






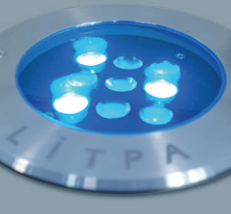



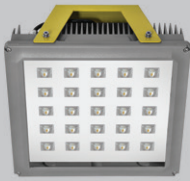
LITPA Lighting was founded in 1992 with the sole intention of ensuring the manufacture and direct marketing of quality lighting solutions through its extensive and quality range of lighting fixtures. Our mission is to provide lighting solutions for indoor and outdoor settings that are not only reasonably priced, but due to our high-quality engineering and extensive research veritably “light-up your lives”.

LITPA seeks to provide not only suitable materials for use in its production, but also to ensure that it meets the lighting needs of the space in which it will be situated. For this reason, material quality that will meet the relevant lighting criteria alone is not enough. We also seek to fulfill the following criteria for our lighting solutions; that our fixtures must ensure viewing optimization, enhance and optimize the aesthetic value of the area in which fixtures are to be placed, ensure ease of mounting, wear-resistance appropriate to the conditions, suitability to the electrical supply; while also providing lighting comfort of the space to users, easy maintenance and economical usage. All of these considerations have been made in advance for you by our advanced and highly dedicated staff.

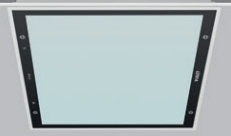

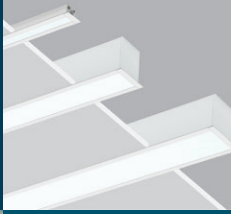
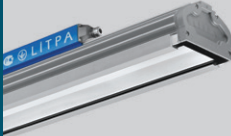





Our meticulous quality-control and attention to detail at every stage of the manufacturing process is of the utmost importance in our adherence to global standards. Every item, from the materials we use for products that we produce is checked to ensure the highest specifications of quality and performance.

Our company has placed a great deal of importance to its R&D (Research and Development) also, hence our dedicated, experienced and energetic team of professionals seeks always to surpass itself in provision of product and service delivery to our clients. With one call, we seek to be as close as possible to our clients – wherever they are and no matter where our offices are. LITPA’s progressive approach, values and guidelines has led to success with Turkey’s global corporations and business.

## OUTDOOR

|   |  |  |
|---|--|--|
| <p>STREET LIGHTING<br/>4 - 7</p>   | <p>FLOODLIGHT<br/>8 - 11</p>       | <p>WALLWASHER &amp; LINEAR<br/>12 - 15</p>  |
| <p>GROUND RECESSED<br/>16 - 17</p>  | <p>GARDEN LIGHTING<br/>18 - 20</p>  | <p>WALL LUMINAIRES<br/>21</p>               |
| <p>CANOPY LUMINAIRES<br/>22</p>   | <p>TUNNEL LIGHTING<br/>23</p>     |  |

## INDOOR

|  |  |   |  |  |   |
|--|--|---|--|--|---|
| <p>DOWNLIGHT<br/>26 - 39</p>         | <p>HYGIENIC ROOM<br/>56 - 57</p>                  | <p>SURFACE MOUNTED<br/>40 - 41</p>         | <p>LINEAR<br/>58 - 65</p>  | <p>OFFICE LIGHTING<br/>42 - 55</p>  | <p>DECORATIVE<br/>66 - 67</p>  |
| <p>WALL LUMINAIRES<br/>68 - 71</p>  | <p>INDUSTRIAL &amp; WEATHERPROOF<br/>72 - 78</p>  | <p>LINEAR for RETAILERS<br/>80 - 83</p>  |  |  |   |

# OUTDOOR LIGHTING

## LUMINAIRES





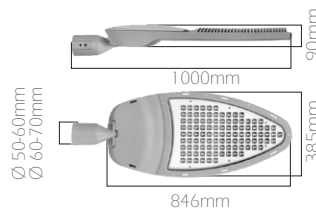
# STREETRAY

IP66

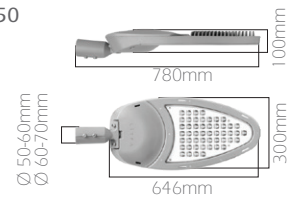
Streetray is a highly efficient IP66 protection class road lighting fixture which using LED technology. Our fixtures are produced in four different types. STREETRAY road fixtures can be used in all areas of road lighting including M1 motorways, urban street lighting and lighting of alleys. Its monolithic integrally cooled die-cast aluminum body structure extends the life of light source and reduces maintenance costs. Streetray also offers many features such as angle adjustable mounting bracket, channel water management and protective cover which can optionally be installed. The fixture's body is designed to be suitable for all kinds of urban automation. Automation systems which can be used in Wi-Fi, Zigbee, RF, PLC, Dali, KNX systems are also available upon request.



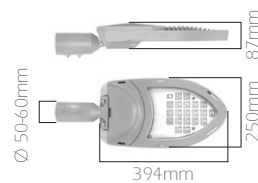
LYS 100



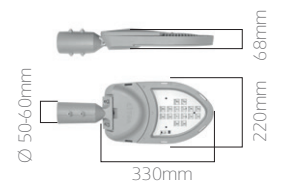
LYS 50



LYS 20

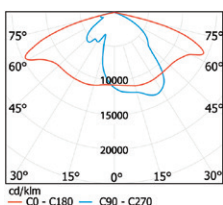


LYS 15



LYS 24V/DC Optional Solar System

| Code               | LYS 100 (Maxi)                                   | LYS 50 (Midi)                       | LYS 20 (Mini)        | LYS 15 (Micro)                   | LYS 20/DC (Solar)             |
|--------------------|--|-------------------------------------|----------------------|----------------------------------|-------------------------------|
| LED                | High Efficiency Power LED                        |                                     |                      |                                  |                               |
| System Power       | 170 W<br>200 W<br>250 W<br>300 W                 | 80 W<br>110 W<br>150 W              | 45 W<br>72 W         | 20 W<br>27 W<br>35 W             | 30 W<br>40 W<br>50 W          |
| Light Flux         | 21,000 lm<br>26,000 lm<br>30,720 lm<br>35,690 lm | 10,150 lm<br>13,200 lm<br>17,250 lm | 5,200 lm<br>7,500 lm | 2,080 lm<br>3,000 lm<br>4,000 lm | 3,630lm<br>4,840lm<br>6,050lm |
| Colour Temperature | 4000 - 5000 - 6500 K                             |                                     |                      |                                  |                               |
| Voltage            | 220V - 50Hz                                      |                                     |                      |                                  | 24 VDC                        |
| Body               | Aluminum injection                               |                                     |                      |                                  |                               |
| Optic              | High-efficiency lens                             |                                     |                      |                                  |                               |
| Cooler             | Cooling from the surface of the aluminum body    |                                     |                      |                                  |                               |
| Glass              | 5 mm thick tempered and serigraphy printed       |                                     |                      |                                  |                               |
| Accessory          | Anti-corrosive cover (only LYS50-LYS100)         |                                     |                      |                                  |                               |
| Colour             | Grey   |                                     |                      |                                  |                               |
| Box Dimensions     | 102x40x12cm                                      | 78x33x13cm                          | 60x27x12cm           | 60x27x10cm                       | 60x27x12cm                    |
| Weight             | 15.200 gr  | 9.800 gr                            | 5.700 gr             | 4.800 gr                         | 5.700 gr                      |



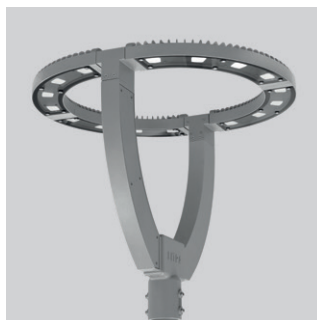
## Pedestrian Areas &amp; Walkways

## RINGA

## IP65



RNY4



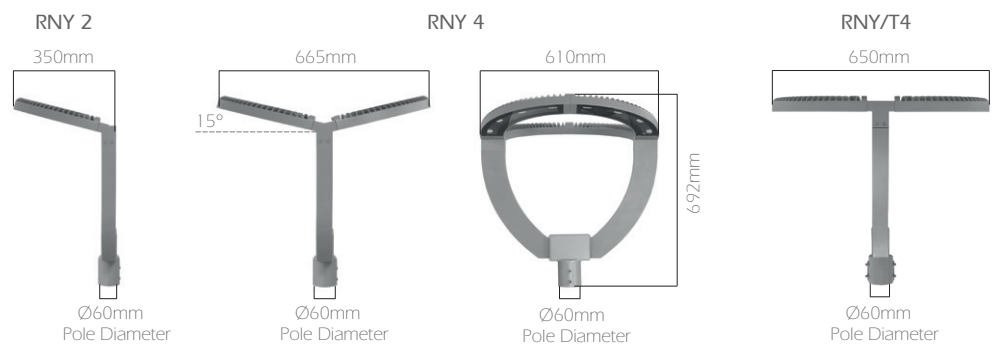
RNY/T4 AGORA

Ringa, which in particular is preferred in parks, gardens, walking trails and residential areas, has been designed with the purpose of bringing diversity to the external environment thanks to the aesthetic design thereof. The aluminum body is manufactured according to protection class IP65 to be resistant to outdoor conditions. Usage height is on 4 to 6 meters high pole while way of mounting is on the top of a Ø60mm pole.

Highly efficient LEDs have been used and optimum drive currents have been preferred in Ringa fixtures in order to save energy. Ringa, designed to prevent light from escaping into the sky, has been designed also to prevent light pollution by virtue of this feature.

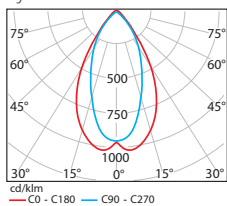


RNY2

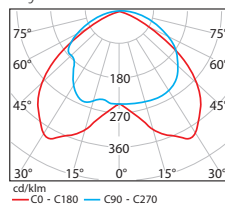


RNY OP

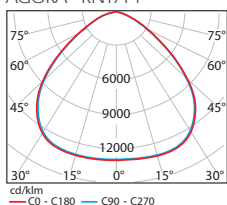
## Symmetrical Reflector



## Asymmetrical Reflector



## AGORA - RNY/T4



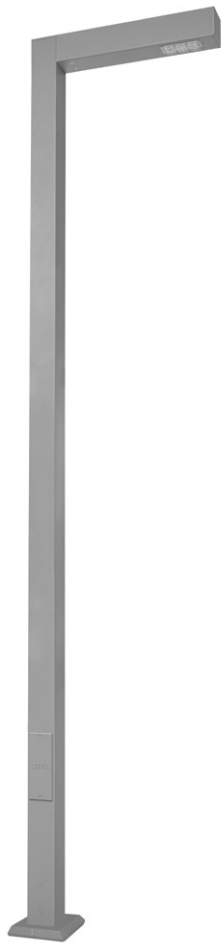
|                    |   |                     |                          |
|--------------------|---|---------------------|--------------------------|
| Code               | RNY2/40<br>RNY2/70  | RNY4/80<br>RNY4/140 | RNY/T4/250<br>RNY/T4/300 |
| LED                | High Efficiency Power LED   |                     |                          |
| System Power       | 40W<br>70W  | 80W<br>140W         | 250W<br>300W             |
| Light Flux         | 3500 lm<br>6500 lm  | 7300 lm<br>12670 lm | 25900 lm<br>28900 lm     |
| Colour Temperature | 3000 - 4000 - 5000 - 5700 - 6500 K  |                     |                          |
| Voltage            | 220V - 50Hz   |                     |                          |
| Body               | Aluminum injection painted with electrostatic paint                                     |                     |                          |
| Cooler             | Cooling from the surface of the aluminum body   |                     |                          |
| Optic              | High Efficiency lenses; 21°- 26°- 45°- 65°- (21°+37°) or reflectors; 21°- 30°- 63°- 90° |                     |                          |
| Glass              | Clear glass, serigraphy printed   |                     |                          |
| Accessory          | Apparatus for pole mounting   |                     |                          |
| Colour             | Grey or RAL Color   |                     |                          |
| Box Dimensions     | 70x65x35 cm   | 70x65x70 cm         | 70x65x70 cm              |
| Weight             | 9.800 gr  | 12.800 gr           | 12.800 gr                |

Pedestrian Areas & Walkways

CAIRO

IP66

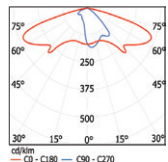
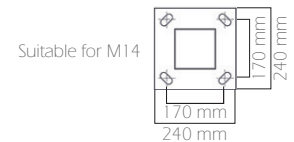
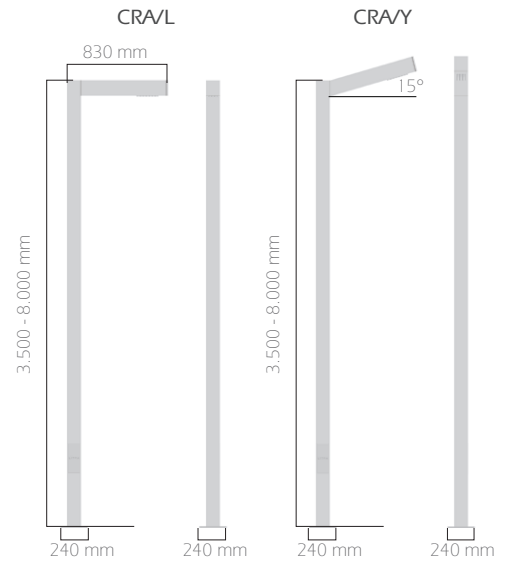
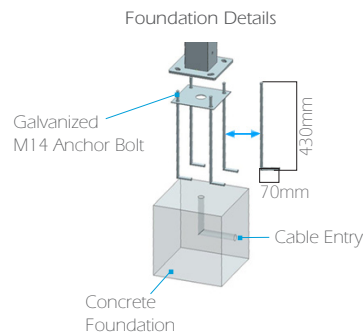
These are designed to be cornered and integrated with the body except for the usual. In the design of luminaires, emphasis was placed on modern and aesthetic elements as much as light efficiency. Thanks to the LED module structures, luminaire powers can be adjusted to desired levels. High efficiency LEDs and optical structures provide the desired light levels and distributions.



