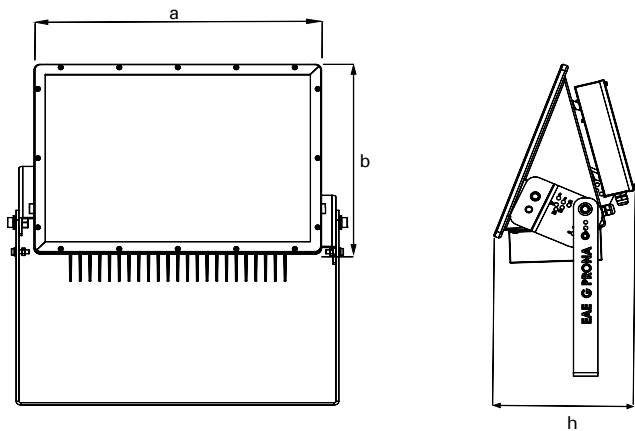
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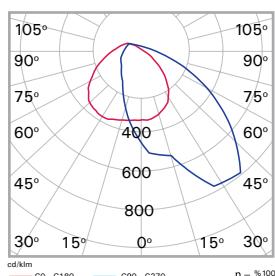
### Technical Specifications

Housing	: Aluminium injection housing
Optical	: Asymmetric reflector
Diffuser	: Tempered clear glass
Light Source	: Power LED
Power	: 144 W / 182 W / 313 W / 413 W
Lumen	: 19864 lm / 25950 lm / 43634 lm / 57579 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: 3000K / 4000K / 5000K / 5700K
CRI	: >70
IP	: IP66
Installation	: Floor
Colors	: SW 306G

### Technical Drawing



### Photometric Curve



### Dimensions (mm)

a	b	h
586	410	235



# SPRONA

## PROJECTOR



“

*SPRONA is specially designed to illuminate ports, large areas and an industry. The asymmetrical light distribution, thanks to the high lumen output, provides more energy saving than usual for LED Retrofit applications in particular.*

”



### Technical Specifications

Housing	: Aluminium housing
Optical	: 16° / 18° / 64° / Asymmetric
Diffuser	: Tempered glass
Light Source	: Power LED
Power	: 410 W (16° / 18° / 64° / Asymmetric) 464 W (16° / 18° / 64° / Asymmetric) : 410 W - (16°) 50155 lm / (18°) 47706 lm / (64°) 44019 lm / (Asymmetric) 39054 lm 464 W - (16°) 51630 lm / (18°) 48965 lm / (64°) 45109 lm / (Asymmetric) 40321 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: 4000K / 5000K / 5700K
CRI	: >70
IP	: IP66
Installation	: Column
Colors	: SW 306G

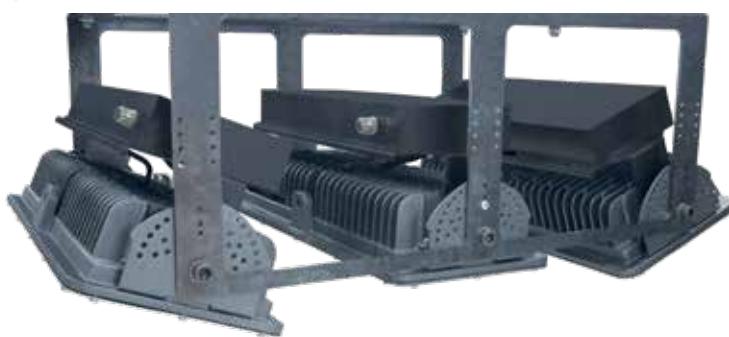
**SM PROJECTOR SINGLE**



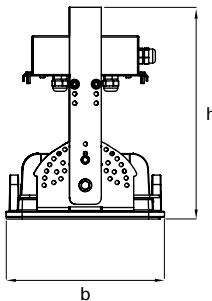
**SM PROJECTOR DOUBLE**



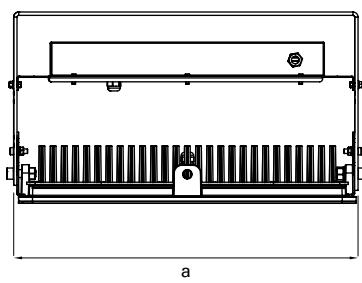
**SM PROJECTOR TRIPLE**



## Technical Drawing

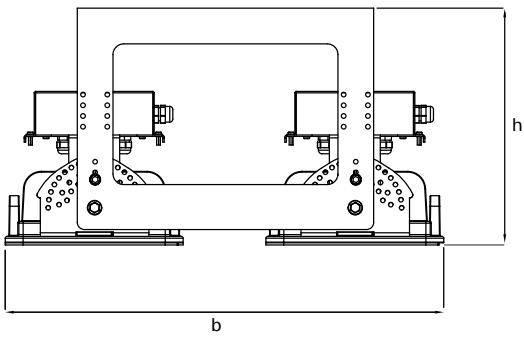


**SM PROJECTOR SINGLE**

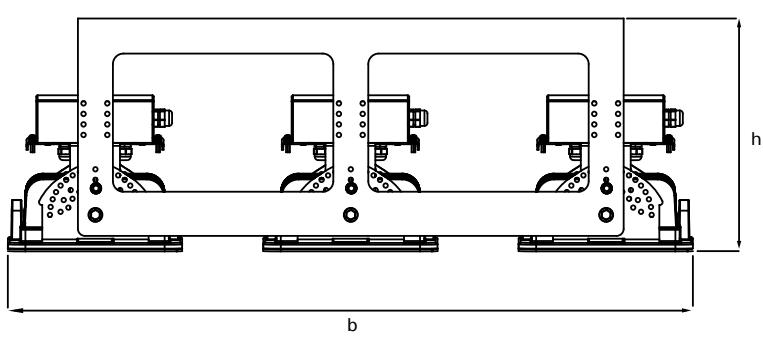


**Dimensions (mm)**

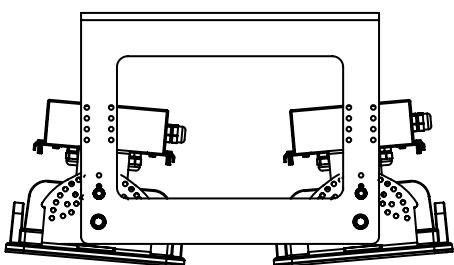
Type	a	b	h
SM PR. Single	616	249	345
SM PR. Double	616	615	345
SM PR. Triple	616	980	345



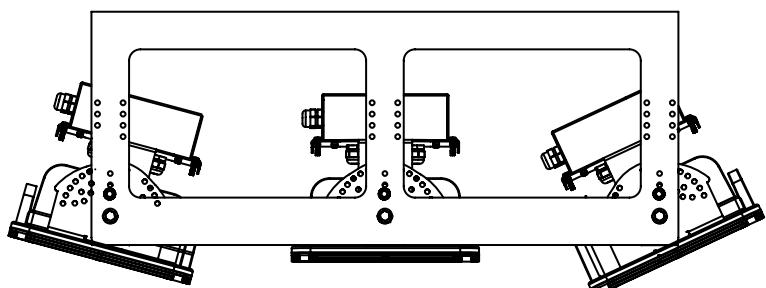
**SM PROJECTOR DOUBLE**



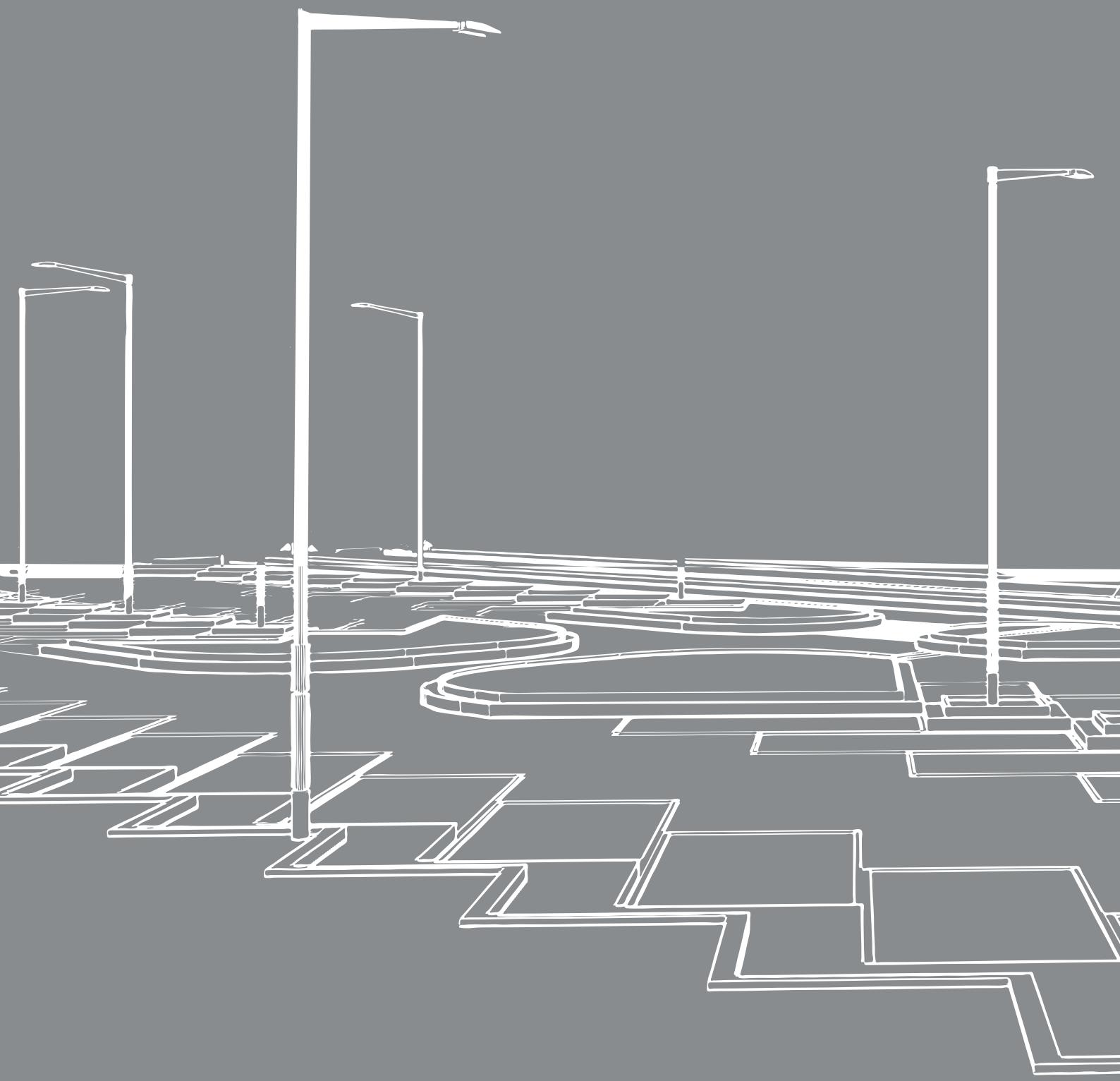
**SM PROJECTOR TRIPLE**



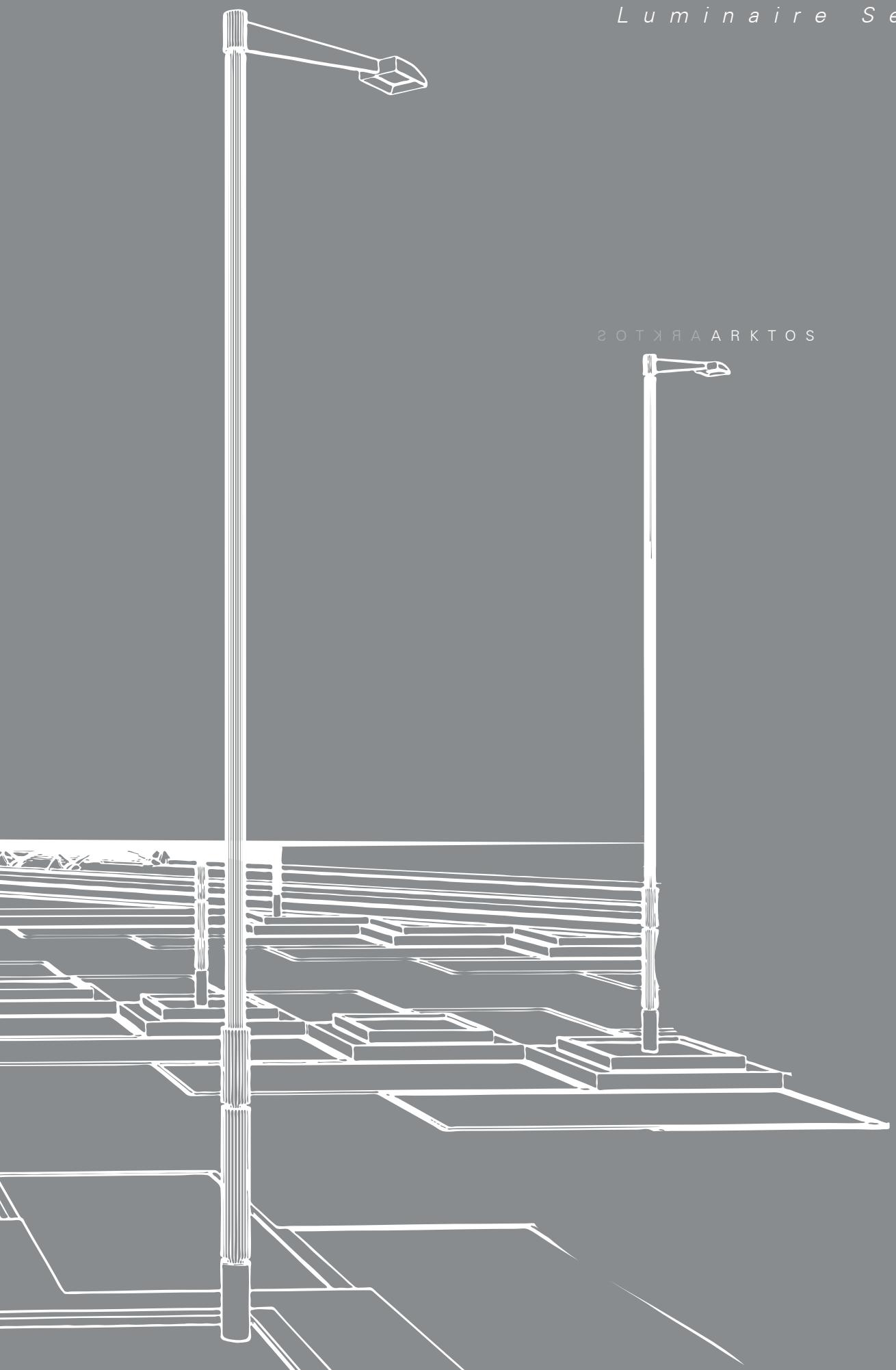
**SM PROJECTOR DOUBLE MOVING SET**



**SM PROJECTOR TRIPLE MOVING SET**



*O u t d o o r   L i g h t i n g*  
*L u m i n a i r e   S e r i e s*

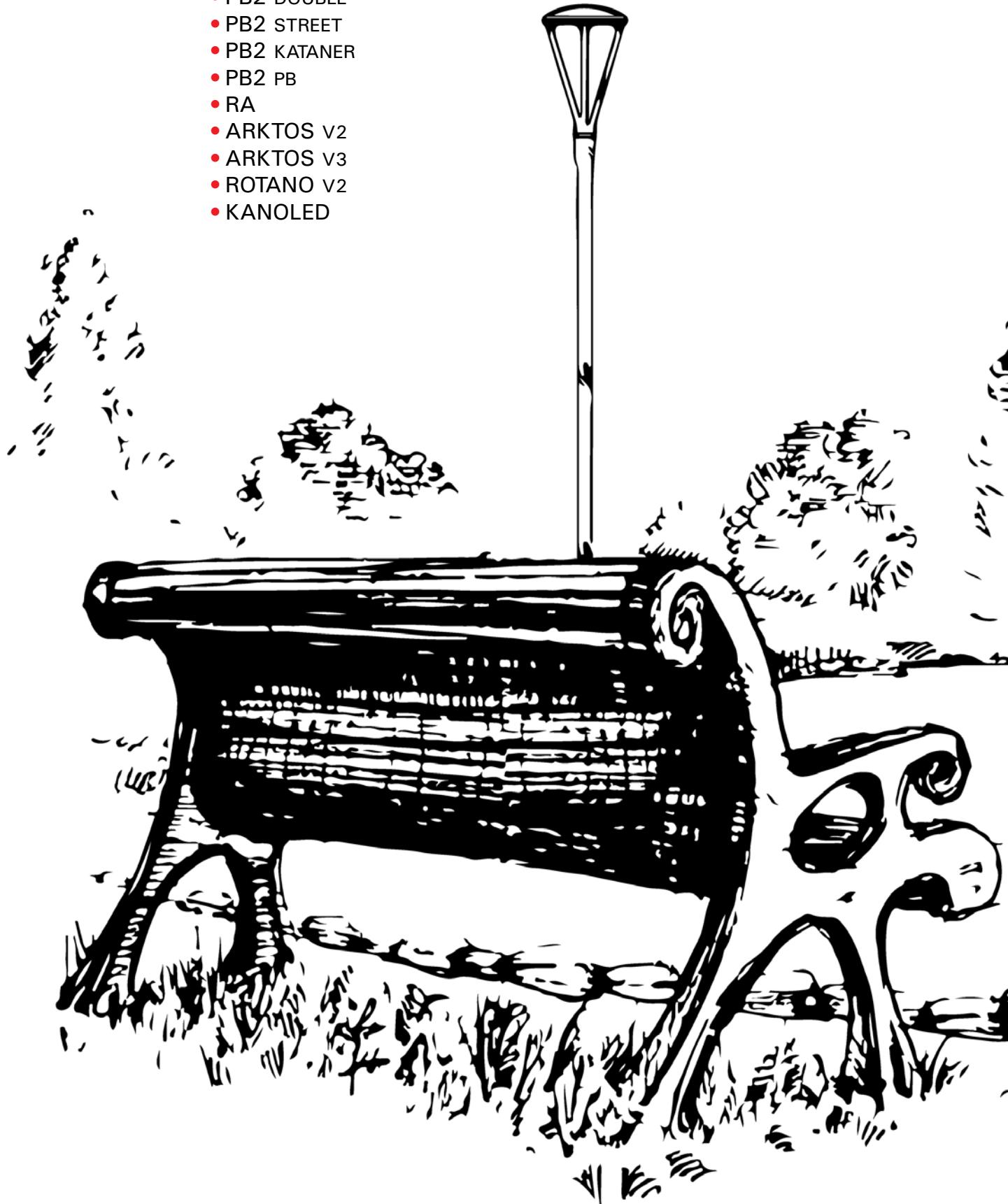


S O T O K A R A A R K T O S

# *O u t d o o r   L i g h t i n g*

## *L u m i n a i r e   S e r i e s*

- PB2 ARENA
- PB2 LOWBAY LOW LOWBAY
- PB2 FOOD
- PB2 DOUBLE
- PB2 STREET
- PB2 KATANER
- PB2 PB
- RA
- ARKTOS V2
- ARKTOS V3
- ROTANO V2
- KANOLED



•PB2 ARENA



76. SAYFA

•PB2 LOWBAY  
LOW LOWBAY



77. SAYFA

•PB2 FOOD



78. SAYFA

•PB2 DOUBLE



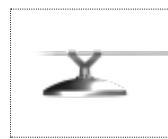
79. SAYFA

•PB2 STREET



80. SAYFA

•PB2 KATANER



81. SAYFA

•PB2 PB



82. SAYFA

•RA



84. SAYFA

•ARKTOS V2



85. SAYFA

•ARKTOS V3



86. SAYFA

•ROTANO V2

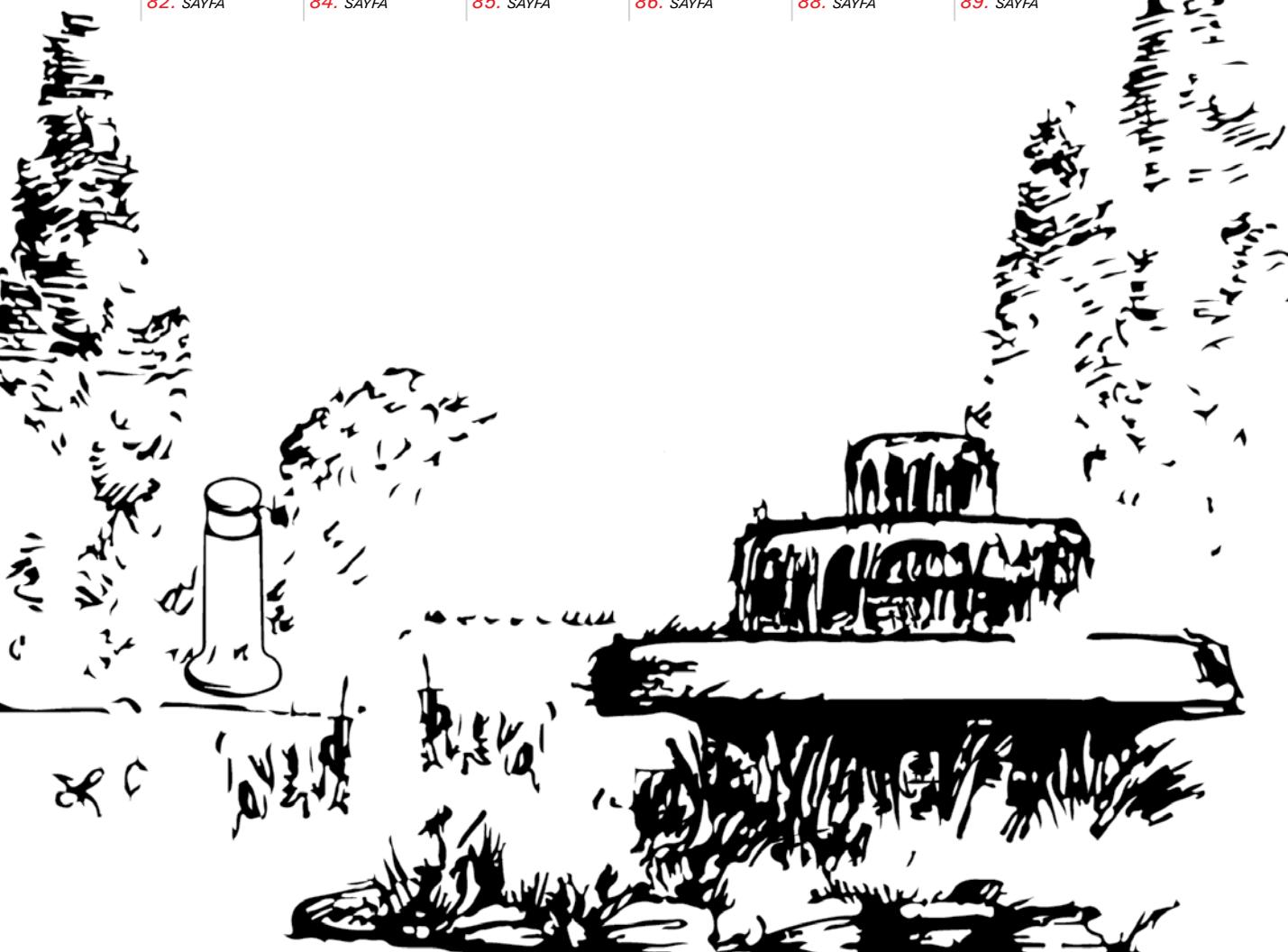


88. SAYFA

•KANOLED



89. SAYFA



# PB2

## ARENA (60°)



### HEAVY-DUTY HIGH-BAY LUMINAIRE



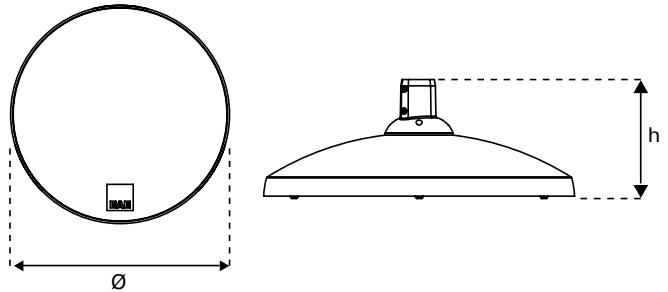
ARENA is the model of the PB2 product family and it provides the optimum solution for the different lighting needs of industrial plants. Its rounded housing end prevents dust and dirt from accumulating on its surface.



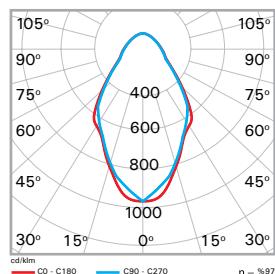
### Technical Specifications

Housing	: Aluminium injection housing
Optical	: 60° reflector
Diffuser	: Tempered glass with safety film
Light Source	: SMD LED
Power	: 36 W / 72 W / 88 W / 106 W
Lumen	: 4740 lm / 9380 lm / 11912 lm / 13869 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white / Cool white
CRI	: > 70
IP	: IP66
Installation	: Surface mounted
Colors	: SW 306G

### Technical Drawing



### Photometric Curve



### Dimensions (mm)

Ø	h
500	163

### Options

Emergency Kit Compatibility	: Yes (1-3 hours)
DALI Compatibility	: Yes



# PB2

## LOWBAY (90°) - LOW LOWBAY (110°)



HEAVY-DUTY HIGH-BAY LUMINAIRE



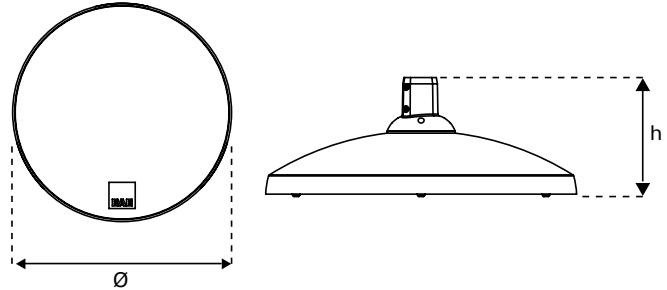
*LOWBAY and LOW LOWBAY are the models of the PB2 product family and these products provides the optimum solution for the different lighting needs of industrial plants. Its rounded housing end prevents dust and dirt from accumulating on its surface.*



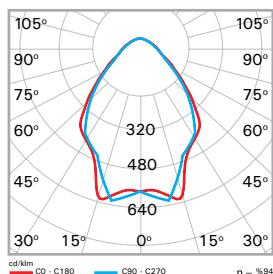
### Technical Specifications

Housing	: Aluminium injection housing
Optical	: Wide angle / Extra wide angle reflector
Diffuser	: Tempered transparent glass
Light Source	: SMD LED
Power	: 35 W / 63 W / 88 W / 106 W
Lumen	: 4849 lm / 8960 lm / 12411 lm / 14774 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm White / Natural White / Cold White
CRI	: > 70 / >80
IP	: IP66
Installation	: Surface, Pendant
Colors	: SW 306G

### Technical Drawing



### Photometric Curve



### Dimensions (mm)

Ø	h
500	163

### Options

Emergency Kit Compatibility	: Yes (1-3 hours)
DALI Compatibility	: Yes



# PB2 FOOD

INDUSTRY LIGHTING LED LUMINAIRES



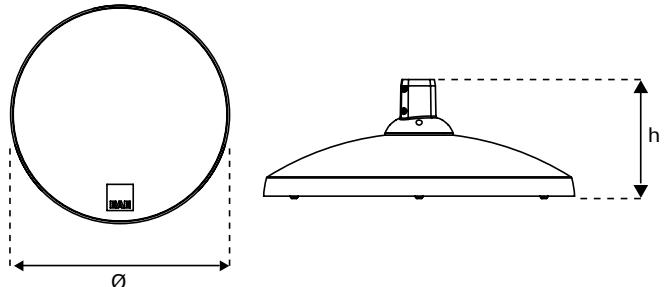
*FOOD is the model of the PB2 product family and it provides the optimum solution for the different lighting needs of industrial plants. Its rounded housing end prevents dust and dirt from accumulating on its surface.*



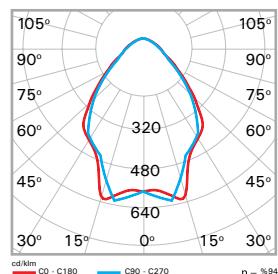
## Technical Specifications

Housing	: Aluminium injection housing
Optical	: Wide angle / Extra wide angle reflector
Diffuser	: Tempered glass with safety film
Light Source	: MP LED / HP LED
Power	: 33,8 W / 64,5 W
Lumen	: 4600 lm / 9100 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Natural white / Cool white
CRI	: MP LED >80 HP LED >70
IP	: IP66
Installation	: Surface mounted
Colors	: SW 306G / White

## Technical Drawing



## Photometric Curve



## Dimensions (mm)

Ø	h
500	160

## Options

Emergency Kit	: Yes (1-3 hours)
DALI Compatibility	: Yes
KAM Compatibility	: Yes



# PB2 DOUBLE

## STREET LIGHTING LED LUMINAIRES



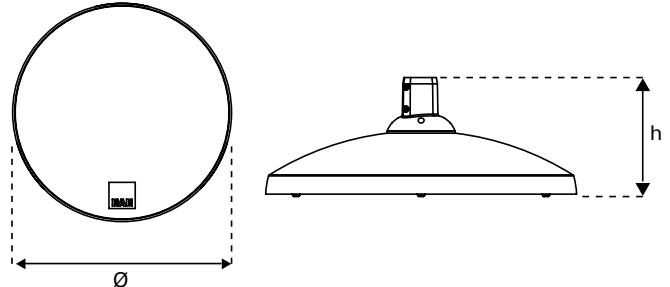
DOUBLE is the model of the PB2 product family and it is ideal for illuminating urban and landscape areas with its rounded body structure. The light radiating from its wide angle reflector creates an excellent atmosphere to establish secure urban areas.



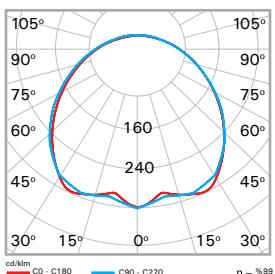
### Technical Specifications

Housing	: Aluminium injection housing
Optical	: Wide angle lens
Diffuser	: Tempered glass with safety film
Light Source	: Power LED
Power	: 22 W / 35 W / 45 W
Lumen	: 2700 lm / 4300 lm / 5400 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Natural White / Cold White
CRI	: > 70
IP	: IP66
Installation	: Column
Colors	: Anthracite fume

### Technical Drawing



### Photometric Curve



### Dimensions (mm)

Ø	h
500	185

### Options

DALI Compatibility	: Yes
DIMKO Compatibility	: Yes



# PB2 STREET

## STREET LIGHTING LED LUMINAIRES



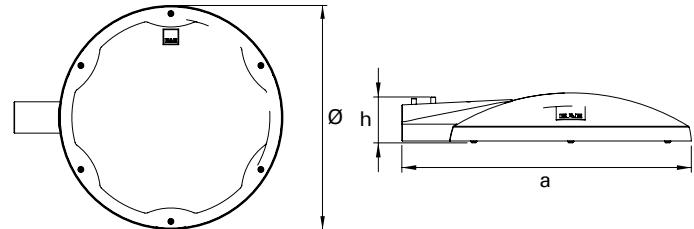
STREET is the model of the PB2 product family and it is ideal for illuminating urban and landscape areas with its rounded body structure. The light radiating from its wide angle reflector creates an excellent atmosphere to establish secure urban areas.



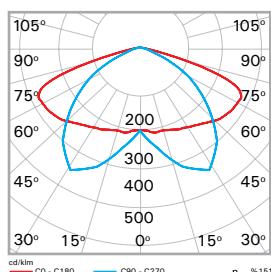
### Technical Specifications

Housing	: Aluminium injection housing
Optical	: Wide angle lens
Diffuser	: Tempered glass with safety film
Light Source	: Power LED
Power	: 22 W / 35 W / 44 W
Lumen	: 2700 lm / 4300 lm / 5400 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Natural white / Cool white
CRI	: > 70
IP	: IP66
Installation	: Pole
Colors	: SW 306G

### Technical Drawing



### Photometric Curve



### Dimensions (mm)

Type	Ø	a	h
22 W	500	600	95.2
35 W	500	600	95.2
45 W	500	600	95.2

### Options

DALI Compatibility	: Yes
DIMKO Compatibility	: Yes



# PB2 CATANER

## STREET LIGHTING LED LUMINAIRES



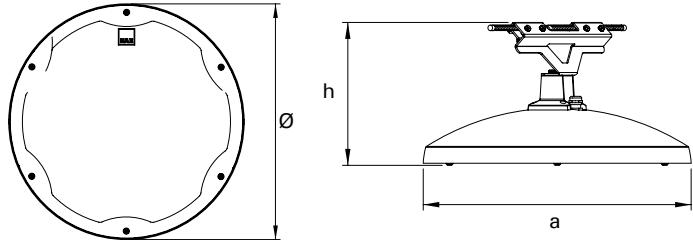
CATANER is the model of the PB2 product family and it is ideal for illuminating urban and landscape areas with its rounded body structure. The light radiating from its wide angle reflector creates an excellent atmosphere to establish secure urban areas.



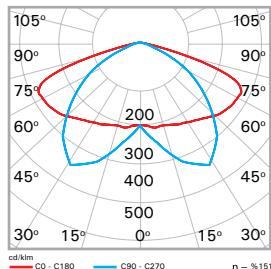
### Technical Specifications

Housing	: Aluminium injection housing
Optical	: Wide angle lens
Diffuser	: Tempered glass with safety film
Light Source	: Power LED
Power	: 37 W / 72 W
Lumen	: 4598 lm / 9111 lm / 12546 lm / 14987 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Natural white / Cool white
CRI	: > 70
IP	: IP66
Installation	: Surface mounted / Pendant
Colors	: SW 306G / White

### Technical Drawing



### Photometric Curve



### Dimensions (mm)

Type	Ø	a	h
37 W	500	500	259.5
72 W	500	500	259.5

### Options

DALI Compatibility	: Yes
DIMKO Compatibility	: Yes



# PB2 PB

## STREET LIGHTING LED LUMINAIRES



“

PB2 PB, with three-sleeves, round housing structure with the landscape and urban areas is used for ambient lighting. The rounded hull the finish on the surface prevents the accumulation of dust and dirt.

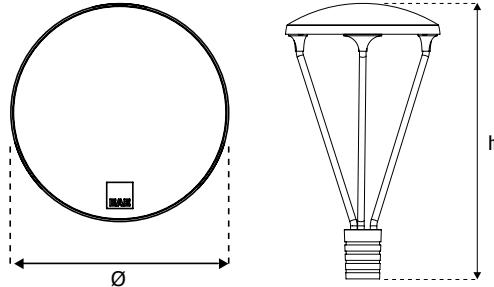
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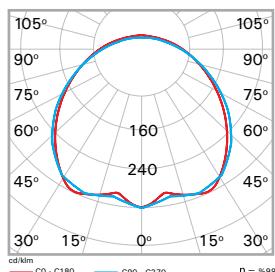
### Technical Specifications

Housing	: Aluminium injection housing
Optical	: High efficiency opal diffuser
Diffuser	: Tempered glass
Light Source	: Power LED
Power	: 40 W / 55 W / 63 W
Lumen	: 4562 lm / 6083 lm / 6371 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Natural white / Cool white
CRI	: > 70
IP	: IP66
Installation	: Park / Garden
Colors	: Black

### Technical Drawing



### Photometric Curve



### Dimensions (mm)

Ø	h
500	893

### Options

DALI Compatibility	: Yes
DIMKO Compatibility	: Yes





## ENVIRONMENT LIGHTING LUMINAIRE



**“**

Offering the outdoor lighting in minimum energy and maximum comfort, RA, shows a great performance for many years by its modern look and many advantages the led technology provides.

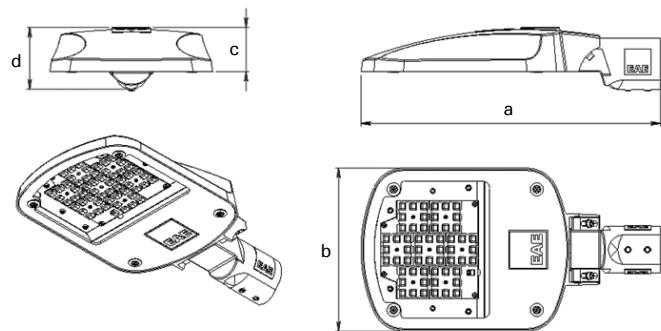
**”**



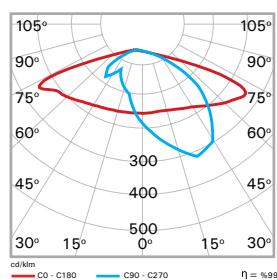
### Technical Specifications

Housing	: Aluminium injection housing
Optical	: Wide angle lens
Light Source	: Power LED
Power	: 24 W / 30 W / 44 W / 52 W
Lumen	: 3215 lm / 3530 lm / 5881 lm / 6247 lm
Input Voltage	: 220-240 V / 50-60 Hz
Color Temp.	: 4000K / 5700K
CRI	: >70
IP	: IP66
Installation	: Column
Colors	: SW 306G

### Technical Drawing



### Photometric Curve



### Dimensions (mm)

a	b	c	d
460	250	68	98

### Options

DALI Compatibility	: Yes
DIMKO Compatibility	: Yes



# ARKTOS V2

ENVIRONMENT LIGHTING LUMINAIRE



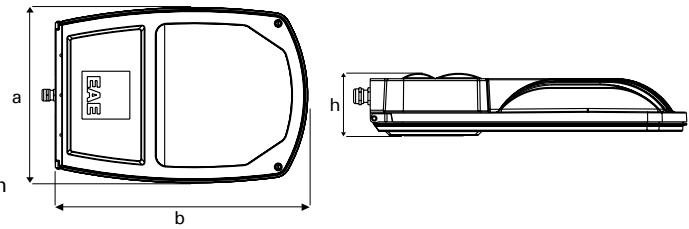
Offering the outdoor lighting in minimum energy and maximum comfort, ARKTOS V2, shows a great performance for many years by its modern look and many advantages the led technology provides.



## Technical Specifications

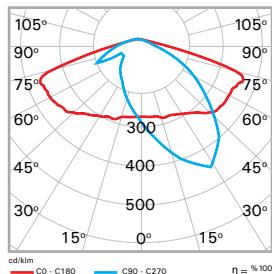
Housing	: Aluminium injection monoblock housing
Optical	: Wide angle optical lens
Diffuser	: Tempered clear glass
Light Source	: Power LED
Power	: 47 W / 70 W / 100 W / 117 W / 137 W / 157 W
Lumen	: 600lm / 8800lm / 12800lm / 14800lm / 17200lm / 19875lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white / Cool white
CRI	: > 70
IP	: IP66
Installation	: Column
Colors	: RAL 9018 / SW 306G

## Technical Drawing



\* Technical specifications have ± %10 tolerance.

## Photometric Curve



## Dimensions (mm)

a	b	h
475	330	92.5

## Options

DALI Compatibility	: Yes
DIMKO Compatibility	: Yes



# ARKTOS V3

## STREET LIGHTING LED LUMINAIRES



“

Offering the outdoor lighting in minimum energy and maximum comfort, ARKTOS V3, shows a great performance for many years by its modern look and many advantages the led technology provides.

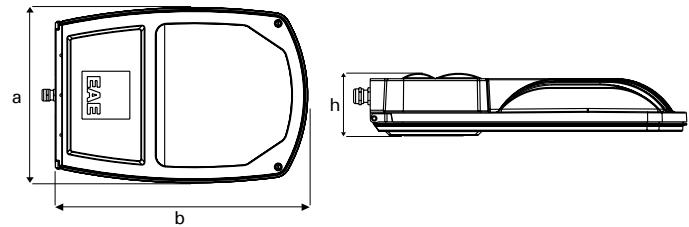
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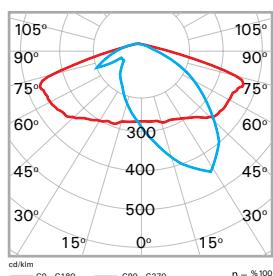
### Technical Specifications

Housing	: Aluminium injection monoblock housing
Optical	: Wide angle optical lens
Diffuser	: Tempered clear glass
Light Source	: Power LED
Power	: 56 W / 72 W / 89 W / 106 W / 123 W / 140 W
Lumen	: 6605 lm / 8898 lm / 10706 lm / 12888 lm 15095 lm / 16714 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white / Cool white
CRI	: > 70
IP	: IP66
Installation	: Column
Colors	: RAL 9018 / SW 306G

### Technical Drawing



### Photometric Curve



### Dimensions (mm)

a	b	h
475	330	92.5

### Options

DALI Compatibility	: Yes
DIMKO Compatibility	: Yes





# ROTANO V2

## STREET LIGHTING LED LUMINAIRES



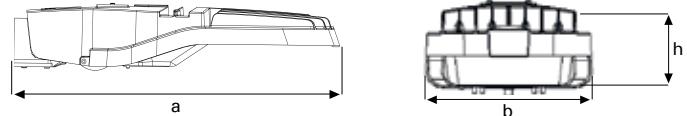
Thanks to its minimalist design, ROTANO V2, leading outdoor lighting needed in the many fields of living spaces, offers you to have the energy saving provided by the led technology through paying low costs.



### Technical Specifications

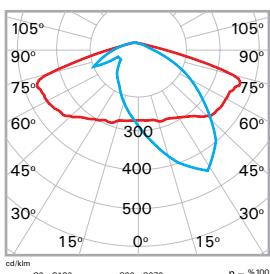
Housing	: Aluminium injection housing
Optical	: Wide angle optical lens
Diffuser	: Tempered clear glass
Light Source	: Power LED
Power	: 22 W / 30 W / 45 W / 58 W / 75 W / 100 W
Lumen	: 2700 lm / 3780 lm / 5340 lm / 7080 lm 9200 lm / 12400 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Natural white / Cool white
CRI	: > 70
IP	: IP66
Installation	: Column
Colors	: SW 306G

### Technical Drawing



\* Technical specifications have  $\pm$  10% tolerance.

### Photometric Curve



### Dimensions (mm)

a	b	h
568	222	110

### Options

DALI Compatibility : Yes



# KANOLED

## CANOPY LIGHTING LED LUMINAIRES



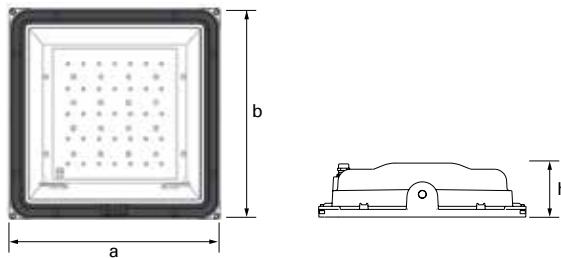
KANOLED, which provides basic lighting needs of petrol stations with flammable and combustible materials with minimum energy, has high security and sturdy body structure, allowing convenient usage.