CRAVL



CRAVY

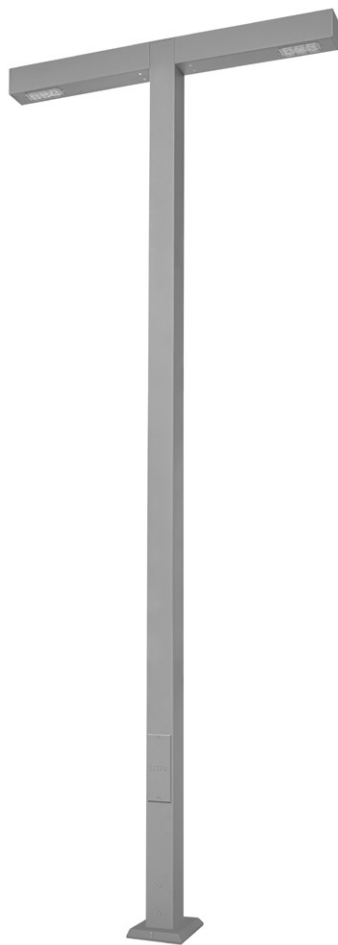


| Code               | CRAVL  | CRAVY |
|--------------------|--|-------|
| LED                | High Efficiency Power LEDs                         |       |
| System Power       | 1x50W  |       |
| Light Flux         | 5000lm   |       |
| Colour Temperature | 4000 - 5000 - 6500 K                               |       |
| Voltage            | 220V - 50Hz  |       |
| Body               | Aluminum extrusion body, DKP sheet base thick 10mm |       |
| Cooler             | Cooling from the surface of the body               |       |
| Colour             | Grey   |       |

## Pedestrian Areas &amp; Walkways

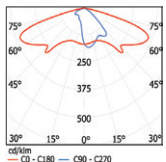
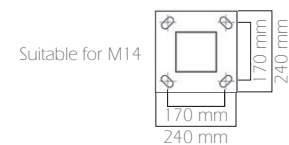
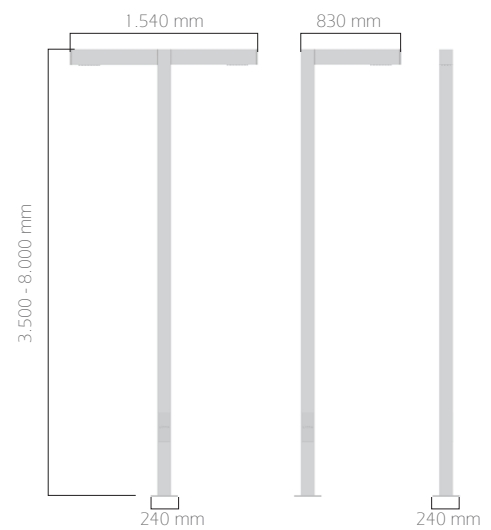
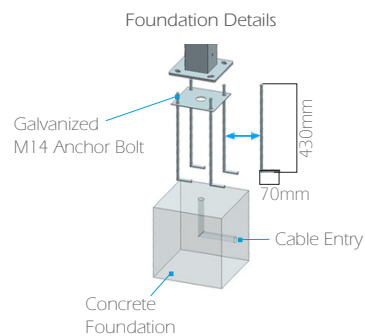
## CAIRO

IP66



CRAV1

Cairo; With its simple and elegant profile structure in lighting, it reflects a contemporary and innovative understanding style. Thanks to its pole structure and design, it has an aesthetic appearance in many areas. The luminaires are offered with different wattage options. Poles from 3.5 meters to 8 meters can be used. The models produced in double arm structure can meet the light requirements in both different directions.



| Code               | CRAV2  | CRAV1    |
|--------------------|--|----------|
| LED                | High Efficiency Power LEDs                         |          |
| System Power       | 4x50W  | 2x50W    |
| Light Flux         | 20.000lm   | 10.000lm |
| Colour Temperature | 4000 - 5000 - 6500 K                               |          |
| Voltage            | 220V - 50Hz  |          |
| Body               | Aluminum extrusion body, DKP sheet base thick 10mm |          |
| Cooler             | Cooling from the surface of the body               |          |
| Colour             | Grey   |          |

Floodlights

HERCULED

IP66



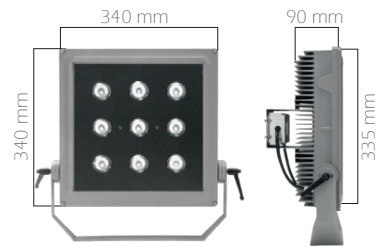
HCL/PRO



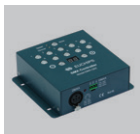
HCL/B

BASIC

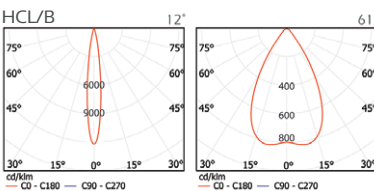
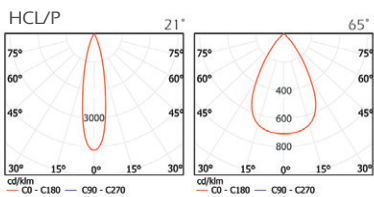
Herculed projectors are made for outdoor use. They can also be used as white, red, green, blue, yellow or RGB. With Litpa's exclusive DMX system, it is possible to open and close many luminaires from a single point, to dim, to manage different scenarios. Litpa uses light fittings that are fully compatible with the LED structure in these luminaires, allowing the light to reach only the desired area without loss.



Adjustable angle



DMX Controller



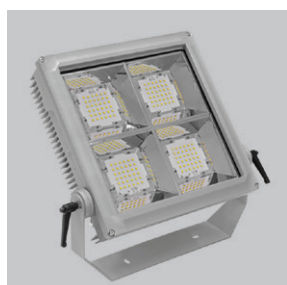
| Code              | HCL/PRO                                   | HCL/B                                     |
|-------------------|---|---|
| LED               | High Efficiency Multi-Power               | High Efficiency Power Led                 |
| System Power      | 65 W<br>130 W<br>210 W                    | 180 W<br>240 W                            |
| Light Flux        | RGBW                                      | 18.300 lm<br>24.000 lm                    |
| Color Temperature | RGBW                                      | 3000 - 4000<br>5000K R-G-B-A              |
| Voltage           | 220V - 50Hz                               |   |
| Body              | Aluminum injection                        |   |
| Diffuser          | Tempered glass                            |   |
| Optic             | 9° - 28°-<br>(42°+30°)<br>High efficiency | 12° - 25°-<br>61° High<br>efficiency lens |
| Box Dimensions    | 44x48x19cm                                | 44x48x19cm                                |
| Weight            | 12.000 gr                                 | 12.000 gr                                 |



## Floodlights

## HERCULED

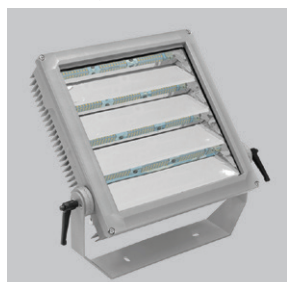
IP66



HCL/ST (Symmetrical) AREA



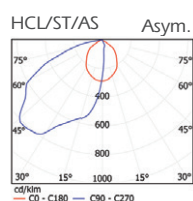
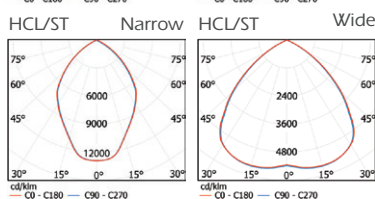
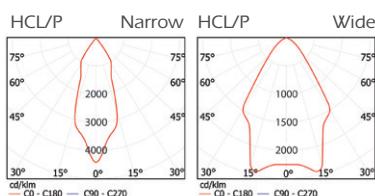
POWER



HCL/ST (Asymmetrical) AREA



Adjustable angle



To be able to meet the needs perfectly in field and field lighting in order to develop different optical structures by Litpa. In the standard field illumination, the optical structure of the Herculed / Area model is symmetrical and asymmetrical. On facades and more sensitive lighting Herculed Power meets all kinds of lighting needs.



| Code              | HCL/ST/S Symmetrical                             | HCL/ST/AS Asymmetrical                           | HCL/P                       |
|-------------------|--|--|-----------------------------|
| LED               | High Efficiency Power Led                        | High Efficiency Power LED                        | High Efficiency Multi-Power |
| System Power      | 100 W<br>150 W<br>200 W<br>240 W                 | 100 W<br>150 W<br>200 W<br>250 W                 | 200 W<br>240 W              |
| Light Flux        | 13.000 lm<br>19.500 lm<br>25.000 lm<br>30.000 lm | 14.200 lm<br>20.600 lm<br>26.100 lm<br>30.700 lm | 20.000 lm<br>25,500 lm      |
| Color Temperature | 3000 K<br>4000 K<br>5000 K                       | 3000 K<br>4000 K<br>5000 K                       | 3000 K<br>4000 K<br>5000 K  |
| Voltage           | 220V - 50Hz                                      |  |                             |
| Body              | Aluminum injection                               |  |                             |
| Diffuser          | Tempered glass                                   |  |                             |
| Optic             | Miro-Silver Aluminum                             | Miro-Silver Aluminum                             | Narrow-Wide Angle Reflector |
| Box Dimensions    | 44x48x19cm                                       | 44x48x19cm                                       | 44x48x19cm                  |
| Weight            | 12.100 gr  | 12.000 gr  | 12.000 gr                   |



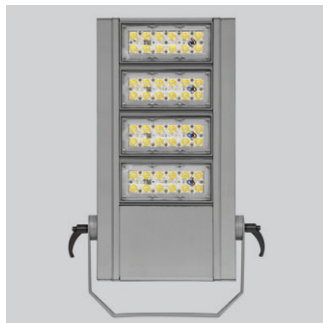
# Floodlights

## MDL

IP65

MDL projectors are the most suitable solution for various outdoor lighting projects thanks to their high efficiency and various power(W) options. There are types with high luminous flux and lens types at angles suitable for the area to be illuminated.

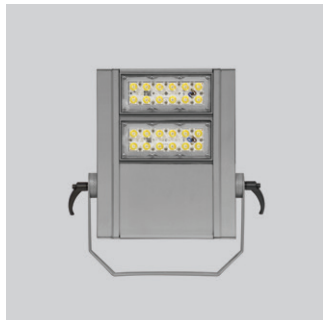
The luminaires are easily mounted with the foot mechanism. When it is brought to the desired angle, the spring and gear mechanism fully locks the armature. In this way, angle shifts are prevented over time.



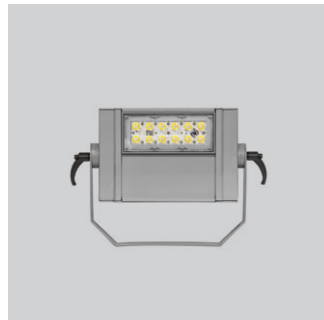
MDL4



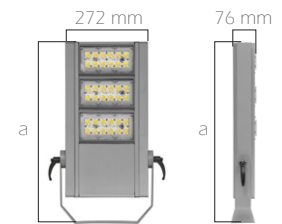
MDL3



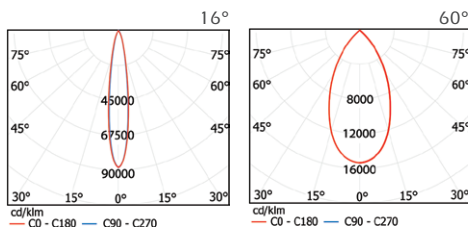
MDL2



MDL1



| Code | a      |
|------|--------|
| MDL4 | 590 mm |
| MDL3 | 500 mm |
| MDL2 | 410 mm |
| MDL1 | 240 mm |



| Code              | MDL4                       | MDL3      | MDL2      | MDL1     |
|-------------------|----------------------------|-----------|-----------|----------|
| LED               | High Efficiency Power Led  |           |           |          |
| System Power      | 200W                       | 150W      | 100W      | 50W      |
| Light Flux        | 21.000 lm                  | 16.000 lm | 10.800 lm | 5.500 lm |
| Color Temperature | 3000 K<br>4000 K<br>5000 K |           |           |          |
| Voltage           | 220V - 50Hz                |           |           |          |
| Body              | Aluminum                   |           |           |          |
| Cooler            | Aluminum injection         |           |           |          |
| Diffuser          | Clear polycarbonate        |           |           |          |
| Weight            | 9.700 gr                   | 8.100 gr  | 6.500 gr  |          |



## Rotational Floodlights

### RTL

### IP65



RTL projectors are manufactured with optical structure which can provide light from 10 ° to 60 ° in lighting of columns and wall surfaces. LEDs in white, red, green, blue and RGB colors are used and it is possible put on and off, dim and manage many fixtures with different scenarios from a single point by the DMX system specially produced by Litpa.

Projectors increase the efficiency in projects to the highest level with different power options. Mounting feet which can move gradually in low angle are designed to direct the fixture to the areas where focusing will be made. Aluminum body is painted to be resistant to the corrosive effects caused by the external environment conditions.

RTL 24



RTL 18



RTL 12



RTL 9



Louvre 1



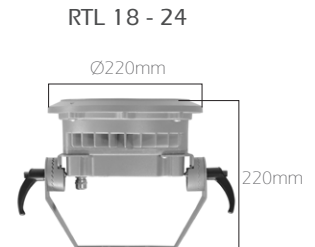
Louvre 2



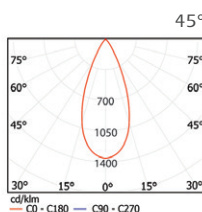
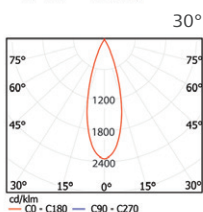
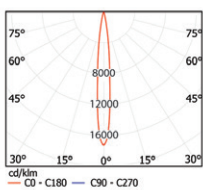
DMX Controller



RTL 9 - 12



RTL 18 - 24



| Code               | RTL 9  | RTL 12      | RTL 18      | RTL 24      |             |
|--------------------|--|-------------|-------------|-------------|-------------|
| LED                | High Efficiency Power LED                                  |             |             |             |             |
| System Power       | 12 W   | 15 W        | 22 W        | 28 W        | 40 W        |
| Light Flux         | 1,145lm-30°  | 1,420lm-30° | 2,300lm-15° | 3,300lm-15° | 4,290lm-15° |
| Colour Temperature | 3000-4000-5000K, R-G-B-Amber, RGB                          |             |             |             |             |
| Voltage            | 220V - 50Hz  |             |             |             |             |
| Body               | Aluminum injection painted with electrostatic paint        |             |             |             |             |
| Cooler             | Cooling from the body surface                              |             |             |             |             |
| Optic              | Impact resistance tempered glass and high efficient lenses |             |             |             |             |
| Frame              | Aluminum injection   |             |             |             |             |
| Colour             | Grey   |             |             |             |             |
| Accessory          | Standard cable or IP68 connector                           |             |             |             |             |
| Box Dimensions     | 25x19x17cm   |             | 28x23x17cm  |             |             |
| Weight             | 2.500 gr   | 2.600 gr    | 3.100 gr    | 3.200 gr    |             |



Wallwasher

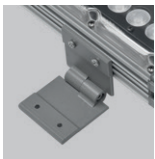
# LITPA QUANTUM - Large

IP66

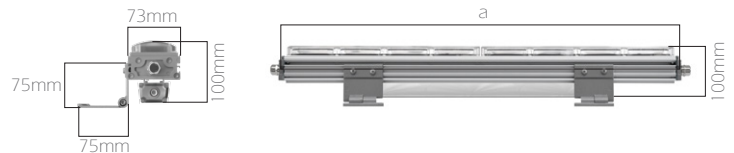
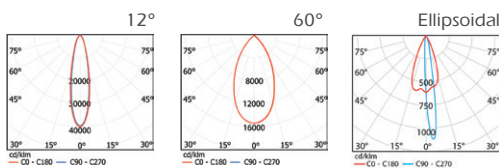
Litpa Quantum is a wallwasher type of fixture produced for use in facade lighting. They can be used as white, red, green, blue, yellow and RGB to get the desired effect on the surface. DMX systems allow the realization of different scenarios for the fixture from one single center. It is possible to direct the area to light properly by virtue of the lens types that can be used at different angles.



QTM-L



Adjustable Mounting Bracket



| Code    | a        |
|---------|----------|
| QTM 30  | 320 mm   |
| QTM 60  | 620 mm   |
| QTM 90  | 920 mm   |
| QTM 120 | 1.220 mm |

| Code               | QTM/L30  |              | QTM/L60         |              | QTM/L90         |              | QTM/L120        |              |
|--------------------|--|--------------|-----------------|--------------|-----------------|--------------|-----------------|--------------|
| LED Type           | High efficiency Power LED  |              |                 |              |                 |              |                 |              |
| LED Quantity       | Single<br>24pcs  | RGB<br>24pcs | Single<br>48pcs | RGB<br>48pcs | Single<br>72pcs | RGB<br>72pcs | Single<br>96pcs | RGB<br>96pcs |
| System Power       | 26W  | 30W          | 52W             | 40W          | 75W             | 60W          | 100W            | 80W          |
| Light Flux         | 3.390lm  | -            | 7.030lm         | -            | 10.200lm        | -            | 13.600lm        | -            |
| LED Life           | 50.000hrs  |              |                 |              |                 |              |                 |              |
| Body               | Aluminum extrusion   |              |                 |              |                 |              |                 |              |
| Cooler             | Cooling from the body surface  |              |                 |              |                 |              |                 |              |
| Diffuser           | Polycarbonate  |              |                 |              |                 |              |                 |              |
| Optic              | High efficiency lens   |              |                 |              |                 |              |                 |              |
| Lens Angle         | 12° - 60° and Ellipsoidal  |              |                 |              |                 |              |                 |              |
| Colour Temperature | 3000K - 4000K - 5000K, red, blue, green, amber, RGB, RGBW, tunable white |              |                 |              |                 |              |                 |              |
| Accessory          | Waterproof connector   |              |                 |              |                 |              |                 |              |
| Weight             | 1.5kg  |              | 2.6kg           |              | 3.2kg           |              | 4.25kg          |              |

Luminous flux measured at 4000K with 60° lens



# LITPA QUANTUM - Slim

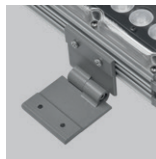
IP66



QTM/S

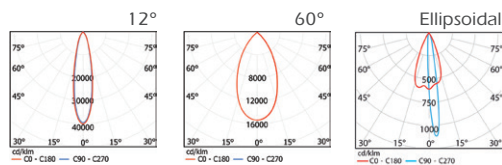
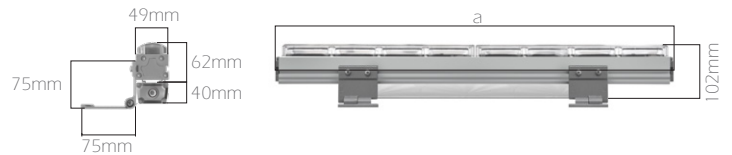


Opal Diffuser



Adjustable Mounting Bracket

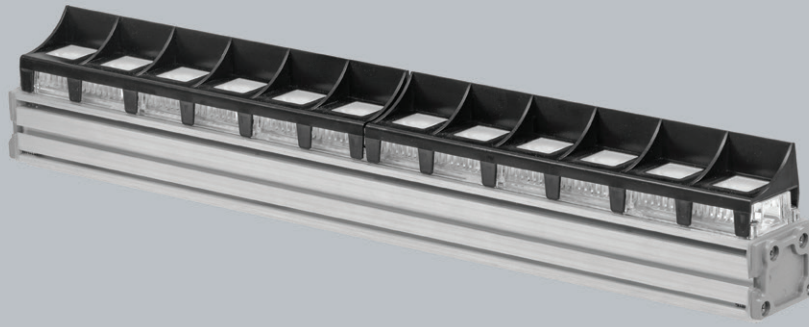
Slim Series Litpa Quantum luminaires on the facade with subtle and elegant structures it provides optimum adaptation to the architectural structure by preserving itself. Foot structure can be adjusted at the desired angle. In this way, they can be assembled. Luminaires to be used with DMX systems suitable. Facade with color transitions using single and multiple colors or the desired effects can be provided in the environment.



| Code      | a        |
|-----------|----------|
| QTM/S 30  | 320 mm   |
| QTM/S 60  | 620 mm   |
| QTM/S 90  | 920 mm   |
| QTM/S 120 | 1.220 mm |

| Code               | QTM/S30  | QTM/S60 | QTM/S90 | QTM/S120 | QTM/S120 |
|--------------------|--|---------|---------|----------|----------|
| LED Type           | High efficiency Power LED                      |         |         |          |          |
| LED Quantity       | 12pcs  | 24pcs   | 36pcs   | 48pcs    | 48pcs    |
| System Power       | 14W  | 28W     | 40W     | 51W      | 102W     |
| Light Flux         | 1800lm   | 3600lm  | 5400lm  | 7180lm   | 11250lm  |
| LED Life           | 50.000hrs                                      |         |         |          |          |
| Body               | Aluminum extrusion                             |         |         |          |          |
| Cooler             | Cooling from the body surface                  |         |         |          |          |
| Diffuser           | Polycarbonate                                  |         |         |          |          |
| Optic              | High efficiency lens                           |         |         |          |          |
| Lens Angle         | 12° - 60° and Ellipsoidal                      |         |         |          | 20°      |
| Colour Temperature | 3000K - 4000K - 5000K, red, blue, green, amber |         |         |          |          |
| Accessory          | Waterproof connector                           |         |         |          |          |

Luminous flux measured at 4000K with 60° lens except 102W

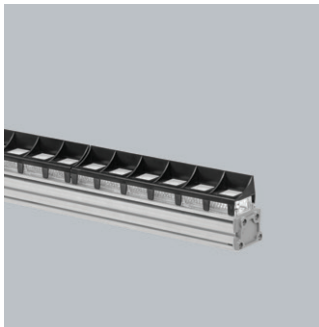


Wallwasher

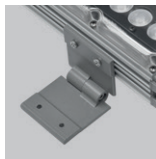
LITPA QUANTUM EVO

IP66

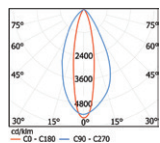
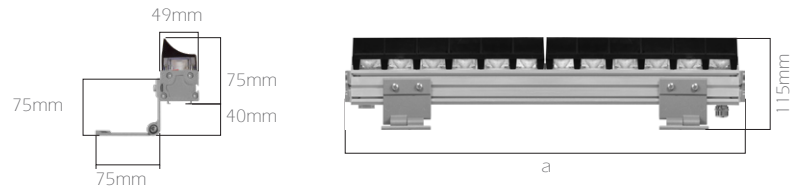
The integrated sealing lens structure on the body surface allows the luminaire to be successfully used in outdoor applications. It provides excellent comfort thanks to its special lens and light cutter structure in areas where light escape is not desired. However, it does not compromise light efficiency.



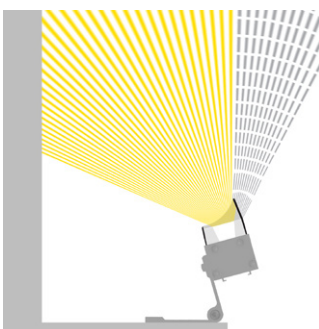
QTM/EVO



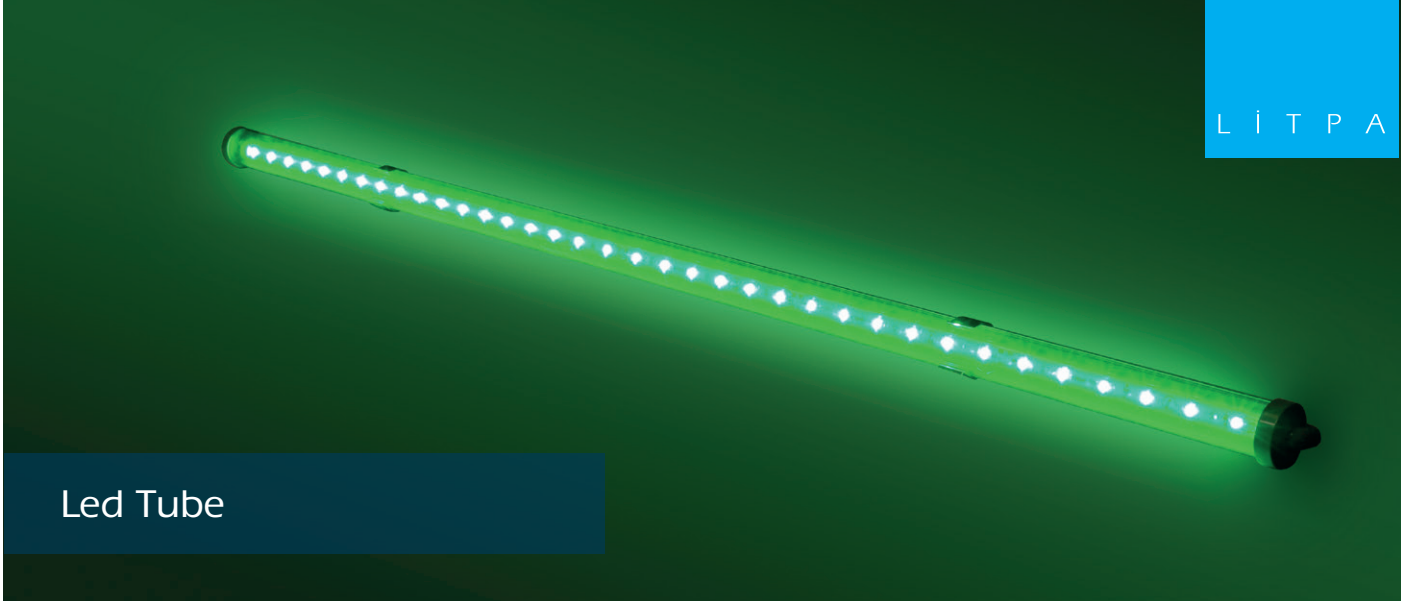
Adjustable Mounting Bracket



| Code        | a      |
|-------------|--------|
| QTM/EVO 50  | 505 mm |
| QTM/EVO 100 | 995 mm |



| Code               | QTM/EVO 50                                     | QTM/EVO 100 |
|--------------------|--|-------------|
| LED Type           | High efficiency Power LED                      |             |
| LED Quantity       | 12pcs  | 24pcs       |
| System Power       | 27W  | 54W         |
| Light Flux         | 2.700lm  | 5.400lm     |
| Body               | Aluminum extrusion                             |             |
| Cooler             | Cooling from the body surface                  |             |
| Diffuser           | Polycarbonate                                  |             |
| Optic              | High efficiency lens                           |             |
| Colour Temperature | 3000K - 4000K - 5000K, red, blue, green, amber |             |
| Accessory          | Waterproof connector                           |             |



Led Tube

## LDD

## IP66

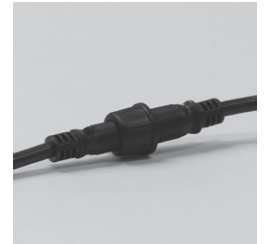


Led Tube luminaires with high protection class (IP) ratings are the essential elements of outdoor lighting. They are often preferred because of the fact that they do not create an unwanted image on a continuous straight line on the façade. LDD luminaire is convenient for facade lighting and offers lighting effects for roof eaves hidden niches. Litpa LDD Led Tubes fulfill the functions of operating without any problems in a long lifetime, thanks to high lumen values and quality components used in production.

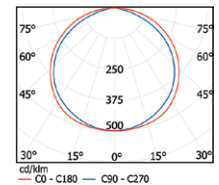
- Mounting brackets are optional
- Adjustable mounting accessories provides angle based mounting option
- LDD fixture is convenient for double side light effect applications
- Wide range of length option from 50cm to 120cm
- Wide range of colour temperature option from 2700K to 6500K
- Colour Rendering index CRI > 80
- Offer best solution for linear applications and provides homogenous light effect
- Multiple fixture can be controlled by one ballast vary up to 240W power consumption at the linear effect applications
- Red-Green-Blue, RGB option is available



Ease of installation



IP67 Connector



|                    |                                   |
|--------------------|-----------------------------------|
| Code               | LDD                               |
| LED                | High Efficiency Midpower LED      |
| System Power       | 18W/m                             |
| Light Flux         | 1533 lm/m                         |
| Colour Temperature | 3000 - 4000 - 5000 K, R,G,B -RGB  |
| Voltage            | 220V - 50Hz                       |
| Body               | Acrylic body and end caps         |
| Colour             | Clear or opal body, gray end caps |
| Weight             | 250gr                             |



IP67

# HADES



HYL 9



HYL 12

HYL 18



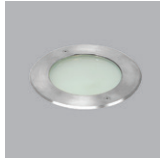
HYL 24



DMX Controller

Ground recessed fixture series named HADES fixtures are designed for use in interior and exterior spaces and are extremely efficient fixtures for lighting of facades, walls, columns, and trees. High efficiency LEDs increase the life of the fixtures and eliminates the heating problems.

These fixtures are resistant to shock thanks to especially reinforced glass structures thereof. They can be produced in desired light color temperature and in different light colors. They are able to create the desired aesthetic effect in the area by being connected to the DMX control unit and by using as RGB.

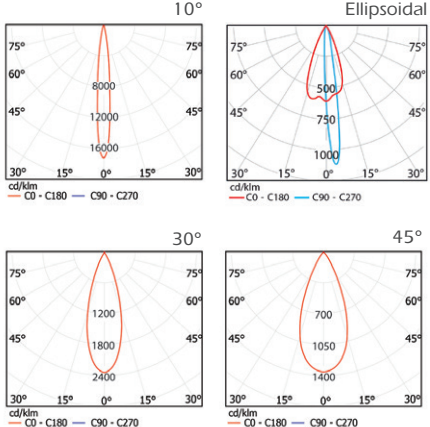


HYL OP

HYL 9 - 12



HYL 18 - 24



| Code               | HYL 9  | HYL 12   | HYL 18     | HYL 24   |
|--------------------|--|----------|------------|----------|
| LED                | High Efficiency Power LED                                  |          |            |          |
| System Power       | 12 W   | 15 W     | 22 W       | 28 W     |
| Light Flux         | 1,050 lm   | 1,411 lm | 2,300 lm   | 3,300 lm |
| Colour Temperature | 3000-4000-5000-6500 K, R-G-B-Amber, RGB                    |          |            |          |
| Voltage            | 220V - 50Hz  |          |            |          |
| Body               | Aluminum injection   |          |            |          |
| Frame              | Type 304 Stainless steel                                   |          |            |          |
| Cooler             | Cooling from the body surface                              |          |            |          |
| Lens Angle         | 10° - (14°+39°) - 30° - 45°                                |          |            |          |
| Optic              | Impact resistance tempered glass and high efficient lenses |          |            |          |
| Accessory          | Standard cable or IP68 connector                           |          |            |          |
| Box Dimensions     | 26x26x25cm   |          | 32x32x27cm |          |
| Weight             | 2.500gr  | 2.600gr  | 3.200gr    | 3.300gr  |



## Ground Recessed

YLW

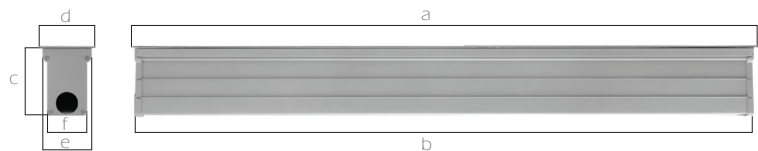
IP67



These highly efficient linear fixtures can be used as ground recessed fixtures in interior and exterior lighting. They have a long lifetime thanks to their stainless steel frames, highly resistant heat-treated glasses and corrosion resistant aluminum bodies that can transfer heat easily. Different LEDs can create the color temperature of the light generated in the fixture. They can be used as RGB by connecting to the DMX control unit.

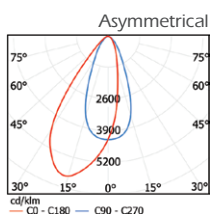


DMX Controller



| Code    | a       | b       | c      | d     | e     | f     | Cut-Out   |
|---------|---------|---------|--------|-------|-------|-------|-----------|
| YLW 40  | 402 mm  | 390 mm  | 107 mm | 90 mm | 80 mm | 65 mm | 82X395mm  |
| YLW 70  | 562 mm  | 550 mm  | 107 mm | 90 mm | 80 mm | 65 mm | 82X555mm  |
| YLW 100 | 1058 mm | 1046 mm | 107 mm | 90 mm | 80 mm | 65 mm | 82X1050mm |

|                    |   |             |              |
|--------------------|---|-------------|--------------|
| Code               | YLW 40  | YLW 70      | YLW 100      |
| LED                | High Efficiency Power LED                           |             |              |
| System Power       | 10 W  | 21 W        | 40 W         |
| Light Flux         | 1.050 lm  | 2.200 lm    | 4.050 lm     |
| Colour Temperature | 3000-4000-5000-6500K, R-G-B-Amber, RGB              |             |              |
| Voltage            | 220V - 50Hz   |             |              |
| Body               | Aluminum extrusion                                  |             |              |
| Cooler             | Cooling from the aluminum body surface              |             |              |
| Lens Angle         | 12° - (14°+39°) - 25° - 46° - 61°                   |             |              |
| Diffuser           | Impact resistance tempered glass with 8mm thickness |             |              |
| Optic              | High efficient lenses                               |             |              |
| Frame              | Type 304 stainless steel                            |             |              |
| Accessory          | Standard cable or IP68 connector                    |             |              |
| Box Dimensions     | 42x12x10 cm   | 58x12x10 cm | 108x12x10 cm |
| Weight             | 2.230 gr  | 3.350 gr    | 6.250 gr     |





## Flowers / Grass Lighting

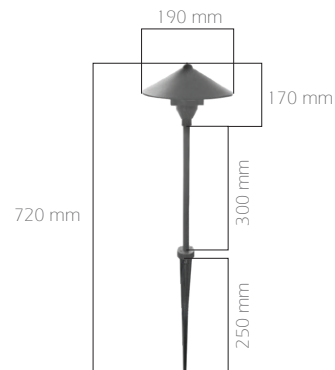
### MSH



Special indirect lawn and garden lighting system designed with high efficiency LED technology within range of 3 to 9 W for outdoor applications. The system is preferred in architectural applications generally thanks to the indirect light beam coming from the module. Bright white paint with reflective properties has been used in the interior body paint with an eye to benefit maximum from the light coming from the LED modules.

MSH model Grass Fixtures can be employed for lighting lawn and garden plants and highlighting details in architectural garden lighting. Color options are available with a view to provide different light effects. Length of the fixture can be arranged according to the desired height.