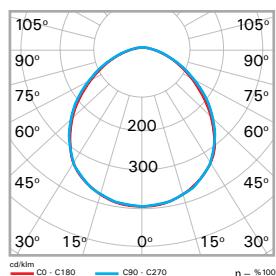
### Technical Specifications

Housing	: Aluminium injection housing
Optical	: Wide angle lens
Diffuser	: Glare regulating sanded glass / Clear glass
Light Source	: Power LED
Power	: 50 W / 69 W / 100 W
Lumen	: 6310 lm / 8682 lm / 11757 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Cool white
CRI	: >70
IP	: IP66
Installation	: Under the canopy
Colors	: White

### Technical Drawing



### Photometric Curve



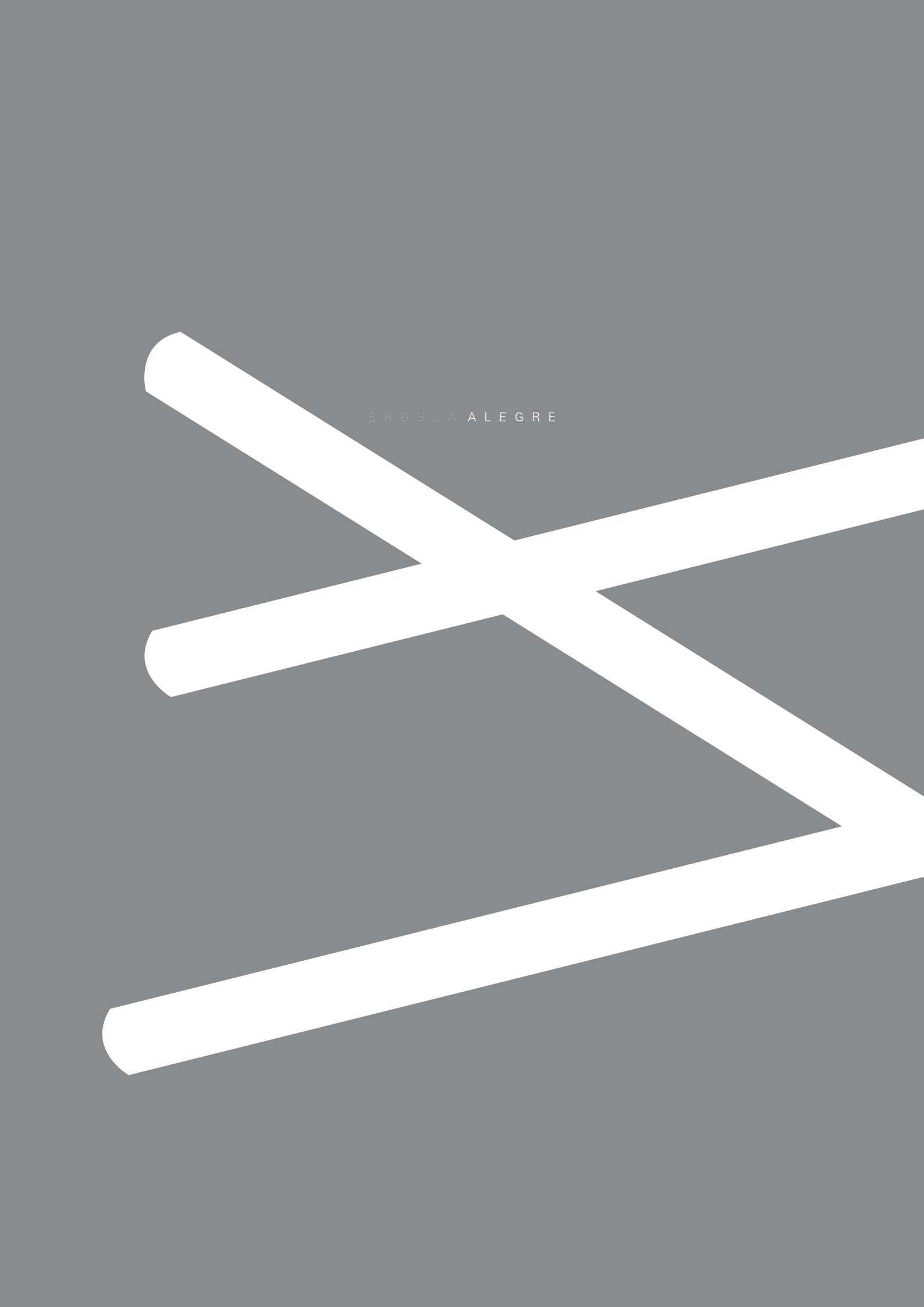
### Dimensions (mm)

a	b	h
336	336	88

### Options

Diffuser Options : Clear glass / Sanded glass





ALEGRE

*S u r f a c e - M o u n t e d / P e n d a n t / R e c e s s e d*  
*L u m i n a i r e S e r i e s*

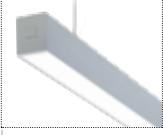
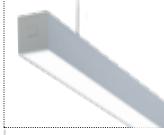
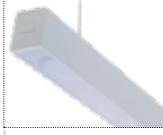
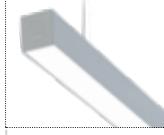
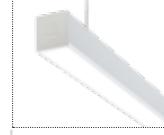
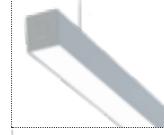
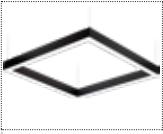
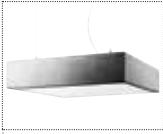
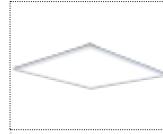
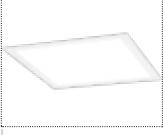
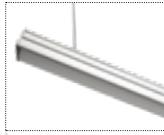


## ***Surface-Mounted / Pendant / Recessed***

### ***Lumininaire Series***

- STL Direct-Indirect
- STL
- STL Micro prismatic diffuser
- STL Mini
- STL Domino
- STL Pendant diffuser
- STL Micro
- YODA
- FRAME
- RINGO
- NETA Recessed
- NETA Pendant/Surface mounted
- CUBIC
- HEXAGEN
- HEXAGEN LINE
- PANLED
- BLOOM Recessed
- BLOOM KM
- BLOOM Surface mounted
- BLOOM SLIM
- BLOOM IP65
- PUFIN
- DOTY
- FLEXBAR WHITE
- FLEXBAR MN COLOR
- FLEXBAR RGB
- ENDILED
- ENDILED II
- PIRAMIT Surface mounted
- PIRAMIT Recessed
- FLED II
- SASLED
- SATURN V2
- MODILED HE
- MODILED HB
- MODILED HB II
- MODILED MARKET
- TASKLED
- FLORA
- MOOD
- VENO
- LUXO V3
- GIZA APLIK
- ALEGRE APLIK
- VENO APLIK
- APLIKED



•STL Direct-Indirect	•STL	•STL Micro Prismatic Diffuser	•STL Mini	•STL Domino	•STL Pendant diffuser	•STL Micro	•YODA
							
94. SAYFA	96. SAYFA	98. SAYFA	100. SAYFA	102. SAYFA	103. SAYFA	104. SAYFA	106. SAYFA
•FRAME	•RINGO	•NETA Recessed	•NETA Pendant Surface mounted	•CUBIC	•HEXAGEN	•HEXAGEN LINE	•PANLED
							
108. SAYFA	110. SAYFA	112. SAYFA	114. SAYFA	116. SAYFA	118. SAYFA	119. SAYFA	120. SAYFA
•BLOOM Recessed	•BLOOM KM	•BLOOM Surface mounted	•BLOOM SLIM	•BLOOM IP65	•PUFIN	•DOTY	•FLEXBAR WHITE
							
122. SAYFA	124. SAYFA	126. SAYFA	127. SAYFA	128. SAYFA	129. SAYFA	131. SAYFA	132. SAYFA
•FLEXBAR MN COLOR	•FLEXBAR RGB	•ENDILED	•ENDILED II	•PIRAMIT Surface mounted	•PIRAMIT Recessed	•FLED II	•SASLED
							
134. SAYFA	136. SAYFA	138. SAYFA	140. SAYFA	141. SAYFA	142. SAYFA	144. SAYFA	146. SAYFA
•SATURN V2	•MODILED HE	•MODILED HB	•MODILED HB II	•MODILED MARKET	•TASKLED	•FLORA	•MOOD
							
148. SAYFA	150. SAYFA	152. SAYFA	153. SAYFA	154. SAYFA	156. SAYFA	158. SAYFA	159. SAYFA
•VENO	•LUXO V3	•GIZA APLIK	•ALEGRE APLIK	•VENO APLIK	•APLIKLED		
							
160. SAYFA	162. SAYFA	163. SAYFA	164. SAYFA	165. SAYFA	166. SAYFA		

# STL

## DIRECT-INDIRECT

### UNINTERRUPTED LINEAR LED LIGHTING SYSTEM



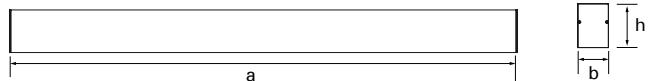
*One of the new members of the STL product family, STL DIRECT-INDIRECT is ideal for illuminating work areas with its optics radiating direct and indirect light and new design housing profile. Indirect light effect ensures a clear perception of objects within the environment, while minimizing glare.*



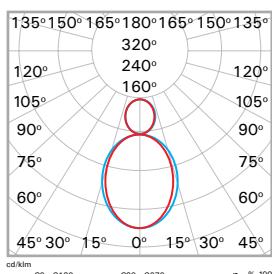
#### Technical Specifications

Housing	: Aluminium extrusion housing and injection cap
Optical	: Exclusively manufactured highly permeable diffuser with anti glare
Light Source	: Mid Power LED
Power	: 26 W / 31 W / 39 W / 45 W / 49 W / 62 W
Lumen	
Direct Optic Lumen	: (45 W) 3248.6 lm / (49 W) 3368.9 lm / (62 W) 4516 lm
Indirect Optic Lumen	: (45 W) 1327 lm / (49 W) 1443.8 lm / (62 W) 1935.4 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: 2700K / 3000K / 4000K
CRI	: >80
IP	: IP40
Installation	: Pendant
Colors	: RAL 9005 / RAL 7047

#### Technical Drawing



#### Photometric Curve



#### Dimensions (mm)

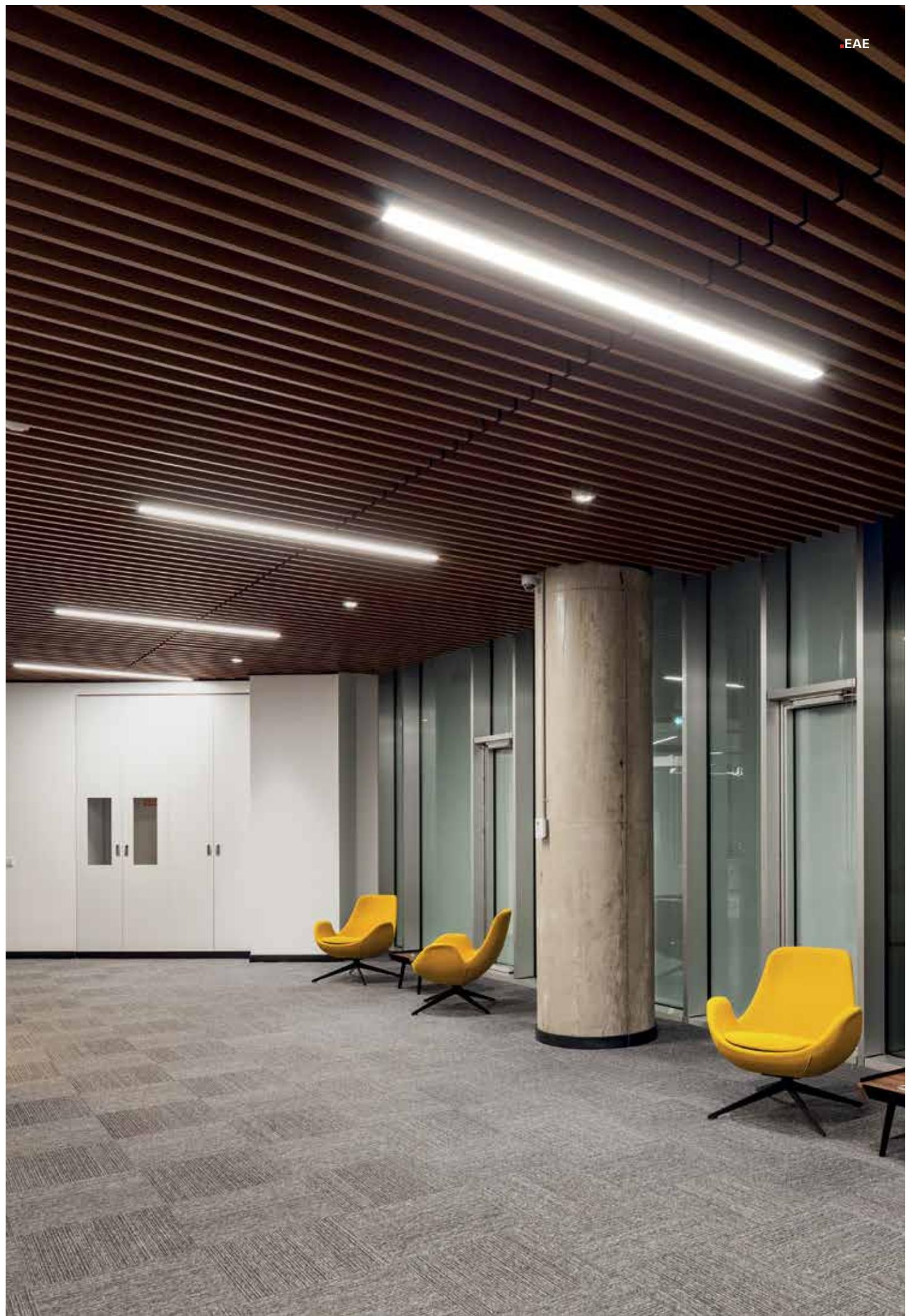
BS-SN Models	a	b	h
26 W - 45 W	1213	70	100
31 W - 49 W	1512.5	70	100
39 W - 62 W	1812	70	100

Single Models	a	b	h
26 W - 45 W	1221	70	100
31 W - 49 W	1520.5	70	100
39 W - 62 W	1820	70	100

Intermediate Models	a	b	h
26 W - 45 W	1205	70	100
31 W - 49 W	1500.5	70	100
39 W - 62 W	1804	70	100

#### Options

Emergency Kit	: Yes (1-3 hours)
DALI Compatibility	: Yes
ON/OFF	: Yes



## UNINTERRUPTED LINEAR LED LIGHTING SYSTEM



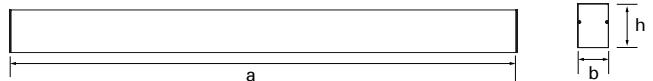
*STL can be used as a single module to illuminate your work spaces or used to establish uninterrupted lines of light. The STL product family provides, without any efficiencies, all your illumination requirements that architecture requires both from technical and aesthetic aspects.*



### Technical Specifications

Housing	: Aluminium extrusion housing and injection cap
Optical	: Exclusively manufactured highly permeable diffuser with anti glare
Light Source	: Mid Power LED
Power	: 8 W - 13 W (60 cm) / 12 W - 24 W (90 cm) / 15 W - 33 W (120 cm) 20 W - 37 W (150 cm) / 24 W - 48 W (180 cm)
Lumen	: 790.9 lm / 1295.1 lm / 1171.3 / 2381 lm / 1582 lm 3173.9 lm / 2067.9 lm / 3733.7 lm / 2446.7 lm / 4648.1 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: 2700K / 3000K / 4000K
CRI	: >80
IP	: IP40
Installation	: Recessed / Surface mounted / Pendant
Colors	: RAL 9005 / RAL 7047

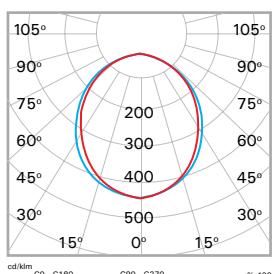
### Technical Drawing



Measurements of Ceiling Section

8.9 W - 12.9 W	Single module	615mm x 79mm
11.9 W - 23.9 W	Single module	915mm x 79mm
15.3 W - 32.7 W	Single module	1215mm x 79mm
19 W - 37.1 W	Single module	1515mm x 79mm
23.5 W - 47.5 W	Single module	1815mm x 79mm

### Photometric Curve



### Dimensions (mm)

Surface Mounted-Pendant Models      Recessed Models

#### BS-SN Models

	a	b	h
8.9 W - 12.9 W	610	70	86
11.9 W - 23.9 W	909	70	86
15.3 W - 32.7 W	1209	70	86
19 W - 37.1 W	1508.5	70	86
23.5 W - 47.5 W	1808	70	86

#### BS-SN Models

	a	b	h
8.9 W - 12.9 W	612	86	120
11.9 W - 23.9 W	910	86	120
15.3 W - 32.7 W	1211	86	120
19 W - 37.1 W	1510	86	120
23.5 W - 47.5 W	1810	86	120

#### Single Models

	a	b	h
8.9 W - 12.9 W	618	70	86
11.9 W - 23.9 W	917.5	70	86
15.3 W - 32.7 W	1217	70	86
19 W - 37.1 W	1516.5	70	86
23.5 W - 47.5 W	1816	70	86

#### Single Models

	a	b	h
8.9 W - 12.9 W	626	86	120
11.9 W - 23.9 W	925.5	86	120
15.3 W - 32.7 W	1224	86	120
19 W - 37.1 W	1525	86	120
23.5 W - 47.5 W	1825	86	120

### Options

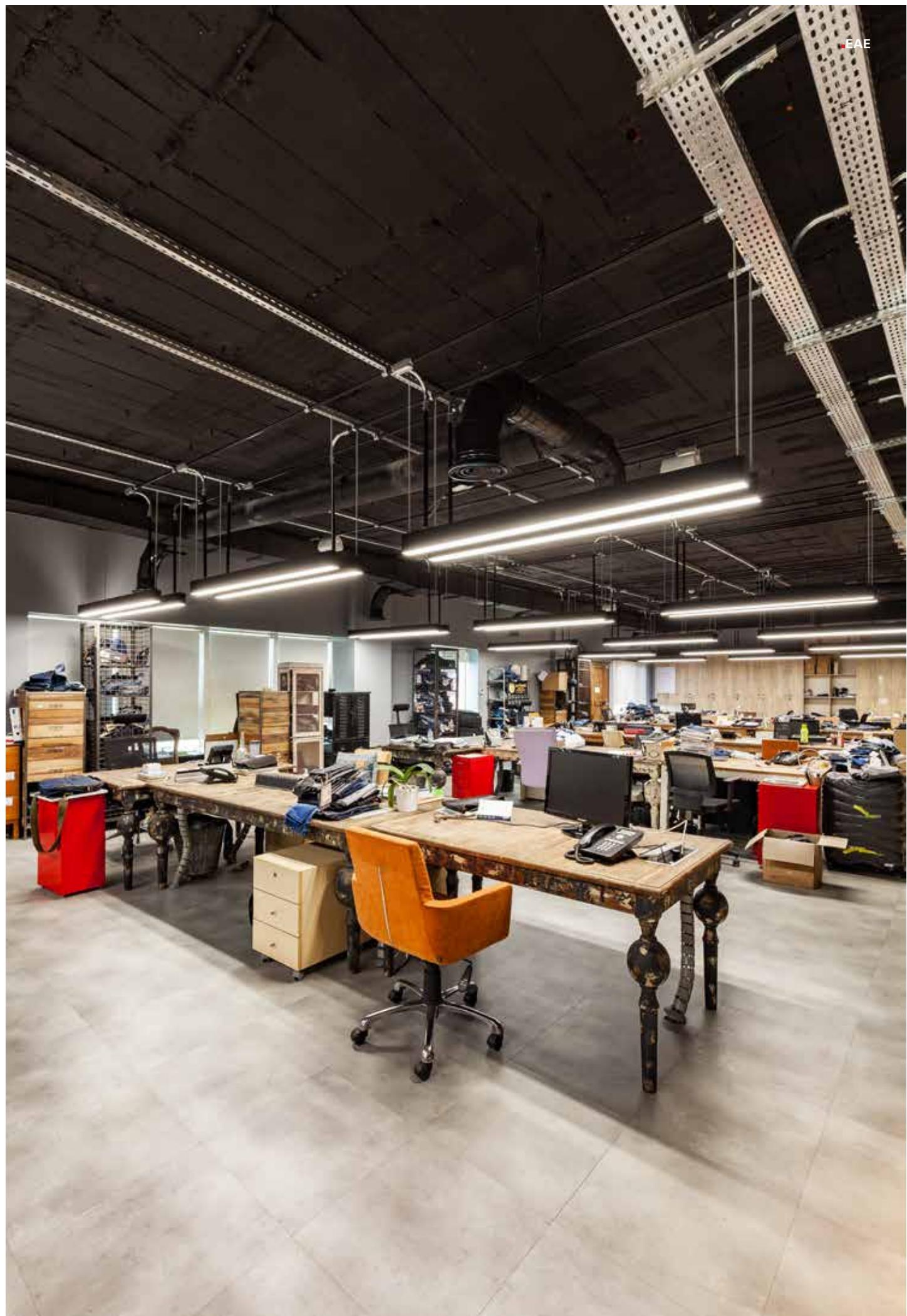
Emergency Kit	: Yes (1-3 hours)
DALI Compatibility	: Yes
ON/OFF	: Yes

#### Intermediate Models

	a	b	h
8.9 W - 12.9 W	602	70	86
11.9 W - 23.9 W	901.5	70	86
15.3 W - 32.7 W	1201	70	86
19 W - 37.1 W	1500	70	86
23.5 W - 47.5 W	1800	70	86

#### Intermediate Models

	a	b	h
8.9 W - 12.9 W	602	86	120
11.9 W - 23.9 W	901.5	86	120
15.3 W - 32.7 W	1201	86	120
19 W - 37.1 W	1500.5	86	120
23.5 W - 47.5 W	1800	86	120



# STL MICRO PRISMATIC DIFFUSER

UNINTERRUPTED LINEAR LED LIGHTING SYSTEM



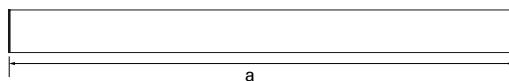
*STL MICRO PRISMATIC DIFFUSER provides flexibility, ergonomics and maximum comfort with linear illumination with a revised profile, body and micro prismatic diffuser. The homogenous light emitted directly from the 50mm wide micro diffuser completes all the lighting requirements of the architect.*



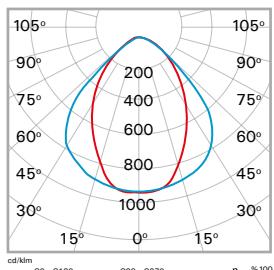
## Technical Specifications

Housing	: Aluminium extrusion housing and aluminium injection cap
Optical	: Exclusively manufactured highly permeable diffuser with anti glare
Light Source	: Mid Power LED
Power	: 8 W - 13 W (60 cm) / 12 W - 24 W (90 cm) / 15 W - 33 W (120 cm) 20 W - 37 W (150 cm) / 24 W - 48 W (180 cm)
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: 2700K / 3000K / 4000K
CRI	: >80
IP	: IP40
Installation	: Pendant
Colors	: RAL 9005 / RAL 7047

## Technical Drawing



## Photometric Curve



## Dimensions (mm)

### Surface Mounted-Pendant Models

#### BS-SN Models

	a	b	h
8.9 W - 12.9 W	610	70	86
11.9 W - 23.9 W	909	70	86
15.3 W - 32.7 W	1209	70	86
19 W - 37.1 W	1508,5	70	86
23.5 W - 47.5 W	1808	70	86

#### Single Models

	a	b	h
8.9 W - 12.9 W	618	70	86
11.9 W - 23.9 W	917,5	70	86
15.3 W - 32.7 W	1217	70	86
19 W - 37.1 W	1516,5	70	86
23.5 W - 47.5 W	1816	70	86

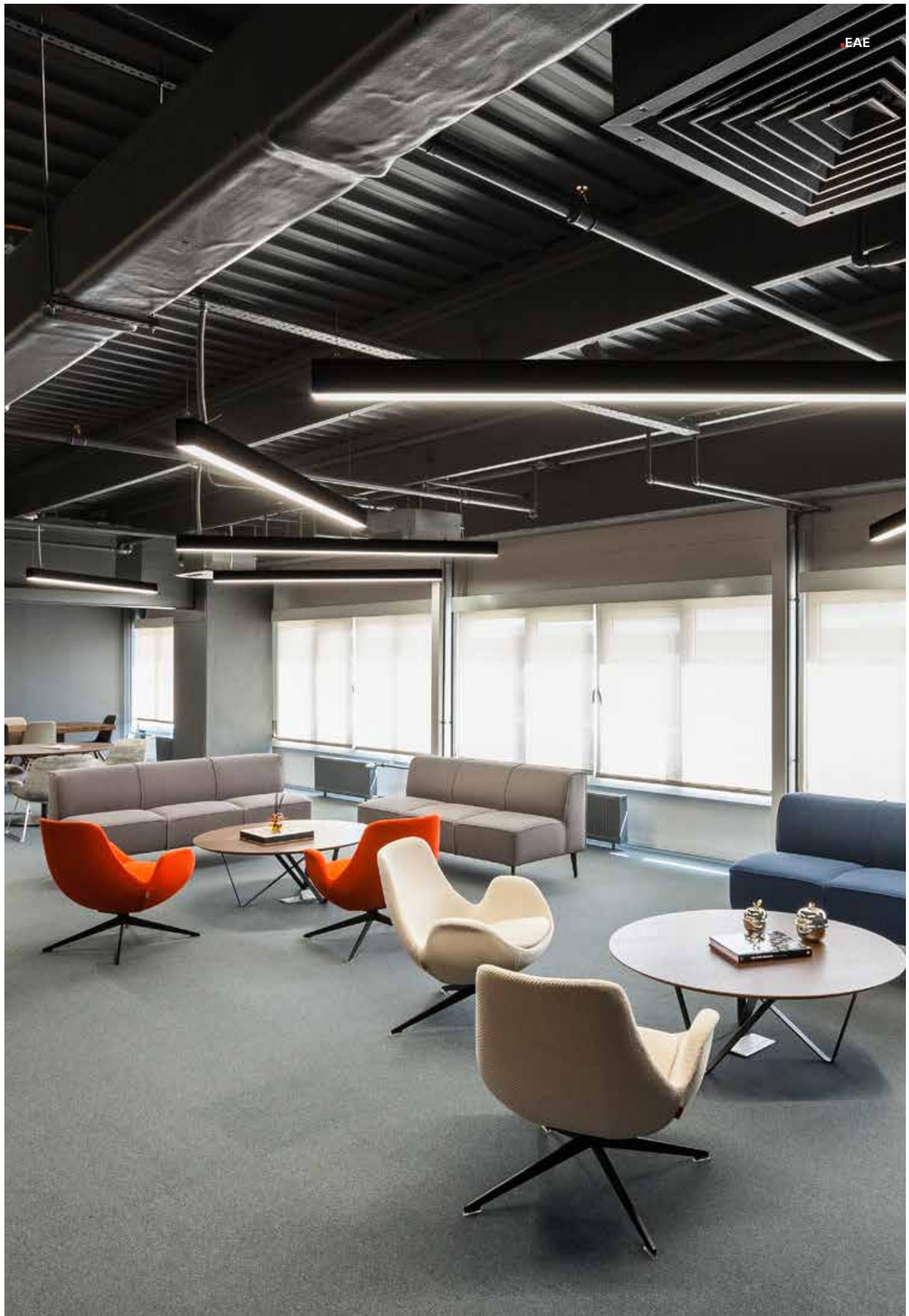
#### Intermediate Models

	a	b	h
8.9 W - 12.9 W	602	70	86
11.9 W - 23.9 W	901,5	70	86
15.3 W - 32.7 W	1201	70	86
19 W - 37.1 W	1500	70	86
23.5 W - 47.5 W	1800	70	86

## Options

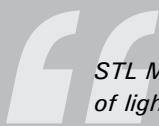
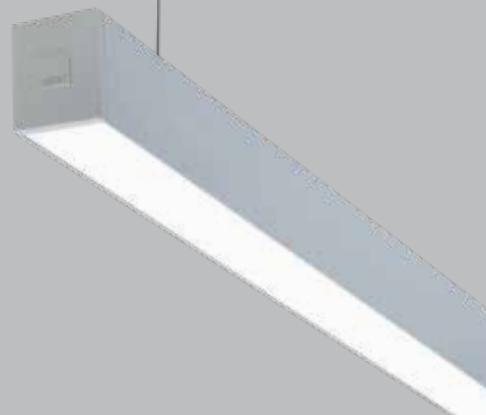
Emergency Kit	: Yes (1-3 hours)
DALI Compatibility	: Yes
ON/OFF	: Yes





# STL MINI

## UNINTERRUPTED LINEAR LED LIGHTING SYSTEM



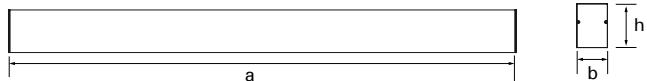
**STL MINI**, It can be used as a single module to illuminate your work spaces or used to establish uninterrupted lines of light. The STL product family provides, without any efficiencies, all your illumination requirements that architecture requires both from technical and aesthetic aspects.



### Technical Specifications

Housing	: Aluminium extrusion body and aluminium injection cap
Optical	: Exclusively manufactured highly permeable diffuser with anti glare
Light Source	: Mid Power LED
Power	: 8 W / 12 W / 13 W / 15 W / 20 W / 24 W / 31 W 33 W / 48 W
Lumen	: 807.3 lm / 1364 lm / 1215.8 lm / 2435.9 lm / 1576.9 lm 3447 lm / 2109.5 lm / 3069.9 lm / 2442.2 lm / 4645.2 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: 2700K / 3000K / 4000K
CRI	: > 80
IP	: IP40
Installation	: Recessed / Surface mounted / Pendant
Colors	: RAL 9005 / RAL 7047

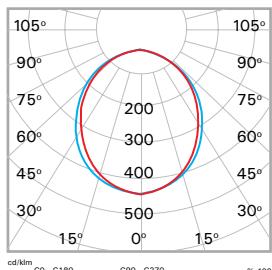
### Technical Drawing



Measurements of Ceiling Section

8.8 W - 13.1 W	Single module	615mm x 58mm
12 W - 24.1 W	Single module	911mm x 58mm
15.6 W - 33.1 W	Single module	1211mm x 58mm
19.3 W - 31.5 W	Single module	1510mm x 58mm
23.5 W - 47.5 W	Single module	1810mm x 58mm

### Photometric Curve



### Options

Emergency Kit	: Yes (1-3 hours)
DALI Compatibility	: Yes
ON/OFF	: Yes

### Dimensions (mm)

Surface Mounted-Pendant Models	Recessed Models
<b>BS-SN Models</b>	<b>BS-SN Models</b>
a	a
8.8 W - 13.1 W 610	8.8 W - 13.1 W 612
12 W - 24.1 W 909	12 W - 24.1 W 911
15.6 W - 33.1 W 1209	15.6 W - 33.1 W 1211
19.3 W - 31.5 W 1508.5	19.3 W - 31.5 W 1510
23.2 W - 47.8 W 1808	23.2 W - 47.8 W 1810
b	b
53	70
87	120
<b>Single Models</b>	<b>Single Models</b>
a	a
8.8 W - 13.1 W 622	8.8 W - 13.1 W 626
12 W - 24.1 W 921.5	12 W - 24.1 W 925
15.6 W - 33.1 W 1221	15.6 W - 33.1 W 1225
19.3 W - 31.5 W 1520.5	19.3 W - 31.5 W 1524
23.2 W - 47.8 W 1820	23.2 W - 47.8 W 1824
b	b
53	70
87	120
<b>Intermediate Models</b>	<b>Intermediate Models</b>
a	a
8.8 W - 13.1 W 602	8.8 W - 13.1 W 602
12 W - 24.1 W 901	12 W - 24.1 W 901.5
15.6 W - 33.1 W 1201	15.6 W - 33.1 W 1201
19.3 W - 31.5 W 1500	19.3 W - 31.5 W 1500
23.2 W - 47.8 W 1800	23.2 W - 47.8 W 1805
b	b
53	70
87	120





# STL DOMINO

## UNINTERRUPTED LINEAR LED LIGHTING SYSTEM



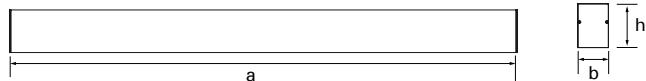
**STL DOMINO**, It can be used as a single module to illuminate your work spaces or used to establish uninterrupted lines of light. The STL product family provides, without any efficiencies, all your illumination requirements that architecture requires both from technical and aesthetic aspects.



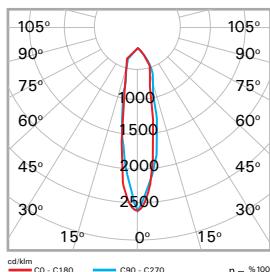
### Technical Specifications

Housing	: Aluminium extrusion body and aluminium injection cap
Optical	: 20° / 45° / 60° Lens / High efficiency reflector
Light Source	: Mid Power LED
Power	: 18 W / 19 W / 25 W / 18 W / 23 W 40 W / 34 W / 50 W / 36 W / 47 W / 51 W
Lumen	: (18 w) 2098 lm / (51 w) 6662 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: 3000K / 4000K
CRI	: >80
IP	: IP20
Installation	: Surface mounted / Pendant
Colors	: RAL 9005 / RAL 7047

### Technical Drawing



### Photometric Curve



### Dimensions (mm)

#### Surface Mounted-Pendant Models

BS-SN Models	a	b	h
18 W / 19 W / 25 W / 18 W / 23 W	1060,2	53	88,7
40 W / 34 W / 50 W / 36 W / 47 W / 51 W	2060,2	53	88,7

#### Single Models

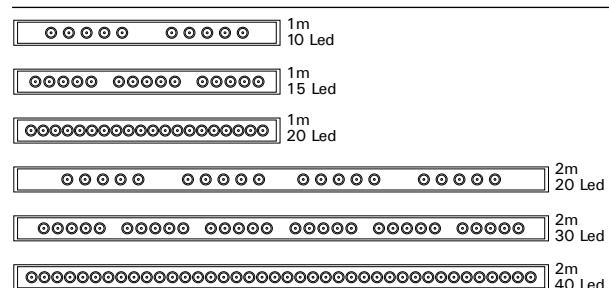
Single Models	a	b	h
18 W / 19 W / 25 W / 18 W / 23 W	1020,5	53	88,7
40 W / 34 W / 50 W / 36 W / 47 W / 51 W	2020,5	53	88,7

#### Intermediate Models

Intermediate Models	a	b	h
18 W / 19 W / 25 W / 18 W / 23 W	1050,2	53	88,7
40 W / 34 W / 50 W / 36 W / 47 W / 51 W	2050	53	88,7

### Options

Emergency Kit	: Yes (1-3 hours)
DALI Compatibility	: Yes
ON/OFF	: Yes



# STL PENDANT DIFFUSER

UNINTERRUPTED LINEAR LED LIGHTING SYSTEM



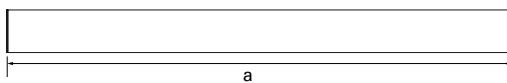
**STL PENDANT DIFFUSER** accompanies your contemporary dynamic business life that requires swiftness with its timeless design. It boasts minimized lines and a simplistic design. It can be used as a single module to illuminate your work spaces or used to establish uninterrupted lines of light. The STL product family provides, without any efficiencies, all your illumination requirements that architecture requires both from technical and aesthetic aspects.



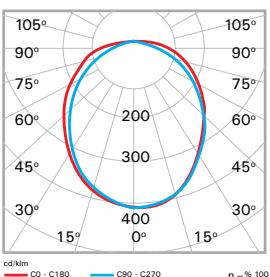
## Technical Specifications

Housing	: Aluminium extrusion body and aluminium injection cap
Optical	: Exclusively manufactured highly permeable diffuser with anti glare
Light Source	: Mid Power LED
Power	: 8 W / 12 W / 13 W / 16 W / 19 W / 23 W / 24 W / 33 W / 38 W / 48 W
Lumen	: 752.7 lm / 1240.5 lm / 1113 lm / 2218.7 lm / 1502.6 lm / 3076.8 lm / 1931.2 lm / 3522.5 lm / 2302.9 lm / 4525.7 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: 2700K / 3000K / 4000K
CRI	: >80
IP	: IP40
Installation	: Surface mounted / Pendant
Colors	: RAL 9005 / RAL 7047

## Technical Drawing



## Photometric Curve



## Dimensions (mm)

### Surface Mounted-Pendant Models

#### BS-SN Models

	a	b	h
8.9 W - 13.1 W	610	53	114
12 W - 24.2 W	909	53	114
15.8 W - 33.2 W	1209	53	114
19.1 W - 37.7 W	1508.5	53	114
23.1 W - 48.7 W	1808	53	114

#### Single Models

	a	b	h
8.9 W - 13.1 W	622	53	114
12 W - 24.2 W	921.5	53	114
15.3 W - 33.2 W	1221	53	114
19.1 W - 37.7 W	1520.5	53	114
23.1 W - 48.7 W	1820	53	114

#### Intermediate Models

	a	b	h
8.9 W - 13.1 W	602	53	114
12 W - 24.2 W	901	53	114
15.3 W - 33.2 W	1201	53	114
19.1 W - 37.7 W	1500	53	114
23.1 W - 48.7 W	1800	53	114

## Options

Emergency Kit	: Yes (1-3 hours)
DALI Compatibility	: Yes
ON/OFF	: Yes



# STL MICRO

## UNINTERRUPTED LINEAR LED LIGHTING SYSTEM



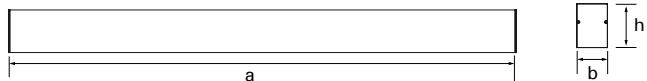
One of the new members of the STL product family, STL MICRO is ideal for the solution of small area lighting details with a square-cut housing structure, reduced to minimal dimensions. It complies with all lighting requirements of architecture with its 40mm wide opal diffuser directly radiating homogeneous light.



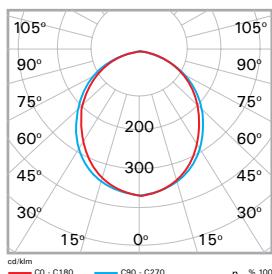
### Technical Specifications

Housing	: Aluminium extrusion body and aluminium injection cap
Optical	: Exclusively manufactured highly permeable diffuser with anti glare
Light Source	: Mid Power LED
Power	: 10.6 W / 15.9 W / 17.2 W / 21.2 W / 25.8 W / 26.5 W 31.8 W / 34.4 W / 43 W / 51.6 W
Lumen	: 718 lm / 1077 lm / 1171 lm / 1436 lm / 1756 lm / 1796 lm 2155 lm / 2341 lm / 2927 lm / 3512 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: 2700K / 3000K / 4000K
CRI	: >80
IP	: IP40
Installation	: Recessed / Surface mounted / Pendant
Colors	: RAL 9005 / RAL 7047

### Technical Drawing



### Photometric Curve



### Options

Emergency Kit	: Yes (1-3 hours)
DALI Compatibility	: Yes
ON/OFF	: Yes

### Dimensions (mm)

#### Surface Mounted-Pendant Models      Flush Mounted Models

BS-SN Models	a	b	h
10.6 W - 17.2 W	588	40	40
15.9 W - 25.8 W	880.5	40	40
21.2 W - 34.4 W	1173	40	40
26.5 W - 43 W	1465.5	40	40
31.8 W - 51.6 W	1756	40	40

BS-SN Models	a	b	h
10.6 W - 17.2 W	595	54	60
15.9 W - 25.8 W	887.5	54	60
21.2 W - 34.4 W	1180	54	60
26.5 W - 43 W	1472.5	54	60
31.8 W - 51.6 W	1765	54	60

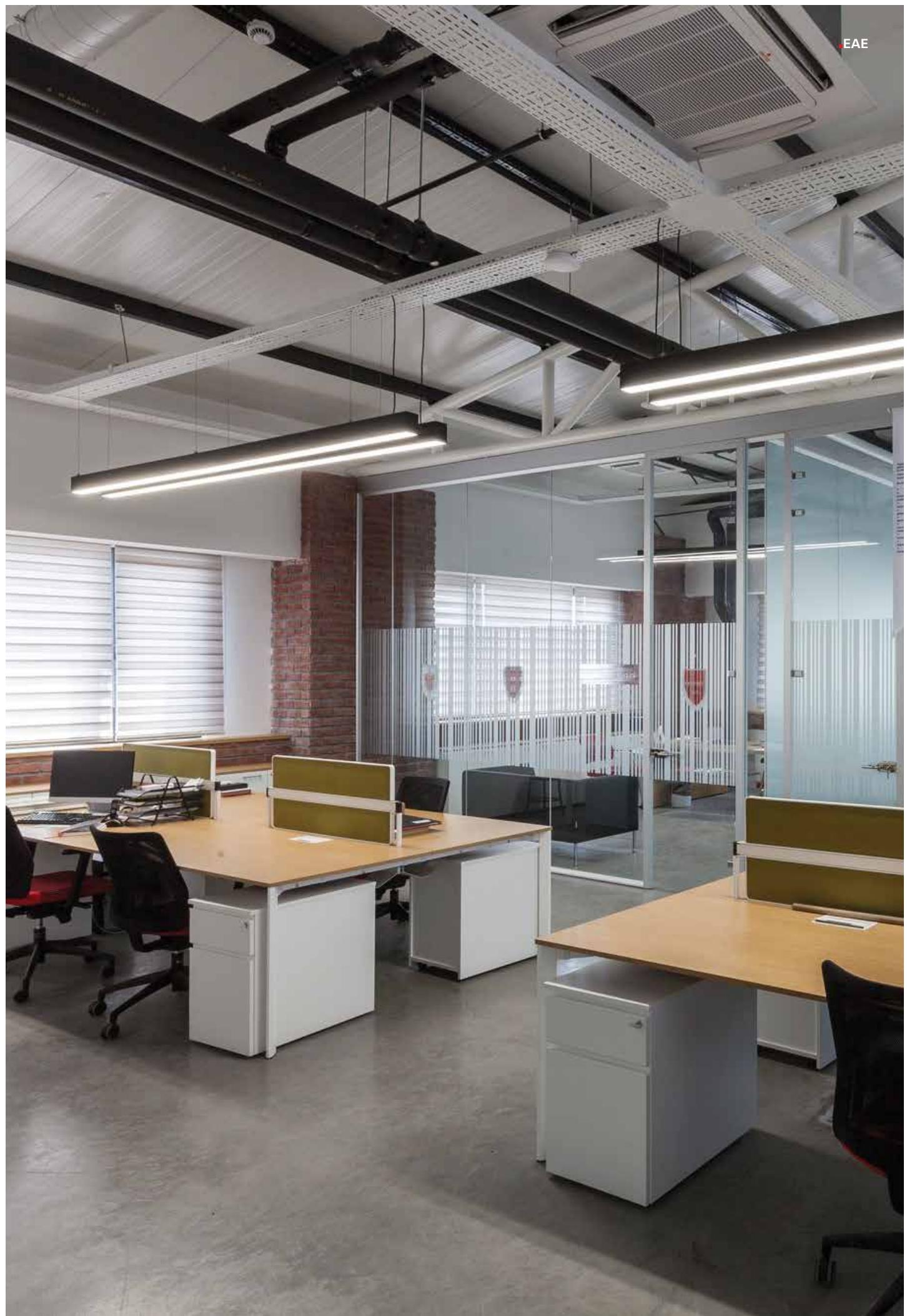
Single Models	a	b	h
10.6 W - 17.2 W	591	40	40
15.9 W - 25.8 W	883.5	70	40
21.2 W - 34.4 W	1176	40	40
26.5 W - 43 W	1468.5	40	40
31.8 W - 51.6 W	1761	40	40

Single Models	a	b	h
10.6 W - 17.2 W	605	54	60
15.9 W - 25.8 W	897.5	54	60
21.2 W - 34.4 W	1190	54	60
26.5 W - 43 W	1482.5	54	60
31.8 W - 51.6 W	1775	54	60

Intermediate Models	a	b	h
10.6 W - 17.2 W	585	40	40
15.9 W - 25.8 W	877.5	40	40
21.2 W - 34.4 W	1170	40	40
26.5 W - 43 W	1462.5	40	40
31.8 W - 51.6 W	1755	40	40

Intermediate Models	a	b	h
10.6 W - 17.2 W	585	54	60
15.9 W - 25.8 W	877.5	54	60
21.2 W - 34.4 W	1170	54	60
26.5 W - 43 W	1462.5	54	60
31.8 W - 51.6 W	1755	54	60





# YODA



## OFFICE LIGHTING LED LUMINAIRES

“

*YODA displays a simple but assertive stand with its precise lines and geometry that extends in three different directions from the center. Yoda adds flair to your surroundings by complementing your modern and dynamic indoor spaces.*

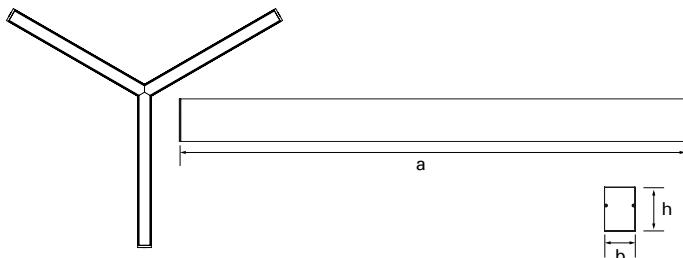
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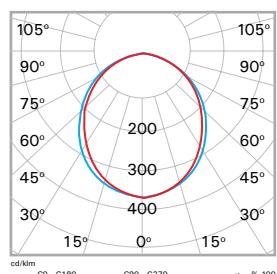
### Technical Specifications

Housing	: Aluminium extrusion housing and aluminium injection cap
Optical	: Opal diffuser
Light Source	: Mid Power LED
Power	: 23.7 W / 48.2 W
Lumen	: 2129 lm / 4207 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: 2700K / 3000K / 4000K
CRI	: >80
IP	: IP20
Installation	: Surface mounted / Pendant
Colors	: RAL 9005 / RAL 7047

### Technical Drawing



### Photometric Curve



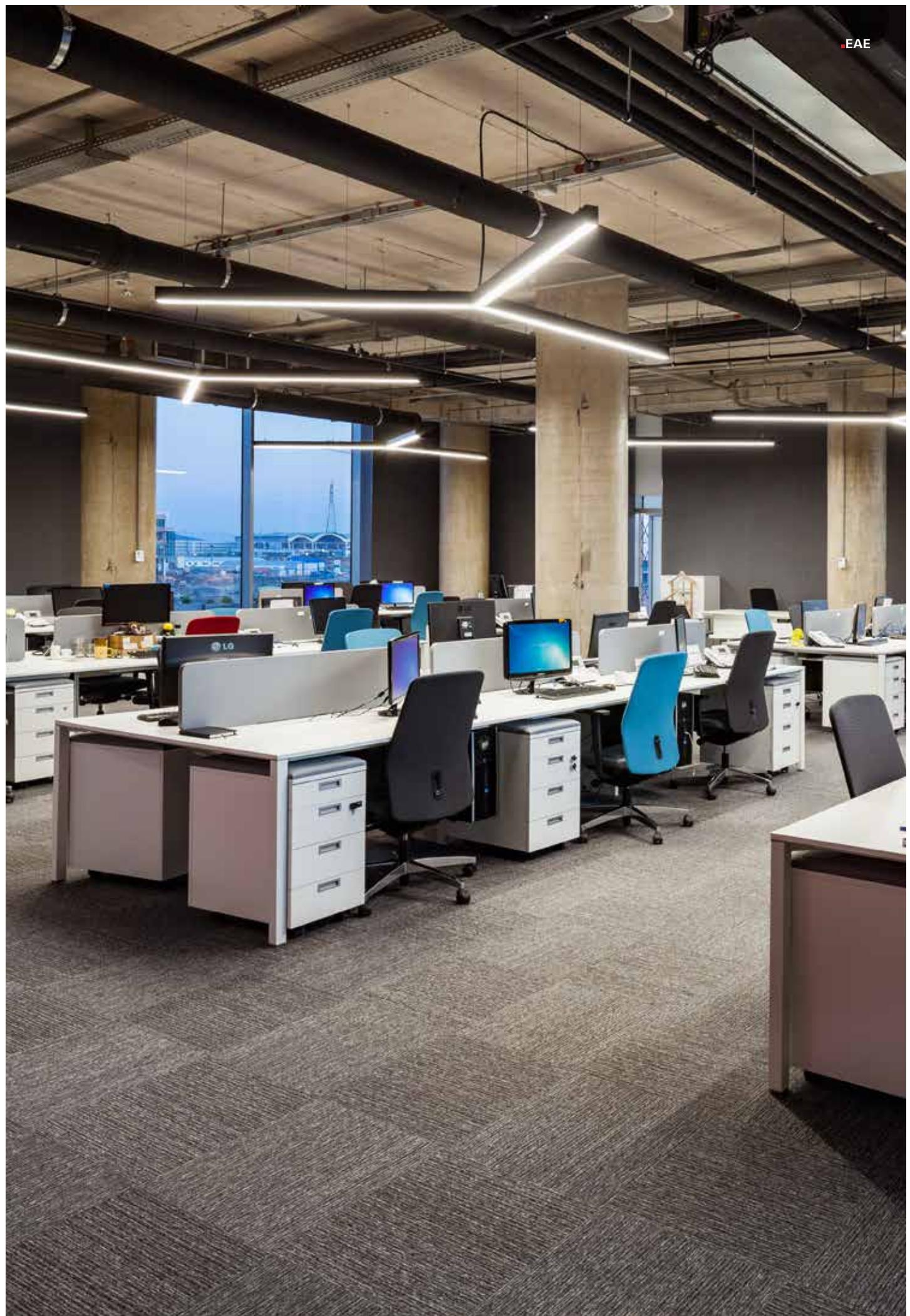
### Dimensions (mm)

a	b	h
593,2	53	85

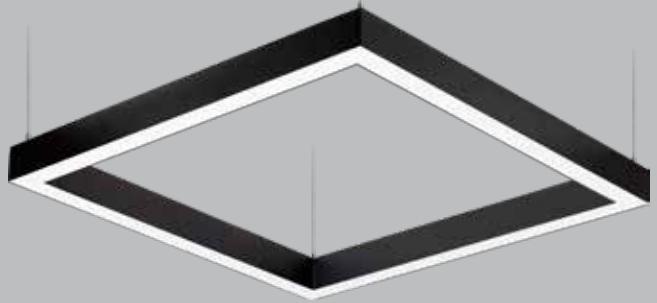
### Options

Emergency Kit	: Yes (1-3 hours)
DALI Compatibility	: Yes





# FRAME



## OFFICE LIGHTING LED LUMINAIRES

“

The FRAME of the luminaire, which is basically shaped in a square geometric form with its reduced light surface and sharp lines, adds dynamism to any of your indoor space it graces. The light is homogenously emitted from the opal acrylic diffuser and meets your lighting requirements in any and all types of your indoor spaces.