Durability in all kinds of outdoor conditions thanks to corrosion-resistant injection molded aluminum outer body thereof. Has a long life by virtue of the injection molded aluminum with IP65 protection degree and does not require maintenance thanks to the LED module thereof. It can provide different applications with its free standing model and with the model which can be driven into the ground.



|                    |                                  |
|--------------------|----------------------------------|
| Code               | MSH                              |
| LED                | High Efficiency Power LED        |
| System Power       | 4,5 W                            |
| Light Flux         | 75 lm                            |
| Colour Temperature | 3000 - 4000 - 5000 K / R-G-B     |
| Voltage            | 220V - 50Hz                      |
| Body               | Aluminum injection LED moduls    |
| Lens               | Lenses with opal diffuser effect |
| Glass              | 3 mm thick and tempered glass    |
| Colour             | Grey                             |

## Bollard - Globe

## BOLLARD

IP54 - IP66



IP54

8040



IP54

8050



IP66

LUXOR

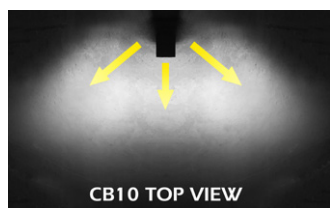


IP54

3007

Our bollards are preferred in various areas of application such as lighting of walking trails, parks, recreational areas, residential areas, outside the stadiums and etc.

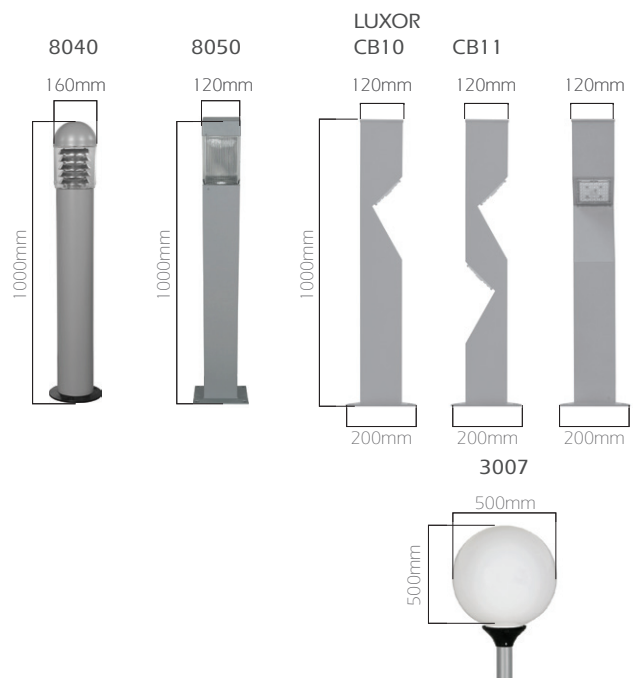
Highly efficient LED systems have been used in this product like in all of our LED products. System power is within the range of 12 W to 24 W and the product life has been extended by easy installation and maintenance.



CB10 TOP VIEW

CB10

CB11

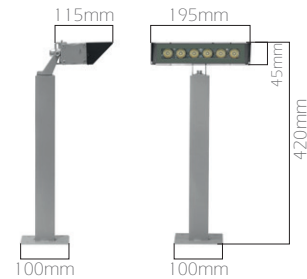
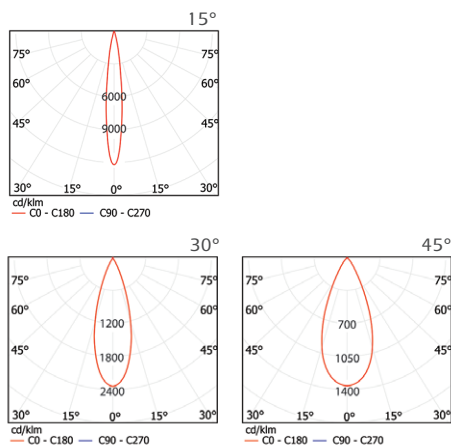


| Code               | 8040                         | 8050 | CB10          | CB11   | 3007        |
|--------------------|------------------------------|------|---------------|--------|-------------|
| LED                | Mid-Power LED                |      | Power LED     |        | Mid-Power   |
| System Power       | 15 ~ 22 W                    |      | 12W           | 2x12W  | 15-22W      |
| Light Flux         | 700 ~ 1000 lm                |      | 1300lm        | 2600lm | 700~1000lm  |
| Colour Temperature | 3000 - 4000 - 5000 K - R-G-B |      |               |        |             |
| Voltage            | 220V - 50Hz                  |      |               |        |             |
| Body               | Aluminum                     |      |               |        |             |
| Diffuser           | Opal or Prismatic            |      | Polycarbonate |        | Opal        |
| Box Dimensions     | 21x21x104 cm                 |      | 21x21x104 cm  |        | 51x51x52 cm |
| Weight             | 5,200 gr                     |      | —             |        | 2,650 gr    |

## Garden Lighting



## LSH



## IP65

This is a special lighting system designed with high-efficiency LED technology within the range of 3 W to 9 W for outdoor applications. They can be used for architectural garden lighting, tree lighting and for underlining the details.

Corrosion-resistant cast aluminum outer body ensures durability against all outdoor conditions. Two different types of mounting options are offered. It is in two models as foot structure fixed to the ground and piled model which can be stuck into earth.



|                   |   |
|-------------------|---|
| Code              | LSH   |
| LED               | High Efficiency Power LED                           |
| System Power      | 8 W   |
| Light Flux        | 720 lm  |
| Color Temperature | 3000 - 4000 - 5000 K, R-G-B - Amber                 |
| Voltage           | 220V - 50Hz   |
| Bpdy              | Aluminum extrusion painted with electrostatic paint |
| Cooler            | Cooling from the body surface                       |
| Lens Angle        | 15° - 30° - 45°                                     |
| Diffuser          | 4 mm thick and tempered glass                       |
| Color             | Gray  |
| Box Dimensions    | 22x21x43cm  |
| Weight            | 1.100 gr  |

## D-LYD

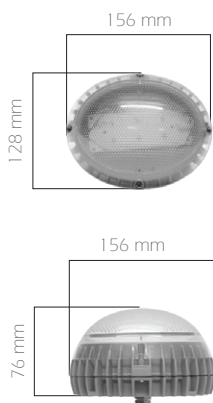
IP65



|                    |                                   |
|--------------------|-----------------------------------|
| Code               | D-LYD                             |
| LED                | High Efficiency Mid-Power and COB |
| System Power       | 5W                                |
| Colour Temperature | 3000 - 4000 - 5000 - 6500 K, RGB  |
| Voltage            | 220V - 50Hz                       |
| Body               | Aluminum injection                |
| Lens               | Opal                              |
| Cooler             | Cooling from the body surface     |
| Colour             | Grey                              |
| Box Dimensions     | 13x15x12 cm                       |
| Weight             | 450 gr                            |

## D-LSD

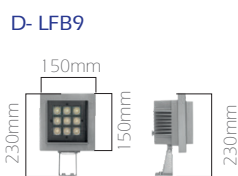
IP65



|                    |                               |
|--------------------|-------------------------------|
| Code               | D-LSD                         |
| LED                | High Efficiency Mid-Power Led |
| System Power       | 8 W                           |
| Colour Temperature | 3000 - 4000 - 5000 - 6500 K   |
| Voltage            | 220V - 50Hz                   |
| Body               | Aluminum injection            |
| Diffuser           | Acrylic transparent lens      |
| Cooler             | Cooling from the body surface |
| Colour             | Grey                          |
| Box Dimensions     | 13x15x18 cm                   |
| Weight             | 650 gr                        |

## D-LFB9

IP65



|                    |   |
|--------------------|---|
| Code               | D-LFB9 / D-LFK9                                     |
| LED                | High Efficiency Power LED                           |
| System Power       | 12 W  |
| Light Flux         | 1200 lm   |
| Colour Temperature | 3000 - 4000 - 5000 K, R-G-B                         |
| Voltage            | 220V - 50Hz   |
| Body               | Aluminum injection painted with electrostatic paint |
| Cooler             | Cooling from the body surface                       |
| Lens Angle         | 12°, 25°, 29°, 61° Lens                             |
| Glass              | 3 mm thickness tempered                             |
| Colour             | Grey  |



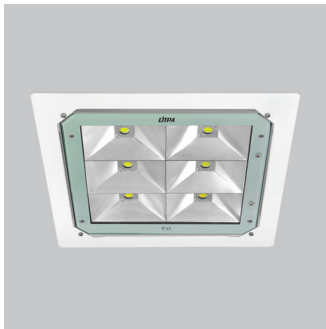
D-LFK9



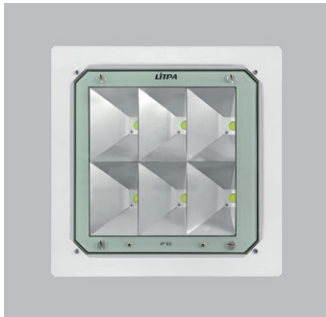
## Canopy Luminaires

# PETROLED

IP65

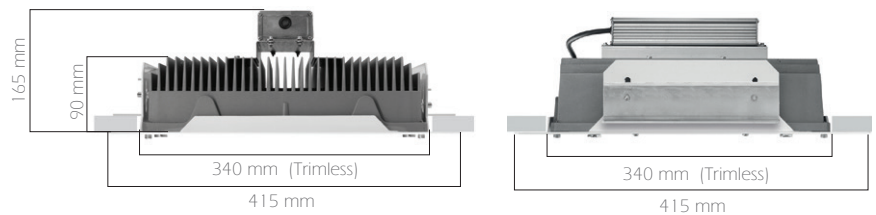


PTL/S

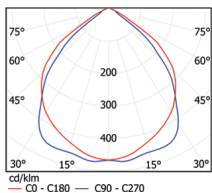


PTL/AS

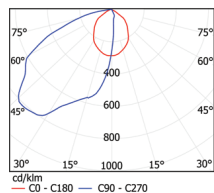
PETROLED Series fixtures produced as canopy fixtures and which can be used under fringes are robust fixtures and are resistant against exterior ambient conditions with durable die-cast aluminum body. The desired light distribution is ensured while maintaining high optical yield at the same time thanks to Miro-Silver reflectors made from material produced especially for LEDs by the German company named Alanod. Fixtures can be produced symmetrical or asymmetrical according to requirement.



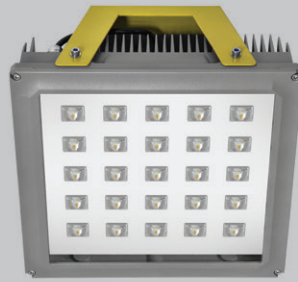
PTL/S



PTL/AS



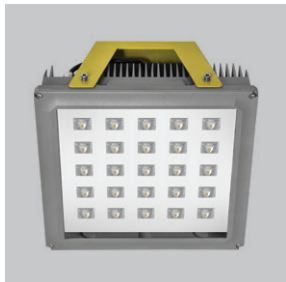
| Code               | PTL 40/S<br>PTL 40/AS                                    | PTL 60/S<br>PTL 60/AS | PTL 80/S<br>PTL 80/AS |
|--------------------|--|-----------------------|-----------------------|
| LED                | High Efficiency COB LED                                  |                       |                       |
| System Power       | 40 W   | 60 W                  | 80 W                  |
| Light Flux         | 4.500lm  | 6.500 lm              | 8.500 lm              |
| Colour Temperature | 3000 - 4000 - 5000 K                                     |                       |                       |
| Voltage            | 220 Volt - 50 Hz   |                       |                       |
| Body               | Aluminum injection                                       |                       |                       |
| Diffuser           | Impact resistance tempered glass<br>serigraphic printing |                       |                       |
| Reflector          | Alanod brand vacuum anodized<br>Miro -Silver aluminum    |                       |                       |
| Cooler             | Cooling from the body surface                            |                       |                       |
| Colour             | White  |                       |                       |
| Accessory          | Recessed ceiling apparatus                               |                       |                       |
| Box Dimensions     | 43x43x17 cm  |                       |                       |
| Weight             | 11.100 gr  |                       |                       |



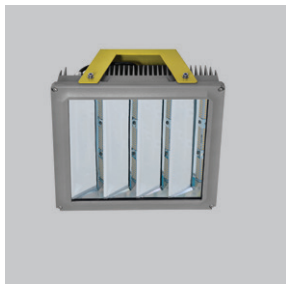
## Tunnel Lighting

### HCL-T

IP66



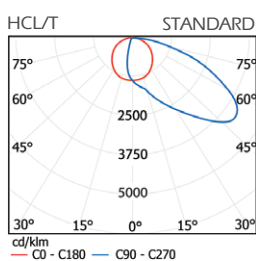
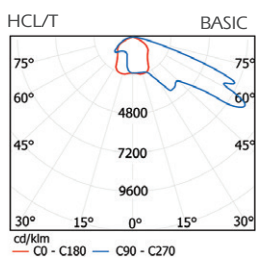
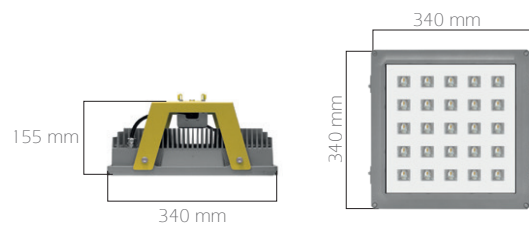
HCL/T BASIC



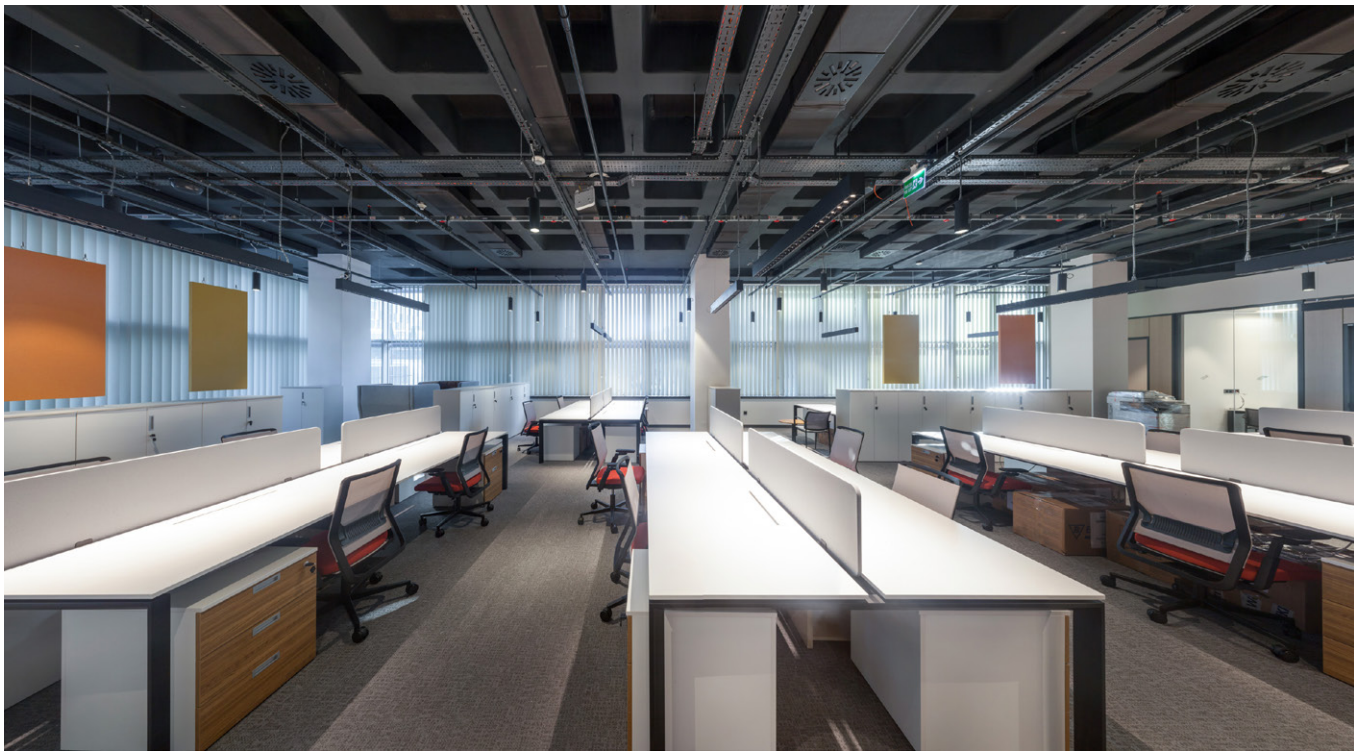
HCL/T STANDARD

Litpa Tunnel Luminaires have produced high quality optic with high technology. It presents excellent technical lighting conditions of tunnel luminaires. Dust and water-resistant body structure and extremely high corrosion resistance.

it provides a long life with. Thanks to the aluminium body structure provides well-ordered cooling.



|                   | BASIC                            |          | STANDARD |          |          |          |
|-------------------|----------------------------------|----------|----------|----------|----------|----------|
| Code              | HCL/T80                          | HCL/T150 | HCL/T100 | HCL/T150 | HCL/T200 | HCL/T240 |
| LED               | High Power LED                   |          |          |          |          |          |
| Sytem Power       | 80 W                             | 150 W    | 100 W    | 150 W    | 200 W    | 240 W    |
| Light Flux        | 8.900lm                          | 13.900lm | 14.200lm | 20.600lm | 26.100lm | 30.700lm |
| Color Temperature | 3000-4000-5000K                  |          |          |          |          |          |
| Voltage           | 220V - 50Hz                      |          |          |          |          |          |
| Body              | Aluminum injection               |          |          |          |          |          |
| Glass             | Impact resistance tempered glass |          |          |          |          |          |
| Optic             | High efficiency lens             |          |          |          |          |          |
| Weight            | 13.000 gr                        |          |          |          |          |          |





# INDOOR LIGHTING LUMINAIRES





Downlight

# SHOPLED

IP20

High energy-efficient SHOPLED downlight fixtures can be used in many areas with the large usage area thereof including shops, hotels, restaurants, cafés, educational areas hospital and houses. They can meet the investment in the usage area after a very short time even with the change of the existing systems. The lives of used COB LEDs are very long due to their fixture bodies and the aluminum coolers placed thereon.