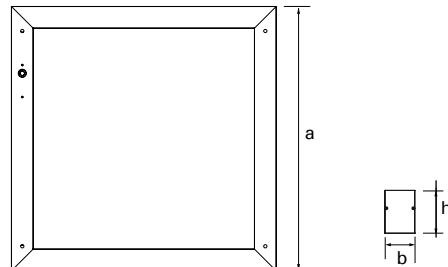
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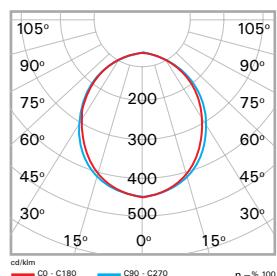
### Technical Specifications

Housing	: Aluminium extrusion housing
Optical	: Glare minimizing highly permeable diffuser
Light Source	: Mid Power LED
Power	: 18.4 W / 38.9 W / 39 W / 39.5 W / 65.6W / 79.3 W
Lumen	: 2533 lm / 5461 lm / 5152 lm / 4993 lm / 8258 lm 9986 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: 2700K / 3000K / 4000K
CRI	: >80
IP	: IP20
Installation	: Pendant
Colors	: RAL 9005 RAL 7047

### Technical Drawing



### Photometric Curve



### Dimensions (mm)

Type	a	b	h
18.4 W / 39.5 W	658	658	105
39 W / 65.6 W	958	958	105
38.9 W / 79 W	1258	1258	105

### Options

Emergency Kit	: Yes (1-3 hours)
DALI Compatibility	: Yes





# RINGO

OFFICE LIGHTING LED LUMINAIRES



“

*RINGO, takes its place as essential part of modern places with its annular geometry and minimal body having clear ends. Its light spreading homogenously from opal diffuser, provides light with smooth transition in environment*

”

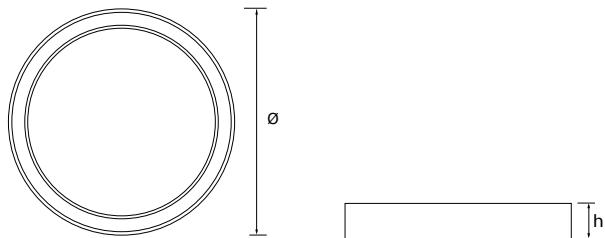


## Technical Specifications

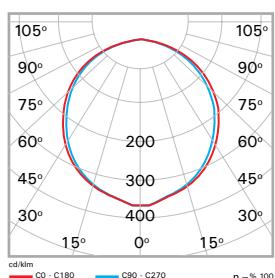
Housing	: Aluminium housing painted in electrostatic extrusion powder paint
Optical	: Glare controlled opal diffuser
Light Source	: Mid Power LED
Power	: 36 W / 54 W / 80 W / 85 W
Lumen	: 2520 lm / 3780 lm / 5343.2 lm / 5950 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white / Cool white
CRI	: >80
IP	: IP20
Installation	: Pendant
Colors	: RAL 9003 / RAL 9005

\* Technical specifications have ± %10 tolerance.

## Technical Drawing



## Photometric Curve



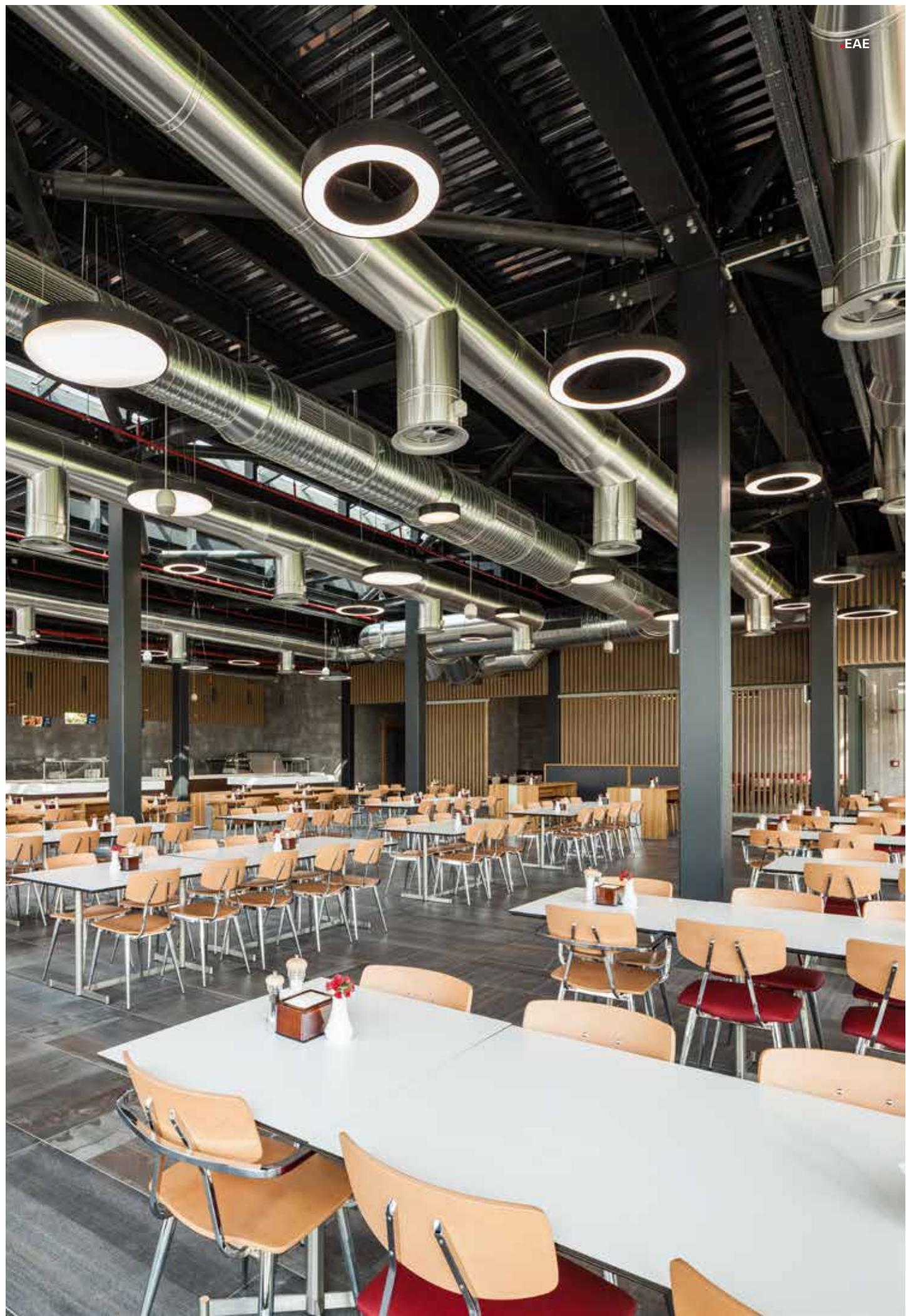
## Dimensions (mm)

	Ø	h
36 W	606	98
54 W	886	98
80 W	1206	98
85 W	1506	98

## Options

Emergency Kit	: Yes (1-3 hours)
---------------	-------------------





# NETA



## OFFICE LIGHTING LED LUMINAIRES

“

NETA adds a simple flair to your surroundings with its light effect and austere architectural design. It provides flexibility to occupants with its minimal rounded lines that reflect the requirements of a modern design.

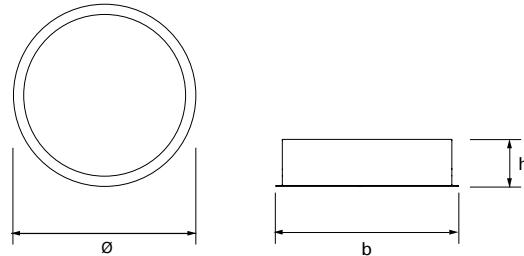
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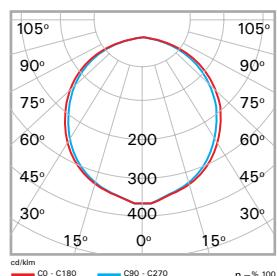
### Technical Specifications

Housing	: Aluminium housing painted in electrostatic extrusion powder paint
Diffuser	: Opal diffuser
Light Source	: SMD LED
Power	: 17 W / 23 W / 47 W / 95 W / 120 W
Lumen	: 1622 lm / 2375 lm / 5488 lm / 11889 lm / 15106 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white
CRI	: >80
IP	: IP20
Installation	: Recessed
Colors	: RAL 9010

### Technical Drawing



### Photometric Curve



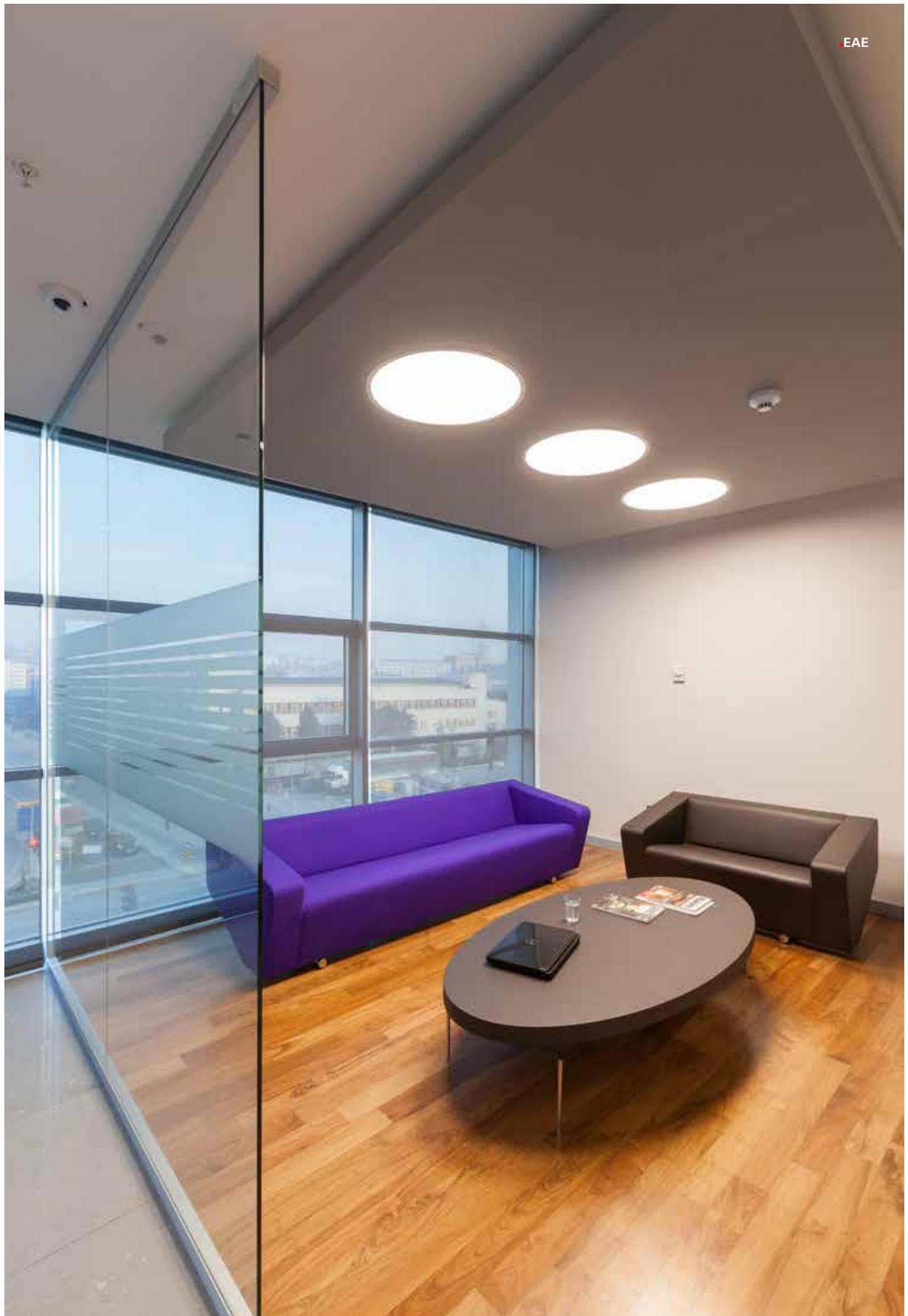
### Dimensions (mm)

Type	Ø	b	h
17 W	370	347	92
23 W	445	441	92
47 W	645	621	92
95 W	875	851	92
120 W	1195	1171	92

### Options

Emergency Kit	: Yes (1-3 hours)
DALI Compatibility	: Yes





# NETA

## OFFICE LIGHTING LED LUMINAIRES

“

NETA adds a simple flair to your surroundings with its light effect and austere architectural design. It provides flexibility to occupants with its minimal rounded lines that reflect the requirements of a modern design.

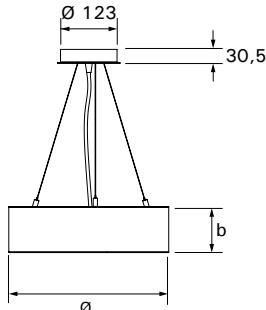
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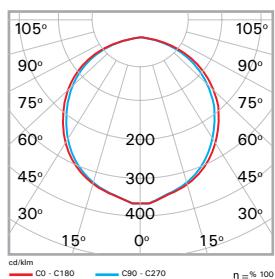
### Technical Specifications

Housing	: Aluminium housing painted in electrostatic extrusion powder paint
Diffuser	: Opal diffuser
Light Source	: SMD LED
Power	: 17 W / 23 W / 47 W / 95 W / 120 W
Lumen	: 1622 lm / 2375 lm / 5488 lm / 11889 lm / 15106 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white
CRI	: >80
IP	: IP20
Installation	: Surface mounted / Pendant
Colors	: RAL 9010

### Technical Drawing



### Photometric Curve



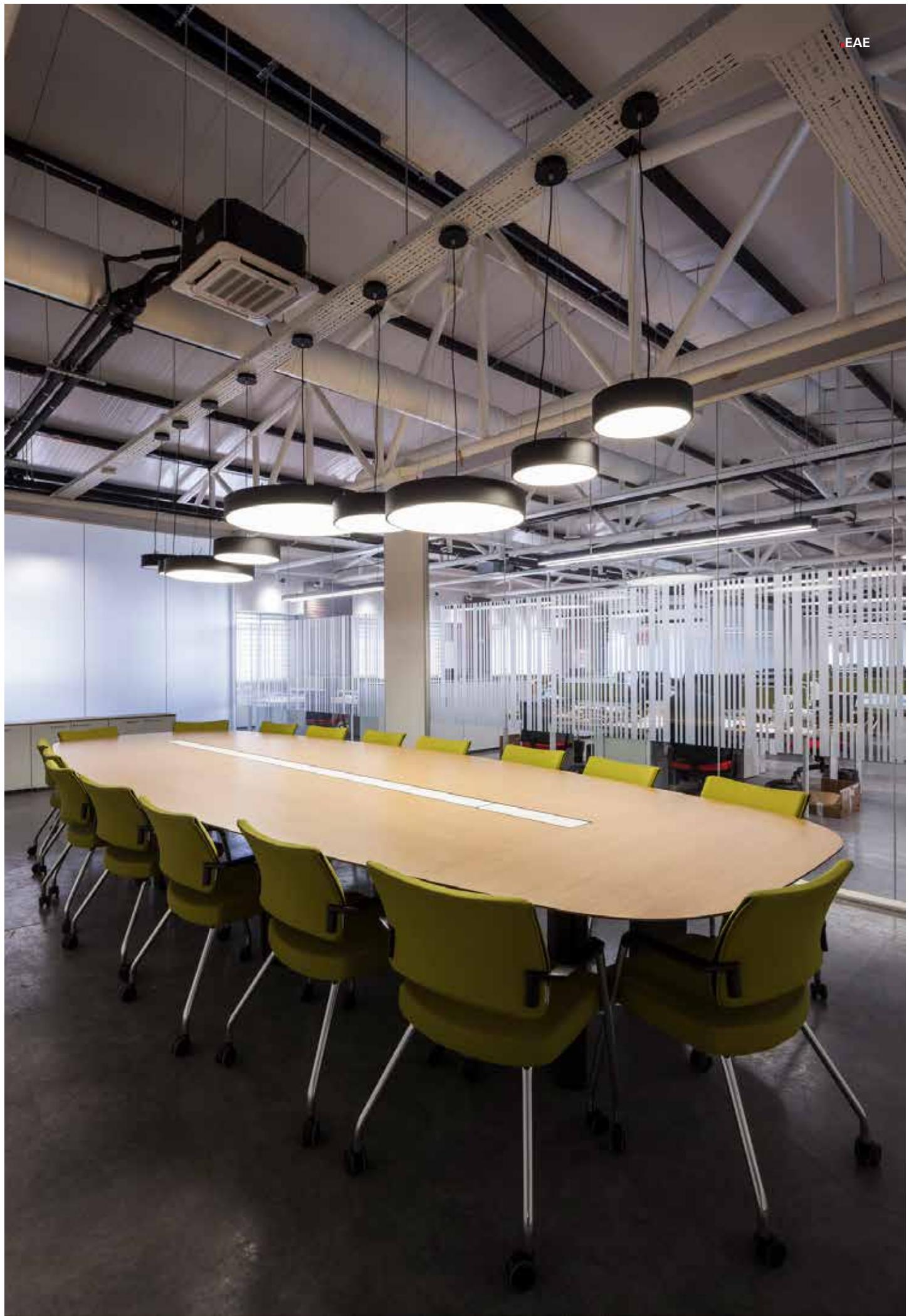
### Dimensions (mm)

Type	Ø	b
17 W	348	100
23 W	448	100
47 W	648	100
95 W	878	100
120 W	1200	100
176 W	1500	100

### Options

Emergency Kit	: Yes (1-3 hours)
DALI Compatibility	: Yes





# CUBIC



## OFFICE LIGHTING LED LUMINAIRES

“

*CUBIC, illuminates your environment with a homogenously dispersed light as it defines another horizontally flat surface in the space it occupies with its basic geometry and sharply defined lines. The light emitted from its opal diffuser is dispersed in your environment creating shadows that softly transition into each other.*

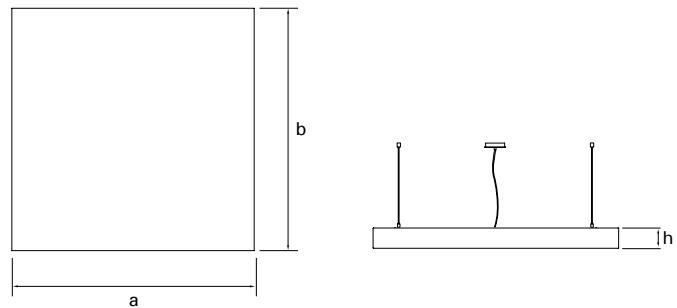
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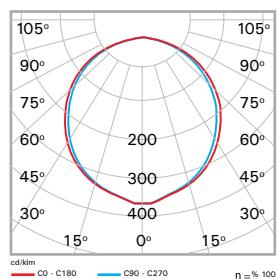
### Technical Specifications

Housing	: DKP sheet metal housing
Diffuser	: Opal diffuser
Light Source	: SMD LED
Power	: 30 W / 134 W
Lumen	: 3509 lm / 14586 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white / Cool white
CRI	: >80
IP	: IP20 (Surface mounted) / IP65 (Pendant)
Installation	: Surface mounted / Pendant
Colors	: RAL 9004 / RAL 9010

### Technical Drawing



### Photometric Curve



### Dimensions (mm)

Type	a	b	h
30 W	525	525	75
134 W	925	925	81

### Options

Emergency Kit	: Yes (1-3 hours)
IP Class	: IP20 / IP65



# HEXAGEN

OFFICE LIGHTING LED LUMINAIRES



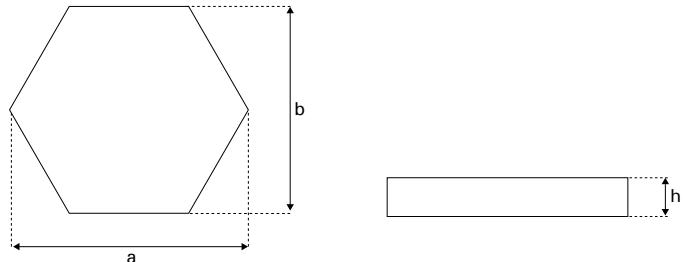
*HEXAGEN's basic hexagonal form designed from the outline, without detailing minimal body design; Accompanied by a simple and modern architectural language. The light originates and radiates from its opal diffuser and forms soft-glowing shadows.*



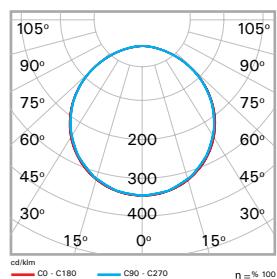
## Technical Specifications

Housing	: Sheet metal housing
Diffuser	: Glare controlled opal diffuser
Light Source	: SMD LED
Power	: 26 W / 45 W
Lumen	: 6189 lm / 8963 lm / 11889 lm / 13913 lm / 15926 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Natural white / Cool white
CRI	: >80
IP	: IP20
Installation	: Surface mounted / Pendant
Colors	: RAL 9005 / RAL 7047

## Technical Drawing



## Photometric Curve



## Dimensions (mm)

a	b	h
672	582	110

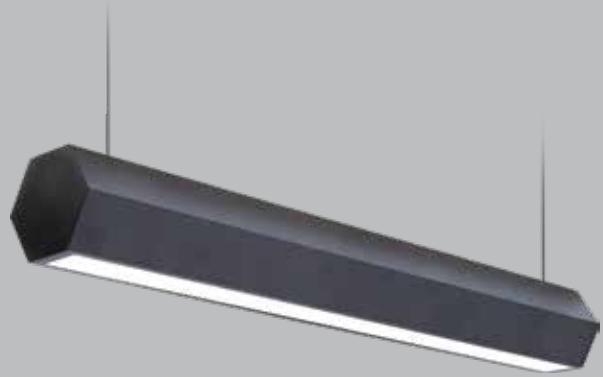
## Options

DALI Compatibility : Yes



# HEXAGEN LINE

## OFFICE LIGHTING LED LUMINAIRES



“

*It is used as a complementary product in areas where HEXAGEN LINE is installed and provides regional lighting. The light originates and radiates from its opal diffuser and forms soft-glowing shadows.*

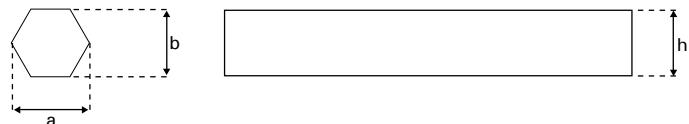
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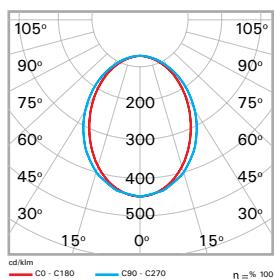
### Technical Specifications

Housing	: Sheet metal housing
Diffuser	: Glare controlled opal diffuser
Light Source	: SMD LED
Power	: 10 W / 14 W / 20 W / 27 W
Lumen	1601 lm / 2160 lm / 806 lm / 1120 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white / Cool white
CRI	: >80
IP	: IP20
Installation	: Pendant
Colors	: RAL 9005 / RAL 7047

### Technical Drawing



### Photometric Curve



### Dimensions (mm)

a	b	h
129	111.5	925

### Options

DALI Compatibility	: Yes
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# PANLED



## OFFICE LIGHTING LED LUMINAIRES

“

PANLED, with its minimally adorned design, housing displaying a clean-cut finish, homogenous light dispersion via its opal diffuser is ideal for the illumination of offices, hospitals, schools and retail spaces. You can adapt surfaces of light that are defined in varied dimensions to modular ceiling types.

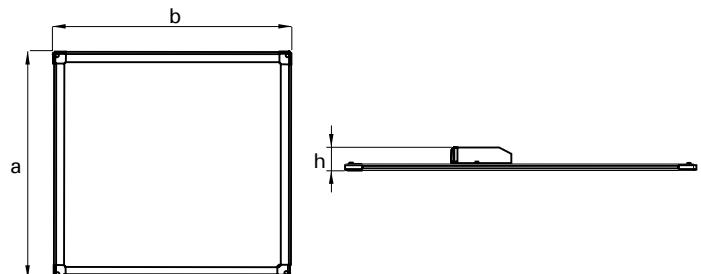
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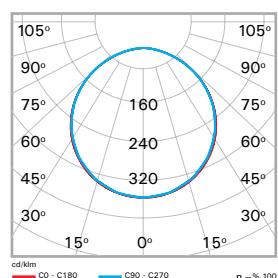
### Technical Specifications

Housing	: Aluminium housing
Diffuser	: Opal diffuser
Light Source	: Mid Power LED
Power	: 27 W
Lumen	: 3310 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white / Cool white
CRI	: >80
IP	: IP20
Installation	: Recessed

### Technical Drawing



### Photometric Curve



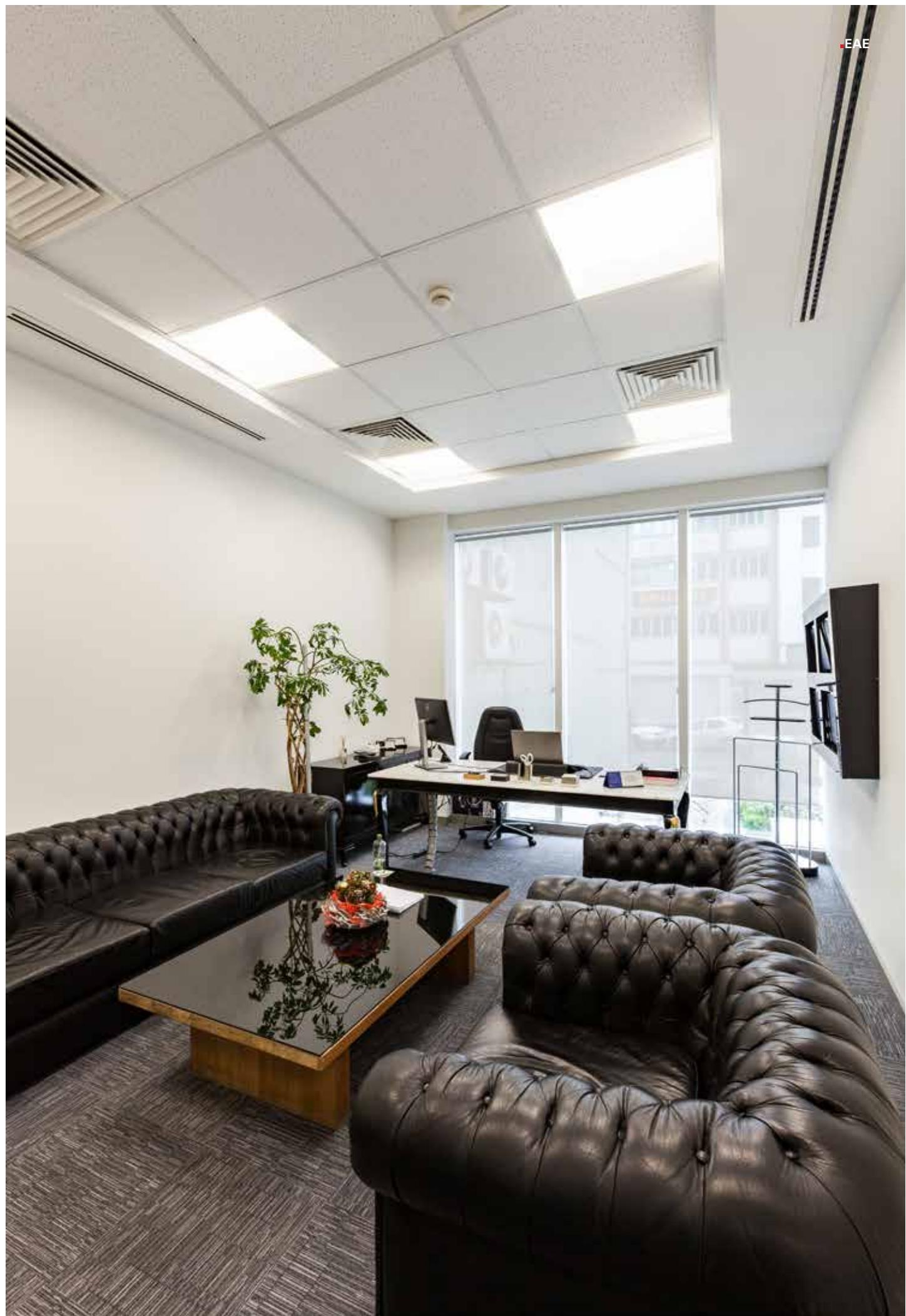
### Dimensions (mm)

a	b	h
595	595	42

### Options

Color Temp. : 3000K / 5700K





# BLOOM

## OFFICE LIGHTING LED LUMINAIRES



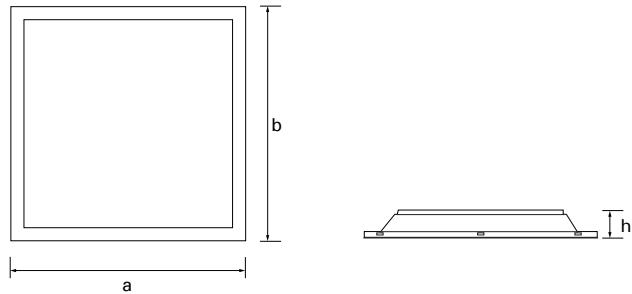
*BLOOM, with its minimally adorned design, housing displaying a clean-cut finish, glare-free homogenous light dispersion via its opal diffuser is ideal for the illumination of offices, hospitals, schools and retail spaces. You can adapt surfaces of light that are defined in varied dimensions to modular ceiling types.*



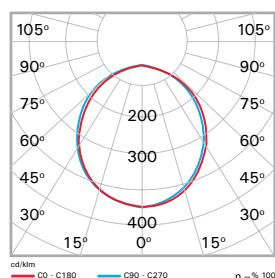
### Technical Specifications

Housing	: Sheet metal housing
Diffuser	: Opal diffuser
Light Source	: SMD LED
Power	: (60x60 HE) 25 W, 29 W, 38 W, 53 W / (60x60 ECO) 26 W (30x30) 18 W / (30x60) 18 W / (30x90) 30 W (30x120) 32 W, 42 W / (15x120) 18 W (60x120) 30 W, 59 W, 68 W
Lumen	: (60x60 HE) 3120.5 lm / 4492.9 lm / 3597.1 lm / 6127.6 lm (60x60 ECO) 2724.4 lm / (30x30) 1355.9 lm (30x60) 1718.9 lm / (30x90) 3181.9 lm (30x120) 2875.9 lm / 4595.9 lm / (15x120) 2397.5 lm (60x120) 3463.1 lm / 5537.2 lm / 7626.7 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white / Cool white
CRI	: >80
IP	: IP20 / IP40
Installation	: Recessed
Colors	: RAL 9003

### Technical Drawing



### Photometric Curve



### Dimensions (mm)

Type	a	b	h
30x30	295	295	59
30x60	595	295	87
30x90	300	900	100
30x120	295	1195	100
15x120	146	1196	87
60x60	595	595	77
60x120	595	1195	90

Measurements of Ceiling Section		
30x30	275mm x 275mm	
30x60	275mm x 575mm	
30x90	275mm x 875mm	
30x120	254mm x 1154mm	
15x120	120mm x 1170mm	
60x60	575mm x 575mm	
60x120	575mm x 1175mm	

### Options

Suspended Ceiling Compatibility	: Plasterboard / Clip-in / Lay-in Surface mounted / Acoustic
DALI Compatibility	: Yes
KAM Compatibility	: Yes
Emergency Kit	: Yes (1-3 hours)





# BLOOM KM



## OFFICE LIGHTING LED LUMINAIRES

“

*BLOOM KM is ideal for use in high quality projects where the visual comfort plays a significant role. While the special production micro prismatic diffuser designed in different textures provides the sufficient level of illumination, it also ensures high level of visual comfort.*

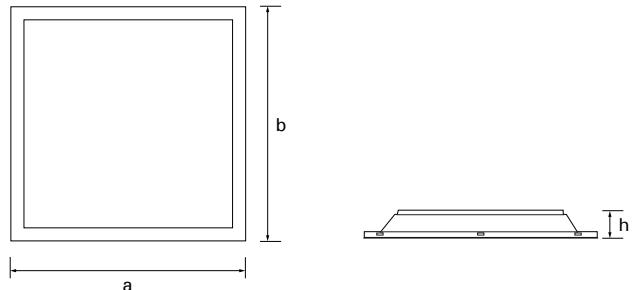
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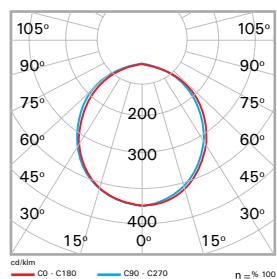
### Technical Specifications

Housing	: 0,40mm DKP housing
Diffuser	: Opal / Micro prisma diffuser
Light Source	: SMD LED
Power	: 25 W / 26 W
Lumen	: 2907 lm / 2616 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white / Cool white
CRI	: >80
IP	: IP20 / IP40
Installation	: Recessed
Colors	: RAL 9003

### Technical Drawing



### Photometric Curve



### Dimensions (mm)

Type	a	b	h	Measurements of Ceiling Section
60x60	595	595	77	60x60 575mm x 575mm

### Options

MP Diffuser Options	: Circo / Dot / Zigzag
Suspended Ceiling Compatibility	: Plasterboard / Rockwool / Clip-in
Emergency Kit	: Yes
DALI Compatibility	: Yes
DALI / Emergency Kit	: Yes





EAE

# BLOOM



## OFFICE LIGHTING LED LUMINAIRES

“

**BLOOM**, is ideal for the illumination of offices, hospitals, schools, and retail spaces with the light that spreads homogenously from its glare-controlled opal diffuser. It can satisfy your illumination needs for all types of interior spaces with its minimal housing design that has fine finishing.

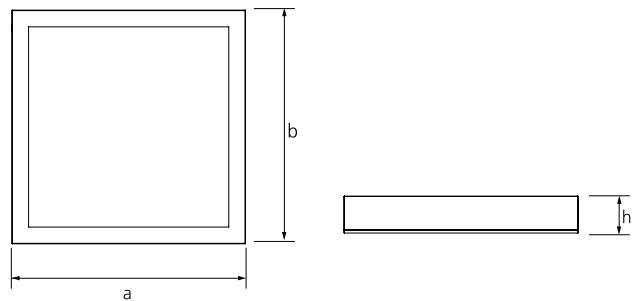
”



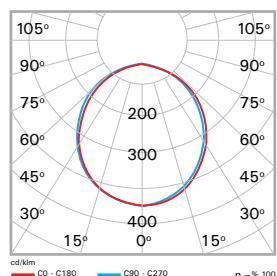
### Technical Specifications

Housing	: Sheet metal housing
Diffuser	: Opal diffuser
Light Source	: SMD LED
Power	: (30x30) 18 W / (30x60) 18 W / (30x120) 32 W (60x60 HE) 25 W / (60x60 ECO) 26 W / (60x60 SLIM) 26 W (60x60 HE) 38 W / (60x120) 70 W
Lumen	: 3120.5 lm / 4492.9 lm / 2724.4 lm / 2982 lm / 1355.9 lm / 1718.9 lm / 2875.9 lm / 7259.7 lm /
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white / Cool white
CRI	: >80
IP	: IP20 / IP40
Installation	: Surface mounted
Colors	: RAL 9003

### Technical Drawing



### Photometric Curve



### Dimensions (mm)

Type	a	b	h
30x30	295	295	59
30x60	595	295	87
30x120	1195	295	100
60x60	595	595	77
60x120	1195	595	100

#### Measurements of Ceiling Section

30x30	275mm x 275mm
30x60	275mm x 575mm
30x120	254mm x 1154mm
60x60	575mm x 575mm
60x120	575mm x 1175mm

### Options

Suspended Ceiling Compatibility	: Plasterboard / Rockwool Clip-in / Acoustic / Lay-in
DALI Compatibility	: Yes
Emergency Kit	: Yes (1-3 hours)
KAM Compatibility	: Yes



# BLOOM SLIM



## OFFICE LIGHTING LED LUMINAIRES

“

**BLOOM SLIM**, is ideal for the illumination of offices, hospitals, schools, and retail spaces with the light that spreads homogenously from its glare-controlled opal diffuser. It can satisfy your illumination needs for all types of interior spaces with its minimal housing design that has fine finishing.

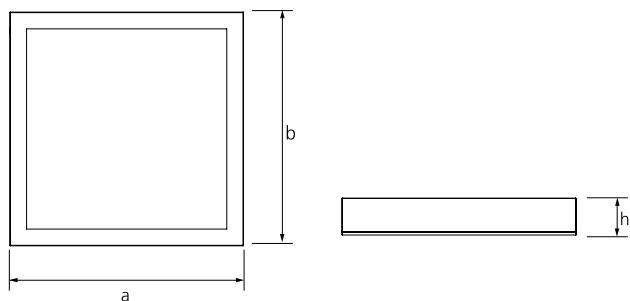
”



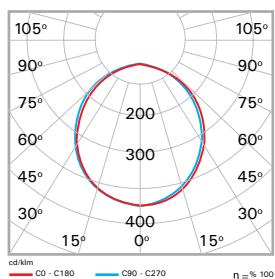
### Technical Specifications

Housing	: Sheet metal housing
Diffuser	: Opal diffuser
Light Source	: SMD LED
Power	: (60x60) 26 W
Lumen	: 2630 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white / Cool white
CRI	: >80
IP	: IP20
Installation	: Surface mounted
Colors	: RAL 9003

### Technical Drawing



### Photometric Curve



### Dimensions (mm)

Type	a	b	h
60x60	597	597	56

### Options

DALI Compatibility	: Yes
Emergency Kit	: Yes (1-3 hours)



# BLOOM IP65

## OFFICE LIGHTING LED LUMINAIRES



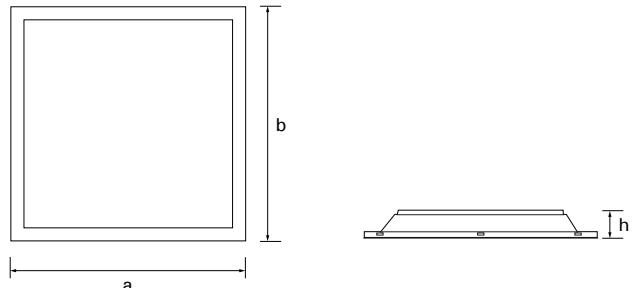
**BLOOM IP65**, provides ideal lighting solutions in line with standards in many spaces that are specifically required to be clean and hygienic such as medical products and materials production, operating rooms and intensive care units.



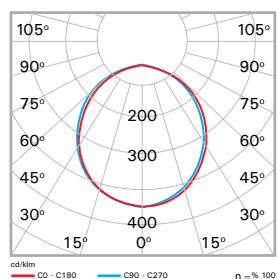
### Technical Specifications

Housing	: DKP sheet metal housing
Diffuser	: Opal diffuser
Light Source	: SMD LED
Power	: (60x60) 25 W
Lumen	: 2875 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white / Cool white
CRI	: >80
IP	: IP65
Installation	: Recessed
Colors	: RAL 9003

### Technical Drawing



### Photometric Curve



### Dimensions (mm)

Type	a	b	h	Measurements of Ceiling Section
60x60	595	595	77	60x60 601mm x 601mm

### Options

Suspended Ceiling Compatibility	: Plasterboard / Rockwool / Clip-in
DALI Compatibility	: Yes
Emergency Kit	: Yes (1-3 hours)
KAM Compatibility	: Yes





# PUFIN

## OFFICE LIGHTING LED LUMINAIRES



“

PUFIN, is an ergonomic solution that provides maximum visual comfort for low energy consumption with product mounting feature, innovative optical design details and efficient led product infrastructure compatible with modular ceiling systems. The armature body with clean finishes containing innovative details takes place as a design element in the areas of use.

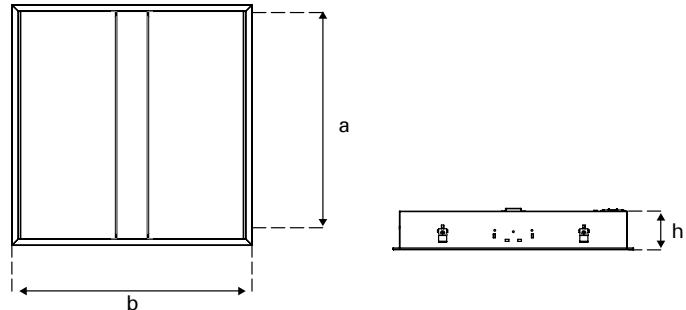


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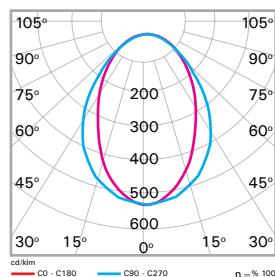
### Technical Specifications

Housing	: Metal housing
Diffuser	: Micro prisma / Opal / Reflector
Light Source	: Mid Power LED
Power	: 25 W / 30 W / 35 W
Lumen	
3000K	: 2676 lm / 3176 lm / 3656 lm
4000K	: 2752 lm / 3372 lm / 3827 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: 3000K / 4000K
CRI	: >80
IP	: IP20
Installation	: Recessed
Colors	: RAL 9003

### Technical Drawing



### Photometric Curve



### Dimensions (mm)

Type	a	b	h	Measurements of Ceiling Section
60x60	594	594	102	570mm x 570mm

### Options

Suspended Ceiling Compatibility	: Plasterboard / Clip-in
DALI Compatibility	: Yes
Emergency Kit	: Yes (1-3 hours)



# DOTY



## OFFICE LIGHTING LED LUMINAIRES



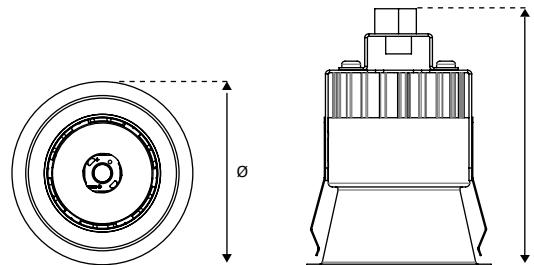
Designed for gypsum or ring ceilings, DOTY is ideal for regional lighting solutions where spot effects are required with reduced product dimensions to minimum. It does not create glare thanks to the light source located in the deep.



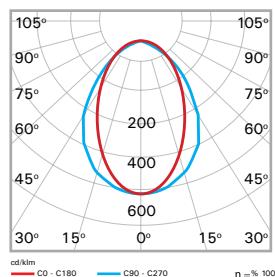
### Technical Specifications

Housing	: Aluminium housing
Optical	: 12° / 20° / 37° Reflector
Light Source	: SMD LED
Power	: 3 W / 5 W
Lumen	: 216 lm / 360 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Cool white
CRI	: >80
IP	: IP20
Installation	: Recessed / Metal ceiling
Colors	: RAL 9005 / RAL 7047

### Technical Drawing



### Photometric Curve



### Dimensions (mm)

Ø	h
68	102.5

### Options

DALI Compatibility	: Yes
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# FLEXBAR WHITE

FLEXIBLE CONCEALED LIGHTING SYSTEM



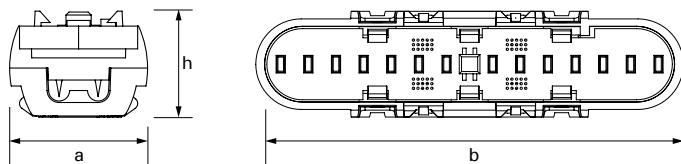
**FLEXBAR WHITE** is ideal for projects that require cost-efficiency and long-term use with its flexible structure that has given inspiration to numerous designs in concealed lighting applications. Its module based design makes it possible for you to increase and decrease the number of modules and obtain different lumen values.



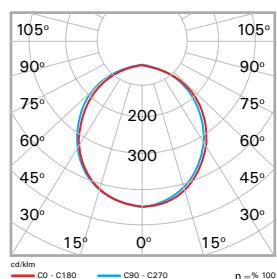
## Technical Specifications

Housing	: PC housing and cap
Diffuser	: Clear / Opal diffuser
Light Source	: SMD LED
Power	: 5 W/m / 7 W/m / 8 W/m / 14 W/m
Lumen	: 500 lm/m / 700 lm/m / 800 lm/m / 1400 lm/m
Input Voltage	: 24V DC
Color Temp.	: 2700K / 3000K / 4000K
CRI	: >80
IP	: IP20
Installation	: Surface mounted

## Technical Drawing



## Photometric Curve



## Dimensions (mm)

a	b	h
23	92	22

## Options

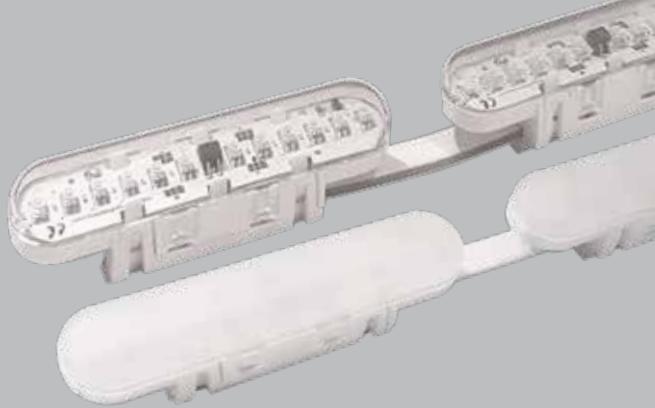
Length Options in meters	: 1m / 2m / 5m / 10m
Module Options	: 4 / 5 / 6 / 7 / 8 / 9
Emergency Kit	: Yes (1-3 hours)
DALI Compatibility	: Yes
ON/OFF	: Yes

\*Please contact our customer representative for different options.



# FLEXBAR MN-COLOR

FLEXIBLE CONCEALED LIGHTING SYSTEM



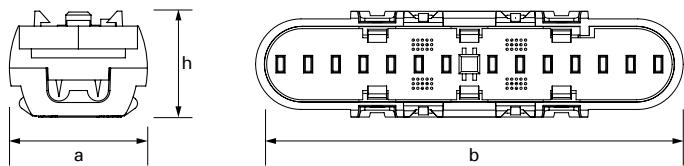
**FLEXBAR MN-COLOR** is ideal for projects that require cost-efficiency and long-term use with its flexible structure that has given inspiration to numerous designs in concealed lighting applications. Its module based design makes it possible for you to increase and decrease the number of modules and obtain different lumen values.



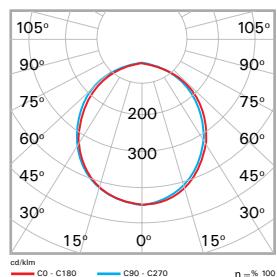
## Technical Specifications

Housing	: PC housing and cap
Diffuser	: Clear / Opal diffuser
Light Source	: SMD LED
Power	: 7.7 W/m (Amber-Red) / 7.3 W/m (Green-Blue)
Lumen	: 306 lm/m (Amber) / 306 lm/m (Red) / 540 lm/m (Green) / 135 lm/m (Blue)
Input Voltage	: 24V DC
Color Temp.	: Amber / Red / Green / Blue
CRI	: >80
IP	: IP20
Installation	: Surface mounted

## Technical Drawing



## Photometric Curve



## Dimensions (mm)

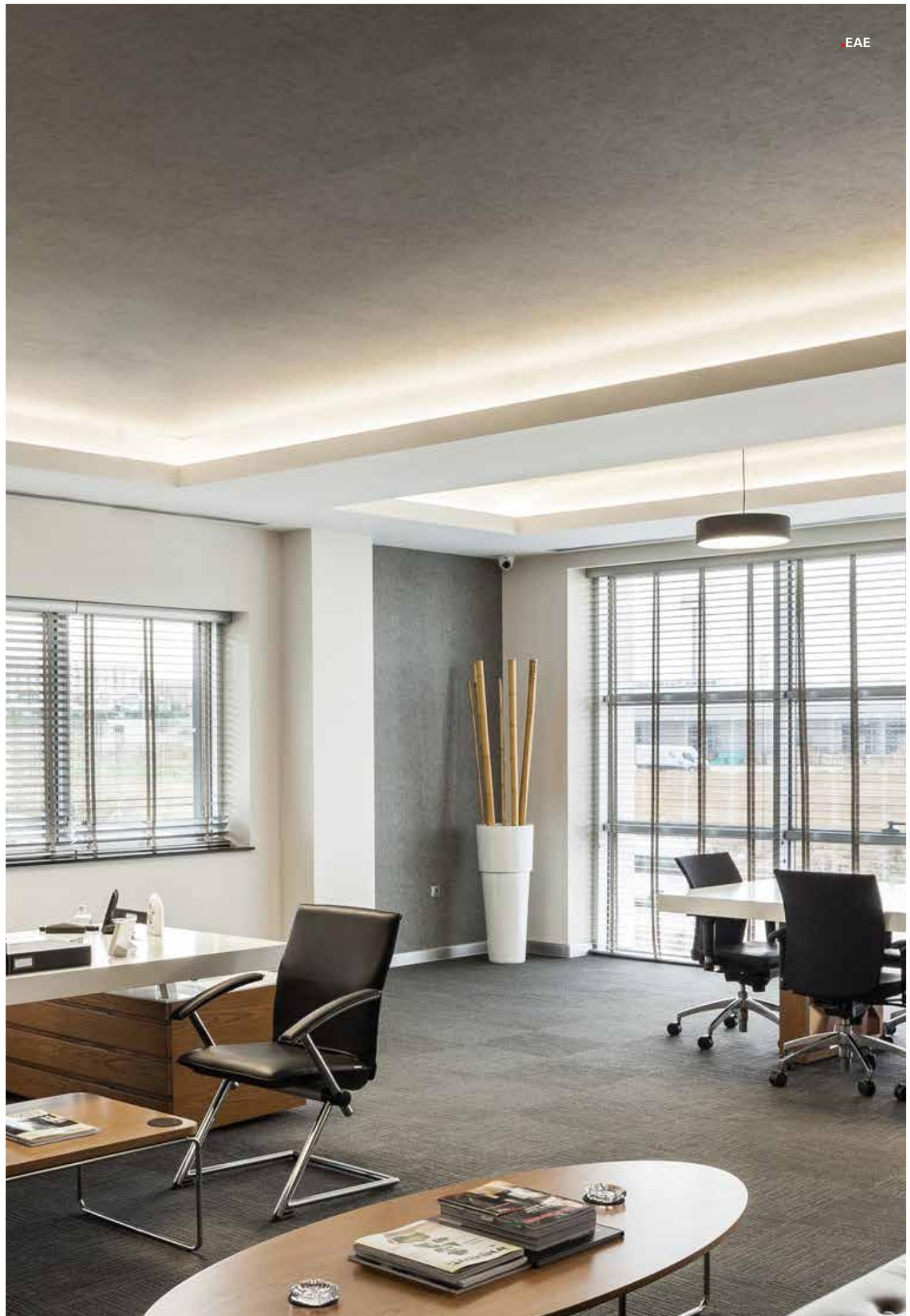
a	b	h
23	92	22

## Options

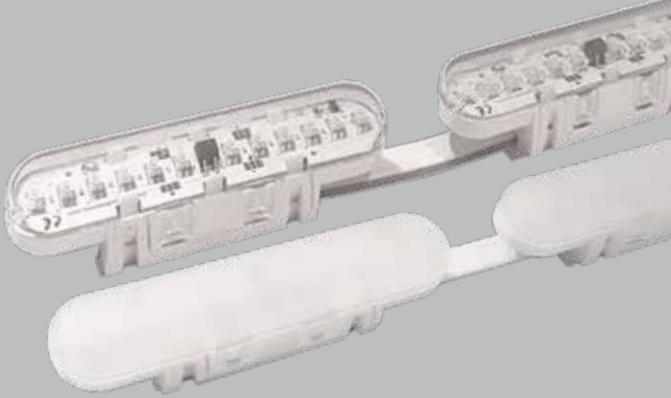
Length Options in meters	: 5m / 10m
Module Options	: 4 / 5 / 6 / 7 / 8 / 9
DALI Compatibility	: Yes
ON/OFF	: Yes

\*Please contact our customer representative for different options.





# FLEXBAR RGB



## FLEXIBLE CONCEALED LIGHTING SYSTEM



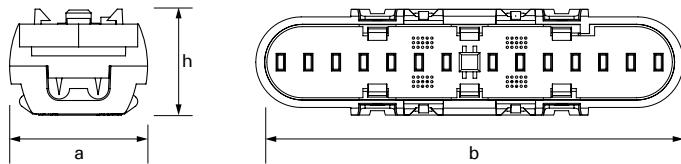
**FLEXBAR RGB** is an RGB LED Controller, which can be use the advanced PWM (Pulse-Width Modulation) control technique, built-in 32 kinds of changing mode. Smooth changing effect without flicker; PC engineering plastic shell, exquisite appearance.



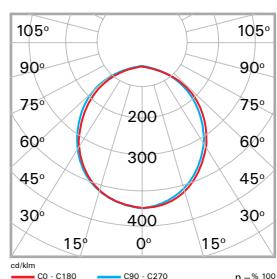
### Technical Specifications

Housing	: PC housing and cap
Diffuser	: Clear / Opal diffuser
Light Source	: Low Power LED
Power	: 7.7 W/m (Amber-Red) / 7.3 W/m (Green-Blue)
Input Voltage	: 24V DC
Color Temp.	: RGB
CRI	: >80
IP	: IP20
Installation	: Surface mounted

### Technical Drawing



### Photometric Curve



### Dimensions (mm)

a	b	h
23	92	21

### Options

Standard Driver Options	: 30 W / 60 W / 80 W / 96 W / 120 W / 180 W
DALI Driver Options	: 75 W / 100 W / 150 W
Length Options in meters	: 3m / 5m / 10m
Module Options	: 4 / 5 / 6 / 7 / 8 / 9
Diffuser Options	: Clear / Opal
RF Remote Control	: Yes
DALI Compatibility	: Yes
ON/OFF	: Yes

\*Please contact our customer representative for different options.



# ENDILED

## OFFICE LIGHTING LED LUMINAIRES



“

*ENDILED, with the direct light emitted from its opal diffuser and indirect homogenous light from its reflector, provides the perfect lighting choice for offices, hospitals and schools that are in need of functional solutions. The reflector with high glare control ensures homogenously distributed illumination that prevents shadows.*

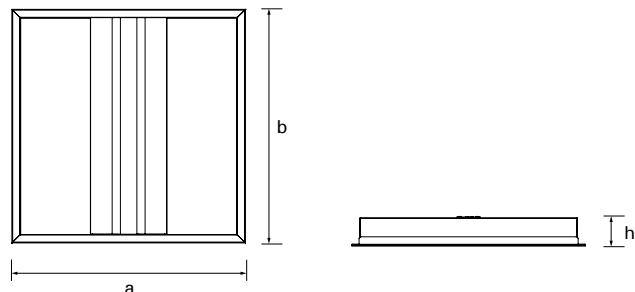
”



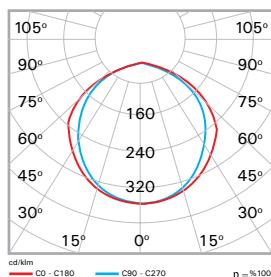
### Technical Specifications

Housing	: DKP sheet metal housing
Diffuser	: Reflector / Opal diffuser
Light Source	: SMD LED
Power	: 34 W / 50 W
Lumen	: 2595 lm / 3854 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white / Cool white
CRI	: >80
IP	: IP20
Installation	: Recessed
Colors	: RAL 9003

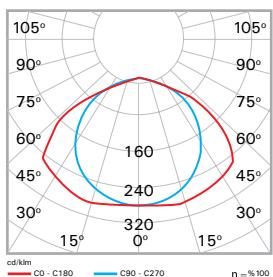
### Technical Drawing



### Photometric Curve



DIRECT / INDIRECT



INDIRECT

### Dimensions (mm)

a	b	h
595	595	74

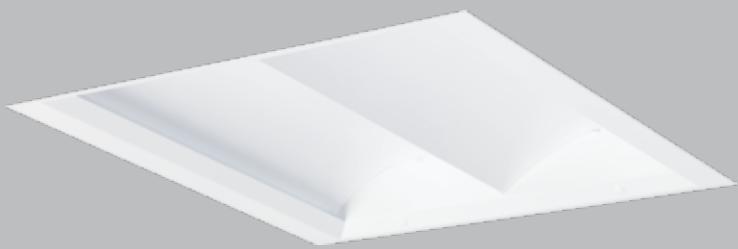
Measurements of  
Ceiling Section  
560mm x 560mm

### Options

Suspended Ceiling Compatibility	: Plasterboard / Rockwool / Clip-in
DALI Compatibility	: Yes
Emergency Kit	: Yes (1-3 hours)



# ENDILED II



## OFFICE LIGHTING LED LUMINAIRES

“

ENDILED II, with its wing-shaped reflector of high reflection value, has been designed to provide the maximum visual comfort at offices, hospitals and schools. It ensures that all the objects in the area of concern are illuminated thus readily visible, while the glare on shiny surfaces is minimized.

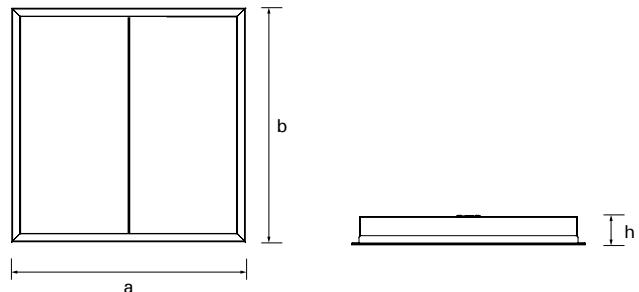
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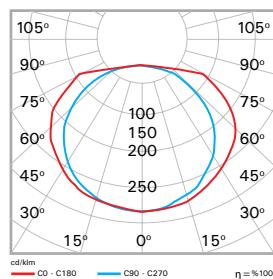
### Technical Specifications

Housing	: DKP sheet metal housing
Diffuser	: Reflector
Light Source	: SMD LED
Power	: 29 W / 34 W
Lumen	: 2847 lm / 3240 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white / Cool white
CRI	: >80
IP	: IP20
Installation	: Recessed
Colors	: RAL 9003

### Technical Drawing



### Photometric Curve



### Dimensions (mm)

a	b	h
595	595	74

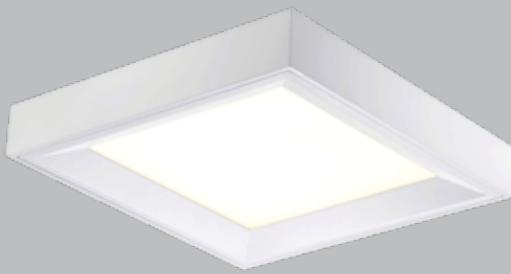
Measurements of Ceiling Section

575mm x 575mm

### Options

Ceiling Types	: Plasterboard and Clip-in
DALI Compatibility	: Yes
Emergency Kit Options	: Yes (1-3 hours)
IP Class	: IP20 / IP65

# PIRAMIT



## DECORATIVE LIGHTING LED LUMINAIRES



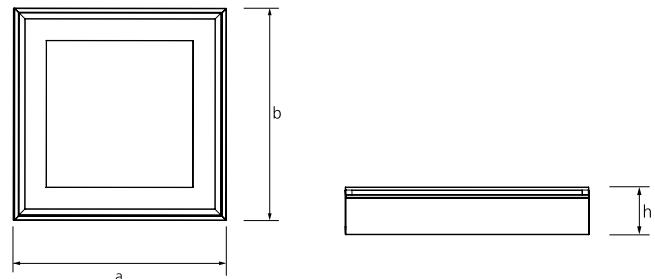
*PIRAMIT is ideal for the illumination of offices, hospitals, schools, and retail spaces with its light that spreads homogenously from its glare-controlled opal diffuser. It creates a warm and modern effect in the space with its pyramidal inclined decorative front frame and soft transitioning lines.*



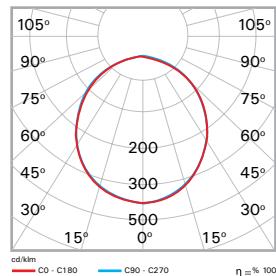
### Technical Specifications

Housing	: DKP sheet metal housing
Diffuser	: Opal diffuser
Light Source	: SMD LED
Power	: 11 W (20x20) / 16 W (32x32) / 16 W (37x37) 30 W (40x100) / 25 W (60x60 HE) 27 W (60x60 ECO) / 37 W (60x60)
Lumen	: 842 lm / 1415 lm / 1415 lm / 3434 lm / 2763 lm 2502 lm / 4198 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white / Cool white
CRI	: >80
IP	: IP20
Installation	: Surface mounted
Colors	: RAL 9003

### Technical Drawing



### Photometric Curve



### Dimensions (mm)

Type	a	b	h
20 x 20	195	195	66.5
32 x 32	320	320	82
37 x 37	364	364	90
40 x 100	388	997	98
60 x 60	595	595	97.5

### Options

DALI Compatibility	: Yes
Emergency Kit	: Yes (1-3 hours)
Sensor	: Yes



# PIRAMIT



## DECORATIVE LIGHTING LED LUMINAIRES

“

PIRAMIT is ideal for the illumination of offices, hospitals, schools, and retail spaces with its light that spreads homogenously from its glare-controlled opal diffuser. It creates a warm and modern effect in the space with its pyramidal inclined decorative front frame and soft transitioning lines.

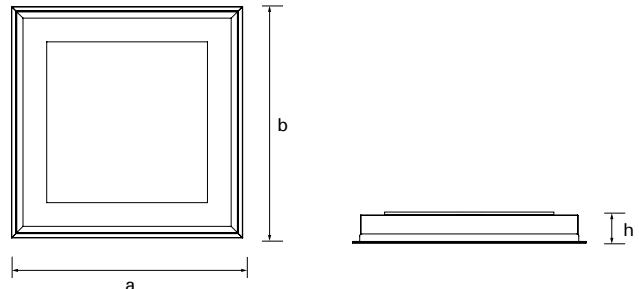
”



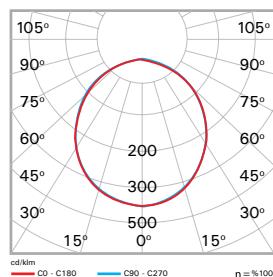
### Technical Specifications

Housing	: DKP sheet metal <i>housing</i>
Diffuser	: Reflector
Light Source	: SMD LED
Power	: 11 W (20x20) / 16 W (30x30) / 25 W (60x60 HE) 27 W (60x60 ECO) / 37 W (60x60)
Lumen	: 842 lm / 1415 lm / 2763 lm / 2502 lm / 4198 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white / Cool white
CRI	: >80
IP	: IP20
Installation	: Recessed
Colors	: RAL 9003

### Technical Drawing



### Photometric Curve



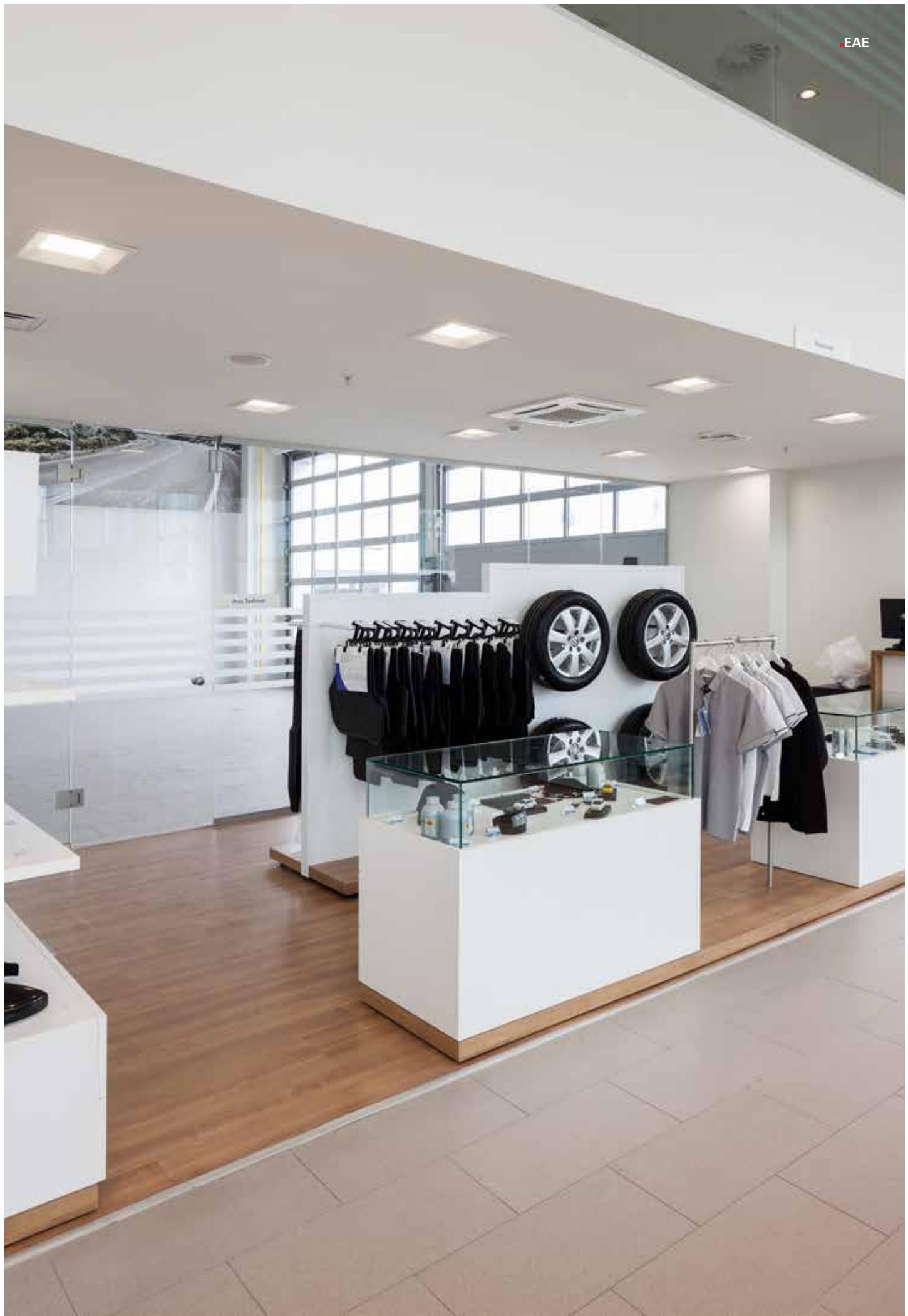
### Dimensions (mm)

Type	a	b	h	Measurements of Ceiling Section
20 x 20	195	195	66.5	20 x 20 180mm x 180mm
30 x 30	295	295	78	30 x 30 275mm x 275mm
60 x 60	595	595	97.5	60 x 60 575mm x 575mm

### Options

Suspended Ceiling Compatibility	: Plasterboard / Rockwool / Clip-in
DALI Compatibility	: Yes
Emergency Kit	: Yes (1-3 hours)
Sensor	: Yes
KAM Compatibility	: Yes





# FLED II



## DECORATIVE LIGHTING LED LUMINAIRES



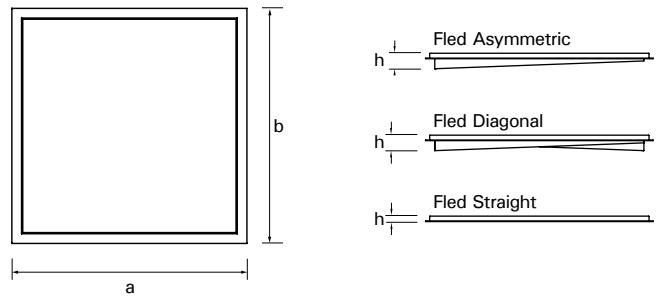
**FLED II** is a tool of illumination with an authentic design that has been created on the basis of folding effect and given shape by various aluminium frame interpretations. Distinctive templates are created as the frame system with straight, asymmetric and diagonal choices are combined in different arrangements.



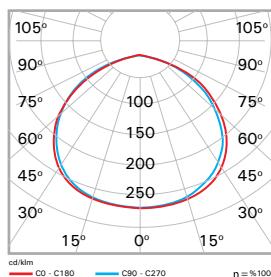
### Technical Specifications

Housing	: Aluminium housing and frame
Diffuser	: Opal diffuser
Light Source	: SMD LED
Power	: 26 W / 30 W
Lumen	: 2567 lm / 2867 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white / Cool white
CRI	: >80
IP	: IP20
Installation	: Surface mounted
Colors	: RAL 9003 / Grey anodized alm. / Black anodize alm.

### Technical Drawing



### Photometric Curve



### Dimensions (mm)

Type	a	b	h
60 x 60 Asymmetric	600	600	43
60 x 60 Diagonal	600	600	43
60 x 60 Straight	600	600	16

### Measurements of Ceiling Section

60 x 60 605mm x 605mm

Note: Delivery is made together with special aluminium frame with 630mm x 630mm

### Options

Ceiling Types	: Plasterboard / Clip-in
Emergency Kit Options	: Var (1-3 hours)
Color Option	: RAL 9006 / RAL 9005





# SASLED

## DECORATIVE LIGHTING LED LUMINAIRES



“

*SASLED displays an appearance consisting of linear lines of light, offers innovative alternatives that would save energy and have a long life-cycle, to conventional ceiling luminaires. Thanks to its glare controlled diffuser, effective lighting in terms of visual comfort is provided in the offices as light that is homogenously distributed.*

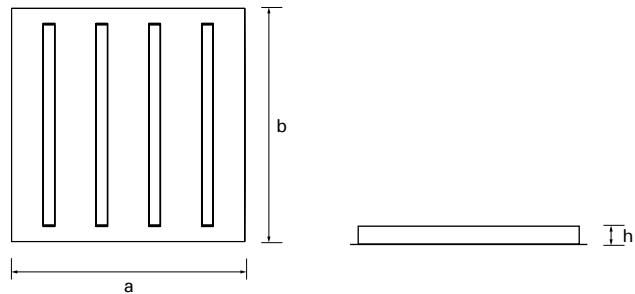
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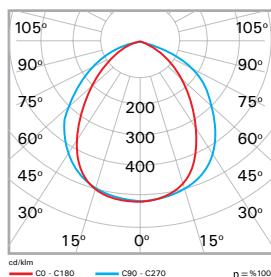
### Technical Specifications

Housing	: DKP sheet metal housing
Diffuser	: Opal diffuser
Light Source	: CHIP LED
Power	: (30x60 2bar) 17 W / (60x60 4bar) 34 W - 27 W (60x60 2bar) 17 W
Lumen	: (17 W) 1916 lm / (34 W) 3969 lm / (27 W) 3040 lm (17 W) 1916 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white / Cool white
CRI	: >80
IP	: IP20
Installation	: Pendant / Surface mounted / Recessed
Colors	: RAL 9003

### Technical Drawing



### Photometric Curve



### Dimensions (mm)

Type	a	b	h
30 x 60	338	623	34
60 x 60	623	623	34
30 x 30	322	322	34

Measurements of Ceiling Section			
30 x 60	315	x	300
60 x 60	600	x	600
30 x 30	299	x	299

### Surface mounted

Type	a	b	h
18 W	585	300	44
28 W	587	587	46
36 W	587	587	46
12 W	587	587	46

### Pendant

Type	a	b	h
18 W	587	587	21
28 W	587	587	21
36 W	587	587	21

### Options

Suspended Ceiling Compatibility : Plasterboard / Rockwool / Clip-in

Recessed  
30x60 (2 BAR) 30x30 (3 BAR) 60x60 (4 BAR)

Surface mounted / Pendant  
30x60 (2 BAR) 30x30 (3 BAR) 60x60 (4 BAR)



# SATURN V2

DECORATIVE LIGHTING LED LUMINAIRES



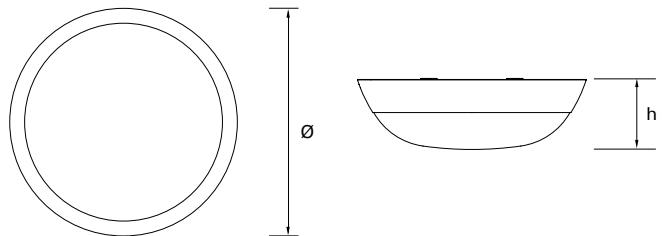
*SATURN V2, provides you functional implementation possibilities and you can easily use it in stairwells, hallways, technical spaces, warehouses, and similar spaces with its minimal designed housing.*



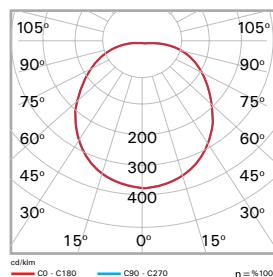
## Technical Specifications

Housing	: Aluminium housing
Diffuser	: Opal diffuser
Light Source	: SMD LED
Power	: 18 W
Lumen	: 1699 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white / Cool white
CRI	: >80
IP	: IP65
Installation	: Surface mounted
Colors	: RAL 9003

## Technical Drawing



## Photometric Curve



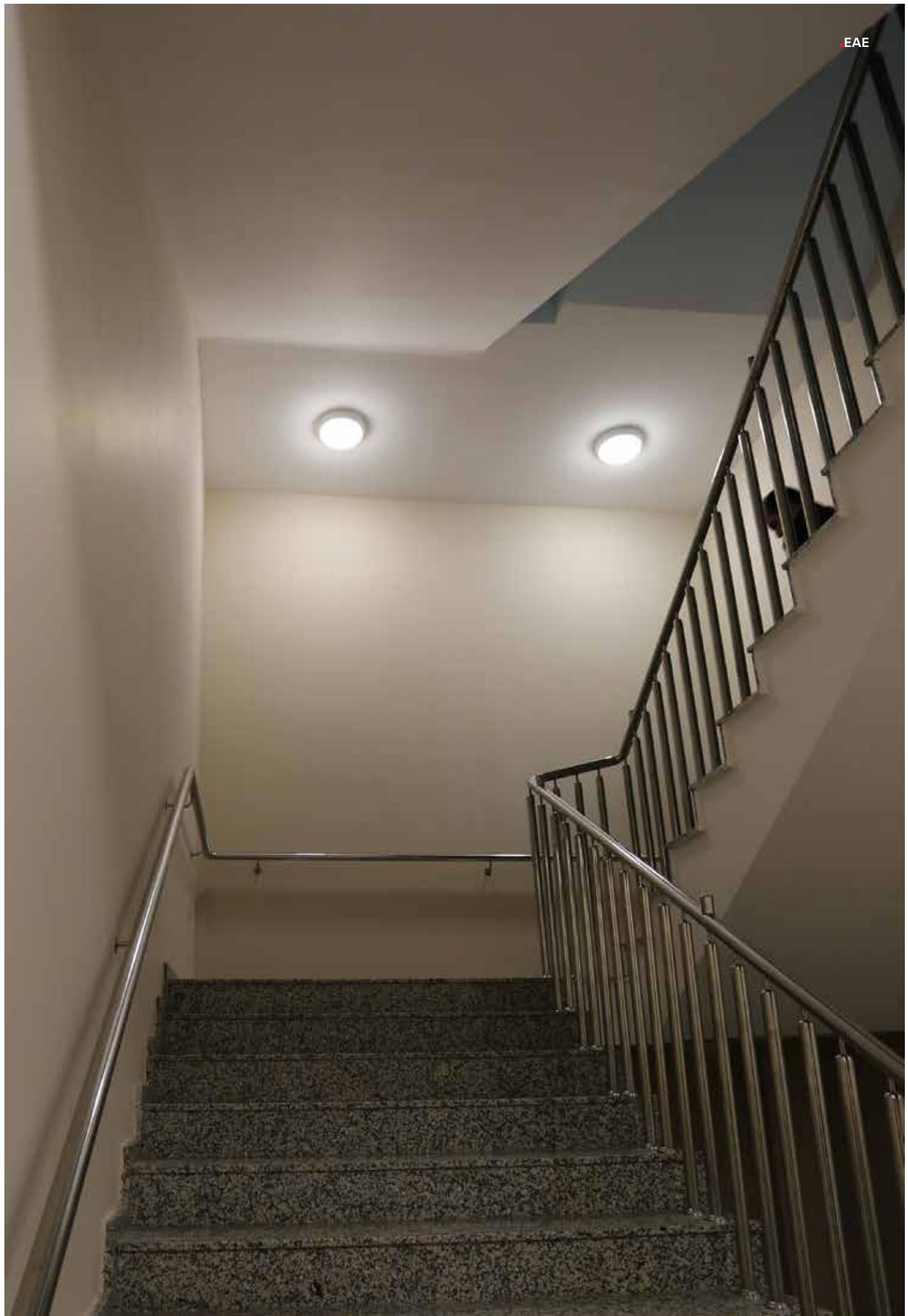
## Dimensions (mm)

Type	Ø	h
18 W	327.5	103

## Options

Diffuser Options	: Clear diffuser
Emergency Kit	: Yes (1-3 hours)
Sensor / Emergency Kit	: Yes

\*Sensor screening area is 4x4m<sup>2</sup>



# MODILED HE

## DECORATIVE LIGHTING LED LUMINAIRES



“

MODILED HE, is a reliable lighting solution that has been especially designed to conform to the flexible shelf positioning of your retail stores with its high level of illumination and low operating and maintenance costs. The integrated through-wiring kit ensures serial connection of the luminaires and an uninterrupted linear appearance.

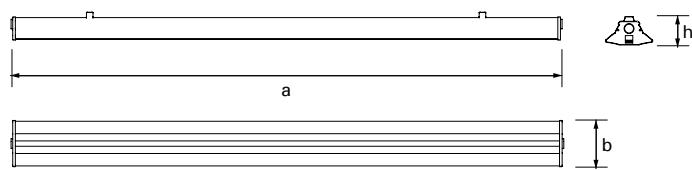
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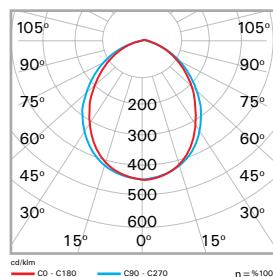
### Technical Specifications

Housing	: Aluminium extrusion housing cap
Diffuser	: Glare controlled opal diffuser
Light Source	: Mid Power LED
Power	: 19 W / 22 W / 30 W
Lumen	: 2265 lm / 2780 lm / 3564 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white / Cool white
CRI	: >80
IP	: IP20
Installation	: Surface mounted / Pendant
Colors	: Bright anodized coating

### Technical Drawing



### Photometric Curve



### Dimensions (mm)

a	b	h
1500	127	78

### Options

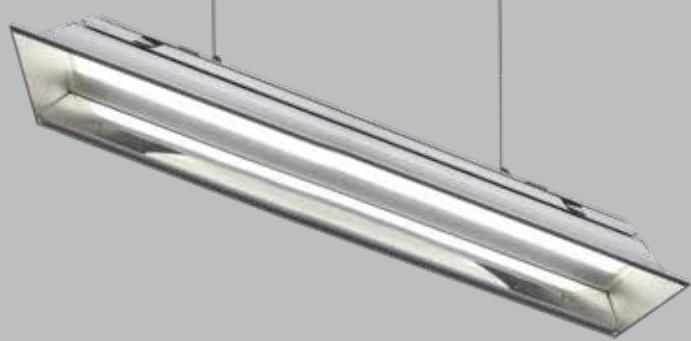
DALI Compatibility	: Yes
Emergency Kit	: Yes (1-3 hours)





# MODILED HB

## DECORATIVE LIGHTING LED LUMINAIRES



“

*MODILED HB is a product specifically designed for high-ceiling retail stores and contains optimum solution oriented at providing energy savings. It is glare-free with its linear hyperbolic reflector that ensures directing of light in-between shelves. Luminaires can be connected in series with the through-wiring kit they contain and thus a continuous linear appearance can be obtained.*

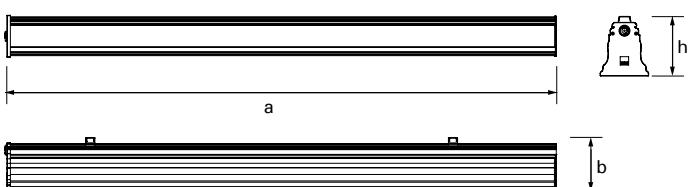
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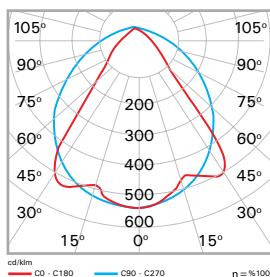
### Technical Specifications

Housing	: Aluminium extrusion housing and cap
Diffuser	: Glare controlled opal diffuser
Light Source	: Mid Power LED
Power	: 40 W
Lumen	: 4713 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white / Cool white
CRI	: >80
IP	: IP44
Installation	: Surface mounted / Pendant
Colors	: Bright anodized coating

### Technical Drawing



### Photometric Curve



### Dimensions (mm)

a	b	h
105.5	1500	124

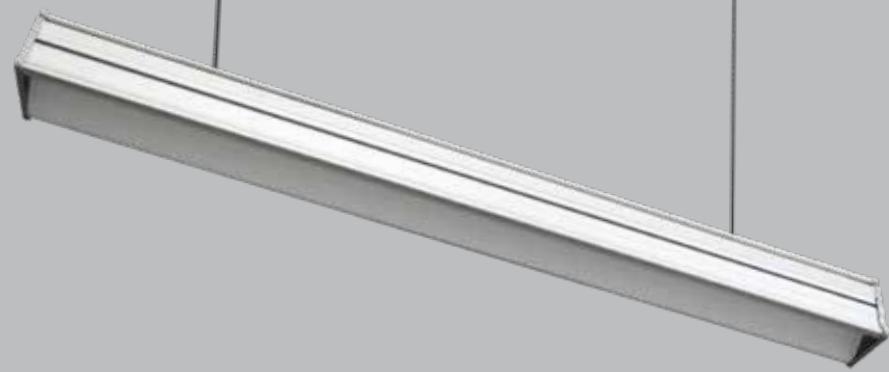
### Options

DALI Compatibility	: Yes
Emergency Kit	: Yes (1-3 hours)
DALI / Emergency Kit	: Yes



# MODILED HB II

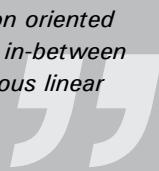
## ARENA - LOWBAY - RAF



### DECORATIVE LIGHTING LED LUMINAIRES



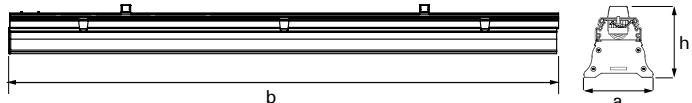
**MODILED HB II** is a product specifically designed for high-ceiling retail stores and contains optimum solution oriented at providing energy savings. It is glare-free with its linear hyperbolic reflector that ensures directing of light in-between shelves. Luminaires can be connected in series with the through-wiring kit they contain and thus a continuous linear appearance can be obtained.



#### Technical Specifications

Housing	: Aluminium extrusion housing and cap
Optical	: 30° / 60° / 90° Lens
Diffuser	: Glare controlled opal diffuser
Light Source	: Mid Power LED
Power	
Arena	: 38 W
Lowbay	: 37 W / 48 W / 63 W
Raf	: 37 W
Lumen	
Arena	: 4893 lm
Lowbay	: 4698 lm / 6834 lm / 8310 lm
Raf	: 4763 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white / Cool white
CRI	: >80
IP	: IP20
Installation	: Surface mounted / Pendant
Colors	: Matte anodized coating

#### Technical Drawing



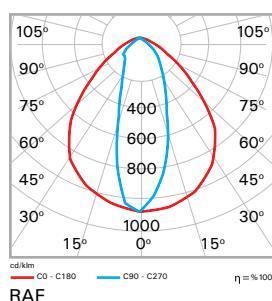
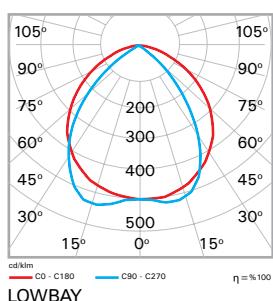
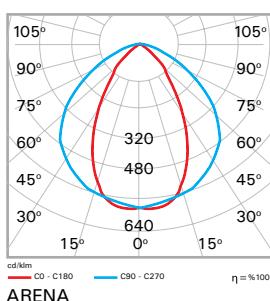
#### Dimensions (mm)

a	b	h
102	1440	90

#### Options

DALI Compatibility	: Yes
Emergency Kit	: Yes (1-3 hours)

#### Photometric Curve



# MODILED MARKET

## DECORATIVE LIGHTING LED LUMINAIRES



“

**MODILED MARKET** is a product specifically designed for high-ceiling retail stores and contains optimum solution oriented at providing energy savings. It is glare-free with its linear hyperbolic reflector that ensures directing of light in-between shelves. Luminaires can be connected in series with the through-wiring kit they contain and thus a continuous linear appearance can be obtained.

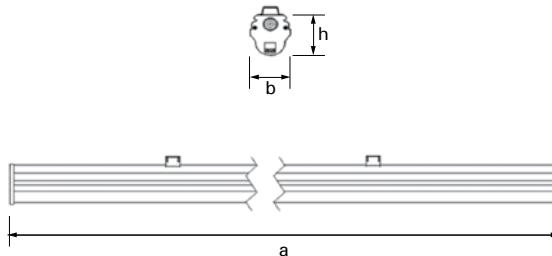
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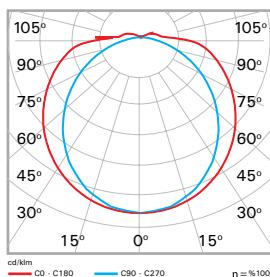
### Technical Specifications

Housing	: Aluminium extrusion housing cap
Diffuser	: Exclusively manufactured highly permeable diffuser with anti glare
Light Source	: Mid Power LED
Power	: 23 W / 33 W
Lumen	: 2710 lm / 3664 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: 3000K / 4000K / 6500K
CRI	: >80
IP	: IP40
Installation	: Surface mounted
Colors	: Bright anodized

### Technical Drawing



### Photometric Curve



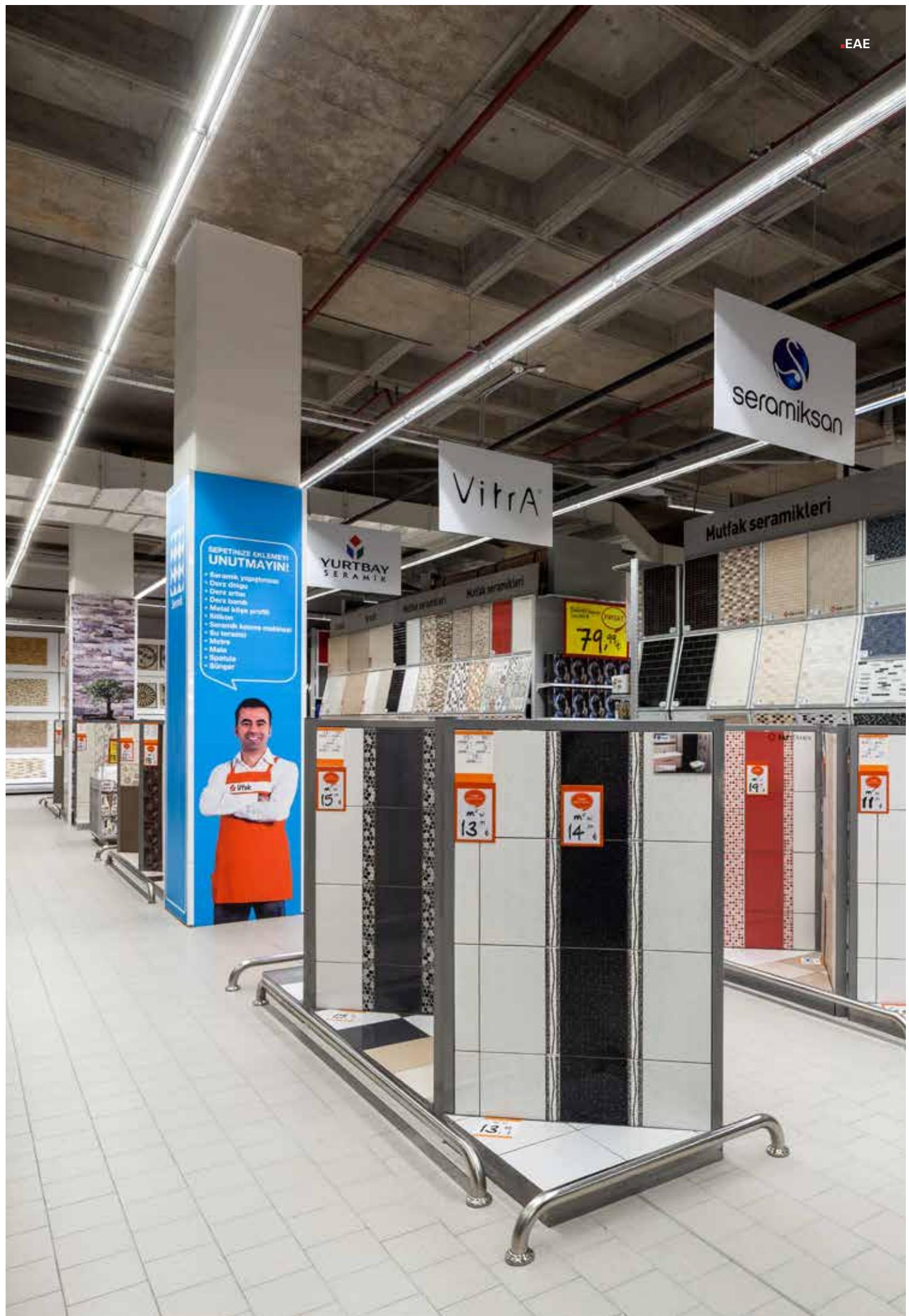
### Dimensions (mm)

a	b	h
1500	73	85.5

### Options

DALI Compatibility	: Yes
Emergency Kit	: Yes (1-3 hours)





# TASKLED

DECORATIVE LIGHTING LED LUMINAIRES



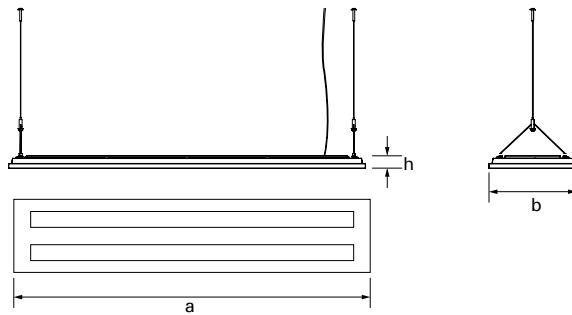
**TASKLED**, produced by using a precise technique, is designed for the illumination of your work surfaces and platforms. The luminaire does not cause undesirable reflections thanks to its wide surface diffuser. The model's chain-pull switch makes it possible for the user to switch the lights on and off conveniently as well as providing the means to adjust the light in two different levels of intensity



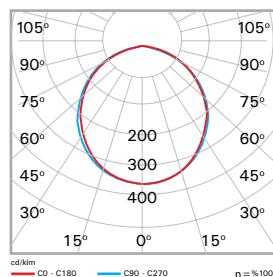
## Technical Specifications

Housing	: DKP sheet metal housing
Diffuser	: Opal diffuser
Light Source	: SMD LED
Power	: 35 W
Lumen	: 3597 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white / Cool white
CRI	: >80
IP	: IP20
Installation	: Pendant
Colors	: RAL 9004 / RAL 9010

## Technical Drawing



## Photometric Curve

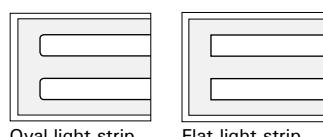


## Dimensions (mm)

a	b	h
1200	300	43

## Options

DALI Compatibility : Yes



With chain-pull switch / Models without the chain-pull switch are also available





# FLORA



## DECORATIVE LIGHTING LED LUMINAIRES



**FLORA**, which creates dramatically illuminated spaces for you, thanks to the angled light emitted by its spotlights, also provides lighting for work spaces by employing an accurate technique and through the homogeneous light emitted by the opal diffuser. The product design, which combines these two different illumination techniques, meets your lighting needs in many places in different areas of use, including the meeting-training rooms, conference halls, etc.