SLG 104



SLG 160

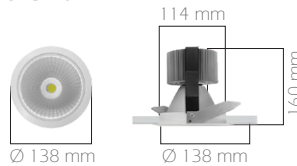
SLG 165



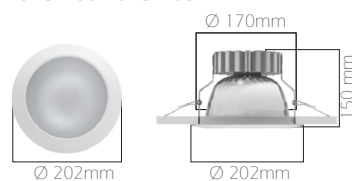
SLG 195

SLG 200

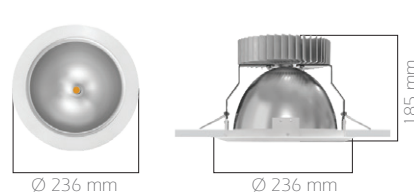
SLG 104



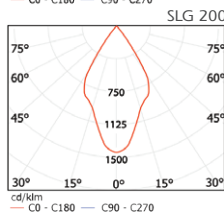
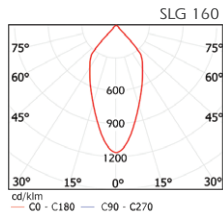
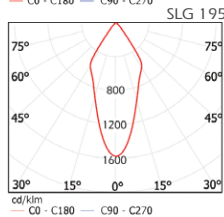
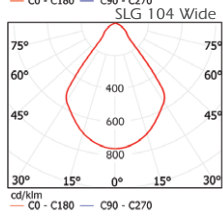
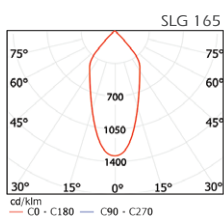
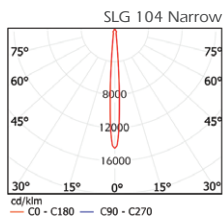
SLG 160 - SLG 165



SLG 195 - SLG 200



| Code    | Cut-Out |
|---------|---------|
| SLG 104 | 120 mm  |
| SLG 160 | 172 mm  |
| SLG 165 | 172 mm  |
| SLG 195 | 205 mm  |
| SLG 200 | 205 mm  |



| Code               | SLG 104  | SLG 165<br>SLG 160                      | SLG 195<br>SLG 200                       |
|--------------------|--|---|--|
| LED                | High Efficiency COB LED                              |   |  |
| LED Power          | 13 W   | 27 W                                    | 36 W                                     |
| Light Flux         | 1,280 lm   | 2,560 lm<br>2,300 lm                    | 3.300 lm<br>3.000 lm                     |
| Colour Temperature | 3000 - 4000 - 5000 K                                 |   |  |
| Voltage            | 220V - 50Hz  |   |  |
| Body               | Die-cast aluminum frame painted with 80 micron thick |   |  |
| Reflector          | 99% pure aluminum                                    |   |  |
| Diffuser           | Acrylic diffuser or tempered glass                   |   |  |
| Cooler             | Aluminum extrusion                                   |   |  |
| Colour             | White  |   |  |
| Box Dimensions     | 30x44x21 cm(6pcs)                                    | 47x47x18 cm(4pcs)<br>21x23x18 cm(1 pcs) | 25x26x24 cm(1 pcs)<br>26x26x25 cm(1 pcs) |
| Weight             | 4.400 gr(6pcs)                                       | 5.250gr(4pcs)<br>1.350gr(1 pcs)         | 1.800 gr(1 pcs)<br>1.650 gr(1 pcs)       |

## Downlight

## PUNTO

IP20  
IP40 Optional

High permeability opal diffuser transfers light to the environment in soft a way. High lighting efficiency and a clear appearance is achieved thanks to special reflectors used in the inner side surface of the fixture. Affordability, efficiency and slimness are three words that summarize Punto Series downlights best.



SSL 104

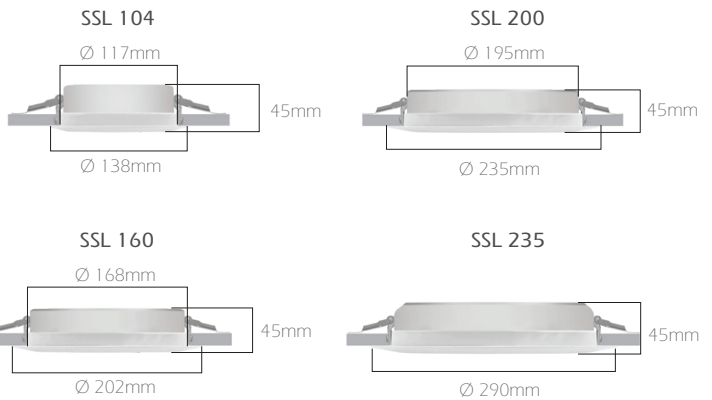


SSL 160

SSL 200

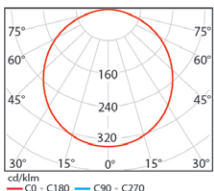


SSL 235



| Code    | Cut-Out |
|---------|---------|
| SSL 104 | 120 mm  |
| SSL 160 | 172 mm  |
| SSL 200 | 205 mm  |
| SSL 235 | 245 mm  |

| Code               | SSL 104                       | SSL 160   | SSL 200   | SSL 235   |
|--------------------|-------------------------------|-----------|-----------|-----------|
| LED                | High Efficiency Mid-Power LED |           |           |           |
| LED Power          | 13 W                          | 20 W      | 22 W      | 32 W      |
| Light Flux         | 1.120 lm                      | 1.500 lm  | 1.900 lm  | 2.300 lm  |
| Colour Temperature | 3000 - 4000 - 5000 K          |           |           |           |
| Voltage            | 220V - 50Hz                   |           |           |           |
| Body               | Aluminum injection frame.     |           |           |           |
| Diffuser           | Opal                          |           |           |           |
| Cooler             | Cooling from the body surface |           |           |           |
| Colour             | White                         |           |           |           |
| Box Dimensions     | 15x15x7cm                     | 22x22x7cm | 25x25x7cm | 30x30x7cm |
| Weight             | 250 gr                        | 450 gr    | 450 gr    | 550 gr    |





## Downlight

## FASHIONLED

IP20



FASHIONLED is type of fixture which can be easily used in a practical manner thanks to the design thereof allowing it to be moved and turned to all directions easily by mounting on rails in case of need for store, shop window and emphasized lighting. Multiple blades placed thereon transfers the cooling area from an extremely large surface to environment. Thus, highly efficient COB LEDs can have a very long life. Reflector options with 10 °, 30 ° and 60 ° are available. A wide choice is offered to users with different strengths and body structures.

RLK 13

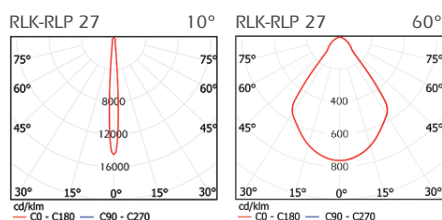
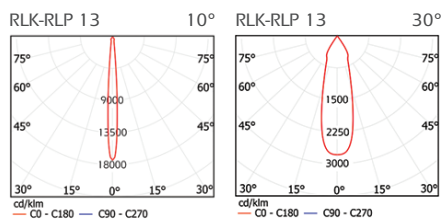
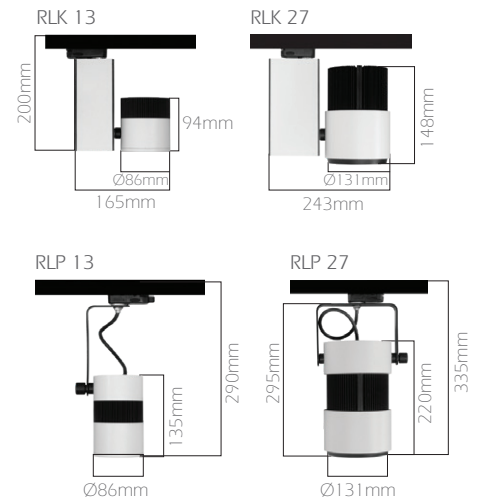


RLK 27



RLP 13

RLP 27



| Code               | RLK 13                                    | RLP 13 | RLK 27      | RLP 27 |
|--------------------|---|--------|-------------|--------|
| LED                | High Efficiency COB LED                   |        |             |        |
| LED Power          | 13 W                                      |        | 27 W        |        |
| Light Flux         | 1,350 lm                                  |        | 2.500 lm    |        |
| Colour Temperature | 3000 - 4000 - 5000 K                      |        |             |        |
| Voltage            | 220V - 50Hz                               |        |             |        |
| Body               | Aluminum extrusion and aluminum frame     |        |             |        |
| Reflector          | 99% pure aluminum                         |        |             |        |
| Diffuser           | 3 mm thickness transparent tempered glass |        |             |        |
| Cooler             | Aluminum extrusion                        |        |             |        |
| Colour             | White                                     |        |             |        |
| Box Dimensions     | 22x17x29 cm                               |        | 25x25x40 cm |        |
| Weight             | 900 gr                                    |        | 2.700 gr    |        |

## Downlight

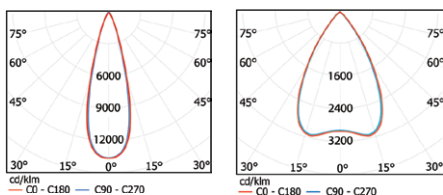
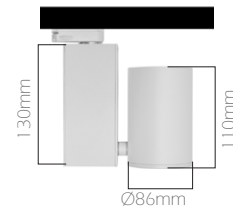
## FASHIONLED

IP20

RLK / M series luminaires which are including lens produced with aluminum body provide the desired optical requirements for the spaces, while they attract attention as highly efficient rail spots. Luminaires are compact body, easily orientable and mountable luminaire. Luminaires are manufactured with quality material and simple design concept.



RLK/M



|                    |                                       |
|--------------------|---------------------------------------|
| Code               | RLK/M                                 |
| LED                | High Efficiency LED                   |
| System Power       | 32 W                                  |
| Light Flux         | 3.350 lm                              |
| Colour Temperature | 3000 - 4000 - 5000 K                  |
| Voltage            | 220V - 50Hz                           |
| Body               | Aluminum extrusion and aluminum frame |
| Reflector          | 99% Pure aluminum                     |
| Optic              | Ledil Lens                            |
| Colour             | White                                 |



DML 1



DML 2



DML 3



DML 4

## Downlight

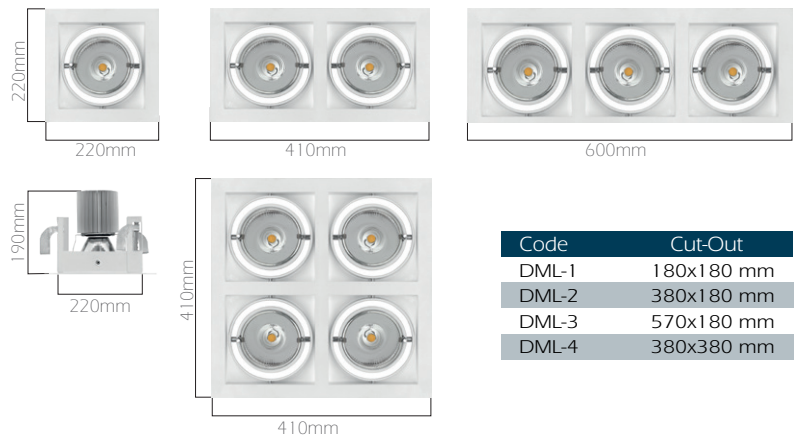
## SHOWLED

## IP20

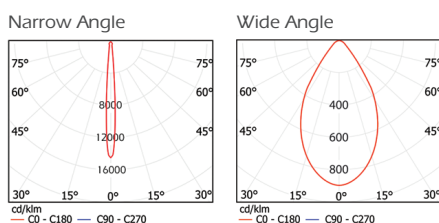


SHOWLED is a highly efficient and economical type fixture with a wide range of applications used in interior. Spots in 2, 3 and 4-piece units are designed to move independently from each other. In this way, light from a single fixture can be transmitted simultaneously to different directions.

Mounting feet press firmly on the surface to prevent the gap between ceiling and the mounting frame and bad appearance due to assembly can be prevented. Different reflector structures offer possibilities to meet your requirements from the optical point of view. High LED efficiency and highly efficient reflectors thereof will provide significant energy savings for your business.



| Code               | DML 1  | DML 2                            | DML 3                             | DML 4                              |
|--------------------|--|----------------------------------|-----------------------------------|------------------------------------|
| LED                | High Efficiency COB LED                                      |                                  |                                   |                                    |
| LED Power          | 1x13 W<br>1x27 W<br>1x36 W                                   | 2x13 W<br>2x27 W<br>2x36 W       | 3x13 W<br>3x27 W<br>3x36 W        | 4x13 W<br>4x27 W<br>4x36 W         |
| Light Flux         | 1,350 lm<br>2,650 lm<br>3,350 lm                             | 2,700 lm<br>5,300 lm<br>6,700 lm | 4,050 lm<br>7,950 lm<br>10,050 lm | 5,400 lm<br>10,600 lm<br>13,400 lm |
| Colour Temperature | 3000 - 4000 - 5000 K   |                                  |                                   |                                    |
| Voltage            | 220V - 50Hz  |                                  |                                   |                                    |
| Body               | Made of 1 mm thick sheet steel and painted with powder paint |                                  |                                   |                                    |
| Reflector          | 1 mm thick anodized aluminum vacuum 99.9 %                   |                                  |                                   |                                    |
| Cooler             | 6063 T5 aluminum extrusion                                   |                                  |                                   |                                    |
| Colour             | Grey   |                                  |                                   |                                    |
| Box Dimensions     | 24x24x21cm   | 24x45x21cm                       | 24x64x21cm                        | 45x45x21cm                         |
| Weight             | 2.100 gr   | 4.100 gr                         | 6.200 gr                          | 8.200 gr                           |



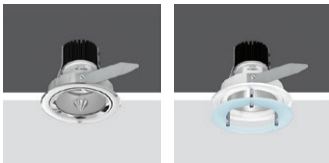
## Downlight

## GALAXYLED

IP20



DL 2003



DL 2004

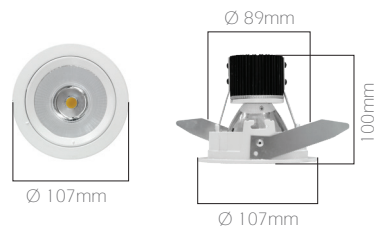
DL 2005



DL 2006

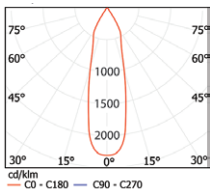
GALAXYLED fixtures are suitable for use in many areas such as particularly hotels, restaurants, plazas, shopping malls and stores. COB LEDs furnish extremely good fixture efficiency and stable operation by virtue of high-efficient reflectors and coolers manufactured from aluminum material with high-grade heat transfer. They lower the amount of visual pollution to minimum levels and help you to achieve the desired lighting levels. They are suitable for effects and decorative lighting with different optical and power options.