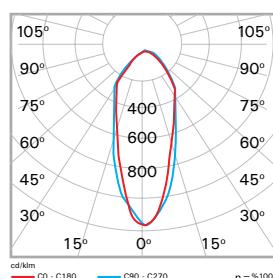
### Technical Specifications

Housing	: DKP sheet metal housing
Optical	: Clear glass
Diffuser	: Opal diffuser / Reflector
Light Source	: SMD LED / COB LED
Power	: 44 W
Lumen	: 3965 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white / Cool white
CRI	: >80
IP	: IP20
Installation	: Surface mounted / Pendant
Colors	: RAL 9004 / RAL 9010

### Technical Drawing



### Photometric Curve



### Dimensions (mm)

Type	a	b	h
32 W	1250	200	70
44 W	1700	200	70

### Options

DALI Compatibility : Yes



# MOOD

## DECORATIVE LIGHTING LED LUMINAires



“

*MOOD, design creates point projection light effects on your floor. Its cylindrical minimal design meets your illumination needs in different environments with narrow and medium scale light dispersion selections. The textured housing surface reflects the calm and professional characteristics of Mood Luminaire.*

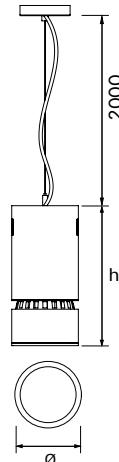
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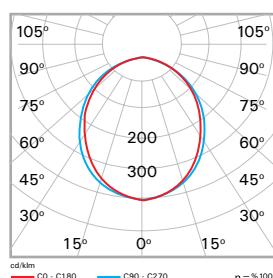
### Technical Specifications

Housing	: Aluminium housing
Optical	: 14° / 24° / 36° Reflector / Clear glass
Light Source	: COB LED
Power	: 36 W
Lumen	: 2897 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white
CRI	: >80
IP	: IP20
Installation	: Pendant
Colors	: RAL 9004 / RAL 9010

### Technical Drawing



### Photometric Curve



### Dimensions (mm)

Ø	h
125	260



# VENO

DECORATIVE LIGHTING LED LUMINAIRES



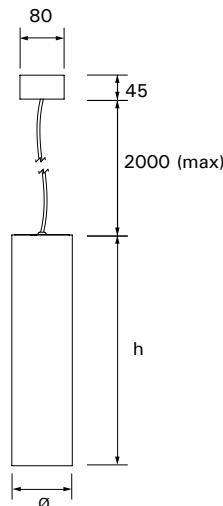
*VENO, designed in lines of a basic cylinder and is manufactured in three different heights, helps you create warm and cozy atmospheres with its linear light distribution, sharp shadows and dramatic light pockets. It is glare-free thanks to its deep placed light source.*



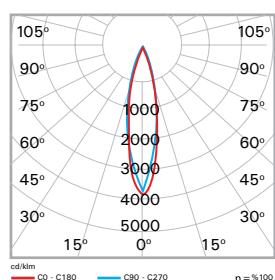
## Technical Specifications

Housing	: Aluminium profile housing
Light Source	: PAR20 7 W / PAR30 12 W LED lamp
Power	: 7 W / 12 W
Lumen	: 395 lm / 568 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white
CRI	: >80
IP	: IP20
Installation	: Surface mounted / Pendant
Colors	: RAL 9005 / RAL 9016

## Technical Drawing



## Photometric Curve

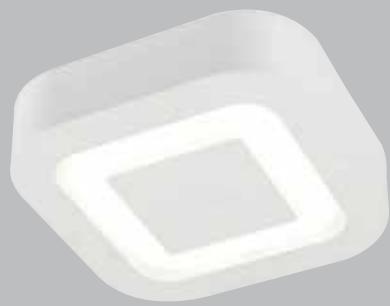


## Dimensions (mm)

Type	Ø	h
h180	109.5	180
h240	109.5	240
h425	109.5	425



# LUXO V3



## DECORATIVE LIGHTING LED LUMINAIRES



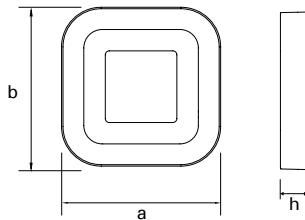
*LUXO V3 is ideal for the illumination of your stairwells, passage areas and similar spaces with its original and compact design and rounded lines. It provides high level of energy savings in your spaces that are not in use for long periods thanks to its movement sensor.*



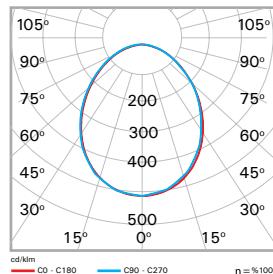
### Technical Specifications

Housing	: PC housing
Diffuser	: Opal diffuser
Light Source	: SMD LED
Power	: 7 W
Lumen	: 931 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white / Cool white
CRI	: >80
IP	: IP20
Installation	: Surface mounted
Colors	: RAL 9003

### Technical Drawing



### Photometric Curve



### Dimensions (mm)

a	b	h
190	190	43.5

### Options

Sensor	: Yes
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\*Sensor screening area is 4x4m<sup>2</sup>

# GIZA

## WALL SCONCE



DECORATIVE LIGHTING LED LUMINAIRES



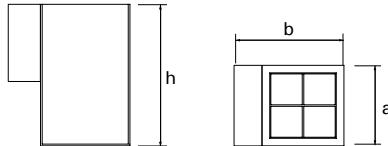
**GIZA WALL SCONCE** is designed for your hallways, stairwells, and passage areas and provides a cost-efficient and energy saving alternative to your traditional lighting systems. It is internally equipped with metalized reflector and glare-free opal diffuser.



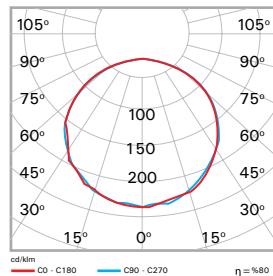
### Technical Specifications

Housing	: PC housing
Diffuser	: PC Reflector / Opal diffuser
Light Source	: Power LED
Power	: 10 W
Lumen	: 697 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white / Cool white
CRI	: >80
IP	: IP20
Installation	: Surface mounted
Colors	: RAL 9003

### Technical Drawing



### Photometric Curve



### Dimensions (mm)

a	b	h
106	176	220



# ALEGRE

## WALL SCONCE

### DECORATIVE LIGHTING LED LUMINAires



*ALEGRE, provides you volumetric lighting with its housing structure that consists of a cylinder shaped opal diffuser. It may have a vertical or horizontal position on the wall. It makes its own decorative contribution to your space with its modern look.*



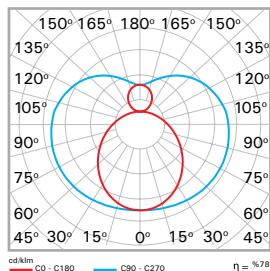
#### Technical Specifications

Housing	: Aluminium profile housing and cap
Diffuser	: Opal diffuser
Light Source	: T5-16 mm
Power	: 14 W / 28 W / 58 W
Lumen	: (58 W) 3715lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white
CRI	: >80
IP	: IP20
Installation	: Surface mounted
Colors	: RAL 9010 / RAL 9004

#### Technical Drawing



#### Photometric Curve



#### Dimensions (mm)

Type	a	b	h
14 W	607	120	148
28 W / 54 W	1207	120	148

#### Options

1-10V Options : Yes



# VENO

## WALL SCONCE



DECORATIVE LIGHTING LED LUMINAIRES



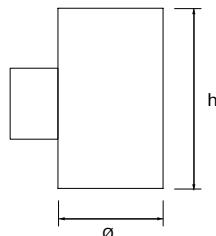
*VENO, prevents glaring thanks to its light source that is deeply positioned. It helps you in creating warm and intimate atmospheres with its linearly spreading light, sharp shadows and dramatic illuminated areas.*



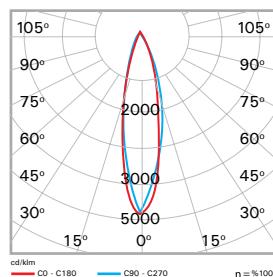
### Technical Specifications

Housing	: Aluminium profile housing and cap
Light Source	: LED lamp
Power	: (PAR20) 7 W / (PAR30) 12 W
Lumen	: 395.5 lm / 567.7 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white
CRI	: >80
IP	: IP20
Installation	: Surface mounted
Colors	: RAL 9016 / RAL 9005

### Technical Drawing



### Photometric Curve



### Dimensions (mm)

Ø	h
109.5	180



# APLIKLED

## DECORATIVE LIGHTING LED LUMINAIRES



**“**

APLIKLED, is produced from cylinder shaped aluminium. It can give light in a single or dual directional manner to the wall surface with its narrow-medium and wide angle optical options.

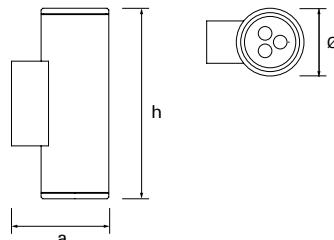
**”**



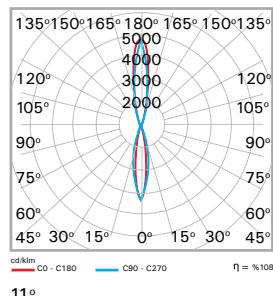
### Technical Specifications

Housing	: Aluminium housing
Optical	: 11° / 18° / 31° / 44° Lens / Clear glass
Light Source	: SMD LED
Power	: 4,5 W / 8 W
Lumen	: 670 lm / 624 lm / 639 lm / 660 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white
CRI	: > 70
IP	: IP65
Installation	: Surface mounted
Colors	: RAL 9016

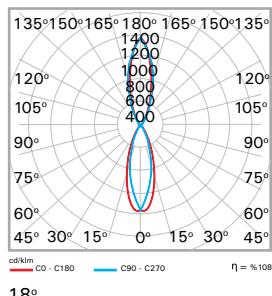
### Technical Drawing



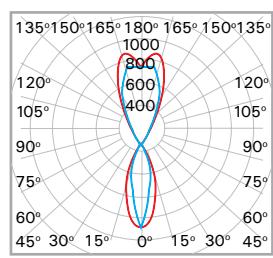
### Photometric Curve



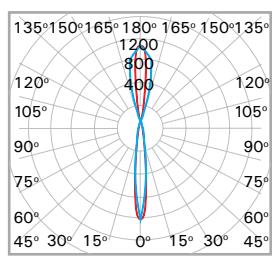
11°



18°



31°



44°

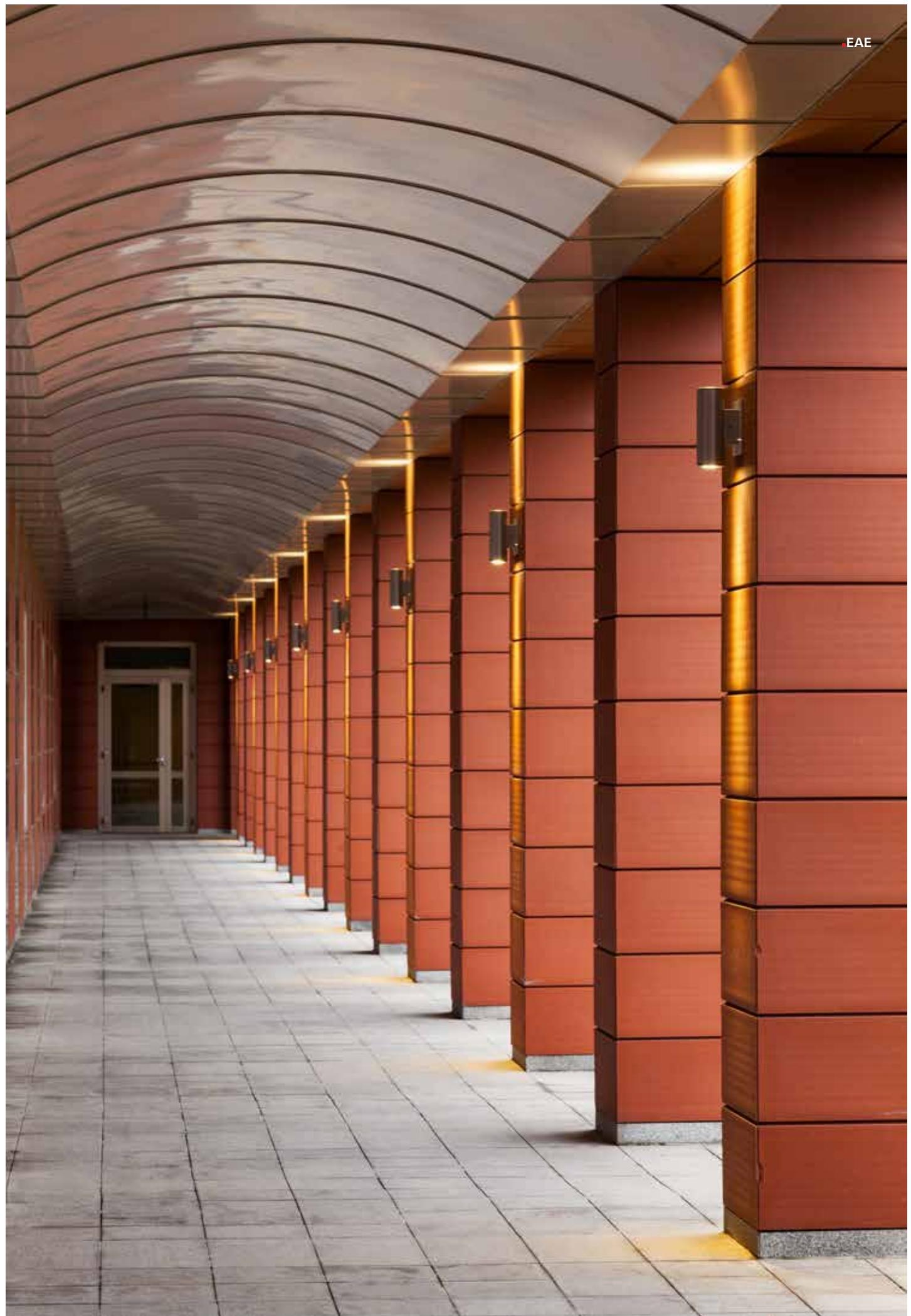
### Dimensions (mm)

a	Ø	h
115	80	225

### Options

Color Options

: RAL 9005 / RAL 9006 / RAL 9007



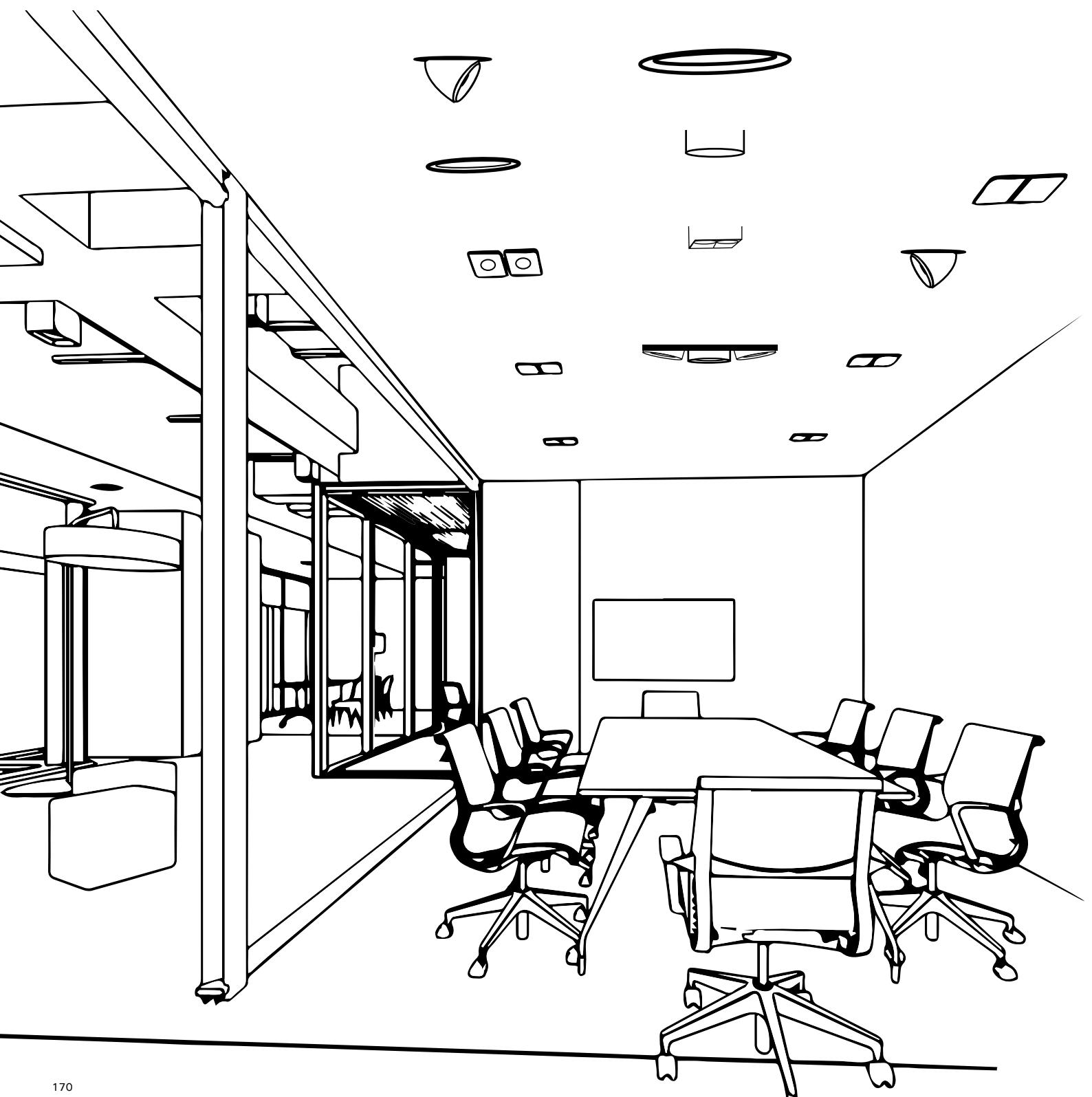
A large central circle is surrounded by five concentric arcs. From the top-left and top-right corners, straight white lines extend diagonally down to the bottom-left and bottom-right corners respectively. Small gray rectangles are placed at the intersections of these lines with the concentric arcs.

A T E C R E C T A

*S p o t*  
*L u m i n a i r e   S e r i e s*

## *Spot Lighting Luminaire Series*

- DOWNLED GLORY V2
- SOFT
- DOWNLED V2 Recessed
- DOWNLED V2 Surface mounted
- GIZA Recessed
- GIZA MINI Recessed
- GIZA Surface mounted
- GIZA MINI Surface mounted
- BRICK
- INUE
- RECTA
- MATRIS
- KRIZA
- FRIDA-Y
- MATRIS-Y
- BISTA
- BISTA-K
- PIA
- ORI
- ORI MINI
- ORI-K MINI
- RECTA MINI
- E-SPOT
- SERA
- PIXA
- T-SPOT
- S-NAIL
- TETRA
- NOTA
- COOLED



•DOWNLED GLORY V2	•SOFT	•DOWNLED V2 Recessed	•DOWNLED V2 Surface mounted	•GIZA Recessed	•GIZA MINI Recessed	•GIZA Surface mounted	•GIZA MINI Surface mounted
							
172. SAYFA	173. SAYFA	174. SAYFA	176. SAYFA	178. SAYFA	180. SAYFA	182. SAYFA	183. SAYFA
•BRICK	•INUE	•RECTA	•MATRIS	•KRIZA	•FRIDA-Y	•MATRIS-Y	•BISTA
							
184. SAYFA	186. SAYFA	188. SAYFA	190. SAYFA	192. SAYFA	193. SAYFA	194. SAYFA	196. SAYFA
•BISTA-K	•PIA	•ORI	•ORI MINI	•ORI-K MINI	•RECTA MINI	•E-SPOT	
							
197. SAYFA	198. SAYFA	199. SAYFA	200. SAYFA	201. SAYFA	202. SAYFA	204. SAYFA	
•SERA	•PIX A	•T-SPOT	•S-NAIL	•TETRA	•NOTA	•COOLED	
							
206. SAYFA	208. SAYFA	209. SAYFA	210. SAYFA	212. SAYFA	213. SAYFA	214. SAYFA	

# DOWNLED GLORY v2



## DECORATIVE LIGHTING LED LUMINAIRES



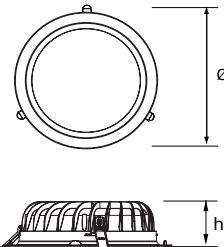
*GLORY, with its changeable frame and color options, is easily adapted to atmosphere of place that it is applied. It meets general lighting requirements of projects with its light homogenously spreading from opal diffuser.*



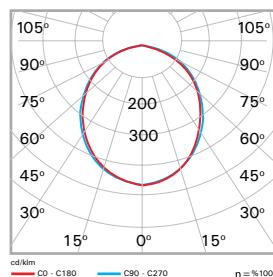
### Technical Specifications

Housing	: Aluminium injection housing
Diffuser	: Opal diffuser
Light Source	: Mid Power LED
Power	: 8 W (Ø10) / 10 W (Ø10) / 15 W (Ø16) / 19 W (Ø20) 22 W (Ø20) / 27 W (Ø24 - Ø27)
Lumen	: 727 lm / 1035 lm / 1492 lm / 2155 lm / 2440 lm / 2910 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white / Cool white
CRI	: >80
IP	: IP40
Installation	: Recessed
Colors	: RAL 9005 / RAL 9010

### Technical Drawing



### Photometric Curve



### Dimensions (mm)

#### Inset Diffuser (PC)

Type	Ø	h
8 W/10 W	115	68
15 W	180	70
19 W/22 W	220	73
27 W (Ø24)	260	77
27 W (Ø27)	282	75

#### Surface Grade Diffuser (CH)

Type	Ø	h
8 W/10 W	115	68
15 W	180	53
19/22 W	220	56
27 W (Ø24)	260	60
27 W (Ø27)	282	82

#### Measurements of Ceiling Section

8 W/10 W	Ø105mm
15 W	Ø165mm
19 W/22 W	Ø205mm
27 W (Ø24)	Ø246mm
27 W (Ø27)	Ø268mm

### Options

DALI Compatibility	: Yes
Emergency Kit	: Yes (1-3 hours)
Safety Class	: IP65
KAM Compatibility	: Yes
Frame Colors	: Chrome / Chrome matte / Gold / Nickel / Bronze

# SOFT

## DECORATIVE LIGHTING LED LUMINAIRES

“

*SOFT, creates a light effect gliding from ceiling in the place with its soft transition frame which has not sharp and firm lines.*

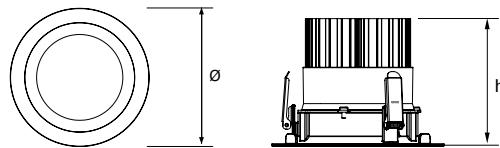
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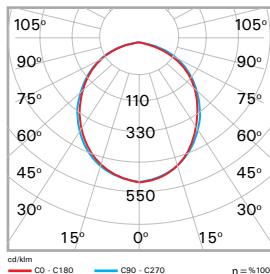
### Technical Specifications

Housing	: Aluminium housing
Diffuser	: Opal diffuser
Light Source	: COB LED
Power	: 11 W / 20 W
Lumen	: 1230 lm / 2031 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white
CRI	: >80
IP	: IP20
Installation	: Recessed
Colors	: RAL 9003

### Technical Drawing



### Photometric Curve



### Dimensions (mm)

Type	Ø	h	Measurements of Ceiling Section
11 W	172	105	Ø172
20 W	172	125	Ø160mm

### Options

DALI Compatibility	: Yes
Emergency Kit	: Yes (1-3 hours)



# DOWNLED V2

## DECORATIVE LIGHTING LED LUMINAires



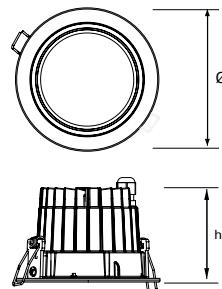
DOWNLED V2, with its simple design, clean cut lines and efficient opal diffuser can be included in a multi-purpose manner in your projects. In particular the economic feasibility of this product combined with its visual comfort and energy savings renders it ideal for all types of projects.



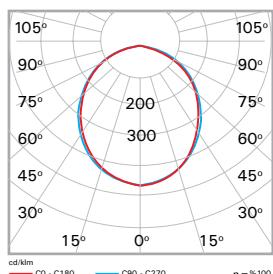
### Technical Specifications

Housing	: Aluminium injection housing
Diffuser	: Opal diffuser
Light Source	: SMD LED
Power	: 8 W (Ø10) / 10 W (Ø10) / 18 W (Ø16) / 20 W (Ø20) 22 W (Ø20) / 28 W (Ø20)
Lumen	
Embedded diffuser:	693.7 lm / 985.2 lm / 1770.7 lm / 2240.4 lm 2565.3 lm / 2954.3 lm
Surface diffuser	: 693.7 lm / 985.2 lm / 1770.7 lm / 2240.4 lm 2565.3 lm / 2954.3 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white / Cool white
CRI	: >80
IP	: IP40
Installation	: Recessed
Colors	: RAL 9005 / RAL 9010

### Technical Drawing



### Photometric Curve



### Dimensions (mm)

#### Inset Diffuser (PC)

Type	Ø	h
7-10 W	118	90
16 W	180	53
19-25 W	225	80
30 W	225	80

#### Surface Grade Diffuser (CH)

Type	Ø	h
7-10 W	118	90
16 W	180	53
19-25 W	225	80
30 W	225	80

#### Measurements of Ceiling Section

7-10 W	Ø105mm
16 W	Ø165mm
19-25 W	Ø205mm
30 W	Ø205mm

### Options

DALI Compatibility	: Yes
Emergency Kit	: Yes (1-3 hours)
KAM Option	: Yes





# DOWNLED V2



## DECORATIVE LIGHTING LED LUMINAires



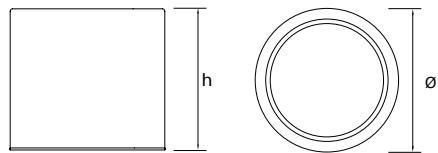
DOWNLED V2 can be used in a versatile manner in your projects thanks to its plain design with fine finishing. It is ideal for all projects that have to be cost-effective, especially in addition to its visual comfort and energy conservation.



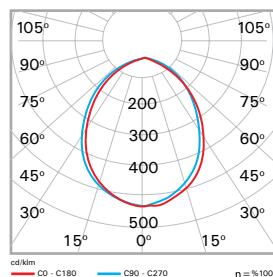
### Technical Specifications

Housing	: Aluminium housing
Diffuser	: Opal diffuser
Light Source	: SMD LED
Power	: 8 W (Ø10) / 10 W (Ø10) / 18 W (Ø16) / 20 W (Ø20) 22 W (Ø20) / 28 W (Ø20)
Lumen	: 693.7 lm / 985.2 lm / 1770.7 lm / 2240.4 lm 2565.3 lm / 2954.3 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white / Cool white
CRI	: >80
IP	: IP40
Installation	: Surface mounted / Pendant
Colors	: RAL 9010 / RAL 9006 / RAL 9005

### Technical Drawing



### Photometric Curve



### Dimensions (mm)

Type	Ø	h
16 W	175	145
19 W / 24 W	225	145

### Options

DALI Compatibility	: Yes
Emergency Kit	: Yes (1-3 hours)
KAM Option	: Yes





# GIZA



## DECORATIVE LIGHTING LED LUMINAIRES



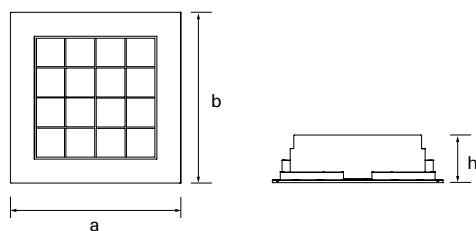
*GIZA is an economic and professional lighting solution that offers an alternative solution to downlight luminaires with its square design. The product has a metalized reflector and glare-free opal diffuser inside.*



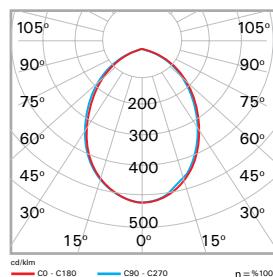
### Technical Specifications

Housing	: Aluminium injection
Diffuser	: PC Reflector / Opal diffuser
Light Source	: SMD LED
Power	: 19 W
Lumen	: 1637 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white / Cool white
CRI	: >80
IP	: IP20
Installation	: Recessed
Colors	: White

### Technical Drawing



### Photometric Curve



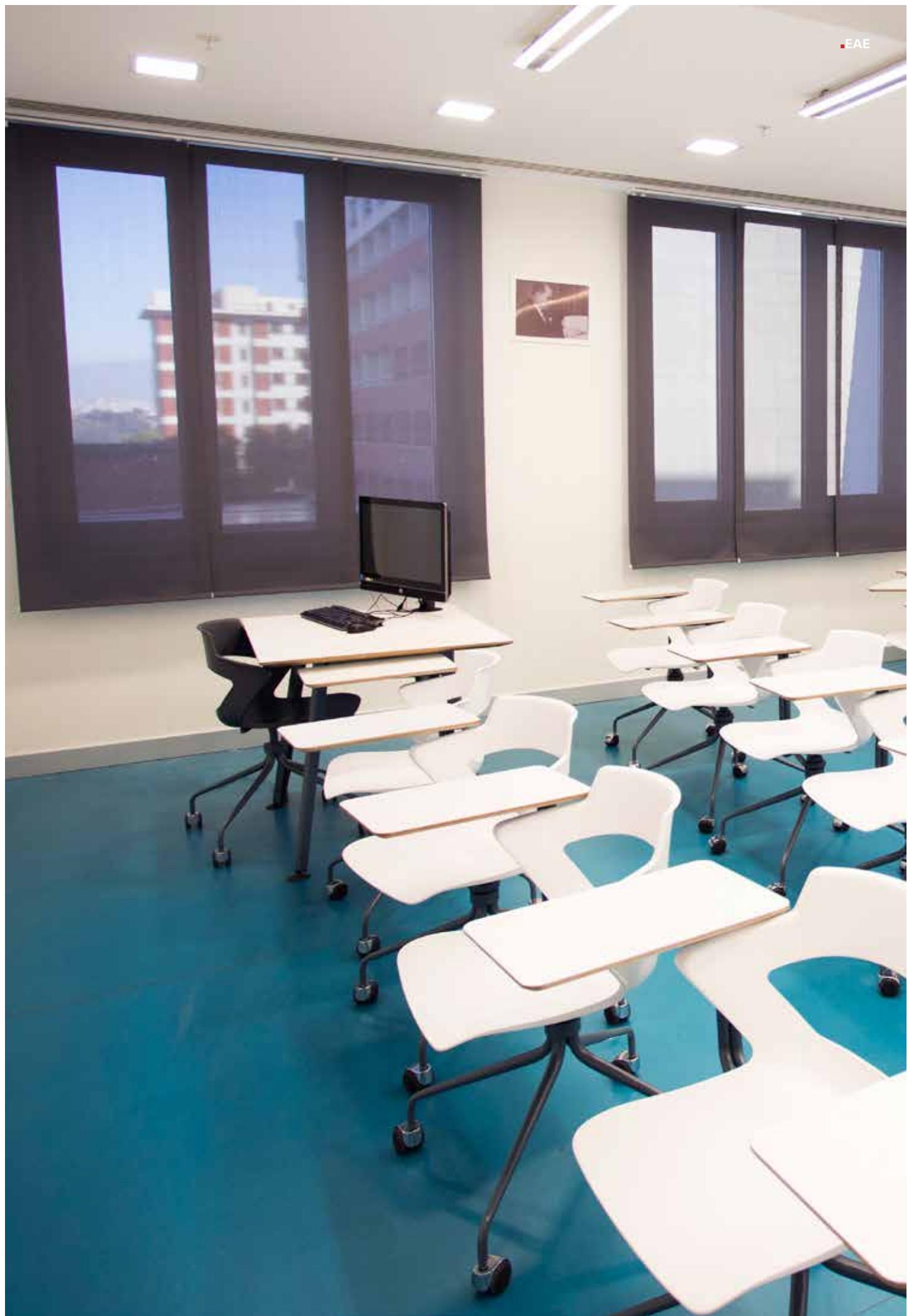
### Dimensions (mm)

a	b	h	Measurements of Ceiling Section
240.5	240.5	73	220 x 220mm

### Options

DALI Compatibility	: Yes
Emergency Kit	: Yes (1-3 hours)





# GIZA MINI



## DECORATIVE LIGHTING LED LUMINAIRES



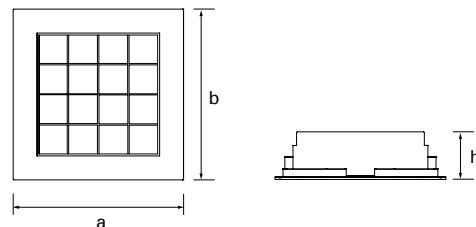
*GIZA MINI is an economic and professional lighting solution that offers you an alternative solution to halogen and compact downlight luminaires. The product has a metalized reflector and glare-free opal diffuser inside.*



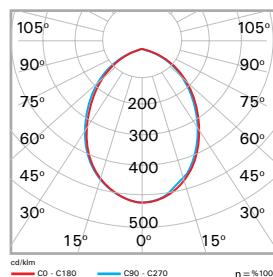
### Technical Specifications

Housing	: Aluminium injection
Diffuser	: PC Reflector / Opal diffuser
Light Source	: SMD LED
Power	: 10 W
Lumen	: 697 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white / Cool white
CRI	: >80
IP	: IP20
Installation	: Recessed
Colors	: RAL 9003

### Technical Drawing



### Photometric Curve



### Dimensions (mm)

a	b	h	Measurements of Ceiling Section
132.6	132.6	54	121 x 121mm

### Options

DALI Compatibility	: Yes
Emergency Kit	: Yes (1-3 hours)





# GIZA



## DECORATIVE LIGHTING LED LUMINAIRES



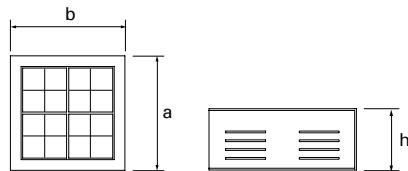
*GIZA is an economic and professional illumination solution that can replace downlight luminaires with its square appearance. It provides you ideal illumination with its surface-mounted housing and internal light directing structure.*



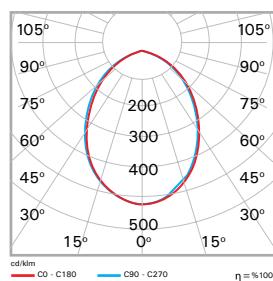
### Technical Specifications

Housing	: DKP sheet metal housing / Aluminium coolant
Diffuser	: PC Reflector / Opal diffuser
Light Source	: SMD LED
Power	: 19 W
Lumen	: 1637 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white / Cool white
CRI	: >80
IP	: IP20
Installation	: Surface mounted
Colors	: RAL 9003

### Technical Drawing



### Photometric Curve



### Dimensions (mm)

a	b	h
351.6	351.6	133.5

# GIZA MINI



## DECORATIVE LIGHTING LED LUMINAIRES



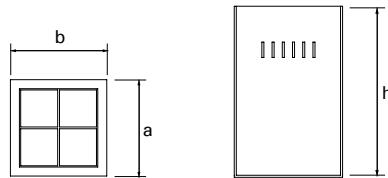
*GIZA MINI has been designed for hallways, stairwells, and transit areas, and provides you a cost-effective and energy efficient alternative to conventional lighting systems. Its minimalist and angular lines makes it ideal for use in lobby-entrance type spaces with its bright colored light option.*



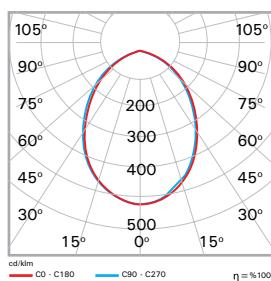
### Technical Specifications

Housing	: DKP sheet metal housing / Aluminium coolant
Diffuser	: PC Reflector / Opal diffuser
Light Source	: SMD LED
Power	: 10 W
Lumen	: 697 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white / Cool white
CRI	: >80
IP	: IP20
Installation	: Surface mounted
Colors	: RAL 9003

### Technical Drawing



### Photometric Curve



### Dimensions (mm)

a	b	h
106	106	220



# BRICK

## DECORATIVE LIGHTING LED LUMINAires



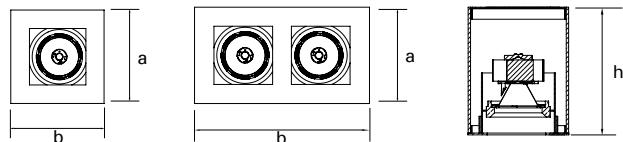
*BRICK*, satisfies the partial or general illumination needs of all types of your interior spaces with its compact housing design, and its deep positioned glare-free light source. You can choose from narrow, medium and wide angle Options.



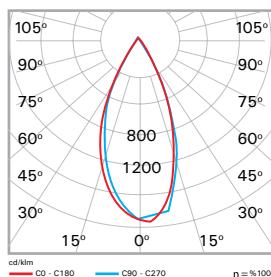
### Technical Specifications

Housing	: Aluminium housing
Optical	: 12° / 20° / 37° Reflector / Diffuser
Light Source	: COB LED
Power	: 7 W / 14 W
Lumen	: 563 lm / 1126 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white
CRI	: >80
IP	: IP20
Installation	: Surface mounted
Colors	: RAL 9010 / RAL 9005

### Technical Drawing



### Photometric Curve



### Dimensions (mm)

Type	a	b	h
1xBRICK	100	100	120
2xBRICK	164	100	120

### Options

Emergency Kit	: Yes (1-3 hours)
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# INUE

## DECORATIVE LIGHTING LED LUMINAires



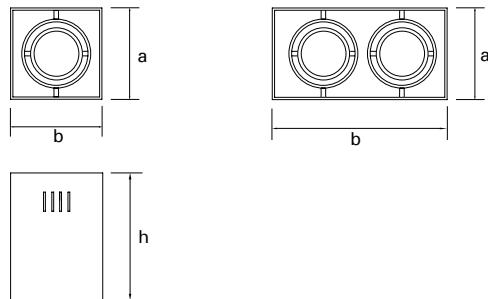
*INUE, enables you to direct the light to walls or other objects with its adjustable spot mechanism. It provides its own contribution to illumination of your medium with the preference of wide angles, while providing a focused illumination with a narrow-angle lamp option. It is ideal for use in meeting rooms, hallways, entrance halls, etc. spaces.*



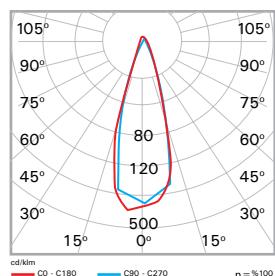
### Technical Specifications

Housing	: Aluminium housing
Light Source	: LED lamp / COB LED
Power	: 7W LED-GU10 / 10W LED-GU 5.3 7W LED-COB / 10W LED COB
Lumen	: (10 W) 551lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white
CRI	: >80
IP	: IP20
Installation	: Surface mounted
Colors	: RAL 9010 / RAL 9005

### Technical Drawing



### Photometric Curve



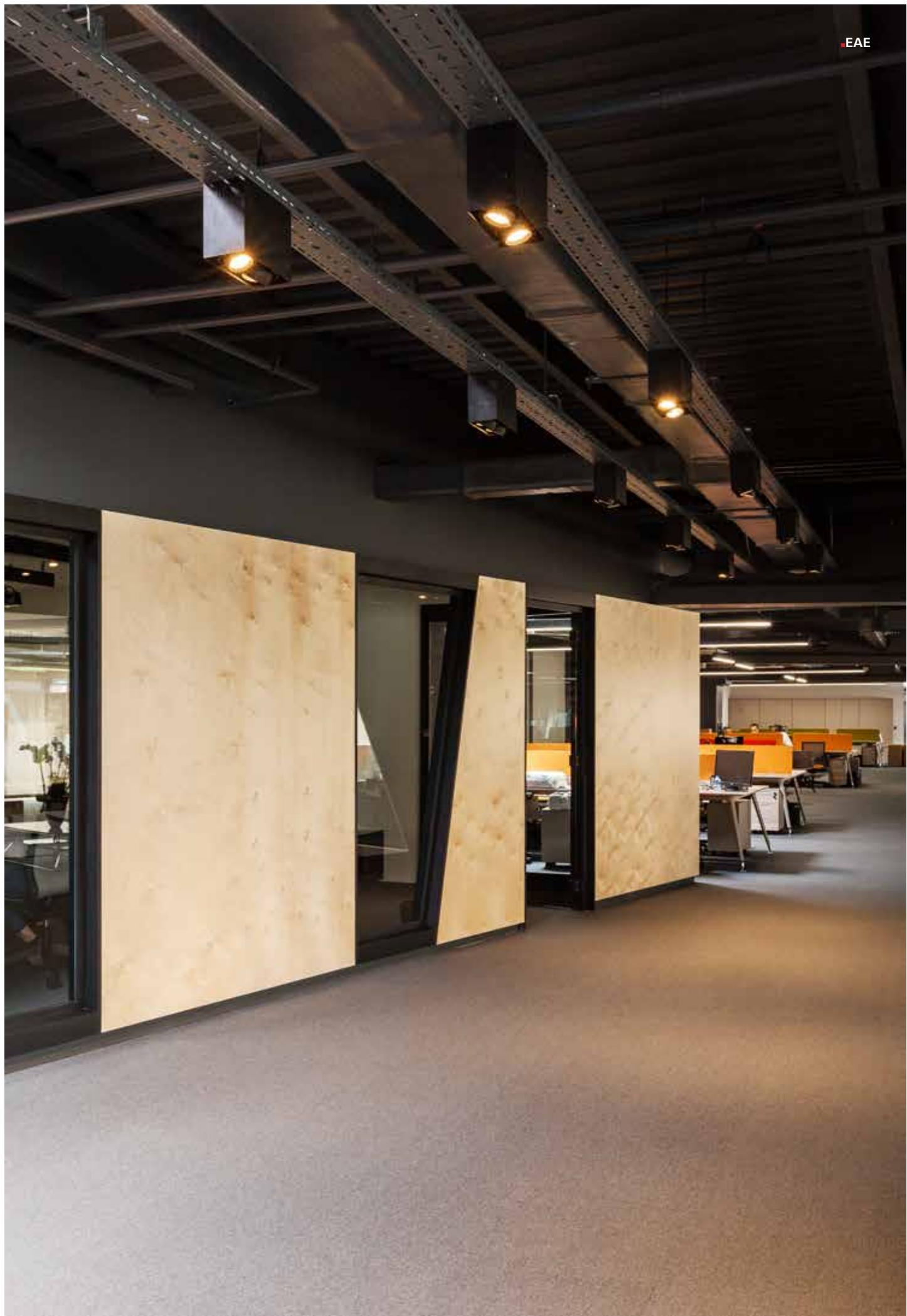
### Dimensions (mm)

Type	a	b	h
1 x 7 W-10 W	100	100	155
2 x 7 W-10 W	100	190	155

### Options

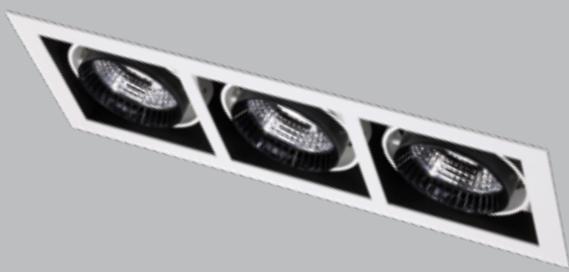
Lamp Options	: LED lamp / Halogen lamp
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# RECTA

## DECORATIVE LIGHTING LED LUMINAires



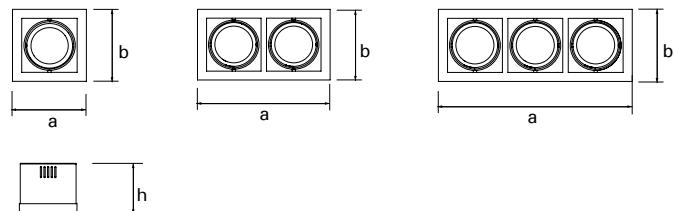
*RECTA, provides you with ideal lighting for your environment that would benefit from spot illumination with its classic framework design and dual ring guidable spot mechanism. It has narrow, medium and wide angle lens choices.*



### Technical Specifications

Housing	: RAL 9006 painted aluminium enjection cooler and profile
Optical	: 18° / 30° / 50° Reflector / Lens
Light Source	: Power LED
Power	: 18 W (1x) / 36 W (2x) / 54 W (3x)
Lumen	: 907 lm / 1814 lm / 2721 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white / Cool white
CRI	: >80
IP	: IP 20
Installation	: Recessed
Colors	: RAL 9010

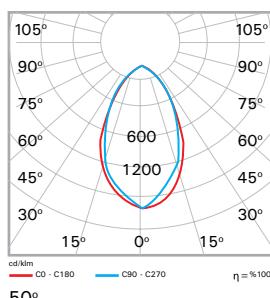
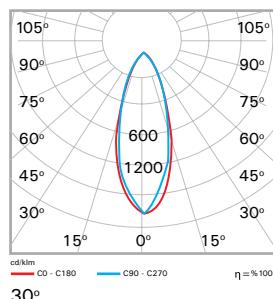
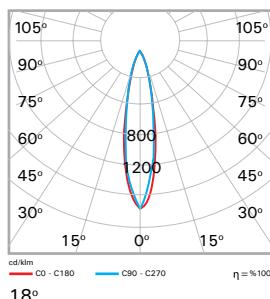
### Technical Drawing



### Dimensions (mm)

Type	a	b	h	Measurements of Ceiling Section
1xRECTA	200	200	174.5	1xRECTA 170mm x 170mm
2xRECTA	372	200	174.5	2xRECTA 340mm x 170mm
3xRECTA	544	200	174.5	3xRECTA 515mm x 170mm

### Photometric Curve



### Options

DALI Compatibility	: Yes
Emergency Kit	: Yes (1-3 hours)



# MATRIS

## DECORATIVE LIGHTING LED LUMINAIRES



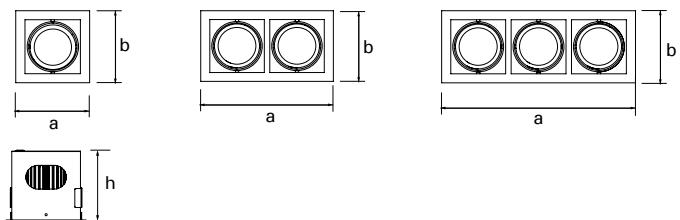
**MATRIS**, with the classic design of its frame and dual-ring guidable spot mechanism, is ideal for lighting stores, showrooms and retail spaces with the use of correct techniques. Optic varieties and different lumen values offered by this product render Matris one of your fundamental tools to be used in spotlighting.