DL 2003-2004-2005-2006

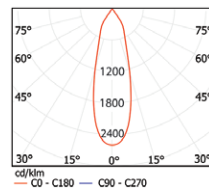


| Code    | Cut-Out |
|---------|---------|
| DL-2003 | Ø 93 mm |
| DL-2004 | Ø 93 mm |
| DL-2005 | Ø 93 mm |
| DL-2006 | Ø 93 mm |

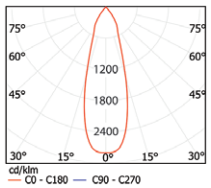
DL 2003-C1



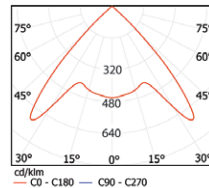
DL 2003-C2



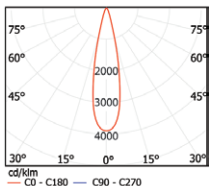
DL 2004



DL 2005



DL 2006



| Code               | DL 2003 C1<br>DL 2003 C2                             | DL 2004 | DL 2005 | DL 2006          |
|--------------------|--|---------|---------|------------------|
| LED                | High Efficiency COB LED                              |         |         |                  |
| System Power       | 8 W  | 8 W     | 8 W     | 8 W              |
| Light Flux         | 640 lm<br>620 lm                                     | 620 lm  | 670 lm  | 730 lm           |
| Colour Temperature | 3000 - 4000 - 5000 K                                 |         |         |                  |
| Cooler             | Aluminum extrusion                                   |         |         |                  |
| Voltage            | 220V - 50Hz  |         |         |                  |
| Body               | Aluminum injection frame                             |         |         |                  |
| Reflector          | High pure aluminum                                   |         |         |                  |
| Diffuser           | 65 mm diameter 3 mm thick transparent tempered glass |         |         |                  |
| Colour             | White  |         |         |                  |
| Box Dimensions     | 15x15x12.5 cm  |         |         | 15x15x13cm       |
| Weight             | 490 gr   | 500 gr  | 550 gr  | 480 gr<br>600 gr |



Downlight

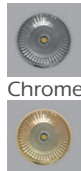
## SFR

## IP20

SFR model downlight fixtures are indispensable application elements for interior lighting with their compact and simple structure. They can be applied in hotels, schools, shopping centers and many other places. Reflectors used in the fixture to perform this task without requiring extra frame and provide an appearance integrated with the ceiling and which does not harm the aesthetics structure of the area thanks to the fine structure thereof. They offer a perfect solution in locations where dark light is desired and glare is unwanted by using black reflector.



SFR 13/S White



Chrome

Gold

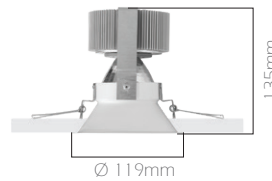


SFR 13/S



SFR 13/L

SFR 13/S



Ø 119mm

SFR 13/L



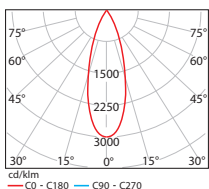
Ø 111mm



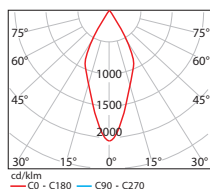
Ø 119mm

| Code     | Cut-Out |
|----------|---------|
| SFR 13/S | 110 mm  |
| SFR 13/L | 105 mm  |

SFR 13/S White



SFR 13/S Black



| Code               | SFR 13/S  | SFR 13/L              |
|--------------------|---|-----------------------|
| LED                | High Efficiency COB LED   |                       |
| LED Power          | 13 W  |                       |
| Light Flux         | 833lm - White Reflector<br>708lm - Black Reflector                                    | 833lm-White Reflector |
| Colour Temperature | 3000 - 4000 - 5000 K  |                       |
| Voltage            | 220V - 50Hz   |                       |
| Body               | Manufactured from spinning aluminum and painted with 80 mm electrostatic powder paint |                       |
| Reflector          | Spining aluminum  |                       |
| Cooler             | Aluminum extrusion  |                       |
| Colour (Reflector) | White or Black  |                       |
| Box Dimensions     | 14x13x13cm  | 16x13x13cm            |
| Weight             | 450 gr  | 450 gr                |





## Downlight

### SMG-L

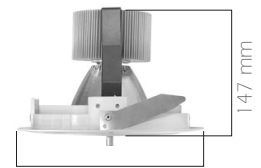
IP20



The SMG-L luminaires are perfectly matched to the ceiling with special pulley structure and show a nice posture in the ceilings with aesthetic durability in the applied areas. The orientation of the luminaire provides flexibility in positioning the ceiling. With the high efficiency LED types and power options used, desired lighting levels can be provided easily.



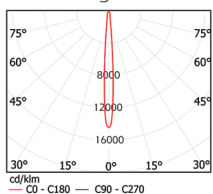
Ø 201 mm



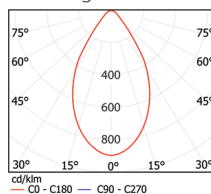
Ø 201 mm

147 mm

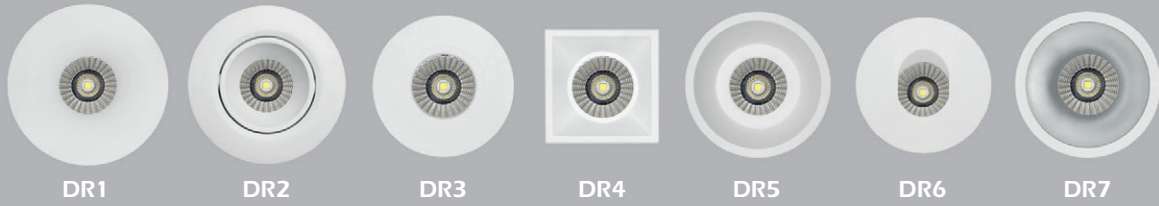
Narrow Angle



Wide Angle



|                    |  |          |
|--------------------|--|----------|
| Code               | SMG-L  |          |
| LED                | High Efficiency COB LED  |          |
| LED Power          | 13 W   | 27 W     |
| Light Flux         | 1.280 lm   | 2.500 lm |
| Colour Temperature | 3000 - 4000 - 5000 K   |          |
| Voltage            | 220V - 50Hz  |          |
| Body               | Aluminum injection frame painted with 80 micron electrostatic powder paint |          |
| Cooler             | Aluminum extrusion   |          |
| Glass              | 3mm thick tempered glass   |          |
| Colour             | White  |          |
| Box Dimensions     | 21x23x19 cm  |          |
| Weight             | 1.470 gr   |          |



## Downlight Systems

### DR (Frames)

IP20

The LITPA Downlight systems ensure that different models and luminaire fittings can be used with different power options. Each type of pulley, the LED light source with 3 different wattage can be easily installed with the integrated cooler.

There are options to use reflectors and lenses in luminaires. Thanks to the usage of optics, the light omitting from the luminaire is only and only directing to the enlightening areas. By this way energy conservation can be applied.



DR1



DR2 Adjustable



DR3

IP54



DR4



DR5

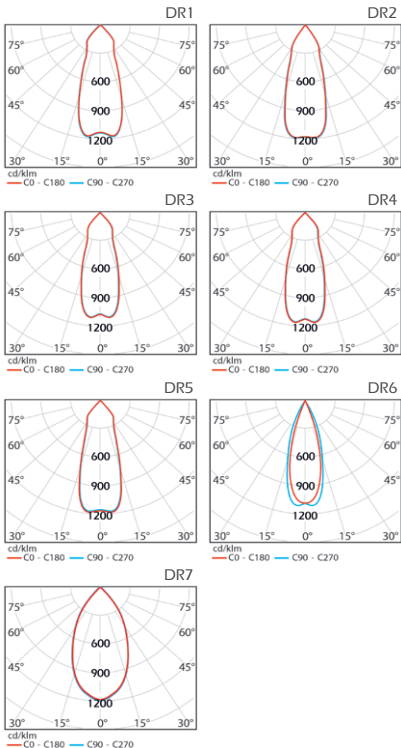


DR6

Adjustable



DR7



### Darklight apparatus



Darklight apparatus narrows the angle of light coming out of the luminaire (available with DR1 - DR3- DR4 - DR5 - DR7)

| Code               | DR1                                       | DR2                     | DR3                      | DR4                      | DR5                      | DR6                     | DR7                      |
|--------------------|---|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|--------------------------|
| LED                | High efficiency COB LED                   |                         |                          |                          |                          |                         |                          |
| System Power       | 4W<br>10W<br>15W                          | 4W<br>10W<br>15W        | 4W<br>10W<br>15W         | 4W<br>10W<br>15W         | 4W<br>10W<br>15W         | 4W<br>10W<br>15W        | 4W<br>10W<br>15W         |
| Light Flux         | 400lm<br>780lm<br>1170lm                  | 350lm<br>650lm<br>980lm | 360lm<br>690lm<br>1050lm | 400lm<br>800lm<br>1200lm | 380lm<br>750lm<br>1130lm | 300lm<br>580lm<br>900lm | 410lm<br>800lm<br>1200lm |
| Colour Temperature | 3000 - 4000 - 5000 K                      |                         |                          |                          |                          |                         |                          |
| Voltage            | 220V - 50Hz                               |                         |                          |                          |                          |                         |                          |
| Body               | Aluminum injection frame                  |                         |                          |                          |                          |                         |                          |
| Optic              | %99 pure aluminum or high efficiency lens |                         |                          |                          |                          |                         |                          |
| Cooler             | Aluminum injection                        |                         |                          |                          |                          |                         |                          |
| Colour             | White                                     |                         |                          |                          |                          |                         |                          |



## Downlight Systems

### DOT (Power Options)

IP20



DOT1



DOT2



DOT3

#### Optic

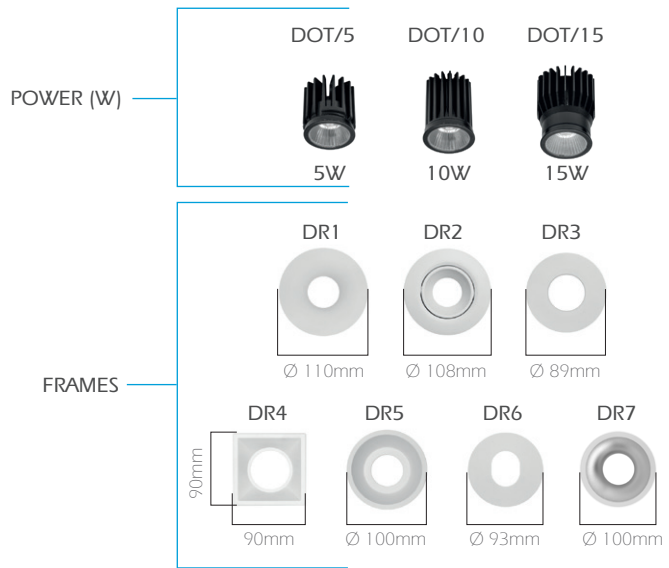


Lens



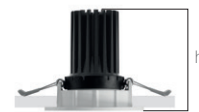
Reflector

This lighting system alone needs different visual, optical and light can be afforded. Some pulley types can be directed in vertical luminaire that permits. Anti-glare accessories can be applied to all pulley types.



#### LUMINAIRE HEIGHT (h)

|       | POWER |        |        |       |
|-------|-------|--------|--------|-------|
|       | DOT/5 | DOT/10 | DOT/15 |       |
| Frame | DR1   | 74mm   | 84mm   | 92mm  |
|       | DR2   | 87mm   | 97mm   | 105mm |
|       | DR3   | 65mm   | 75mm   | 83mm  |
|       | DR4   | 82mm   | 92mm   | 100mm |
|       | DR5   | 94mm   | 104mm  | 112mm |
|       | DR6   | 87mm   | 97mm   | 105mm |
|       | DR7   | 90mm   | 100mm  | 105mm |

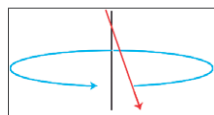


#### CUT-OUT

| Frame | Cut-Out |
|-------|---------|
| DR1   | 88mm    |
| DR2   | 90mm    |
| DR3   | 70mm    |
| DR4   | 80x80mm |
| DR5   | 90mm    |
| DR6   | 75mm    |
| DR7   | 90mm    |

## ELD 75

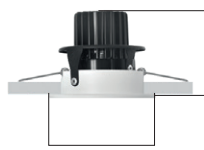
IP20



Rotatable



Ø 90mm



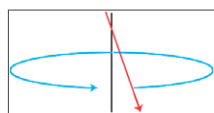
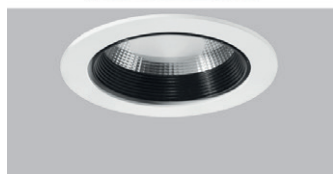
Ø 90mm

Ø 80mm

|                    |                                |          |
|--------------------|--------------------------------|----------|
| Code               | ELD 75/5                       | ELD 75/8 |
| LED                | High Efficiency Power LED      |          |
| System Power       | 5 W                            | 9 W      |
| Light Flux         | 450 lm                         | 850 lm   |
| Colour Temperature | 3000 - 4000 - 5000 K           |          |
| Voltage            | 220V - 50Hz                    |          |
| Body               | Aluminum injection             |          |
| Cooler             | Aluminum                       |          |
| Reflector          | Aluminum                       |          |
| Glass              | 3mm thick transparent tempered |          |
| Box Dimensions     | 12x12x12 cm                    |          |
| Weight             | 290 gr                         |          |
| Cut-Out            | Ø 75 mm                        |          |

## ELD 125

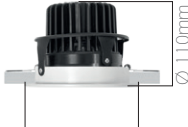
IP20



Rotatable



Ø 138mm



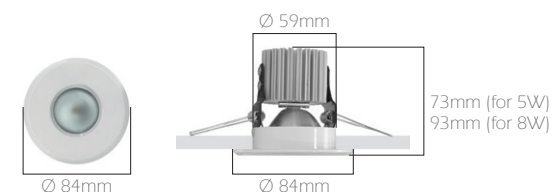
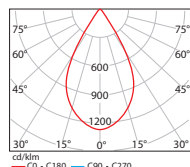
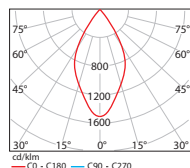
Ø 138mm

Ø 110mm

|                    |                                |
|--------------------|--------------------------------|
| Code               | ELD 125                        |
| LED                | High Efficiency COB LED        |
| System Power       | 16 W                           |
| Light Flux         | 1.060 lm                       |
| Colour Temperature | 3000 - 4000 - 5000 K           |
| Voltage            | 220V - 50Hz                    |
| Body               | Aluminum injection             |
| Cooler             | Aluminum                       |
| Reflector          | Aluminum                       |
| Glass              | 3mm thick transparent tempered |
| Box Dimensions     | 15x15x15 cm                    |
| Weight             | 740 gr                         |
| Cut-Out            | Ø 125 mm                       |

## L1671

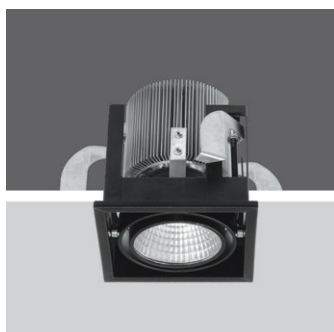
IP20 - IP54



|                    |                                  |               |
|--------------------|----------------------------------|---------------|
| Code               | L1671/5                          | L1671/8       |
| LED                | COB Led                          | Multichip Led |
| System Power       | 5 W                              | 9 W           |
| Light Flux         | 480 lm                           | 660 lm        |
| Colour Temperature | 3000 - 4000 - 5000 K             |               |
| Voltage            | 220V - 50Hz                      |               |
| Body               | Aluminum injection               |               |
| Reflector          | 99% pure aluminum                |               |
| Cooler             | Aluminum extrusion               |               |
| Glass              | 3mm thick, transparent, tempered |               |
| Box Dimensions     | 30x44x15 cm (6pcs)               |               |
| Weight             | 2.300 gr (6pcs)                  |               |
| Cut-Out            | Ø 68 mm                          |               |

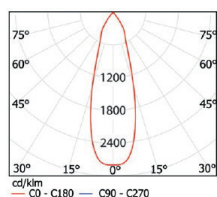
## HRN1

IP20



|                    |                             |          |          |          |
|--------------------|-----------------------------|----------|----------|----------|
| Code               | HRN113                      | HRN127   | HRN213   | HRN227   |
| LED                | High Efficiency COB LED     |          |          |          |
| LED Power          | 13 W                        | 27 W     | 2x13 W   | 2x27 W   |
| Light Flux         | 1.230 lm                    | 2.350 lm | 2.460 lm | 4.700 lm |
| Colour Temperature | 3000 - 4000 - 5000 K        |          |          |          |
| Voltage            | 220V - 50Hz                 |          |          |          |
| Body               | 0,6 mm thick DKP            |          |          |          |
| Reflector          | 99.9 % purity aluminum      |          |          |          |
| Cooler             | 6063 T5 aluminum extrusions |          |          |          |
| Colour             | White, Black                |          |          |          |

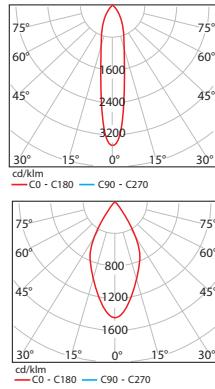
## HRN2



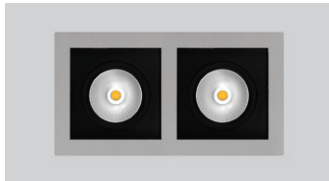
|        |       |       |       |
|--------|-------|-------|-------|
| Code   | h     | a     | b     |
| HRN113 | 125mm | 120mm | 120mm |
| HRN127 | 140mm | 120mm | 120mm |
| HRN213 | 125mm | 230mm | 120mm |
| HRN227 | 140mm | 230mm | 120mm |

LKG1

IP20



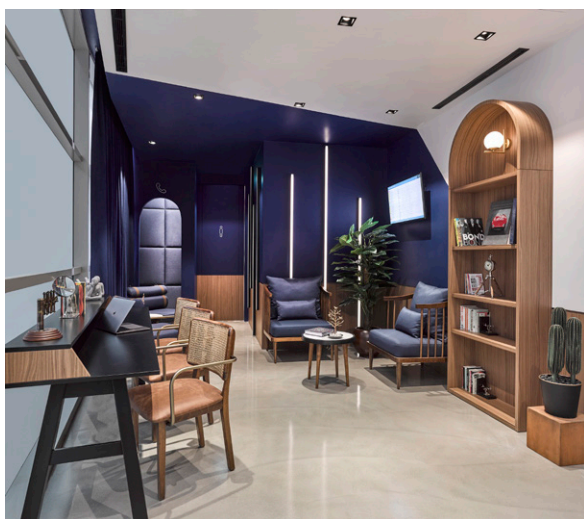
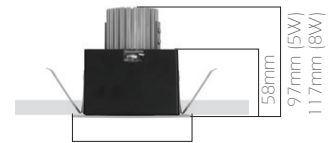
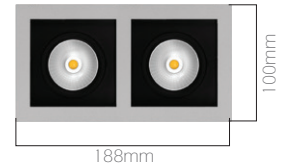
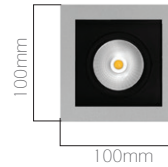
LKG2



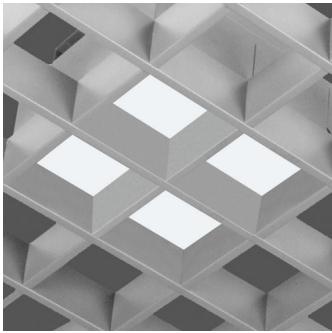
| Code               | LKG 1   |        | LKG 2           |         |
|--------------------|---|--------|-----------------|---------|
| LED                | High Efficiency LED   |        |                 |         |
| System Power       | 5 W   | 8 W    | 2x5 W           | 2x8 W   |
| Light Flux         | 480lm   | 660 lm | 960 lm          | 1320 lm |
| Colour Temperature | 3000 - 4000 - 5000 K  |        |                 |         |
| Voltage            | 220V - 50Hz   |        |                 |         |
| Body               | 1 mm thick DKP sheet painted with electro-static powder paint |        |                 |         |
| Reflector          | High efficiency aluminum                                      |        |                 |         |
| Cooler             | Aluminum extrusion  |        |                 |         |
| Frame              | 1,5mm thick DKP, inner frame aluminum injection               |        |                 |         |
| Box Dimension      | 30x44x15 cm (6pcs)  |        |                 |         |
| Weight             | 3.200 gr (6pcs)   |        | 5.500 gr (6pcs) |         |
| Cut-Out            | 93X93 mm  |        | 93X181 mm       |         |

LKG1

LKG2

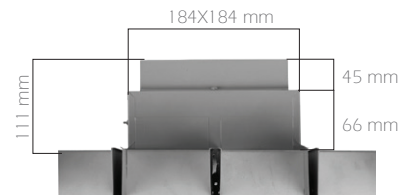


## PGH

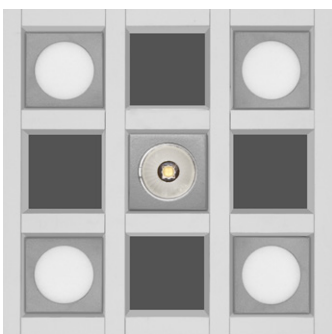


IP20

|                    |  |
|--------------------|--|
| Code               | PGH  |
| LED                | High Efficiency Mid-Power LED                                    |
| System Power       | 10 W - 15 W - 20 W   |
| Light Flux         | 840 lm - 1.170 lm - 1.230 lm                                     |
| Colour Temperature | 3000 - 4000 - 5000 K   |
| Voltage            | 220V - 50Hz  |
| Body               | 0.6mm made DKP steel sheet and painted with 80 micron thickness. |
| Diffuser           | High permeable opal  |
| Cooler             | Cooling from the body surface                                    |
| Colour             | Grey   |
| Box Dimensions     | 220x220x175 mm   |

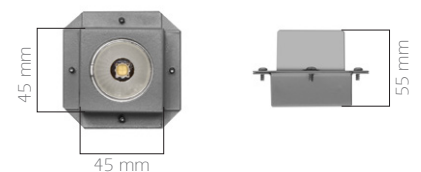


## PGH/M



IP20

|                    |  |         |
|--------------------|--|---------|
| Code               | PGH/MR   | PGH/MOP |
| LED                | High efficiency LED  |         |
| System Power       | 5W   | 5W      |
| Colour Temperature | 3000 - 4000 - 5000 K                                       |         |
| Voltage            | 220V - 50Hz  |         |
| Body               | 0.6mm DKP sheet. Painted with electro-static powder paint. |         |
| Reflector          | Aluminum   | —       |
| Diffuser           | —  | Opal    |
| Colour             | Grey   |         |





## Surface Mounted

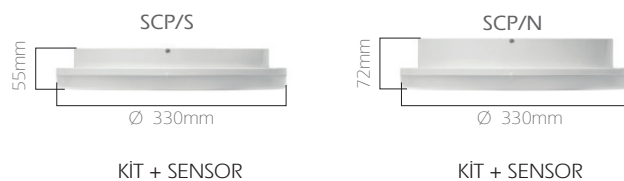
## SCP/S

IP54



These round-shaped products are surface mounted fixtures. Since light can be extremely homogenous and the protection class is high, the usage of areas are also quite large. Luminaires can be made at two different heights. Luminaires can be more functional by offering kit and sensor mounting option.

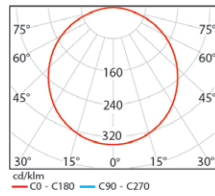
## SCP/N



| Code               | SCP/S                         | SCP/N     |
|--------------------|-------------------------------|-----------|
| LED                | High Efficiency Mid-Power LED |           |
| Power              | 24W                           |           |
| Light Flux         | 2.050 lm                      |           |
| Driver             | Included                      |           |
| Colour Temperature | 3.000 - 4.000 - 5.000 K       |           |
| Voltage            | 180 -240 V / 50hz             |           |
| Body               | Polycarbonate                 |           |
| Diffuser           | Polycarbonate - opal          |           |
| Emergency Kit      | —                             | 1 - 3 hrs |

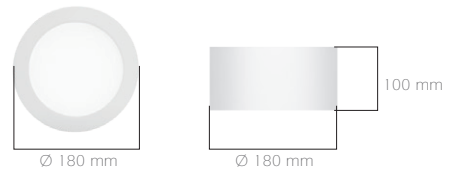


PNS

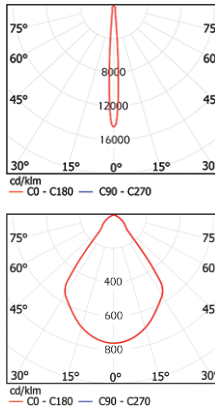


|                    |                               |
|--------------------|-------------------------------|
| Code               | PNS                           |
| LED                | High Efficiency Mid-Power LED |
| System Power       | 13 W                          |
| Light Flux         | 800 lm                        |
| Colour Temperature | 3000 - 4000 - 5000 K          |
| Voltage            | 220V - 50Hz                   |
| Body               | Spinning sheet                |
| Frame              | 1,5mm thick DKP               |
| Diffuser           | 1,2mm Opal                    |
| Colour             | White, grey, black            |
| Optional           | 1 hrs kit                     |

IP20

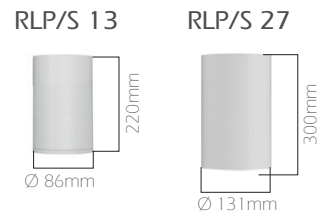


RLP/S



|                    |   |          |
|--------------------|---|----------|
| Code               | RLP/S 13                                  | RLP/S 27 |
| LED                | High Efficiency COB LED                   |          |
| LED Power          | 13 W                                      | 27 W     |
| Light Flux         | 1,350 lm                                  | 2.500 lm |
| Colour Temperature | 3000 - 4000 - 5000 K                      |          |
| Voltage            | 220V - 50Hz                               |          |
| Body               | Aluminum extrusion and aluminum frame     |          |
| Reflector          | 99% pure aluminum                         |          |
| Diffuser           | 3 mm thickness transparent tempered glass |          |
| Cooler             | Aluminum extrusion                        |          |
| Colour             | White                                     |          |

IP20



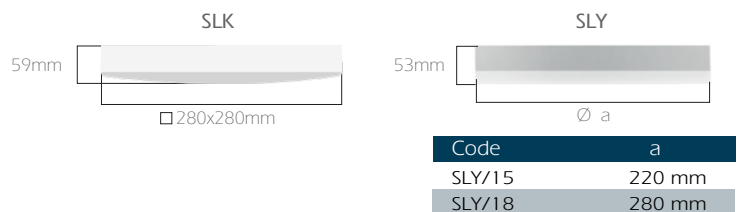
SLK



|                    |                               |         |         |                              |
|--------------------|-------------------------------|---------|---------|------------------------------|
| Code               | SLK/18                        | SLY/15  | SLY/18  | SLY/M18<br>Light Sensor Type |
| LED                | High Efficiency Mid-Power Led |         |         |                              |
| Power              | 18W                           | 15W     | 18W     | 18W                          |
| Luminous Flux      | 1800lm                        | 1380lm  | 1550lm  | 1550lm                       |
| Colour Temperature | 3.000 K                       | 4.000 K | 4.000 K | 4.000 K                      |
| Voltage            | 180 -240 V / 50hz             |         |         |                              |
| Body               | Polycarbonate body            |         |         |                              |
| Diffuser           | Polycarbonate opal            |         |         |                              |
| Weight             | 900 gr                        | 400 gr  | 615 gr  | 615 gr                       |

IP44

SLY



# Office Lighting

## OFISLED

IP20

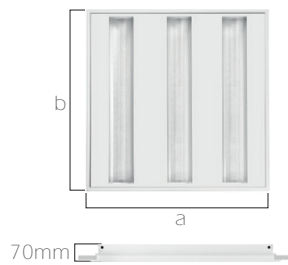
LGS has been developed to transfer high LED technology to office lighting. Production is possible for all types of suspended ceilings. Therefore, production is made according to the brand/model of the suspended ceiling to be used. Glare and screen reflections have been taken into consideration in the optical design of the fixture which are the most important requirements in offices and Cat-1 Cat-2 types of the fixture have been developed. OFISLED is a lighting system which meets its investments by the savings it provides by renewal of existing systems thanks to high effectiveness of the LEDs and fixture efficiency compared to conventional fluorescents and T5 fixtures.



LGS 60-60/3

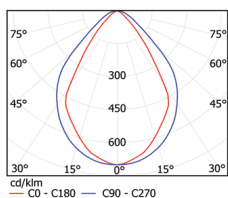


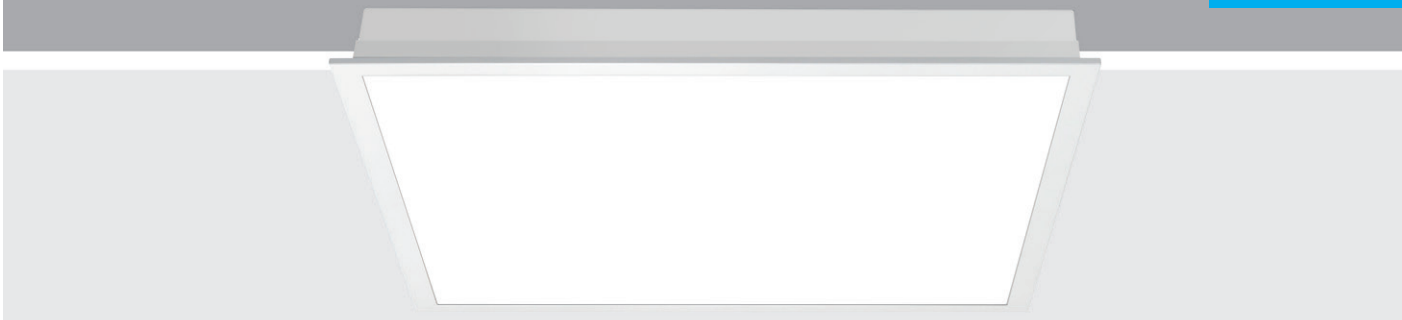
LGS 60-60/4



|         | Code           | a     | b      | Cut-Out    |
|---------|----------------|-------|--------|------------|
| GYPSUM  | LGS 001 30-60  | 295mm | 595mm  | 280x580mm  |
|         | LGS 001 60-60  | 595mm | 595mm  | 580x580mm  |
|         | LGS 001 30-120 | 295mm | 1195mm | 280x1180mm |
| CLIP-IN | LGS 002 30-60  | 299mm | 599mm  | -          |
|         | LGS 002 60-60  | 599mm | 599mm  | -          |
|         | LGS 002 30-120 | 299mm | 1199mm | -          |
| MODULAR | LGS 300 30-60  | 295mm | 595mm  | -          |
|         | LGS 300 60-60  | 595mm | 595mm  | -          |
|         | LGS 300 30-120 | 295mm | 1195mm | -          |

| Code               | LGS 60-60/3   | LGS 60-60/4 | LGS 30-120/2 |
|--------------------|---|-------------|--------------|
| LED                | High Efficiency Mid-Power LED   |             |              |
| System Power       | 27 W  | 35 W        | 52 W         |
| Light Flux         | 3.000 lm  | 3.900 lm    | 5.200 lm     |
| Colour Temperature | 3000 - 4000 - 5000 K  |             |              |
| Driver             | Osram or Tridonic   |             |              |
| Voltage            | 220V - 50Hz   |             |              |
| Body               | 0,6 mm A1 quality DKP sheet steel<br>80 micron powder paint                                   |             |              |
| Optic              | Cat-1,Cat-2   | Cat-1,Cat-2 | Cat-1,Cat-2  |
| Reflector (inner)  | Alanod Miro-Silver 27 AG aluminum   |             |              |
| Reflector (outer)  | (Cat1) Alanod Miro Silver27/4270 AG aluminum<br>(Cat2) Alanod Miro-Silver 20/2000 AG aluminum |             |              |
| Diffuser           | 2,8 mm microprismatic lens  |             |              |
| Cooler             | Cooling from the body surface   |             |              |
| Colour             | White   |             |              |
| Box Dimensions     | 67x61x9cm   |             | 30x122x9cm   |
| Weight             | 5.000 gr  |             | 5.500 gr     |





## Office Lighting

### OFISLED

IP20  
IP40 Optional

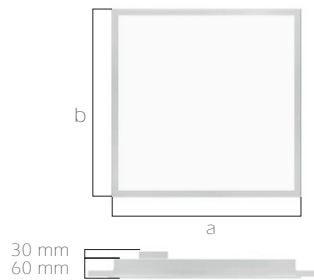
This is a fixture model with a wide usage and application. The light coming from multiple LED sources in LGO fixtures passes through the opal diffuser and provides an extremely soft and homogeneous distribution to the environment. Production for all types of suspended ceilings is possible. Therefore, production is made according to the brand/model of the suspended ceiling to be used. This fixture, like all Litpa fixtures is highly efficient and economical.