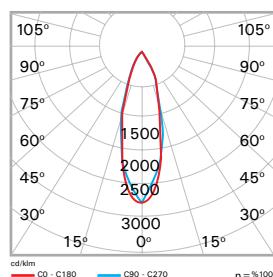
### Technical Specifications

Housing	: Aluminium housing
Optical	: 15° / 30° / 45° / 60° Reflector / Glass
Light Source	: COB LED
Power	: (1x) 20 W / 24 W / 28 W / 37 W (2x) 40 W / 48 W / 56 W / 74 W (3x) 60 W / 72 W / 84 W / 111 W
Lumen	: (1x) 2079 lm / 2439 lm / 2773 lm / 3407 lm (3x) 6379 lm / 7468 lm / 8494 lm / 10346 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white
CRI	: >80 / >90
IP	: IP20
Installation	: Recessed
Colors	: White / Black

### Technical Drawing



### Photometric Curve



### Dimensions (mm)

Type	a	b	h	Measurements of Ceiling Section
1xMATRIS	168	168	147	1xMATRIS 155mm x 155mm
2xMATRIS	372	168	147	2xMATRIS 310mm x 155mm
3xMATRIS	464	168	147	3xMATRIS 452mm x 155mm

### Options

DALI Compatibility	: Yes
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# KRIZA

## DECORATIVE LIGHTING LED LUMINAIRES



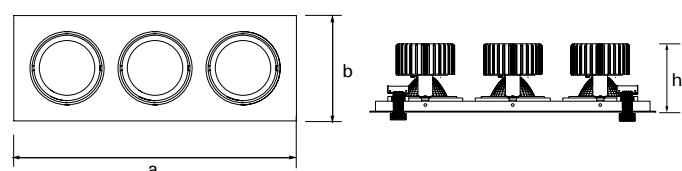
**KRIZA**, with its surface-level frame and being unrestricted in a casing, adds flair to your environments where spot illumination is necessary. It provides the ideal solution for all spaces used for retail and display purposes with optic varieties and different lumen values it offers.



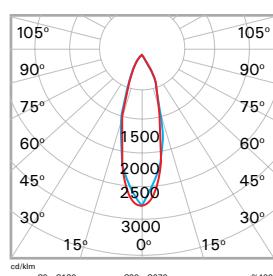
### Technical Specifications

Housing	: Aluminium housing
Optical	: 20° / 30° / 40° / 55° Reflector / Glass
Light Source	: COB LED
Power	: (20°) 20 W / 24 W / 28 W / 35 W (30°) 28 W / 24 W / 28 W / 35 W (40°) 20 W / 24 W / 28 W / 35 W (55°) 20 W / 24 W / 28 W / 35 W
Lumen	: (20°) 2555 lm / 2535 lm / 2810 lm / 3502 lm (30°) 2106 lm / 2472 lm / 2887 lm / 3470 lm (40°) 2080 lm / 2448 lm / 2876 lm / 3513 lm (55°) 2152 lm / 2531 lm / 2892 lm / 3527 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white
CRI	: >80 / >90
IP	: IP20
Installation	: Recessed
Colors	: White / Black

### Technical Drawing



### Photometric Curve



### Dimensions (mm)

Type	a	b	h
1xKRIZA	150	150	110
2xKRIZA	300	150	110
3xKRIZA	410	150	110

#### Measurements of Ceiling Section

1xKRIZA	140mm x 140mm
2xKRIZA	140mm x 285mm
3xKRIZA	140mm x 390mm

### Options

DALI Compatibility	: Yes
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# FRIDA-Y

## DECORATIVE LIGHTING LED LUMINAIRES



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FRIDA-Y offers an energy efficient alternative to your traditional lighting systems with its Optically rich and high lumen value technical infrastructure. The housing of the luminaire can be moved in any direction and as such provides the ideal solution for all your retail and display areas that require flexibility.

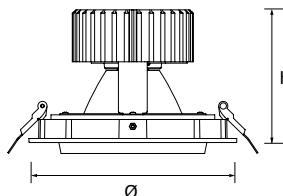
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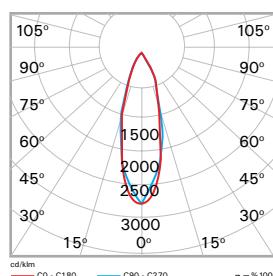
### Technical Specifications

Housing	: Aluminium housing
Optical	: 15° / 30° / 45° Reflector / Glass
Light Source	: COB LED
Power	: (15°) 20 W / 24 W / 28 W / 35 W / 41 W / 48 W (30°) 20 W / 24 W / 28 W / 35 W / 41 W / 48 W (45°) 20 W / 24 W / 28 W / 35 W / 41 W / 48 W
Lumen	: (15°) 2167 lm / 2521 lm / 2873 lm / 3588 lm / 3972 lm / 4552 lm (30°) 2146 lm / 2498 lm / 2870 lm / 3538 lm / 3937 lm / 4357 lm (45°) 2127 lm / 2493 lm / 2863 lm / 3535 lm / 3922 lm / 4453 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white
CRI	: >80 / >90
IP	: IP20
Installation	: Recessed
Colors	: White / Black

### Technical Drawing



### Photometric Curve



### Dimensions (mm)

Ø	h
180	125

Measurements of  
Ceiling Section  
Ø 170mm

### Options

DALI Compatibility	: Yes
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# MATRIS-Y

## DECORATIVE LIGHTING LED LUMINAIRES

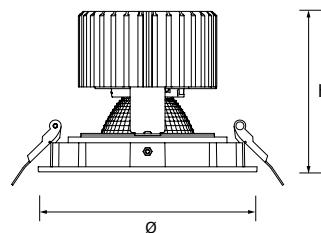
**MATRIS-Y**, with its round frame and dual-ring guidable spot mechanism, is ideal for the lighting of your retail spaces where spotlighting is necessary. It provides effective lighting ensuring energy savings with the Optical varieties it offers.



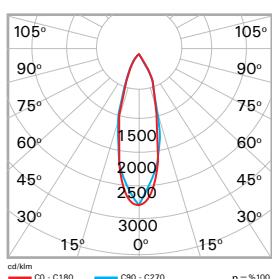
### Technical Specifications

Housing	: Aluminium housing
Optical	: 20° / 30° / 40° / 55° Reflector
Diffuser	: Clear glass
Light Source	: COB LED
Power	: 20 W / 24 W / 28 W / 35 W
Lumen	: (20 W) (20°) 2155 lm (30°) 2106 lm (40°) 2080 lm (55°) 2152 lm : (24 W) (20°) 2534 lm (30°) 2471 lm (40°) 2448 lm (55°) 2530 lm : (28 W) (20°) 2886 lm (30°) 2809 lm (40°) 2876 lm (55°) 2891 lm : (35 W) (20°) 3501 lm (30°) 3469 lm (40°) 3513 lm (55°) 3527 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white
CRI	: >80 / >90
IP	: IP20
Installation	: Recessed
Colors	: White / Black

### Technical Drawing



### Photometric Curve



### Dimensions (mm)

Measurements of Ceiling Section	
Ø 150	h 111

### Options

DALI Compatibility : Yes





## DECORATIVE LIGHTING LED LUMINAIRES



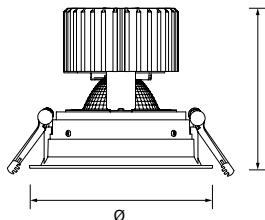
**BISTA**, as an embedded light source, does not cause any glare. It is ideal for your retail environments that need spotlighting with its all-directional moving dual-ring spot mechanism. It provides effective lighting ensuring energy savings with the Optical varieties it offers.



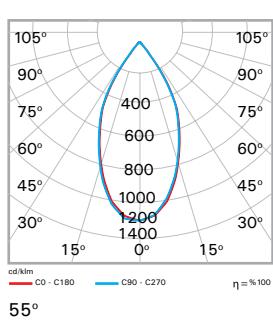
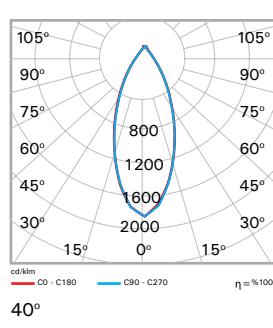
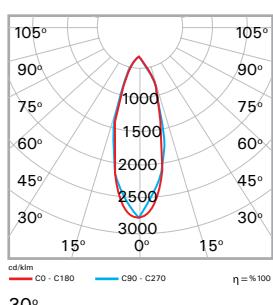
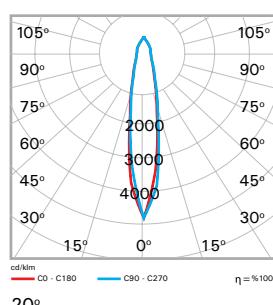
### Technical Specifications

Housing	: Aluminium housing
Optical	: 20° / 30° / 40° / 55° Reflector
Diffuser	: Clear glass
Light Source	: COB LED
Power	: 20 W / 24 W / 28 W / 35 W
Lumen	: (20 W) (20°) 2155 lm (30°) 2106 lm (40°) 2080 lm (55°) 2152 lm : (24 W) (20°) 2534 lm (30°) 2471 lm (40°) 2448 lm (55°) 2530 lm : (28 W) (20°) 2886 lm (30°) 2809 lm (40°) 2876 lm (55°) 2891 lm : (35 W) (20°) 3501 lm (30°) 3469 lm (40°) 3513 lm (55°) 3527 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white
CRI	: >80 / >90
IP	: IP20
Installation	: Recessed
Colors	: White / Black

### Technical Drawing



### Photometric Curve



### Options

DALI Compatibility	: Yes
Emergency Kit	: Yes (1-3 hours)



# BISTA-K

## DECORATIVE LIGHTING LED LUMINAIRES



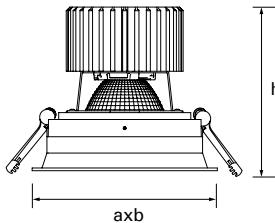
**BISTA-K**, as an embedded light source, does not cause any glare. It is ideal for your retail environments that need spotlighting with its all-directional moving dual-ring spot mechanism. It provides effective lighting ensuring energy savings with the Optical varieties it offers.



### Technical Specifications

Housing	: Aluminium housing
Optical	: 20° / 30° / 40° / 55° Reflector
Diffuser	: Clear glass
Light Source	: COB LED
Power	: 20 W / 24 W / 28 W / 35 W
Lumen	: (20 W) (20°) 2155 lm (30°) 2106 lm (40°) 2080 lm (55°) 2152 lm : (24 W) (20°) 2534 lm (30°) 2471 lm (40°) 2448 lm (55°) 2530 lm : (28 W) (20°) 2886 lm (30°) 2809 lm (40°) 2876 lm (55°) 2891 lm : (35 W) (20°) 3501 lm (30°) 3469 lm (40°) 3513 lm (55°) 3527 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white
CRI	: >80 / >90
IP	: IP20
Installation	: Recessed
Colors	: White / Black

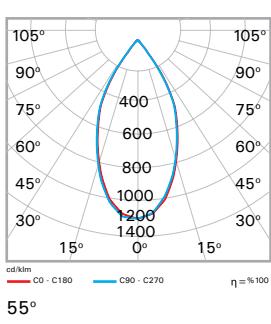
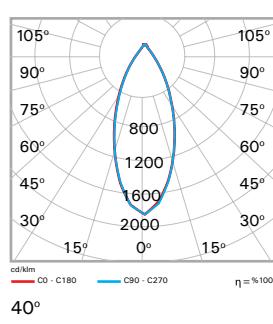
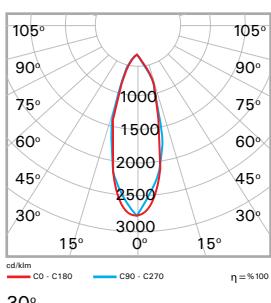
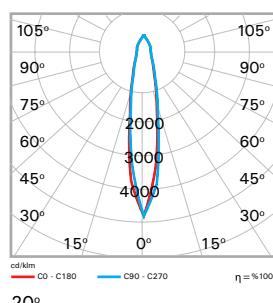
### Technical Drawing



### Dimensions (mm)

axb	h	Measurements of Ceiling Section
150	133	140x140mm

### Photometric Curve



### Options

DALI Compatibility	: Yes
Emergency Kit	: Yes (1-3 hours)



## DECORATIVE LIGHTING LED LUMINAIRES



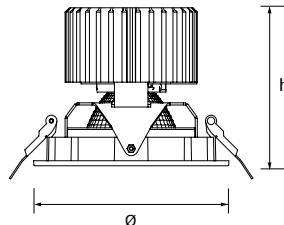
**BISTA**, as an embedded light source, does not cause any glare. It is ideal for your retail environments that need spotlighting with its all-directional moving dual-ring spot mechanism. It provides effective lighting ensuring energy savings with the Optical varieties it offers.



### Technical Specifications

Housing	: Aluminium housing
Optical	: 20° / 30° / 40° / 55° Reflector
Diffuser	: Clear glass
Light Source	: COB LED
Power	: 20 W / 24 W / 28 W / 35 W
Lumen	: (20 W) 2155 lm / 2106 lm / 2080 lm / 2152 lm (24 W) 2534 lm / 2471 lm / 2448 lm / 2530 lm (28 W) 2886 lm / 2809 lm / 2876 lm / 2891 lm (35 W) 3501 lm / 3469 lm / 3513 lm / 3527 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white
CRI	: > 80 / > 90
IP	: IP20
Installation	: Recessed
Colors	: White / Black

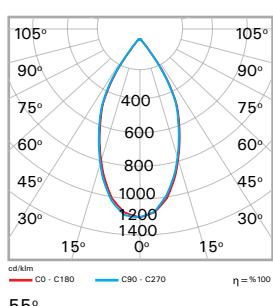
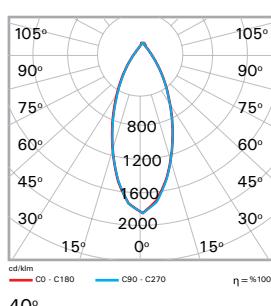
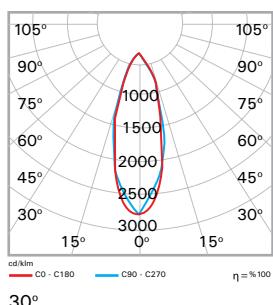
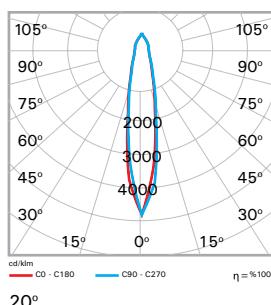
### Technical Drawing



### Dimensions (mm)

Ø	h	Measurements of Ceiling Section
140	111	Ø 130mm

### Photometric Curve



### Options

DALI Compatibility	: Yes
Emergency Kit	: Yes (1-3 hours)



## DECORATIVE LIGHTING LED LUMINAIRES

**“**

*ORI, provides you effective lighting ensuring energy savings with its fixed frame structure and different lumen choices in all of your retail and display spaces that require general lighting techniques.*

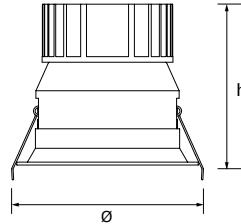
**”**



### Technical Specifications

Housing	: Aluminium extrusion housing
Optical	: 45° Reflector / Glass
Light Source	: COB LED
Power	: 20 W / 24 W / 28 W / 37 W
Lumen	: (30°) 2106 lm / (30°) 2471 lm / (30°) 2809 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white
CRI	: >80 / >90
IP	: IP20
Installation	: Recessed
Colors	: White / Black

### Technical Drawing



### Options

DALI Compatibility	: Yes
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### Dimensions (mm)

Measurements of Ceiling Section	
Ø 125	h 111



# ORI MINI



## DECORATIVE LIGHTING LED LUMINAIRES

“

*ORI MINI, as an embedded light source, is glare-free. It provides you effective lighting ensuring energy savings compared to conventional alternatives with halogen lamp. It has narrow and wide angle Optical Options.*

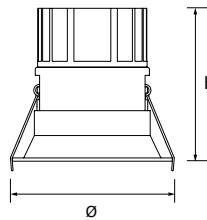
”



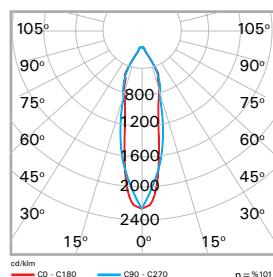
### Technical Specifications

Housing	: Aluminium extrusion housing
Optical	: 25° / 45° Reflector / Glass
Light Source	: COB LED
Power	: 11 W
Lumen	: 778.7 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white
CRI	: >80 / >90
IP	: IP20
Installation	: Recessed
Colors	: White / Black

### Technical Drawing



### Photometric Curve



### Dimensions (mm)

Ø	h	Measurements of Ceiling Section
95	91	Ø 85mm

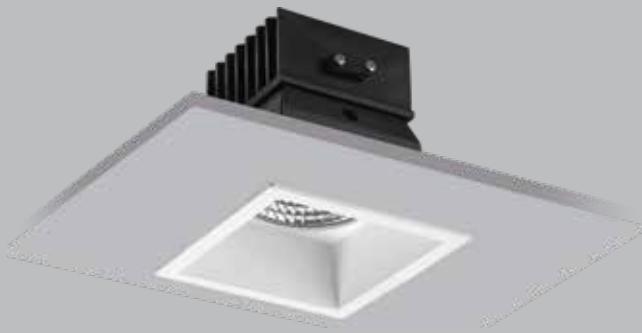
### Options

DALI Compatibility : Yes



# ORI-K MINI

DECORATIVE LIGHTING LED LUMINAIRES



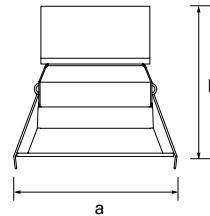
*ORI-K MINI, as an embedded light source, is glare-free. It provides you effective lighting ensuring energy savings compared to conventional alternatives with halogen lamp. It has narrow and wide angle Optical Options.*



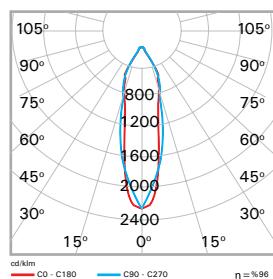
## Technical Specifications

Housing	: Aluminium extrusion housing
Optical	: 25° / 45° Reflector / Glass
Light Source	: COB LED
Power	: 11 W
Lumen	: 793 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white
CRI	: >80 / >90
IP	: IP20
Installation	: Recessed
Colors	: White / Black

## Technical Drawing



## Photometric Curve



## Dimensions (mm)

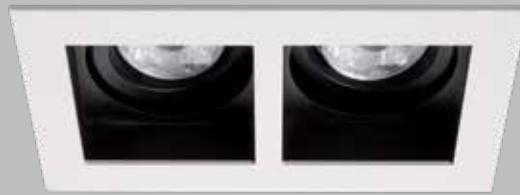
a	b	h	Measurements of Ceiling Section
96	96	91	85 x 85mm

## Options

DALI Compatibility : Yes



# RECTA MINI



## DECORATIVE LIGHTING LED LUMINAIRES



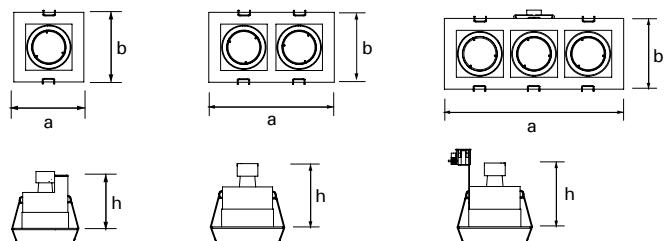
*RECTA MINI is used for localized lighting in meeting rooms, corridors, entrances, houses and hotels. The adjustable spotlight mechanism allows the light to be directed to a wall or another object. The embedded light source is glare-free.*



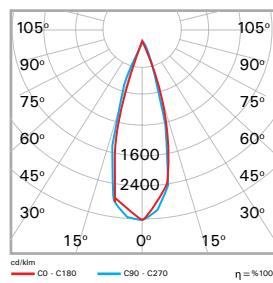
### Technical Specifications

Housing	: Aluminium housing
Optical	: PC reflector / lens
Light Source	: COB LED
Power	: 12 W / 21 W / 34 W
Lumen	: 551 lm / 953 lm / 1518 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white
CRI	: >80
IP	: IP20
Installation	: Recessed
Colors	: RAL 9010

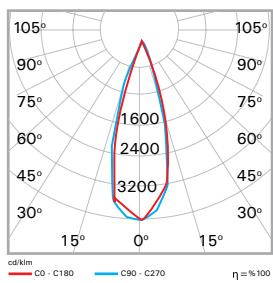
### Technical Drawing



### Photometric Curve



12 W / 21 W



34 W

### Dimensions (mm)

Type	a	b	h
1xRECTA	95	95	87.5
2xRECTA	170	95	87.5
3xRECTA	240	95	87.5

### Measurements of Ceiling Section

1xRECTA	: 75mm x 75mm
2xRECTA	: 75mm x 145mm
3xRECTA	: 220mm x 75mm

### Options

Color Option	: RAL 9005
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# E-SPOT



## DECORATIVE LIGHTING LED LUMINAIRES

**E-SPOT**

*E-SPOT is ideal for your projects that require diversity in terms of frame color and housing options but at the same time need economic solutions that provide energy savings. This product meets all your localized or general indoor lighting requirements with different lumen values and narrow-medium-wide angle choices.*

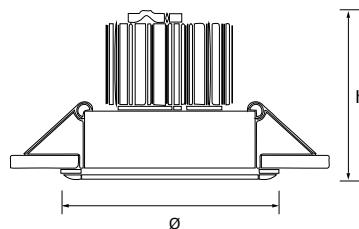
**“ ”**



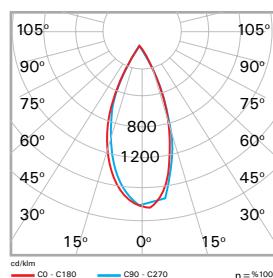
### Technical Specifications

Housing	: Aluminium housing
Optical	: 12° / 20° Metallized reflector
Light Source	: COB LED
Power	: 7 W / 11 W
Lumen	
Open front	: (3000K) 7 w 601 lm - 11 w 861 lm (4000K) 7 w 613 lm - 11 w 861.2 lm
Opal diffuser	: (3000K) 7 w 563 lm - 11 w 861 lm / (4000K) 11 w 861.2 lm
Frosted diffuser	: (3000K) 7 w 747 lm - 11 w 747 lm / (4000K) 11 w 747 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white
CRI	: >80
IP	: IP20
Installation	: Recessed
Colors	: White / Grey / Black

### Technical Drawing



### Photometric Curve



### Dimensions (mm)

Type	$\emptyset$	$h_{(4 \text{ W}-7 \text{ W})}$	$h_{(11 \text{ W})}$	Measurements of Ceiling Section
YD (Mobile Deep)	100	72	82	YD (Mobile Deep) 085mm
KD (Mobile Deep)	100	72	82	KD (Mobile Deep) 085mm
YB-YA (Fixed)	79	58.5	68.5	YB-YA Sabit (White/Alum.) 065mm
KB (Mobile)	92	61.5	71.5	KB (Mobile) 080mm
YN (Mobile Nickel)	85	59.5	69.5	YN Hareketli (Mobile Nickel) 073mm

### Options

Frame Colors	: Round mobile deep / Square mobile deep square mobile / Round mobile nickel
Options	: Front open / Opal diffuser / Frosted diffuser
DALI Compatibility	: Yes



# SERA

## DECORATIVE LIGHTING LED LUMINAIRES



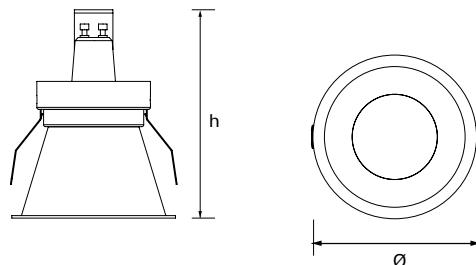
*SERA is a product of plain aesthetics with a rimless frame of few lines, an elegant look and glare-free embedded light source. It is ideal for use in corridors, meeting rooms, houses and hotels.*



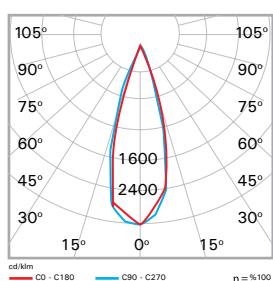
### Technical Specifications

Housing	: Aluminium housing
Optical	: Reflector / Diffuser
Light Source	: LED lamp
Power	: 7 W / 10 W
Lumen	: 563 lm / 861 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white
CRI	: >80 / >90
IP	: IP20
Installation	: Recessed
Colors	: RAL 9004 / RAL 9010

### Technical Drawing



### Photometric Curve



### Dimensions (mm)

Ø	h	Measurements of Ceiling Section
85	108	Ø 80mm



# PIXA

## DECORATIVE LIGHTING LED LUMINAIRES



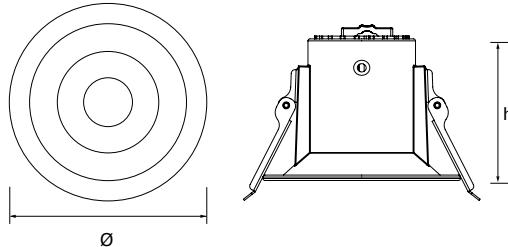
PIXA has a simple design with its light source imbedded deep and a frame structure with broad and soft transitioning lines. It can be used for localized or general lighting in meeting rooms, corridors, entrance halls, houses and hotels.



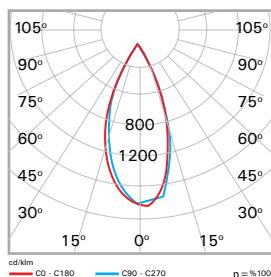
### Technical Specifications

Housing	: Aluminium housing
Optical	: Reflector / Diffuser
Light Source	: COB LED
Power	: 7 W
Lumen	: 563 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white
CRI	: >80
IP	: IP20
Installation	: Recessed
Colors	: RAL 9003

### Technical Drawing



### Photometric Curve



### Dimensions (mm)

Ø	h	Measurements of Ceiling Section
100	77.5	Ø 90mm

### Options

DALI Compatibility	: Yes
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# T-SPOT

## DECORATIVE LIGHTING LED LUMINAIRES



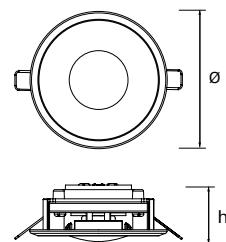
*T-SPOT, with its compact design and high lumen value, can be used as an integrated luminaire in your indoor lighting projects. It emits the light in all directions with its opal diffuser.*



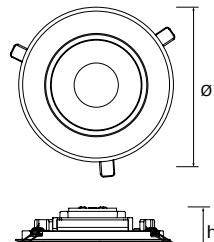
### Technical Specifications

Housing	: White PC housing / Aluminium injection cooler
Optical	: High efficiency diffuser / Wide angle reflector
Light Source	: Power LED
Power	: 5 W / 7 W
Lumen	: 405 lm / 685 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white
CRI	: >80
IP	: IP20
Installation	: Recessed
Colors	: White

### Technical Drawing

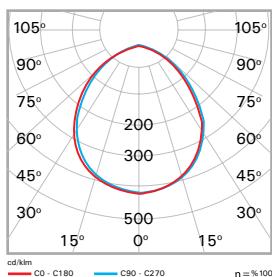


Standard T-SPOT



Emergency Kit T-SPOT

### Photometric Curve



### Dimensions (mm)

Type	Ø	h	Measurements of Ceiling Section
Standard T-SPOT	90	38.5	Standard T-Spot Ø76mm
EMK T-SPOT	140	44	EMK T-spot Ø130mm

### Options

DALI Compatibility	: Yes
Emergency Kit	: Yes (1-3 hours)



# S-NAIL

## DECORATIVE LIGHTING LED LUMINAIRES



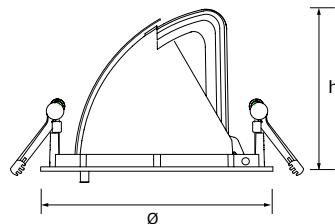
**S-NAIL** is ideal for the lighting of perpendicular surfaces with its housing design consisting of classic lines and articulated spot mechanism. The optic variety and different lumen values this product offers render S-NAIL one of the fundamental tools that could be used in your perpendicular illumination.



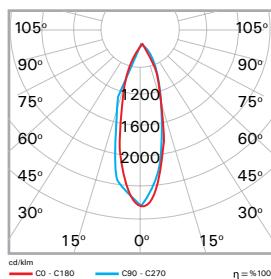
### Technical Specifications

Housing	: Aluminium housing
Optical	: 15° / 30° / 45° / 60° Reflector / Glass
Light Source	: COB LED
Power	: 20 W / 24 W / 28 W / 35 W
Lumen	: 2164 lm / 2532 lm / 2886 lm / 3546 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white
CRI	: >80 / >90
IP	: IP20
Installation	: Recessed
Colors	: White / Black / Grey

### Technical Drawing



### Photometric Curve



### Dimensions (mm)

Ø	h	Measurements of Ceiling Section
165	125	Ø 155mm

### Options

DALI Compatibility	: Yes
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# TETRA

## DECORATIVE LIGHTING LED LUMINAIRES



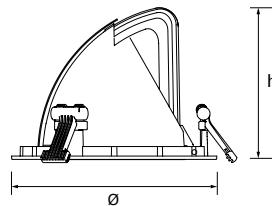
**TETRA** has been designed for the lighting of perpendicular surfaces with its articulated spot mechanism. Display shelves, panels and similar places are illuminated by using tetra in stores, showrooms and retail spaces. It offers different optic choices in the form of narrow, medium and wide angle.



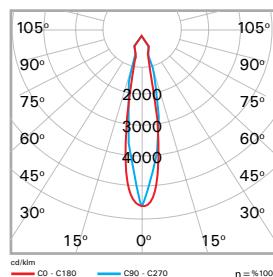
### Technical Specifications

Housing	: Aluminium housing
Optical	: 15° / 24° / 36° Reflector / Glass
Light Source	: COB LED
Power	: 20 W / 24 W / 28 W
Lumen	: 2216 lm / 2602 lm / 2958 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white
CRI	: >80 / >90
IP	: IP20
Installation	: Recessed
Colors	: White / Black / Grey

### Technical Drawing



### Photometric Curve



### Dimensions (mm)

Ø	h	Measurements of Ceiling Section
195	144	Ø 185mm

### Options

DALI Compatibility	: Yes
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# NOTA

## DECORATIVE LIGHTING LED LUMINAIRES



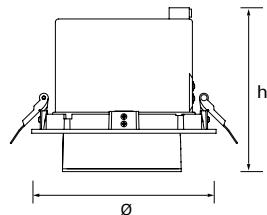
**NOTA** is used for the lighting of your stores, showrooms and retail spaces with its structure that is fully articulated and can completely come out of its bearing. It provides energy efficient and effective lighting on perpendicular surfaces such as display shelves, wall surfaces, etc.



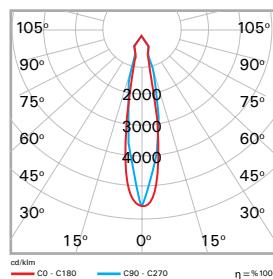
### Technical Specifications

Housing	: Aluminium housing
Optical	: 15° / 30° / 45° / 60° Reflector / Glass
Light Source	: COB LED
Power	: 20 W / 23 W / 27 W / 34 W
Lumen	: 2085 lm / 2439 lm / 2771 lm / 3394 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white
CRI	: >80 / >90
IP	: IP20
Installation	: Recessed
Colors	: White / Black / Grey

### Technical Drawing



### Photometric Curve



### Dimensions (mm)

Ø	h	Measurements of Ceiling Section
170	146	Ø 160mm

### Options

DALI Compatibility	: Yes
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# COOLED

## DECORATIVE LIGHTING LED LUMINAIRES



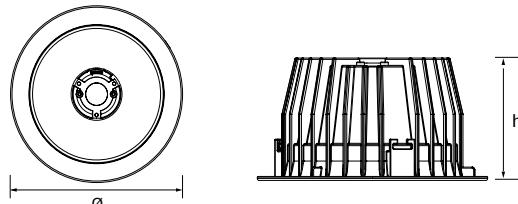
**COOLED** is glare-free with its white reflector of hyperbolic design. It has rotational spotlight effect in terms of the characteristic of the light it emits and as such gives the impression of light floating down from the ceiling. It is ideal for your projects that require high level of visual comfort.



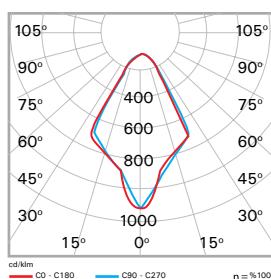
### Technical Specifications

Housing	: Aluminium injection housing
Optical	: Reflector
Light Source	: SMD LED
Power	: 8 W(Ø89) / 10 W(Ø116) / 20 W(Ø178) / 30 W(Ø178)
Lumen	: 581 lm / 781 lm / 1746 lm / 2659 lm
Reflector	
Matt	: (20 W) 1782 lm
Semi Matt	: (20 W) 1766 lm
White	: (20 W) 1944 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white
CRI	: >80
IP	: IP20
Installation	: Recessed
Colors	: RAL 9003 / Chrome

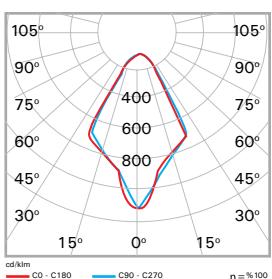
### Technical Drawing



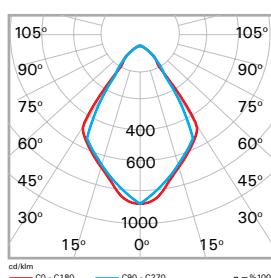
### Photometric Curve



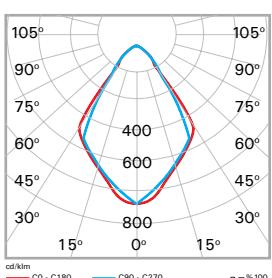
8 W



10 W



20 W



30 W

### Dimensions (mm)

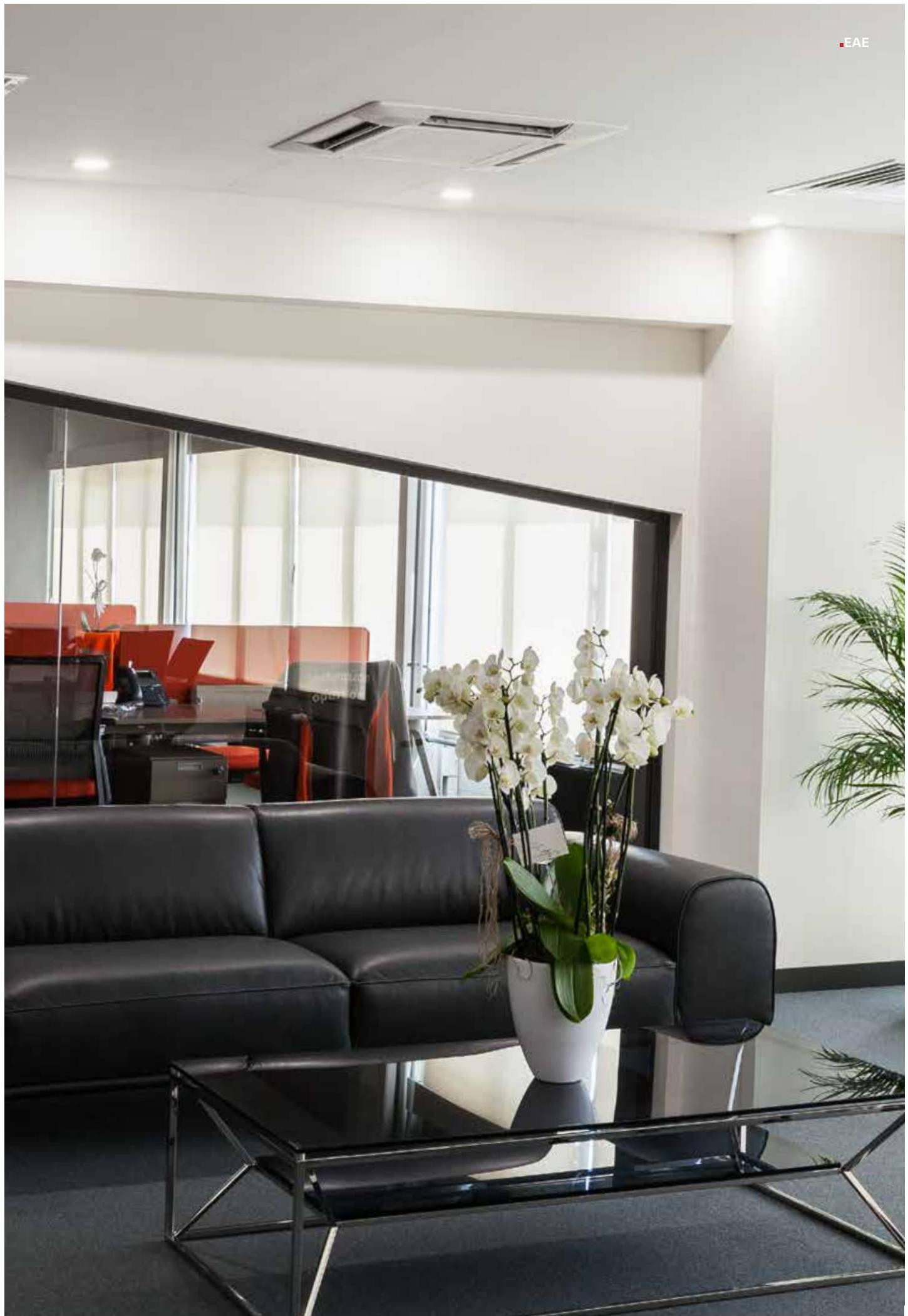
Type	Ø	h
8 W	89	58
10 W	116	75
20 W	178	92
30 W	178	92

Measurements of Ceiling Section	
8 W	Ø78mm
10 W	Ø105mm
20 W	Ø160mm
30 W	Ø160mm

### Options

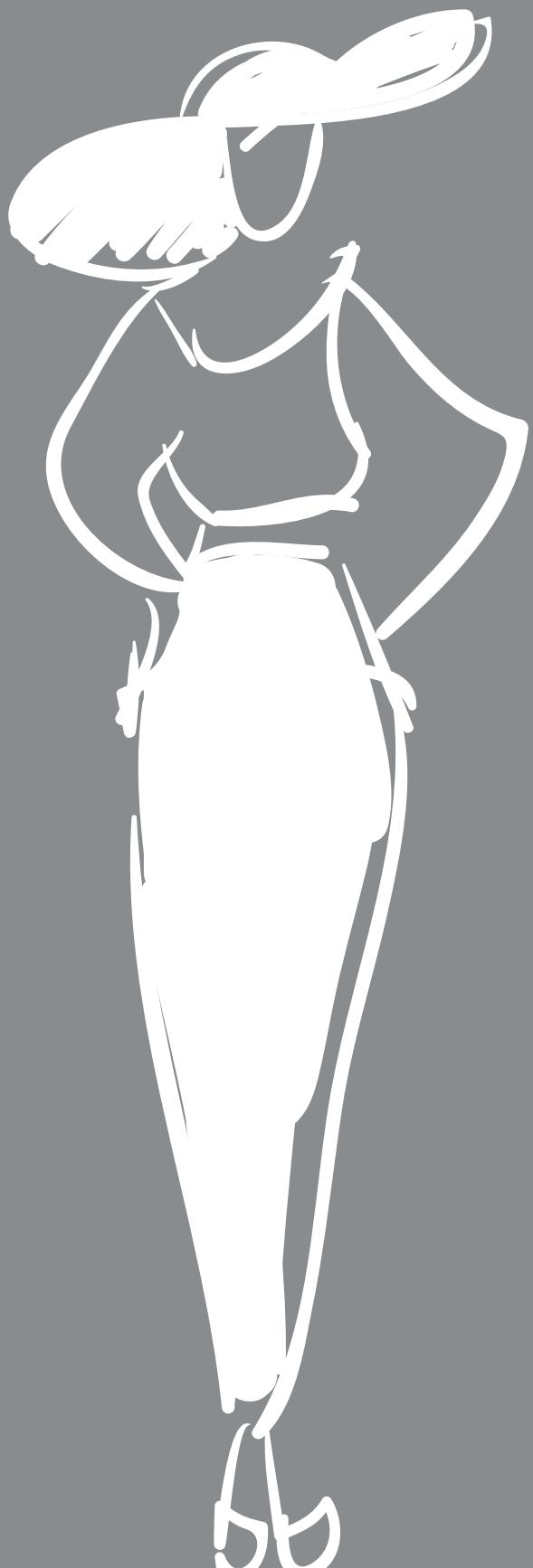
Emergency Kit : Yes (1-3 hours)







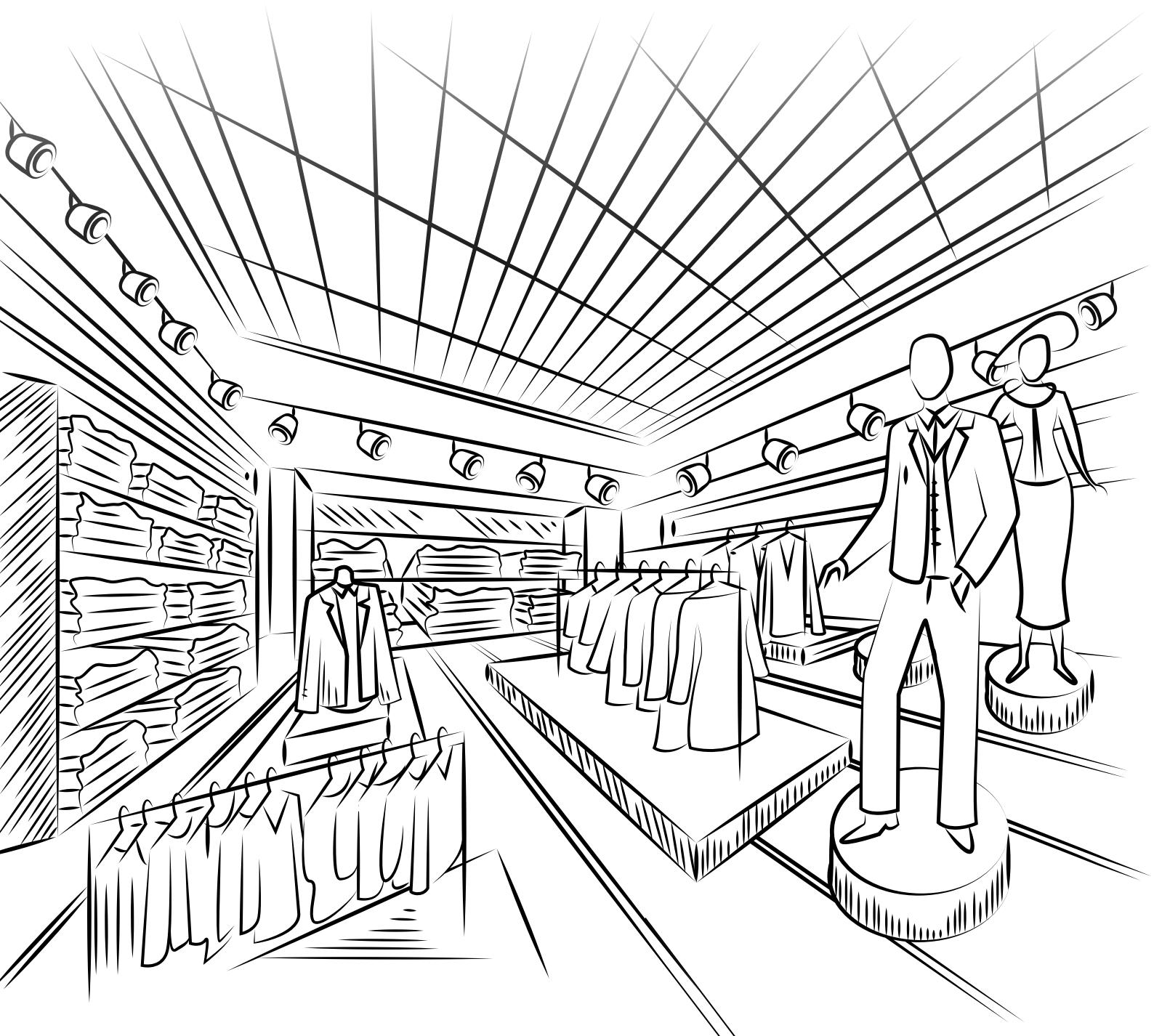
D R A Y L E D



*R a y S p o t*  
*L u m i n a i r e S e r i e s*

**R a y   S p o t**  
*Lumininaire Series*

- RAYLED
- PICA-V
- PICA-H
- CUBO
- SIMO
- MIRO-S
- MIRO
- OXI
- OCTO
- FRIDA-R



•RAYLED



220. SAYFA

•PICA-V



222. SAYFA

•PICA-H



224. SAYFA

•CUBO



226. SAYFA

•SIMO



227. SAYFA

•MIRO-S



228. SAYFA

•MIRO



230. SAYFA

•OXI



231. SAYFA

•OCTO



232. SAYFA

•FRIDA-R



234. SAYFA

## DECORATIVE LIGHTING LED LUMINAIRES



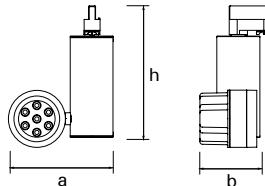
**RAYLED** has a modern and dynamic look with its cylindrical driver casing, finned housing design with cooling effect and lens-reflector optical structure. It is used in track lighting with narrow, medium and wide angle selections.



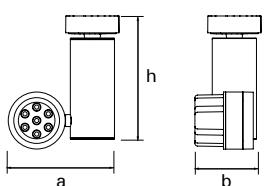
### Technical Specifications

Housing	: RAL 9010 Powder finished aluminium housing
Optical	: 18° / 30° / 50° Reflector
Light Source	: Power LED
Power	: 18 W
Lumen	: (18°) 907 lm / (30°) 917 lm / (50°) 959 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white
CRI	: >80
IP	: IP20
Installation	: Three phase railed
Colors	: RAL 9005 / RAL 9006

### Technical Drawing

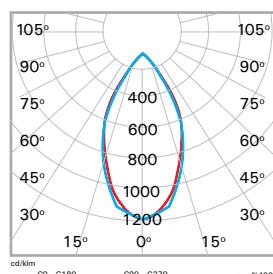
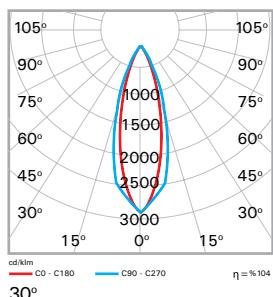
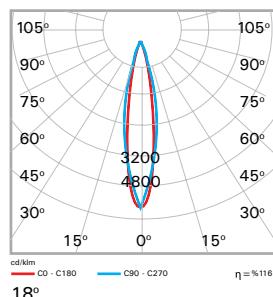


RAYLED Three phase



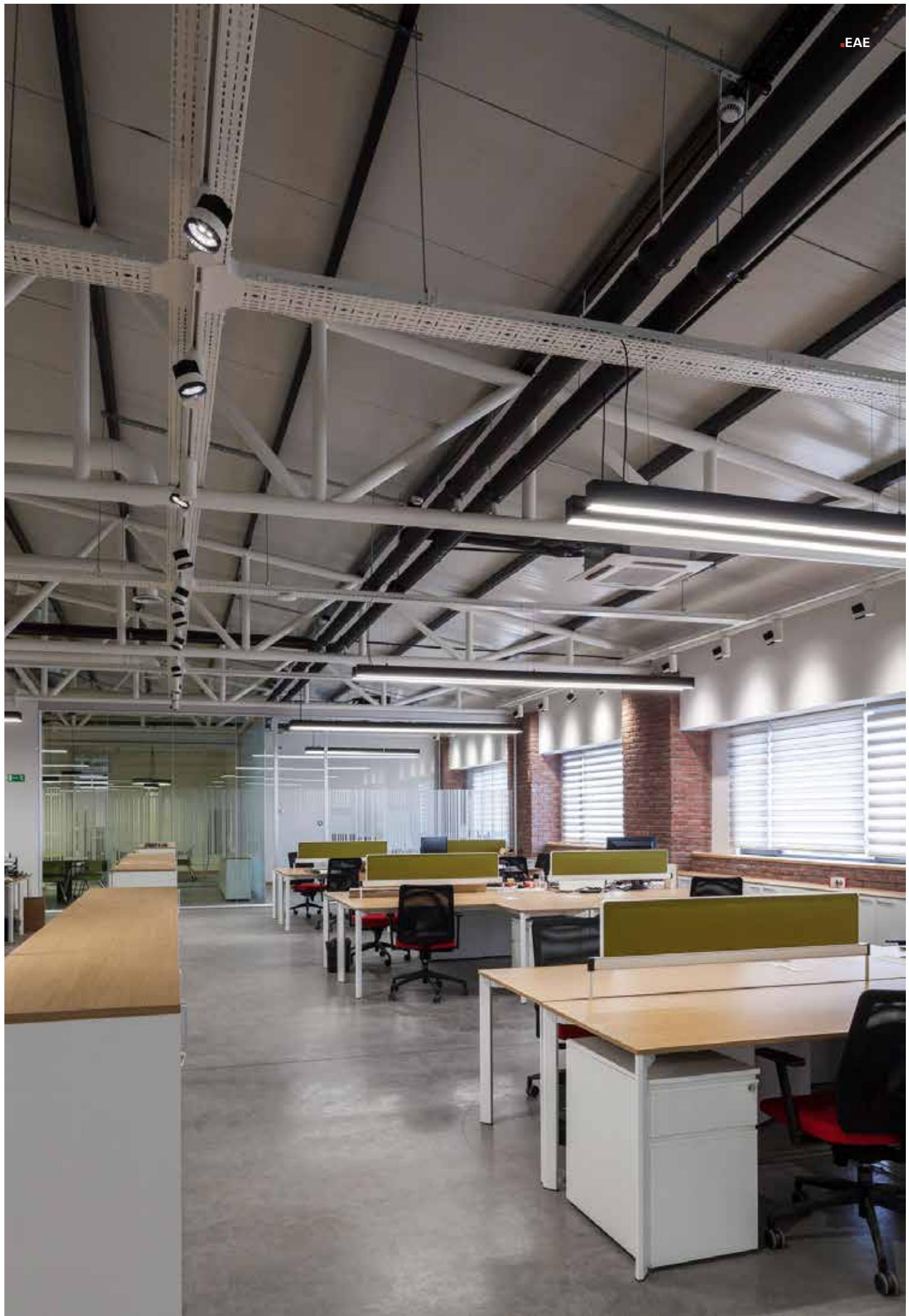
RAYLED Surface mounted

### Photometric Curve



### Dimensions (mm)

Type	a	b	h
Three phase	205	142	253
Surface mounted	205	118	234.5



# PICA-V



## DECORATIVE LIGHTING LED LUMINAIRES



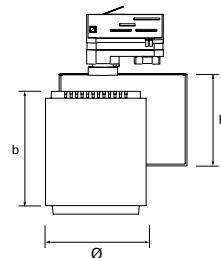
*PICA-V displays a simple and elegant look with its layered frame covering the cooling fins. Vertically positioned driver box exhibits a compact appearance. This product meets your requirements for track lighting with its different optic choices and lumen values.*



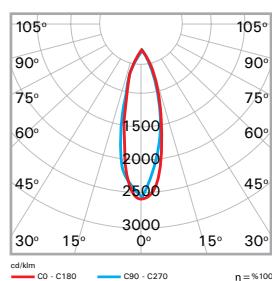
### Technical Specifications

Housing	: Aluminium housing
Optical	: 20°/ 30°/ 45°/ 55° Reflector
Diffuser	: Clear glass
Light Source	: COB LED
Power	: (20°) 20 W / 24 W / (30°) 20 W / 24 W (40°) 20 W / 24 W / (55°) 20 W / 24 W
Lumen	: (20°) 1882 lm - 2287 lm / (30°) 1925 lm - 2061 lm (40°) 1953 lm - 2259 lm / (55°) 1962 lm - 2282 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white
CRI	: >80 / >90
IP	: IP20
Installation	: Three phase railed
Colors	: White / Grey / Black

### Technical Drawing



### Photometric Curve



### Dimensions (mm)

Ø	b	h
110	136	102

### Options

DALI Compatibility	: Yes
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# PICA-H

DECORATIVE LIGHTING LED LUMINAIRES



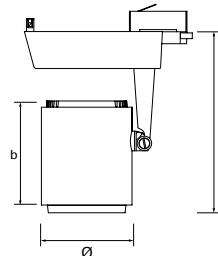
*PICA-H displays a compact appearance with its horizontally positioned driver box and articulated arm connected at a single point. The double-layer smooth surface that covers the cooling fins highlights the calm and elegant quality of this track light.*



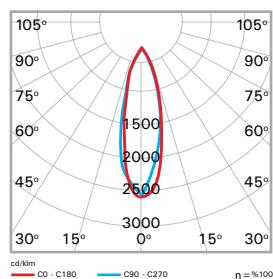
## Technical Specifications

Housing	: Aluminium housing
Optical	: 10°/ 20°/ 30°/ 45°/ 55° Reflector
Diffuser	: Clear glass
Light Source	: COB LED
Power	: (20°) 20 W / 24 W / (30°) 20 W / 24 W (40°) 20 W / 24 W / (55°) 20 W / 24 W
Lumen	: (20°) 1882 lm - 2287 lm / (30°) 1925 lm - 2061 lm (40°) 1953 lm - 2259 lm / (55°) 1962 lm - 2282 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white
CRI	: >80 / >90
IP	: IP20
Installation	: Three phase railed
Colors	: White / Grey / Black

## Technical Drawing



## Photometric Curve



## Dimensions (mm)

Ø	b	h
110	136	220

## Options

DALI Compatibility	: Yes
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# CUBO

## DECORATIVE LIGHTING LED LUMINAIRES



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*CUBO grabs the attention by its cubic head of minimal and clean-cut lines. Its compact housing and optic choices render it ideal for your perpendicular and ambience lighting.*

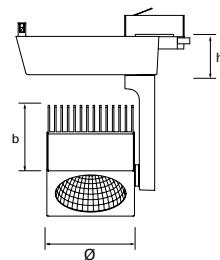
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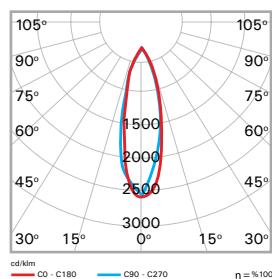
### Technical Specifications

Housing	: Aluminium housing
Optical	: 15°/ 30°/ 45°/ 60° Reflector
Diffuser	: Clear glass
Light Source	: COB LED
Power	: 20 W / 24 W / 28 W
Lumen	: (20 W) 1923lm / (24 W) 2061lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white
CRI	: >80 / >90
IP	: IP20
Installation	: Three phase railed
Colors	: White / Grey / Black

### Technical Drawing



### Photometric Curve



### Dimensions (mm)

Ø	b	h
103	96	45

### Options

DALI Compatibility	: Yes
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# SIMO

DECORATIVE LIGHTING LED LUMINAIRES



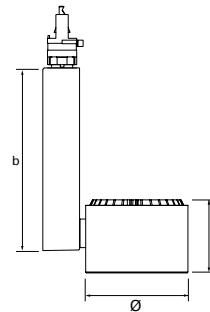
*SIMO attracts the attention with its head of minimal elegance, designed to form a layer of cooling fins around the LED in disk formation. Its compact housing and optic choices render it ideal for your perpendicular and ambience lighting.*



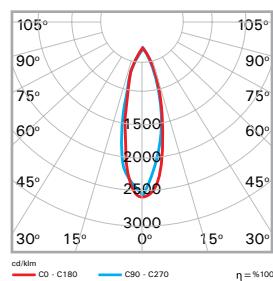
## Technical Specifications

Housing	: Aluminium housing
Optical	: 20° / 30° / 40° / 55° Reflector
Diffuser	: Clear glass
Light Source	: COB LED
Power	: (20°) 20 W / 24 W / (30°) 20 W / 24 W (40°) 20 W / 24 W / (55°) 20 W / 24 W
Lumen	: (20°) 1882 lm - 2287 lm / (30°) 1925 lm - 2061 lm (40°) 1953 lm - 2259 lm / (55°) 1962 lm - 2282 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white
CRI	: >80 / >90
IP	: IP20
Installation	: Three phase railed
Colors	: White / Grey / Black

## Technical Drawing



## Photometric Curve



## Dimensions (mm)

Ø	b	h
112	200	80

## Options

DALI Compatibility	: Yes
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# MIRO-S

DECORATIVE LIGHTING LED LUMINAIRES



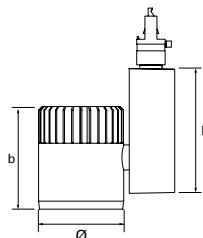
**MIRO-S** is the smallest product in MIRO-S product family, which is ideal for your perpendicular and ambience lighting. It lends a modern and dynamic effect to all the surroundings it adorns with its different optic alternatives and compact housing design of minimal lines.



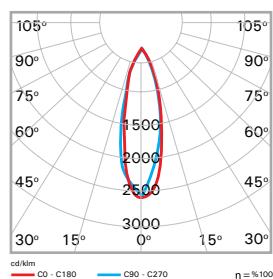
## Technical Specifications

Housing	: Aluminium housing
Optical	: 20° / 30° / 45° / 55° Reflector
Diffuser	: Clear glass
Light Source	: COB LED
Power	: (20°) 20 W / 24 W / (30°) 20 W / 24 W (45°) 20 W / 24 W / (55°) 20 W / 24 W
Lumen	: (20°) 1882 lm - 2287 lm / (30°) 1925 lm - 2061 lm (45°) 1953 lm - 2259 lm / (55°) 1962 lm - 2282 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white
CRI	: >80 / >90
IP	: IP20
Installation	: Three phase railed
Colors	: White / Grey / Black

## Technical Drawing



## Photometric Curve



## Dimensions (mm)

Ø	b	h
96	115	150

## Options

DALI Compatibility : Yes





# MIRO

## DECORATIVE LIGHTING LED LUMINAIRES



“

MIRO provides effective dispersion of light in all environments where track light technique could be employed by means of different optical alternatives. The resilient aluminium housing with clean lines and cooling fins of the product emphasize its dynamic character.

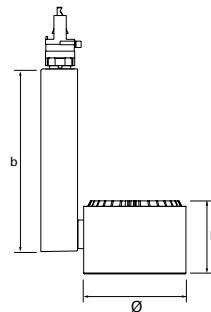
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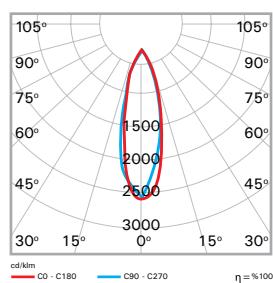
### Technical Specifications

Housing	: Aluminium housing
Optical	: 8° / 15° / 30° / 45° / 60° Reflector
Diffuser	: Clear glass
Light Source	: COB LED
Power	: 20 W / 24 W / 28 W / 37 W
Lumen	: (20 W) 2010 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white
CRI	: >80 / >90
IP	: IP20
Installation	: Three phase railed
Colors	: White / Grey / Black

### Technical Drawing



### Photometric Curve



### Dimensions (mm)

Ø	b	h
112	200	80

### Options

DALI Compatibility	: Yes
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# OXI



## DECORATIVE LIGHTING LED LUMINAIRES



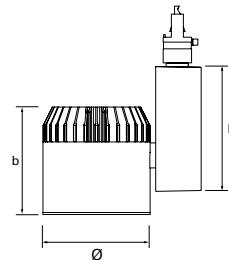
The variety of lumen values and optic angle options offered by OXI render this product a solution frequently used in all retail and display spaces in need of high lumen values. The product offers narrow, medium and wide angle options.



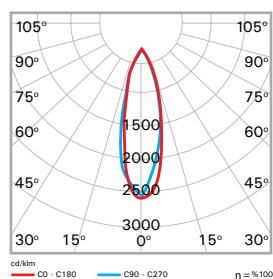
### Technical Specifications

Housing	: Aluminium housing
Optical	: 15°/ 24°/ 36° Reflector
Diffuser	: Clear glass
Light Source	: COB LED
Power	: 20 W / 24 W / 28 W / 37 W / 42 W / 47W
Lumen	: (20 W) 2085 lm / (24 W) 2439 lm / (28 W) 2771 lm (37 W) 3394 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white
CRI	: >80 / >90
IP	: IP20
Installation	: Three phase railed
Colors	: White / Grey / Black

### Technical Drawing



### Photometric Curve



### Dimensions (mm)

Ø	b	h
135	135	263

### Options

DALI Compatibility	: Yes
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# OCTO

## DECORATIVE LIGHTING LED LUMINAIRES



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OCTO is ideal for the lighting of your retail and exhibition spaces due to the variety of lumen values and optical options it offers. The layered housing structure and the angled head of the product lend a dynamic effect to the environment it adorns.

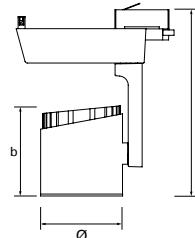
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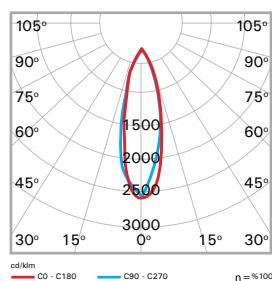
### Technical Specifications

Housing	: Aluminium housing
Optical	: 15° / 30° / 45° / 60° Reflector
Diffuser	: Clear glass
Light Source	: COB LED
Power	: 20W / 24W / 28W / 37W
Lumen	: (20 W) 2010 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white
CRI	: >80 / >90
IP	: IP20
Installation	: Three phase railed
Colors	: White / Grey / Black

### Technical Drawing



### Photometric Curve



### Dimensions (mm)

Ø	b	h
112	200	80

### Options

DALI Compatibility	: Yes
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# FRIDA-R



## DECORATIVE LIGHTING LED LUMINAIRES



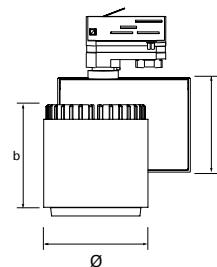
*FRIDA-R displays a simple and elegant look with its layered frame covering the cooling fins. Vertically positioned driver box exhibits a compact appearance. This product meets your requirements of track lighting with its different optic choices and lumen values.*



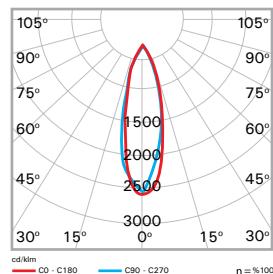
### Technical Specifications

Housing	: Aluminium housing
Optical	: 20°/ 30°/ 45°/ 55° Reflector
Light Source	: COB LED
Diffuser	: Clear glass
Power	: 20 W / 24 W / 28 W / 37 W
Lumen	: (20 w) 2010 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Warm white / Natural white
CRI	: >80 / >90
IP	: IP20
Installation	: Three phase railed
Colors	: White / Grey / Black

### Technical Drawing



### Photometric Curve



### Dimensions (mm)

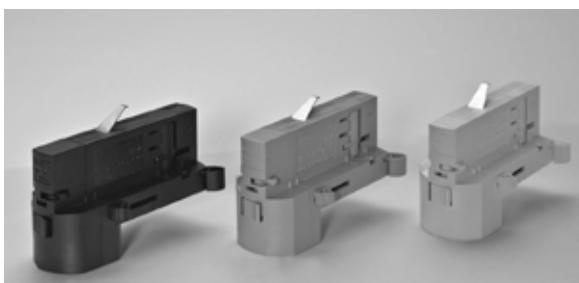
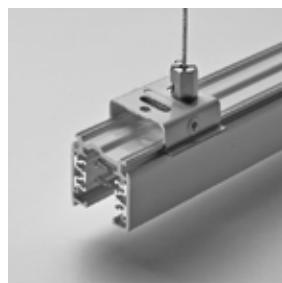
Ø	b	h
110	120	102

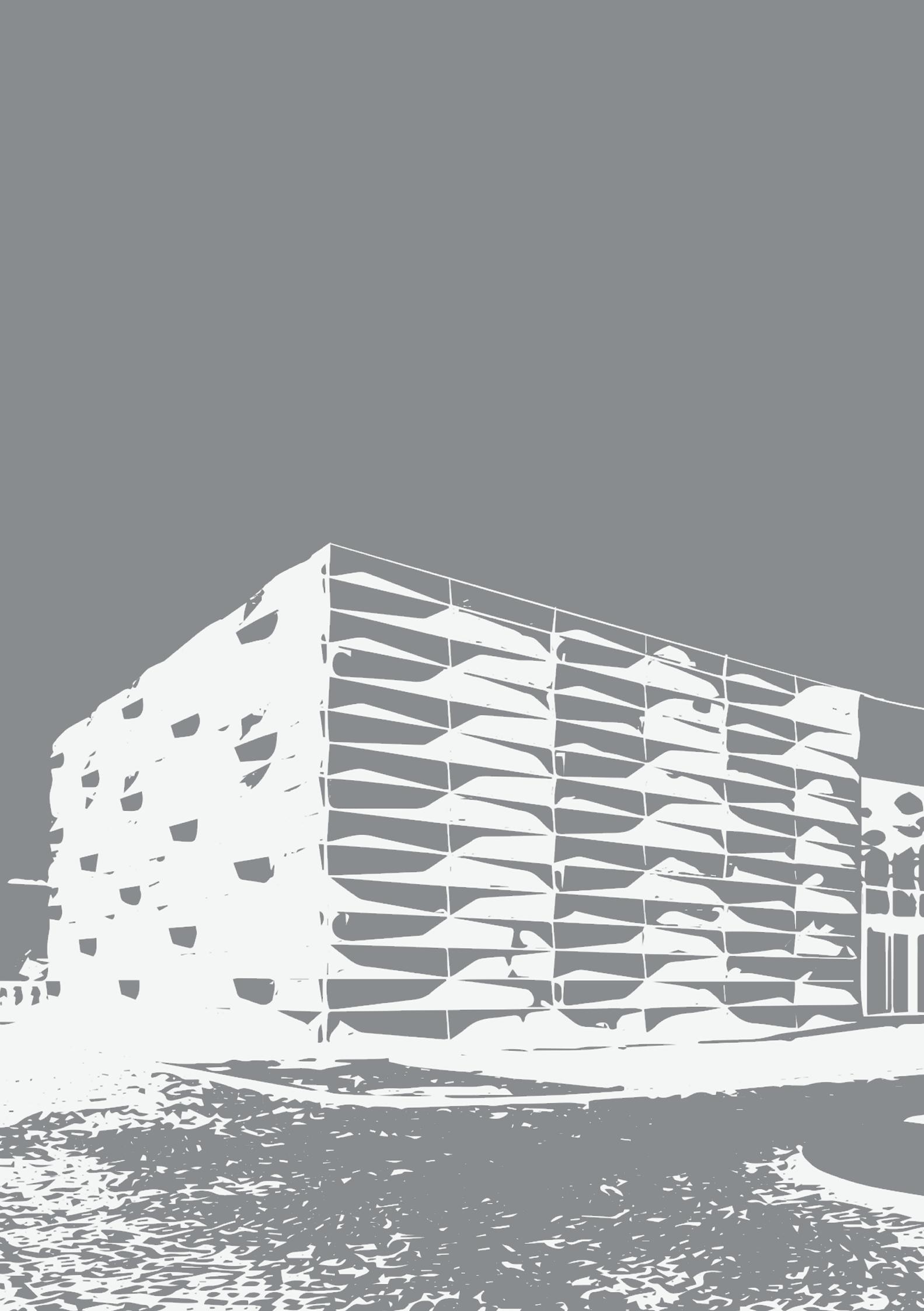
### Options

DALI Compatibility	: Yes
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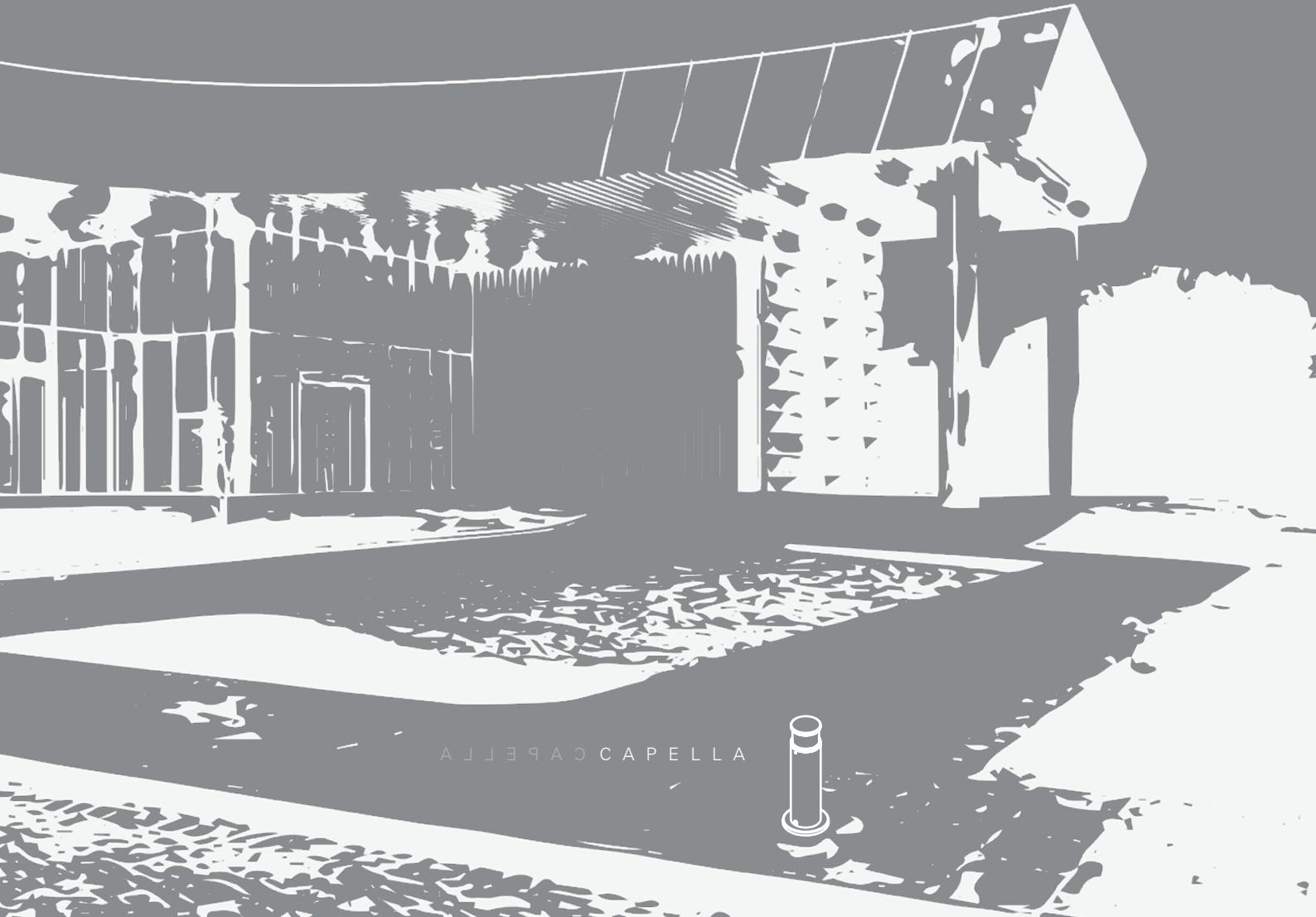
## TRACK LIGHT RAIL Order Table

Product Type	Product Code
1m SURFACE-MOUNTED RAIL, BLACK	3 PHASE RAIL 1MT. BLACK.S.U
1m SURFACE-MOUNTED RAIL, WHITE	3 PHASE RAIL 1MT. WHITE.S.U
2m SURFACE-MOUNTED RAIL, BLACK	3 PHASE RAIL 2MT. BLACK.S.U
2m SURFACE-MOUNTED RAIL, WHITE	3 PHASE RAIL 2MT. WHITE.S.U
3m SURFACE-MOUNTED RAIL, BLACK	3 PHASE RAIL 3MT. BLACK.S.U
3m SURFACE-MOUNTED RAIL, WHITE	3 PHASE RAIL 3MT. WHITE.S.U
1m RECESSED RAIL, BLACK	3 PHASE.1M.S.ALT TRI. RAIL BLACK
1m RECESSED RAIL, WHITE	3 PHASE.1M.S.ALT TRI. RAIL WHITE
2m RECESSED RAIL, BLACK	3 PHASE.2M.S.ALT TRI. RAIL BLACK
2m RECESSED RAIL, WHITE	3 PHASE.2M.S.ALT TRI. RAIL WHITE
3m RECESSED RAIL, BLACK	3 PHASE.3M.S.ALT TRI. RAIL BLACK
3m RECESSED RAIL, WHITE	3 PHASE.3M.S.ALT TRI. RAIL WHITE
3 PHASE RAIL SOCKET, BLACK	3 PHASE RAIL SOCKET BLACK
3 PHASE RAIL SOCKET, WHITE	3 PHASE RAIL SOCKET WHITE
3 PHASE ENERGY INLET, BLACK	ENERGY INLET ADAPTOR BLACK
3 PHASE ENERGY INLET, WHITE	ENERGY INLET ADAPTOR WHITE
3 PHASE LONG INTERCONNECTION, BLACK	3 PHASE LONG INTERCONNECTION. BLACK
3 PHASE LONG INTERCONNECTION WHITE	3 PHASE LONG INTERCONNECTION. WHITE
3 PHASE INTERCONNECTION, BLACK	INTERCONNECTION ELEMENT BLACK
3 PHASE INTERCONNECTION, WHITE	INTERCONNECTION ELEMENT WHITE
3 PHASE BELLOW CONNECTION, BLACK	BELLOW INTERCONNECTION BLACK
3 PHASE BELLOW CONNECTION WHITE	BELLOW INTERCONNECTION WHITE
3 PHASE L CONNECTION LANTI, BLACK	L 3 PHASE CONNECTION PART BLACK
3 PHASE L CONNECTION LANTI, WHITE	L 3 PHASE CONNECTION PART WHITE
3 PHASE T CONNECTION, BLACK	T CONNECTION PART BLACK
3 PHASE T CONNECTION, WHITE	T CONNECTION PART WHITE
3 PHASE TYPE COVER, BLACK	3 PHASE TYPE COVER. BLACK
3 PHASE TYPE COVER, WHITE	3 PHASE TYPE COVER. WHITE
3 PHASE RAIL CEILING HOLDER, GRAY	3 PHASE RAIL CEILING HOLDER





*F a c a d e   L i g h t i n g*  
*L u m i n a i r e   S e r i e s*



A C A P E L L A

## ***Facade Lighting***

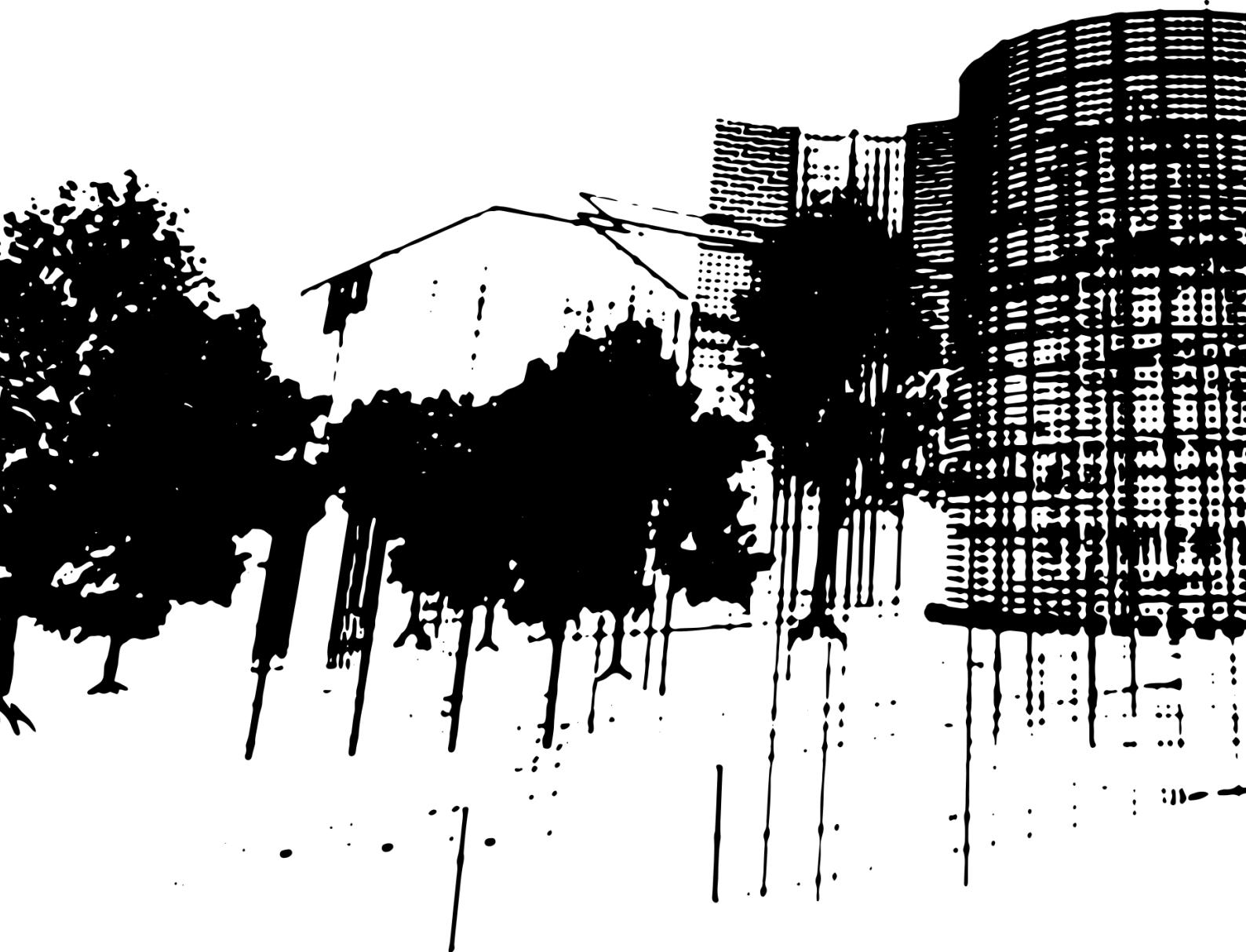
### *Luminaire Series*

- SPOT
- MINI SPOT
- CAPELLA
- POLLUX
- DIPLED
- ELECTRA
- T-BAR
- PIXEL TUBE

- PAR56 / FLAT
- PIXEL STICK
- D-BAR
- LINEER Dipled
- BANTWASHER
- MINIWASHER
- REGAR Cube Spot

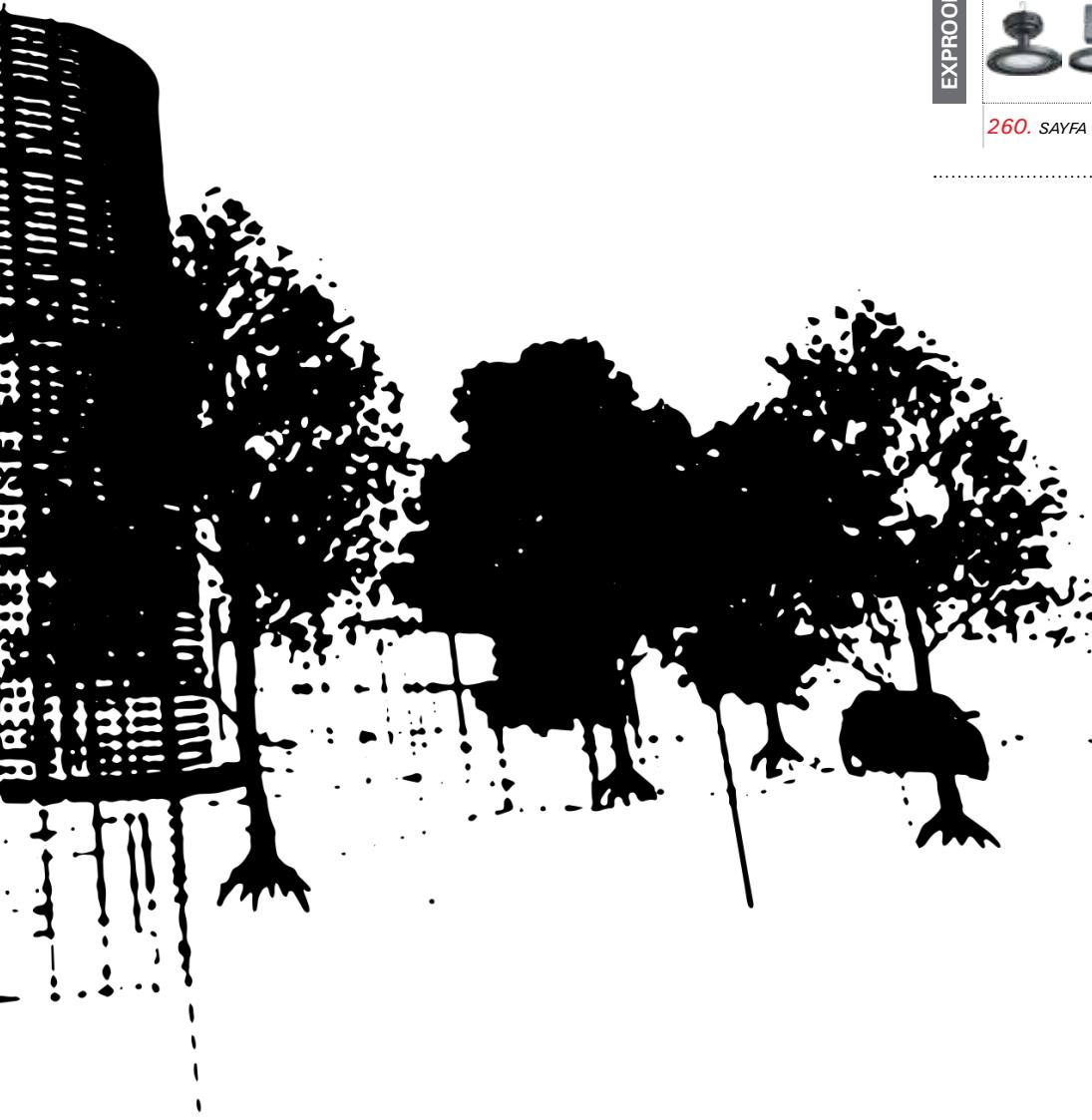
#### **EXPROOF**

- PROLIT III
- PROLIT COMPACT V2
- VERTA 12K
- VERTA HD





**EXPROOF**



# SPOT

PARK-GARDEN AND LANDSCAPING LED LIGHTING FIXTURES



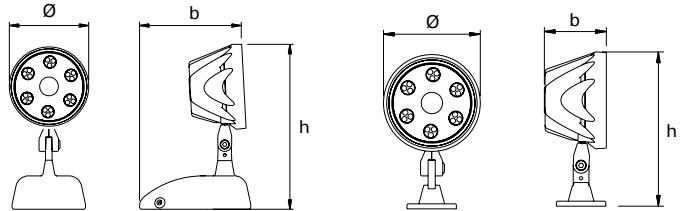
**Impressive designs are obtained through using different landscaping lighting techniques in tree lightings. Installing the SPOT fixture on a tree with a clamp may provide both functional and decorative lighting. It may be applied in different light intensity and different color and designs.**



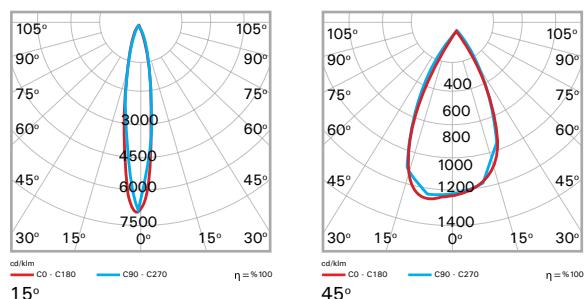
## Technical Specifications

Housing	: Aluminium injection housing
Optical	: Tempered glass
Light Source	: Power LED
Power	: 15 W / 30 W 25 W (24V DC)
Input Voltage	: 220-240V AC / 24V DC
Color Temp.	: 3000K / 4000K / 6500K
CRI	: > 70
IP	: IP65
Installation	: Floor
Colors	: RAL 9005

## Technical Drawing



## Photometric Curve



## Dimensions (mm)

Ø	b	h
135	177	262
135	87	215

## Options

Angle Options	: 10° / 15° / 18° / 26° / 30° / 45°
Color Options	: Red / Green / Blue / Tunable White / RGB



# MINI SPOT



PARK-GARDEN AND LANDSCAPING LED LIGHTING FIXTURES



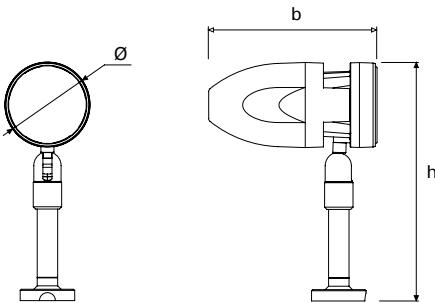
*Being designed for lighting the bush and small sized trees, MINI SPOT product provides different lighting effects with its adjustable pile bent and visor preference.*



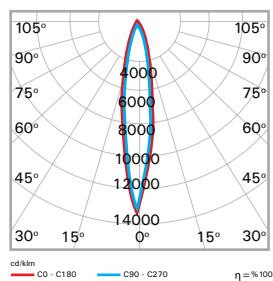
## Technical Specifications

Housing	: Aluminium injection housing
Optical	: PC Diffuser
Light Source	: Power LED
Power	: 8 W
Input Voltage	: 220-240V AC
Color Temp.	: 3000K / 4000K / 6500K / Red / Green / Blue
CRI	: > 70
IP	: IP65
Installation	: Floor
Colors	: RAL 9005

## Technical Drawing



## Photometric Curve



## Dimensions (mm)

Ø	b	h
75	148	210

## Options

Angle Options	: 19° / 36° (220-240V AC) - 22° / 29° (12V DC)
Color Options	: Tunable white / RGB (12V DC)



# CAPELLA

PARK-GARDEN AND LANDSCAPING LED LIGHTING FIXTURES



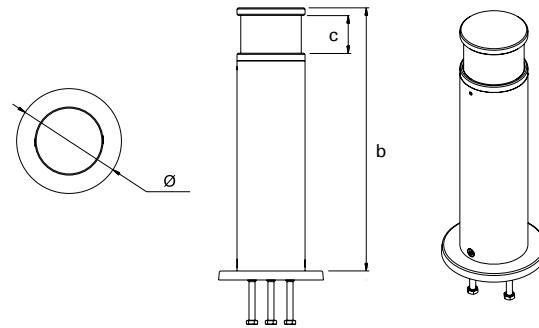
CAPELLA is used for ensuring safe and decorative environments for the walking road and grass lightings.



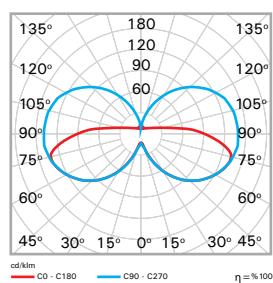
## Technical Specifications

Housing	: Aluminium housing
Optical	: PC Diffuser
Light Source	: Power LED
Power	: 6 W / 15 W
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: 3000K / 4000K / 6500K
CRI	: > 70
IP	: IP66
Installation	: Floor
Colors	: SW 306G

## Technical Drawing



## Photometric Curve



## Dimensions (mm)

	Ø	b	c
6 W	139	350	50
6 W	139	800	100
15 W	195	350	50
15 W	198	800	100



# POLLUX

## APLIQUE LED LIGHTING FIXTURE



“

*POLLUX is made of aluminium profile in cylinder shape. It is able to provide single and double way light to the wall surface with narrow-medium and wide angled optic options.*

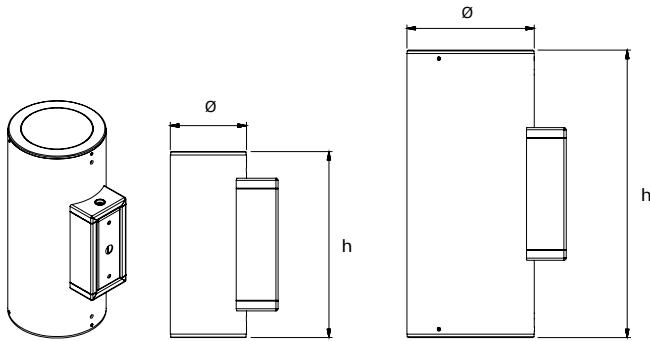
”



### Technical Specifications

Housing	: Aluminium electrostatic powder coated housing
Diffuser	: Glass
Light Source	: Power LED
Power	: 6 W / 12 W / 15 W / 30 W
Input Voltage	: 220V AC
Color Temp.	: Cool White / Warm White / Neutral White Red / Green / Blue / Amber
CRI	: > 70
IP	: IP65
Installation	: Floor
Colors	: Black / White / Grey

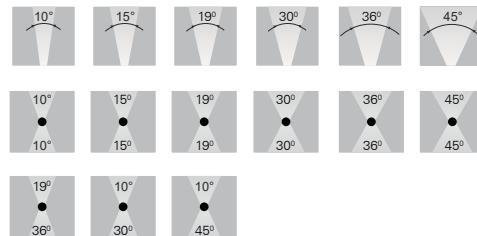
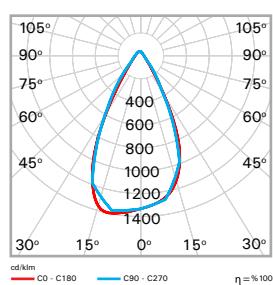
### Technical Drawing



### Ölçüler Dimensions (mm)

	Ø	h
6 W / 12 W	90	250
15 W / 30 W	150	283

### Photometric Curve



### Options

Angle Options	: 10° / 15° / 19° / 30° / 36° / 45° One direction 10° + 10° / 15° + 15° / 19° + 19° / 30° + 30° / 36° + 36° / 45° + 45° Double direction
---------------	---



# DIPLED

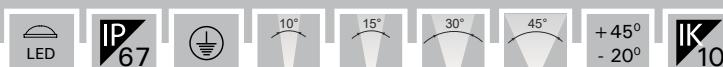
## LINEAR LED LIGHTING FIXTURE



“

Used as buried, DIPLED is designed as a fixture from which you can receive the effect of a wallwisher.

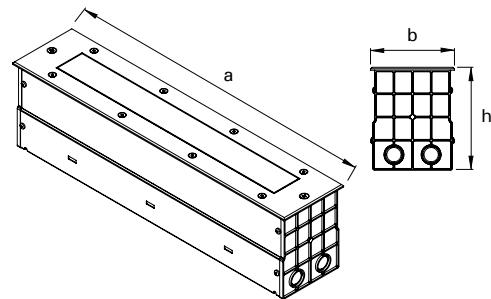
”



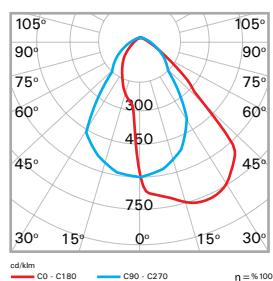
### Technical Specifications

Housing	: Aluminium extrusion monoblock casing
Diffuser	: Special translucent tempered glass resistant to high impulse
Light Source	: Power LED
Power	: 16 W / 32 W / 26 W / 45 W
Input Voltage	: 24V DC (RGB) / 220-240V AC / 220-240V AC (DMX)
Color Temp.	: 3000K / 4000K / 6500K / Red / Green / Blue / RGB
CRI	: > 70
IP	: IP67
Installation	: Floor / Wall

### Technical Drawing



### Photometric Curve



### Dimensions (mm)

	a	b	h
15 W	522	114	140
30 W	925	114	140
26 W	663	114	140
45 W	1205	114	140

### Options

Angle Options	: 10° / 15° / 30° / 45°
Color Options	: Tunable White (26 W / 45 W 220-240V AC) RGB 26 W / 45 W (DMX 220-240V AC / 24V DC)

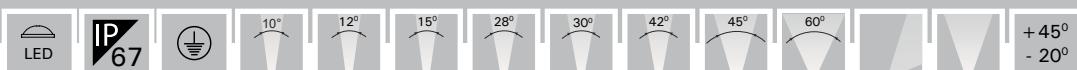


# ELECTRA

## BURIED POINT LED LIGHTING FIXTURE



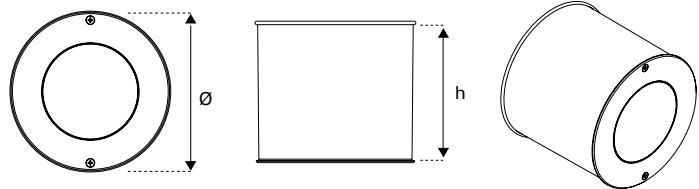
**ELECTRA** is used in lighting the tree, columns, sculptures, etc. landscape elements. Furthermore, with its 1 W version, it is preferred as decorative trace light for the stair lightings and walking roads.



### Technical Specifications

Housing	: Aluminium injection housing
Optical	: Sanded glass
Light Source	: Power LED
Power	: 1 W / 3 W / 5 W / 12 W / 20 W
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: 3000K / 4000K / 6500K
CRI	: >70
IP	: IP67
Installation	: Buried
Colors	: SW 306G

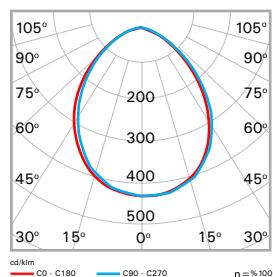
### Technical Drawing



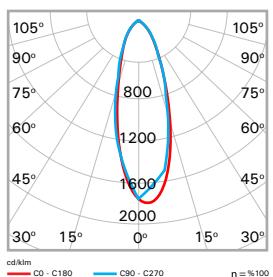
### Dimensions (mm)

	Ø	h
1 W	70	67
3 W	90	143
5 W	130	153
12 W / 20 W	190	136

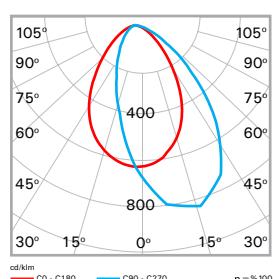
### Photometric Curve



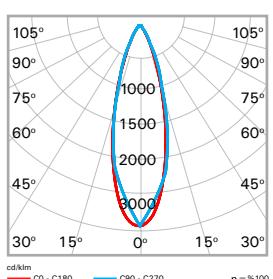
WIDE ANGLE



28°



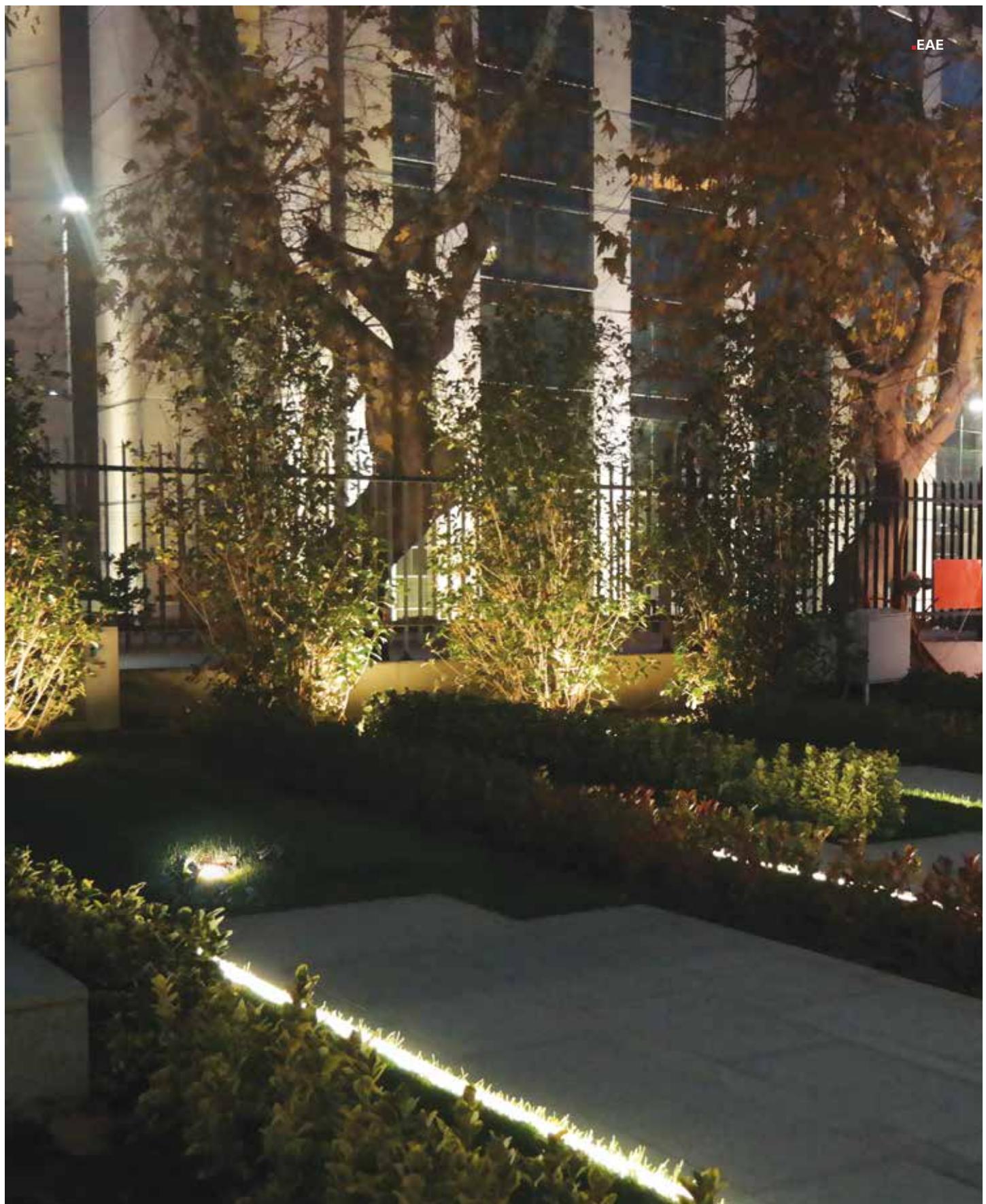
ASYMMETRIC



10°

### Options

Angle Options : 10° / 12° / 15° / 28° / 30° / 42° / 45° / 60°  
Asymmetric / Wide angle



# T-BAR

## FACADE CONTOUR AND CONCEALED LIGHTING FIXTURE



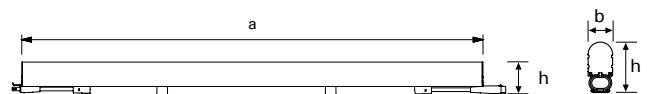
Used to have contour effects in exterior lighting, T-BAR is also preferred as a concealed lighting in decorative landscape lightings such as banister, stair and sitting benches.



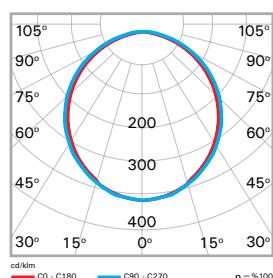
### Technical Specifications

Housing	: PC profile cover and carrier pier
Diffuser	: PC
Light Source	: Mid Power LED
Power	: 10 W/m
Input Voltage	: 220-240V AC 50/60 Hz
Color Temp.	: 3000K / 4000K / 6500K
CRI	: >70
IP	: IP66
Installation	: Floor
Colors	: PC

### Technical Drawing



### Photometric Curve



### Dimensions (mm)

a	b	h
500	24	50
600	24	50
700	24	50
800	24	50
900	24	50
1000	24	50
1100	24	50
1200	24	50
1300	24	50
1400	24	50
1500	24	50
2000	24	50

### Options

Color Options	: Red / Green / Blue / Amber
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# D-BAR



## FACADE DETAIL LED LIGHTING FIXTURE



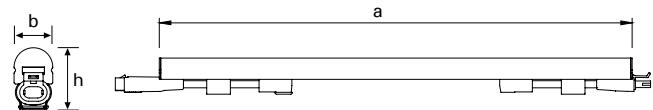
Enabling you to give contour effect in linear facade lightings and offering trouble-free installation option with IP sockets, D-BAR is a linear led lighting fixture creating the sense of depth as a light beam flowing from the decorative landscape objects such as concealed lighting in banisters, stair lightings, sitting benches, etc.



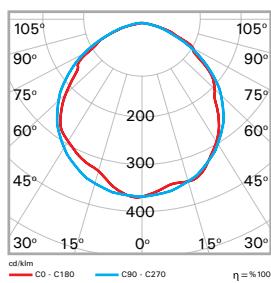
### Technical Specifications

Housing	: PC profile pier and cover
Diffuser	: PC
Light Source	: Mid Power LED
Power	: 10 W/m
Input Voltage	: 48V DC
Color Temp.	: 3000K / 4000K / 6500K / Red / Green / Blue / Amber
CRI	: >70
IP	: IP66
Installation	: Concealed lighting and facade lighting
Colors	: PC

### Technical Drawing



### Photometric Curve



### Dimensions (mm)

	a	b	h
(MN-W, MN-C)	100	24	39

Dimension Options: (50 / 100 / 200 / 300 / 400 / 500 / 600 / 700 / 800  
900 / 1000 / 1100 / 1200 / 1300 / 1400 / 1500 x 24 x 39mm)  
(MN-W / MN-C)  
(250 / 375 / 500 / 625 / 750 / 875 / 1000  
1125 / 1250 / 1375 / 1500 x 24 x 39mm) (MX-TW / MX-RGB)

### Options

Color Options	: Tunable White / RGB (24V DC)
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# PAR56 POOL LIGHT FLAT

POOL LED LIGHTING FIXTURE



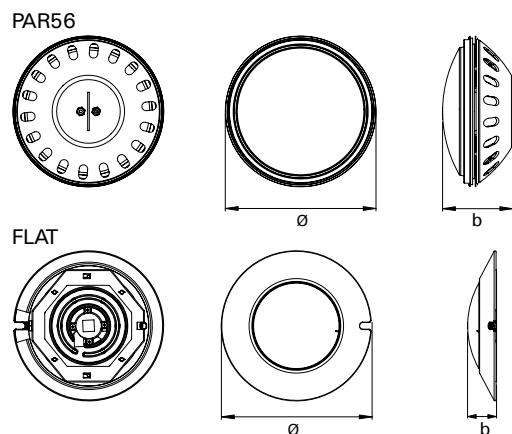
FLAT is a lighting product designed for the purpose of in-pool lighting and has high energy and light efficiency.



## Technical Specifications

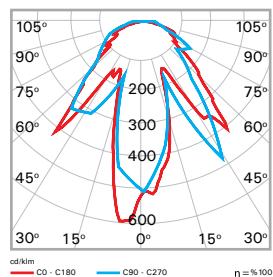
Housing	: (PAR56) Aluminium injection monoblock casing : (FLAT) Aluminium injection monoblock inner casing / Stainless steel (AIS 316) exterior casing
Optical	: Resistant to high impulse PC
Light Source	: Power LED
Power	: 13W (Red / RGB) 15W (Green / Blue) 28W (3000K / 4000K / 6500K)
Input Voltage	: 12V DC
Color Temp.	: 3000K / 4000K / 6500K / Red / Green / Blue / RGB
CRI	: > 70
IP	: IP68
Installation	: Pool recessed / Surface mounted
Colors	: Stainless (AIS 316)

## Technical Drawing



\* Not suitable for sea water

## Photometric Curve

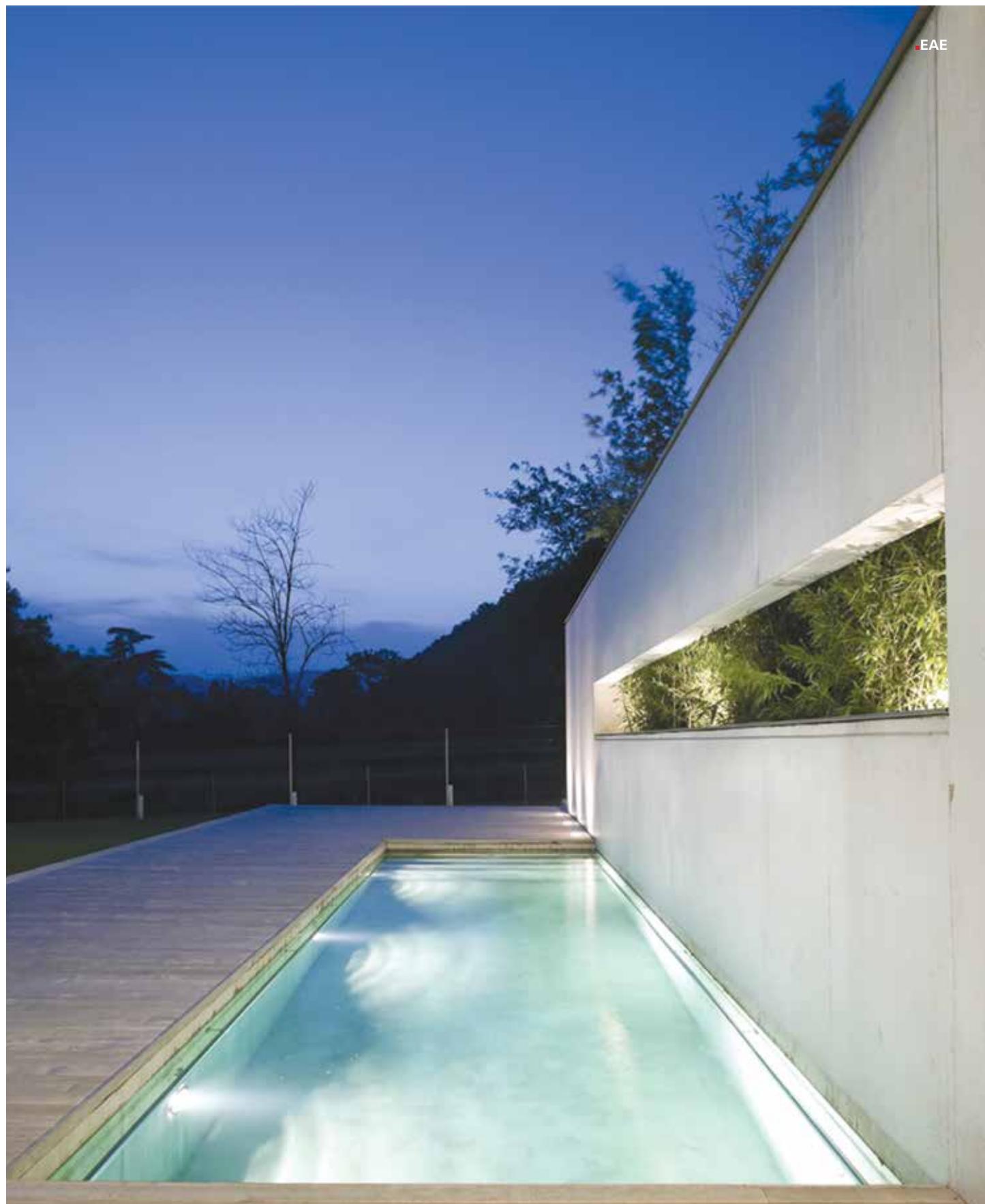


## Dimensions (mm)

PAR56	FLAT		
Ø	b	Ø	b
177	82	228	52.8

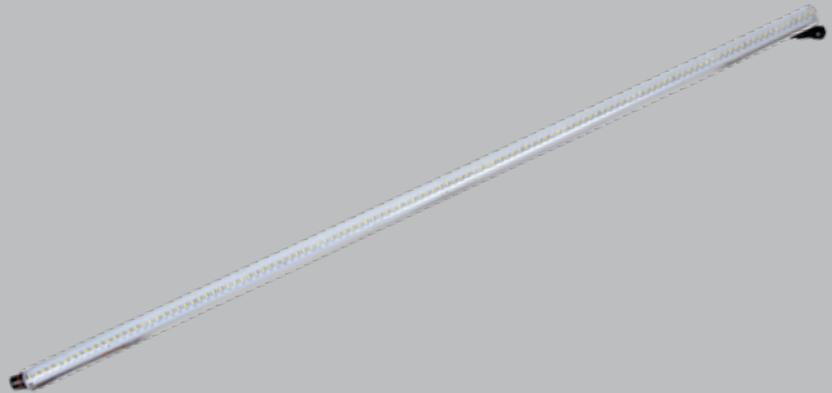
## Options

Color Options : RGB 12V DC



# PIXEL STICK

LINEAR DYNAMIC LED LIGHTING FIXTURE



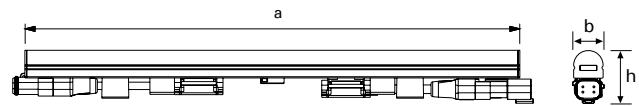
Being one of our linear dynamic lighting solutions, PIXEL STICK enables the perception of the details on the animation in a clearer and dandier manner with the professional design options it offers.



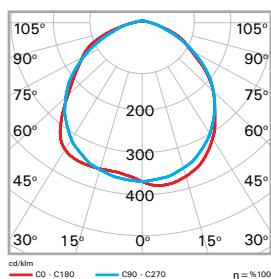
## Technical Specifications

Housing	: PC profile pier and cover
Optical	: PC profile
Light Source	: Power LED
Power	: 6.3 W/m
Input Voltage	: 36V DC
Color Temp.	: RGB / DMX
CRI	: > 70
IP	: IP66
Installation	: Facade dynamic lighting
Colors	: PC

## Technical Drawing



## Photometric Curve



## Dimensions (mm)

a	b	h
400	24	39
600	24	39
800	24	39
1000	24	39
1200	24	39
1400	24	39
1600	24	39
1800	24	39
2000	24	39

# PIXEL TUBE

FACADE DETAIL LED LIGHTING FIXTURE



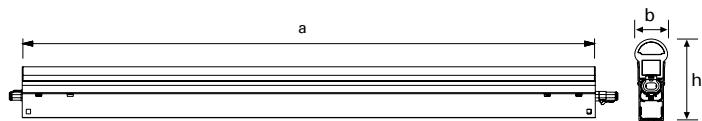
*Offering a seamless and practical installation option, PIXEL TUBE is one of our linear dynamic lighting solutions.*



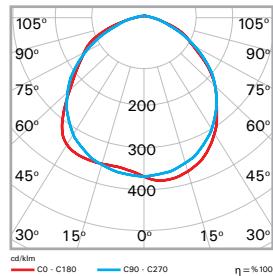
## Technical Specifications

Housing	: PC profile pier and cover
Diffuser	: PC
Light Source	: Mid Power LED
Power	: 10 W/m
Input Voltage	: 220V AC
Color Temp.	: RGB / DMX
CRI	: > 70
IP	: IP66
Installation	: Facade dynamic lighting
Colors	: PC

## Technical Drawing



## Photometric Curve



## Dimensions (mm)

a	b	h
500	36	89
1000	36	89
1500	36	89
2000	36	89



# LINEER DIPLED

PARK-GARDEN AND LANDSCAPING LED LIGHTING FIXTURES



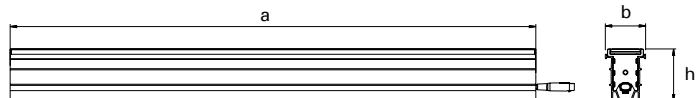
Buried LINEAR DIPLED being designed decoratively is used for the walking road and grass areas.



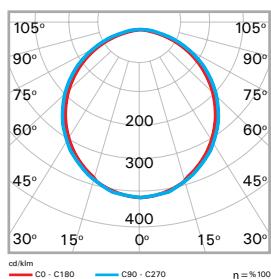
## Technical Specifications

Housing	: PC profile cover
Diffuser	: Opal glass
Light Source	: Power LED
Power	: 8 W / 10 W / 12 W
Input Voltage	: 100-240V 50/60 Hz / 24V DC
Color Temp.	: 3000K / 4000K / 6500K
CRI	: >70
IP	: IP67
Installation	: Buried
Colors	: White

## Technical Drawing



## Photometric Curve



## Dimensions (mm)

	a	b	h
8 W	1000	69	109
10 W	1190	69	109
12 W	1490	69	109

## Options

Color Options	: Red / Green / Blue / Amber
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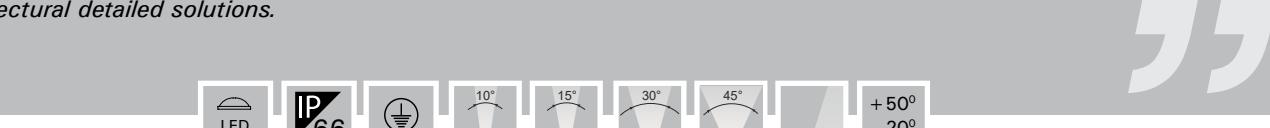
# BANTWASHER

## LINEAR LED LIGHTING FIXTURE



**“**

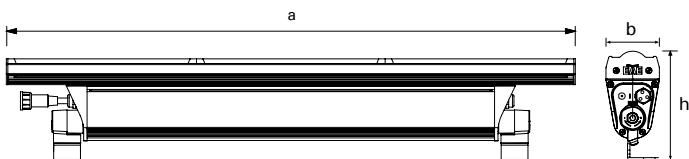
With different optic options it offers, BANTWASHER is used to light the wide vertical planes or to reveal the texture on the wall surfaces. With the product dimensions reduced to minimum, it is ideal for using in the areas requiring architectural detailed solutions.



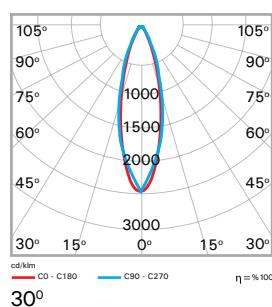
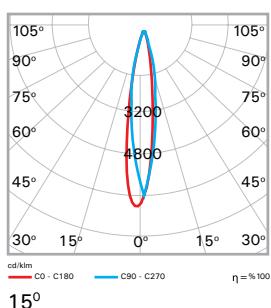
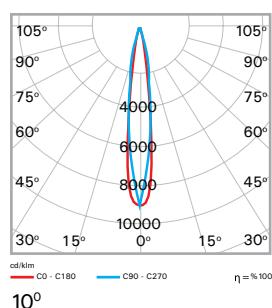
### Technical Specifications

Housing	: Aluminium injection housing
Diffuser	: PC Diffuser
Light Source	: Power LED
Power	: 8W / 16W / 24W / 32W
Input Voltage	: 220-240V AC 50-60 Hz
Color Temp.	: Cool White / Warm White / Neutral White Red / Green / Blue / Amber / RGB
CRI	: >80
IP	: IP66
Installation	: Floor
Colors	: SW 306G

### Technical Drawing



### Photometric Curve



### Dimensions (mm)

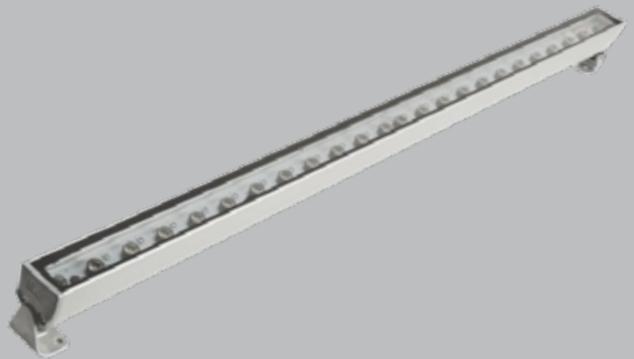
a	b	h
254	68	136
504	68	136
754	68	136
1004	68	136

### Options

Working Voltage	: 220-240V AC 50/60 Hz (MN-W / MN-C / X-TW / MX-RGB / DMX) 24V DC (MX-RGB / DMX)
-----------------	---

# MINIWASHER

## LINEAR LED LIGHTING FIXTURE



“

With its thin and decorative case design, MINIWASHER is ideal for using in the areas requiring architectural detailed solutions. There are different lens and light options as Wallwasher lighting fixture.

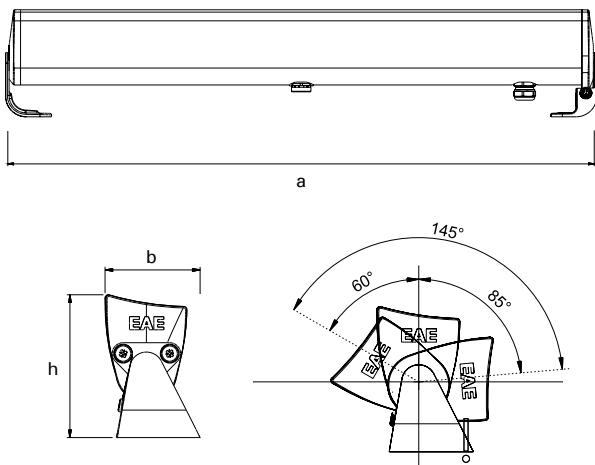
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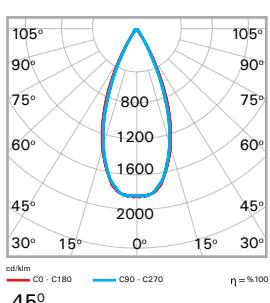
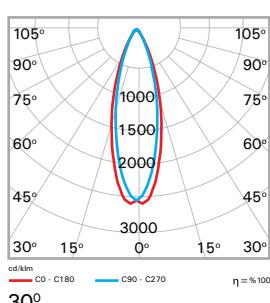
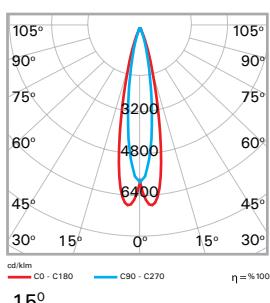
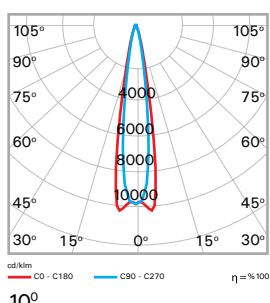
### Technical Specifications

Housing	: Aluminium injection housing
Optical	: Tempered glass
Light Source	: Power LED
Power	: (10°-15°-30°-45°) 16 W 24 W (10°-15°-30°-45°) 32 W
Input Voltage	: 220-240V AC 50-60 Hz
Color Temp.	: Cool White / Warm White / Neutral White Red / Green / Blue / Amber / RGB
CRI	: >80
IP	: IP66
Installation	: Floor
Colors	: Eloksal

### Technical Drawing



### Photometric Curve



### Dimensions (mm)

a	b	h
516	62	94
516	62	94
1023	62	94

### Options

Working Voltage : 24V DC (RGB)



# REGAR CUBE SPOT

PARK-GARDEN AND LANDSCAPING LED LIGHTING FIXTURES



**“** Being used on the product, CUBE SPOT provides an aesthetic and decorative design compared to the standard poles. It forms an integrity with the used pole by means of its orientable heads. In addition to offering a different atmosphere for your Regar fixtures, it offers convenient areas with appropriate lighting calculations.

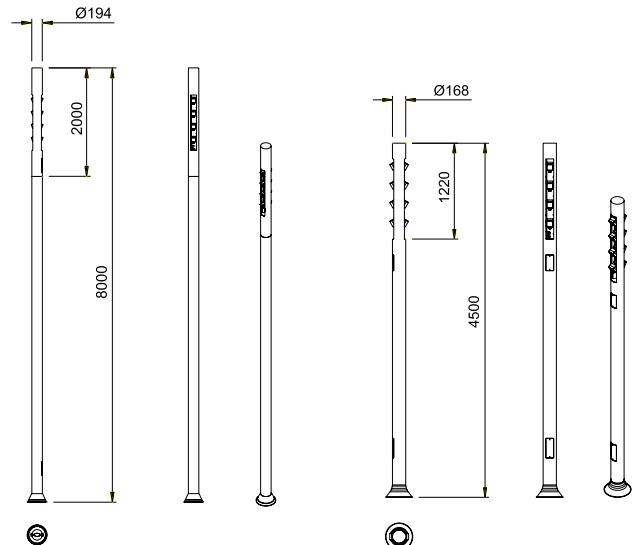
**”**



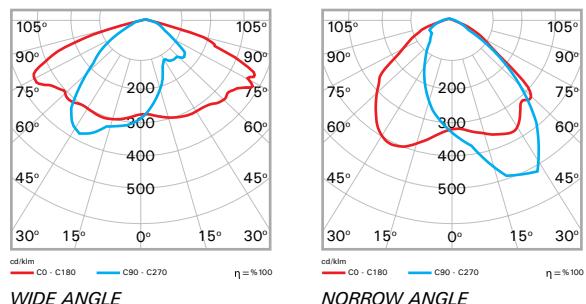
## Technical Specifications

Housing	: Powder coated, dip galvanized steel
Optical	: Flat glass
Light Source	: Power LED
Power	: 8 x 6 W (4.5 m) / 8 x 20 W (8 m)
Input Voltage	: 220-240V AC
Color Temp.	: Cool White / Natural White / Warm White
CRI	: > 70
IP	: IP66
Installation	: Floor
Colors	: SW 306G

## Technical Drawing



## Photometric Curve



## Dimensions (mm)

	Ø	b	h
6 W	168	1220	4500
20 W	168	2000	8000

## Options

Length options : 4.5m / 8m





# VERTA 12K



HIGH BAY LUMINAIRE

# VERTA HD



ARENA (60°)

LOWBAY (90°)

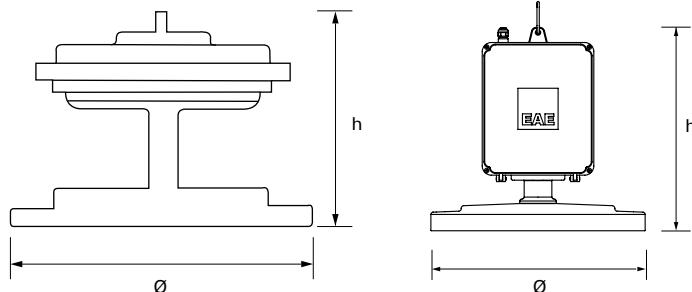
**VERTA** product family provides you with the most cost-effective and ideal solution against rapidly rising energy costs by replacing metal halide and fluorescent lamp luminaires. Its high efficiency provides you sufficient lighting with lower energy consumption without making any concessions from the quantity of light.



## Technical Specifications

Housing	: Aluminium injection housing
Optical	: Clear / Sanded glass / Opal glass
Diffuser	: Glare regulating opal diffuser
Light Source	: SMD LED
Power	
VERTA 12K	: 84 W / 112 W
VERTA HD	: 124 W / 186 W / 239 W / 248 W
Lumen	
VERTA 12K	: 8524 lm / 10834 lm
VERTA HD	: (239W) 24342 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	: Natural white / Cool white
CRI	: > 70 / > 65
IP	: IP65
Installation	: Pendant
Colors	
VERTA 12K	: RAL 9004 / RAL 9010
VERTA HD	: SW 306G / RAL 7035

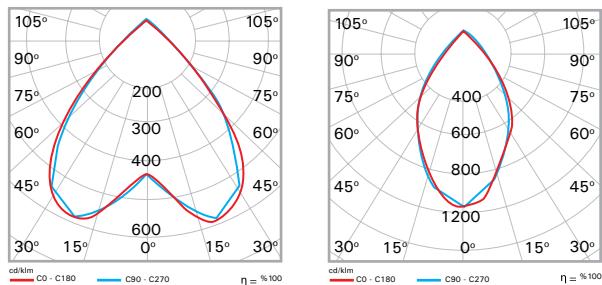
## Technical Drawing



## Dimensions (mm)

Ø	h	Ø	h
268	254	480	445

## Photometric Curve



## Options

EXPROOF	: Yes
DALI Compatibility	: Yes
Diffuser Options	: Clear / Opal / Sanded



# PROLIT III

PROJECTOR



# PROLIT COMPACT



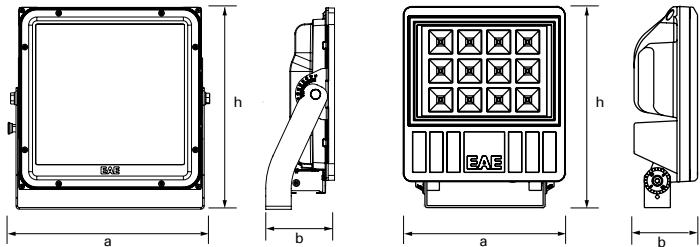
**PROLIT III** is what the projector applications exactly need.  
Its extra resilient casing ensures that LED Technology can  
be used in rough outdoor condions.



## Technical Specifications

Housing	: Aluminium injection housing
Diffuser	: Tempered glass
Light Source	: SMD LED
Power	
PROLIT III	: 154 W / 178 W
PROLIT COM.	: 47 W / 76 W
Lumen	
PROLIT III	: 13537 lm / 19018 lm
PROLIT COM.	: 5120 lm / 8068 lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temp.	
PROLIT III	: Natural white / Cool white
PROLIT COM.	: Warm white / Natural white / Cool white
CRI	: >65 / >70
IP	: IP66
Installation	: Pendant
Colors	: Black

## Technical Drawing

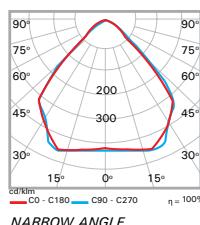
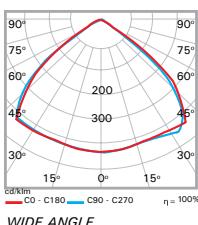
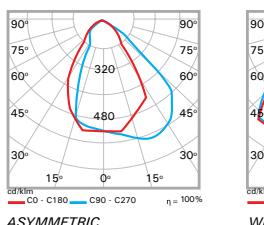


## Dimensions (mm)

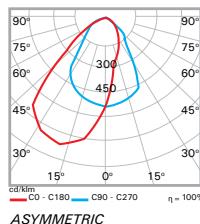
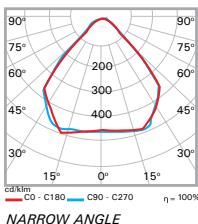
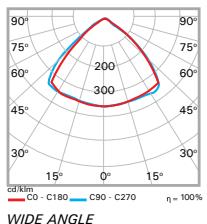
Tip	a	b	h	Tip	a	b	h
PROLIT III	366	88	362	PROLIT COM.	246	96	305

## Photometric Curve

PROLIT III



PROLIT K.



## Options

EXPROOF : Yes

Reflector Options : Narrow angle / Asymmetric angle / Special angle





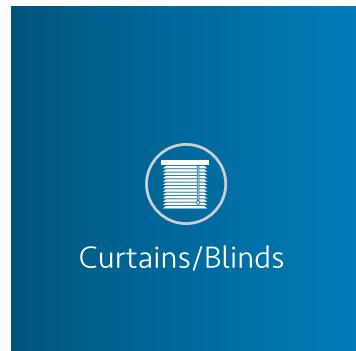
Lighting Control



Air Conditioning



Timing / Scheduling



Curtains/Blinds

# KINEXA

BUILDING MANAGEMENT SYSTEM

KINEXA is an automation system that has been accepted both in the residential and industrial fields, is compliant with world standards, has unlimited expansion capacity, is flexible in configuration to meet all expectations of customers and supported independently from the main supplier by a wide ecosystem due to its use of open system protocols.



Use energy when needed



Take advantage of the solar energy  
to the maximum



Use energy as necessary



Achieve energy savings up to 40%

### Movement and Daylight Sensor Control

The lighting and air conditioning devices are controlled by means of sensors sensitive to movement.

### Schedule Management

Automatic control of devices is ensured by means of daily, weekly monthly or custom developed schedules.

### Reporting of Alarms and Warnings

Provides instant warnings over SMS and e-mail and saves time in special situations where the establishment is required to respond promptly.

### Zone Control On/Off

Standard lighting fixtures can now be managed in line/group basis by means of switching modules.

### Air Conditioning Controls

Heating/cooling monitoring and management is in your hands thanks to the fancoil control units.

### DALI Control

You can monitor and manage your lighting fixtures of dimmable and addressable nature.

### Central Monitoring / Control

The monitoring and control functions are managed centrally in a convenient manner and with speed over architectural visuals.

### Curtain/Blind Control

You can control your curtains/blinds and/or sunshades according to the daylight, time of the day over a central monitoring system.

### Emergency Lighting Status Reporting

Reports the battery testing and error status of the emergency lighting fixtures available in the facility.

### Daylight Dependent Control

Both indoor and outdoor lighting requirements can be managed by means of daylight related controls.





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*The actual status of the fixtures and curtains is presented instantly to the user via special graphics projected over architectural visuals.*

---



By means of HYPERION II monitoring/control software and through interfaces developed in orientation to your requirements, you can easily and quickly manage all your lighting and curtain/blind systems in commercial buildings.

Is an infrastructure and advanced imaging software that provides the means for arrangements such as timing, daylight based controls, user authorizations, instantaneously tracks and reports the fixture and device failures in the system and ensures access within seconds over web browsers from any point necessary.



### WEB BASED

**HYPERION II** is a web server rather than PC software. For this reason it can be fully functional on any device in possession of a web browser. There are no limitations on the number of the devices that could be connected to the server.



### ARCHITECTURAL VISUALS

The visuals intended for monitoring and control are automatically developed from architectural CAD project file. It is possible to navigate on the visuals by means of "maximize-minimize" and "scroll right-left" functions.



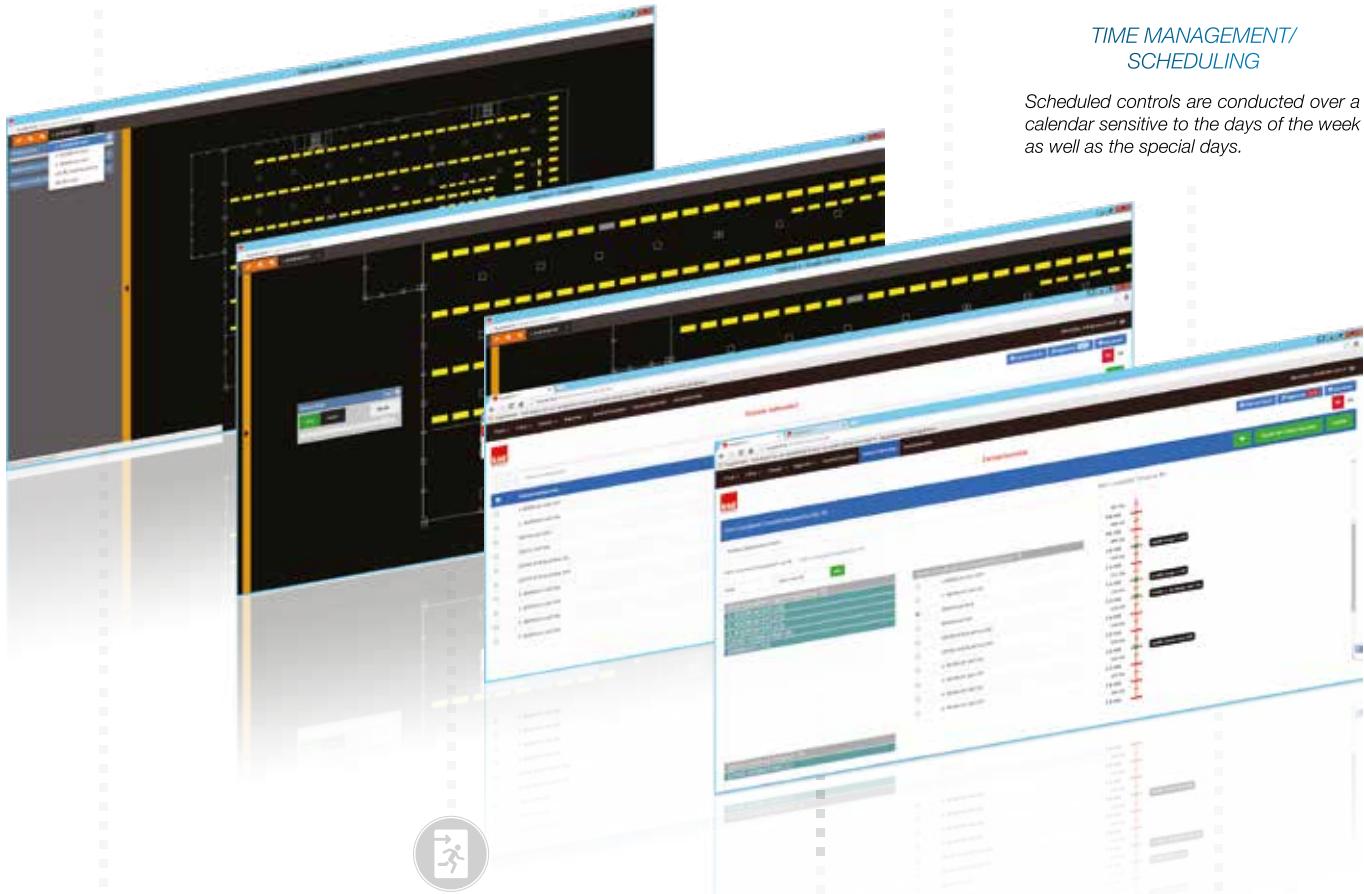
### DALI CONTROL

Can control addressable DALI compatible devices, manage illumination levels and relay fixture error information to the center in a detailed format.



### TIME MANAGEMENT/ SCHEDULING

Scheduled controls are conducted over a calendar sensitive to the days of the week as well as the special days.



### EMERGENCY LIGHTING REPORTING



### ALARMS AND WARNINGS

Errors and failures (ballast, bulbs, dimmer, etc.) are displayed by using different colors and warnings on the architectural visuals. The warnings can be relayed to the registered users in e-mail and SMS format. Each and every alarm and warning is recorded.



### CURTAIN CONTROL

Similar to the lighting fixtures, curtains and blinds can also be enabled and controlled over visuals as related data is read from architectural CAD project.



### USER AUTHORIZATION

Authorizations for "Commissioning", "control" and "monitoring" among the users registered in the system are possible. Thanks to this functionality, it is possible to assign different access levels to different users to ensure system security.



## Touch the Future...

---

Control your living spaces with Valesa touch panels. Valesa panel brings more security and more comfort right under your fingertips.

---

Designed with user-friendly, simple interfaces that facilitate integration into living spaces, Valesa touch panels offers the combination of aesthetic integrity, endless comfort and energy saving...

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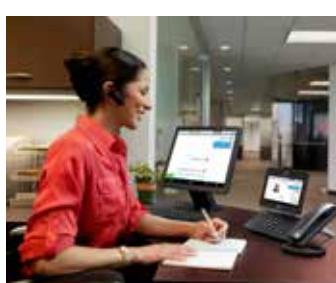
## Reach the comfort of Technology...

With Valesa panel, family members of all ages can easily control lighting, heating-cooling, shutter-blind devices, activate burglar alarm, monitor cameras and use intercom to converse with incoming guests. You can also easily fulfill your needs such as calling a taxi cab, valet or SPA reservation with ease.

Helping to experience comfort in your home, Valesa panel technology is designed to meet all your needs from a single interface. In addition to adding elegance to chosen aesthetic of your spaces with a touch of design, Valesa panel will also become an essential part of your home.



IP based communications by reception staff



IP Phone



Camera



# Oria

KNX Thermostat | Switch | Socket

## Live in Comfort!





## Thermostat

All devices in your home are under your control with Oriя thermostats.



## Switch

Experience life of comfort with Oriя switches.



## Socket

Socket group with eye catching design for perfect harmony.

# Index of Symbols Used

	Stores and Sales Areas		IP 20 Protected against objects larger than 12 mm. Not protected against water.
	Supermarkets		IP 44 Protected against objects larger than 1 mm and water from all directions.
	Hallways and Passageways		IP 54 Protected against dust and rapid, squirting water coming from all directions. Protected against water.
	Offices		IP 55 Protected against dust and rapid, squirting water coming from all directions.
	Restaurants		IP 65 Dustproof and protected against pressurized water jet from all directions and angles.
	Meeting Rooms		IP 67 Dustproof and protected against pressurized water.
	Educational Institutions		IP 68 Protected against submersion in water.
	Hotel and Domicile		Narrow Track Light 15°
	Car Parks		Track Light 15° - 30°
	Galleries and Showrooms		Wide angle Light > 30°
	Conference Rooms		Asymmetric Light
	Halogen Free		Direct / Indirect Light
	Ukraine UKR-SEPRO Quality Certificate		Indirect Light
	Entire Housing Earthing		Direct Light
	CE Conformity Marking		LED
	May be installed within or on flammable material		LED lamp
	CB Quality Certificate		LED PAR 20 Lamp
	Kema Decra Quality Certificate		LED PAR 30 Lamp
	TSE Certificate		Fluorescent Lamp with TL5 (T16) G5 socket
	EN EC Quality Certificate		Mobility on Horizontal Axis
	EAC Quality Certificate		Mobility on Vertical Axis
	Explosive Atmospheres Safety Certificate		Luminaire Inclination Angle
	Fire Sealing Certificate		

## Notes

Photos: Sahir Uğur Eren - Serkan İspiroğlu - Barış Şahin

**EAE Lighting Inc.  
Led Lighting Catalogue - 2018**

EAE, is provided with the right to perform changes deemed necessary without notifying in advance.  
Please contact us for further information about products and details partaking in catalogue.

Technical specifications have ±5 tolerance.



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Available on the  
 App Store

Available on the  
 Google Play



*engineering the light*