LGO

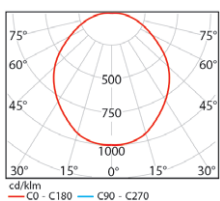


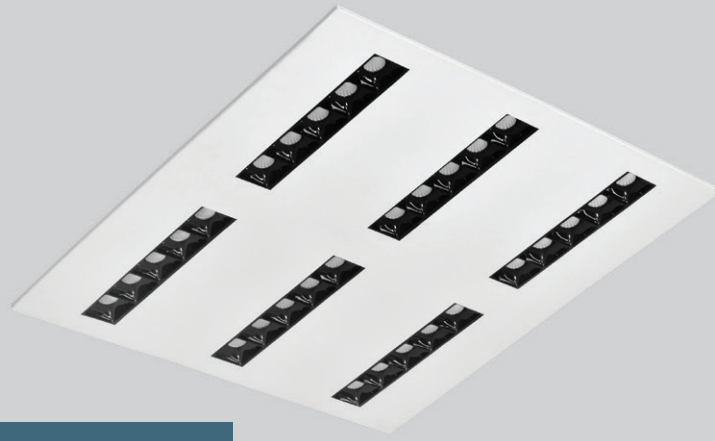
LGO-MP (Micro-Prismatic diffuser)  
Micro-prismatic diffuser creates variable effects according to your point of view



|         | Code           | a     | b      | Cut-Out    |
|---------|----------------|-------|--------|------------|
| MODULAR | LGO 001 30-60  | 295mm | 595mm  | 280x580mm  |
|         | LGO 001 60-60  | 595mm | 595mm  | 580x580mm  |
| CLIP-IN | LGO 001 30-120 | 295mm | 1195mm | 280x1180mm |
|         | LGO 002 30-60  | 299mm | 599mm  | -          |
| GYPSUM  | LGO 002 60-60  | 599mm | 599mm  | -          |
|         | LGO 002 30-120 | 299mm | 1199mm | -          |
| MODULAR | LGO 300 30-60  | 295mm | 595mm  | -          |
|         | LGO 300 60-60  | 595mm | 595mm  | -          |
|         | LGO 300 30-120 | 295mm | 1195mm | -          |
|         | LGO 300 60-120 | 595mm | 1195mm | -          |

|                    |  |           |           |           |
|--------------------|--|-----------|-----------|-----------|
| Code               | LGO 60/20  | LGO 60/30 | LGO 60/40 | LGO 60/45 |
| LED                | High Efficiency Mid-Power LED  |           |           |           |
| System Power       | 20 W   | 30 W      | 40 W      | 45 W      |
| Light Flux         | 2.100 lm   | 3,300 lm  | 4,350 lm  | 4.600 lm  |
| Colour Temperature | 3000 - 4000 - 5000 K   |           |           |           |
| Voltage            | 220V - 50Hz  |           |           |           |
| Body               | 0,5mm thick DKP sheet steel. Frame made of 0,5mm thick DKP steel. 80 micron thick electrostatic powder paint |           |           |           |
| Diffuser           | Opal   |           |           |           |
| Cooler             | Cooling from the body surface  |           |           |           |
| Colour             | White  |           |           |           |
| Box Dimensions     | 65x64x14 cm  |           |           |           |
| Weight             | 4.500 gr   |           |           |           |

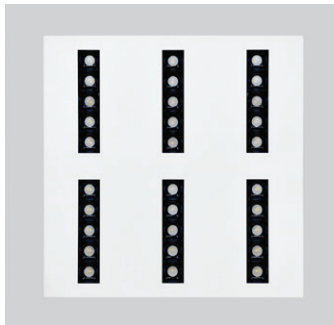




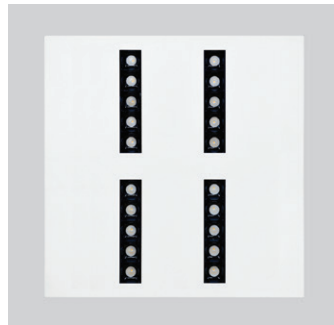
## Office Lighting

# DARKZONE

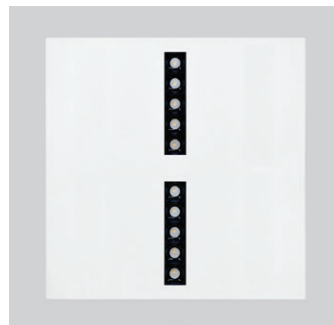
IP20



LGR60/3



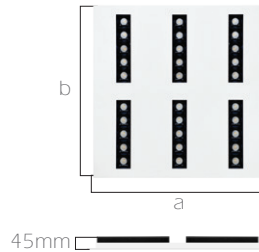
LGR60/2



LGR60/1

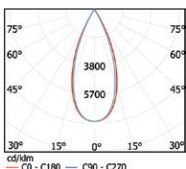
Glare is one of the most important lighting criteria in the illumination of places such as offices and laboratories.

Glare can be expressed at technical level by drawing and calculating the mathematical values. To make it easier to understand DarkZone and a similar luminaire are placed next to reduce luminaire efficiency. DarkZone series luminaires are extremely difficult to compete due to the luminaire efficiency up to 105lm/W



| Code   | Ceiling Type | a     | b     |
|--------|--------------|-------|-------|
| LGR 60 | Gypsum       | 595mm | 595mm |
| LGR 60 | Clip-In      | 599mm | 599mm |
| LGR 60 | Modular      | 595mm | 595mm |

|                    |   |             |             |
|--------------------|---|-------------|-------------|
| Code               | LGR60/3   | LGR60/2     | LGR60/1     |
| LED                | High Efficiency Mid-Power LED                               |             |             |
| System Power       | 35 W  | 45 W        | 60 W        |
| Light Flux         | 3.150 lm  | 4.250 lm    | 5.850 lm    |
| Colour Temperature | 3000 - 4000 - 5000 K  |             |             |
| Voltage            | 220V - 50Hz   |             |             |
| Body               | 0,6 mm A1 quality DKP sheet steel<br>80 micron powder paint |             |             |
| Optic              | Cat-1,Cat-2   | Cat-1,Cat-2 | Cat-1,Cat-2 |
| Reflector          | Polycarbonate   |             |             |
| Cooler             | Cooling from the body surface                               |             |             |
| Colour             | White   |             |             |
| Box Dimensions     | 67x61x8cm   |             |             |
| Weight             | 3.7kg   | 2.8kg       | 1.9kg       |



## Office Lighting

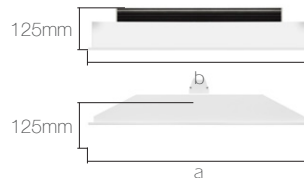
## DARKZONE

IP20

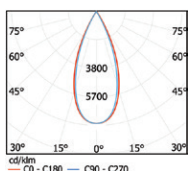


PGR60/1

DarkZone series luminaire can be used with different designed luminaire structures thanks to the modules used. The inward curved PGR model offers a different aesthetic structure in spaces. The optical system with black reflector used in the luminaire reflect the black and white contrast to the places in style. It can be produced in accordance with different types of suspend ceilings. High efficiency LEDs and low-loss drivers are used to produce high efficiency luminaire efficiency



| Code   | Ceiling Type | a     | b     |
|--------|--------------|-------|-------|
| PGR 60 | Gypsum       | 595mm | 595mm |
| PGR 60 | Clip-In      | 599mm | 599mm |
| PGR 60 | Modular      | 595mm | 595mm |



|                    |   |
|--------------------|---|
| Code               | PGR60/1   |
| LED                | High efficiency Mid-Power LED                               |
| System Power       | 35W   |
| Light Flux         | 3.150lm   |
| Colour Temperature | 3000 - 4000 - 5000 K  |
| Voltage            | 220V - 50Hz   |
| Body               | 0,6 mm A1 quality DKP sheet steel<br>80 micron powder paint |
| Optic              | Cat-1, Cat-2  |
| Reflector          | Polycarbonate   |
| Cooler             | Cooling from the body surface                               |
| Colour             | White   |
| Weight             | 2.75kg  |

Office Lighting

LEG-PR / LEG-OP

IP20

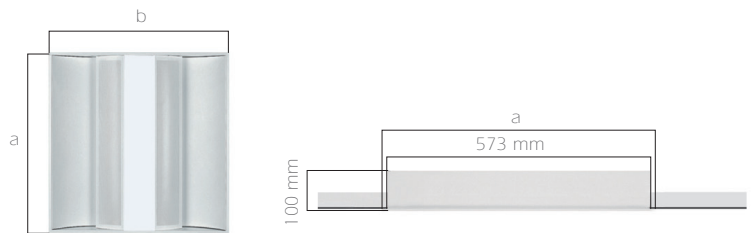
Glare and screen reflections have been taken into consideration in the optical design of the LEG series fixtures which are direct-indirect fixtures which are the most important requirements in offices. The fixture has been developed in direct - indirect mixed optical structure according to Cat-1 and Cat-2 types. The fixture is produced in different optical structures as double parabolic and opal. It is designed to be used in a suitable way in any office perfectly.



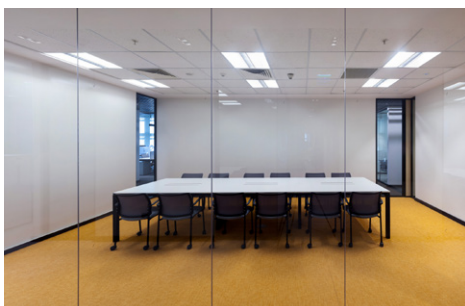
LEG-PR



LEG-OP

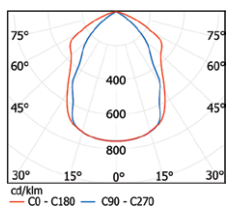


|         | Code       | a     | b     | Cut-Out   |
|---------|------------|-------|-------|-----------|
| GYPSUM  | LEG-PR 001 | 595mm | 595mm | 580x580mm |
|         | LEG-OP 001 | 595mm | 595mm | 580x580mm |
| CLIP-IN | LEG-PR 002 | 599mm | 599mm | -         |
|         | LEG-OP 002 | 599mm | 599mm | -         |
| MODULAR | LEG-PR 300 | 595mm | 595mm | -         |
|         | LEG-OP 300 | 595mm | 595mm | -         |

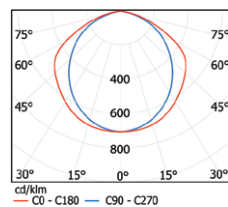


| Code               | LEG-PR                        | LEG-OP         |
|--------------------|-------------------------------|----------------|
| LED                | High Efficiency Mid-Power LED |                |
| System Power       | 25 - 35 W                     | 26 - 38 W      |
| Light Flux         | 1700 - 2280lm                 | 1490 - 2120 lm |
| Colour Temperature | 3000 - 4000 - 5000 K          |                |
| Voltage            | 220V - 50Hz                   |                |
| Body               | 0,6mm thick DKP sheet steel   |                |
| Reflector          | 0,4 mm thick DKP sheet        |                |
| Cooler             | Cooling from the body surface |                |
| Colour             | White                         |                |
| Box Dimensions     | 61x67x12 cm                   | 61x67x12 cm    |
| Weight             | 4.900 gr                      | 5.100 gr       |

LEG-PR



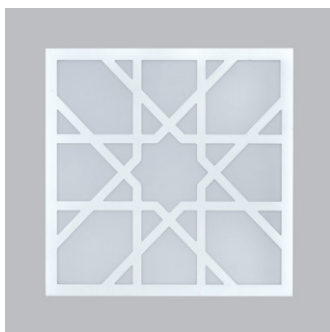
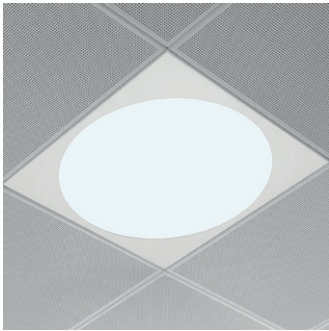
LEG-OP



## Office Lighting

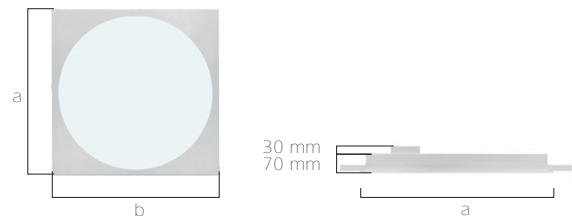
## MOON

IP20



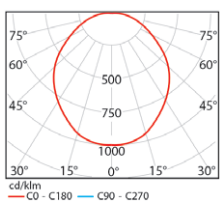
Desired patterns can be created upon request

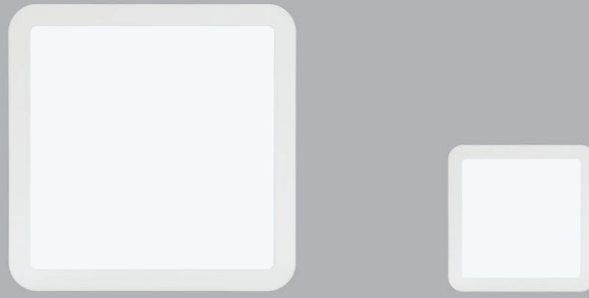
OLG Series fixtures offer your esteemed side an option with rounded and stylish forms with high efficiency. They can be used single while they provide a distinctive ambiance to the spaces they are used when using side by side and in multi usage.



|                | Code       | a     | b     | Cut-out   |
|----------------|------------|-------|-------|-----------|
| <b>GYPSUM</b>  | OLG 60 001 | 595mm | 595mm | 580x580mm |
| <b>CLIP-IN</b> | OLG 60 002 | 599mm | 599mm | -         |
| <b>MODULAR</b> | OLG 60 300 | 595mm | 595mm | -         |

|                    |  |           |
|--------------------|--|-----------|
| Code               | OLG 60/27  | OLG 60/35 |
| LED                | High Efficiency Mid-Power LED  |           |
| System Power       | 27 W   | 35 W      |
| Light Flux         | 2,300 lm   | 3,050 lm  |
| Colour Temperature | 3000 - 4000 - 5000 K   |           |
| Voltage            | 220V - 50Hz  |           |
| Body               | 0,5 mm thick A1 quality DKP sheet steel. 80 micron electrostatic powder paint. |           |
| Cooler             | Cooling from the body surface  |           |
| Diffuser           | 1,2mm thick opal   |           |
| Colour             | White  |           |
| Box Dimensions     | 62x62x10 cm  |           |
| Weight             | 5.200 gr   |           |





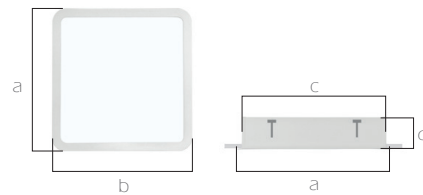
## Office Lighting

## FNSB-K

IP20



FNSB-K series designed in the form of square to be driven into the ceiling allows soft lighting applications and the LED technology used ensures energy-saving substantially. Ensures practical solutions thanks to its compliance with different types of suspended ceilings as well as different power ranges.



| Code      | a      | b      | c      | d     | Cut-Out    |
|-----------|--------|--------|--------|-------|------------|
| FNSB-K 20 | 200 mm | 200 mm | 169 mm | 82 mm | 175X175 mm |
| FNSB-K 40 | 400 mm | 400 mm | 369 mm | 82 mm | 375X375 mm |

| Code               | FNSB-K 20                     | FNSB-K 40           |
|--------------------|-------------------------------|---------------------|
| LED                | High Efficiency Mid-Power LED |                     |
| System Power       | 10W - 20W                     | 20W - 30W           |
| Light Flux         | 960 lm - 1,790 lm             | 1,990 lm - 2,680 lm |
| Colour Temperature | 3000 - 4000 - 5000 K          |                     |
| Voltage            | 220V - 50Hz                   |                     |
| Body               | 0.6 mm thick DKP sheet steel  |                     |
| Diffuser           | 1,2mm opal                    |                     |
| Cooler             | Cooling from the body surface |                     |
| Frame              | 1.5 mm thick DKP sheet steel  |                     |
| Colour             | White                         |                     |
| Box Dimensions     | 22x22x10 cm                   | 42x42x10 cm         |
| Weight             | 2.000 gr                      | 3.000 gr            |

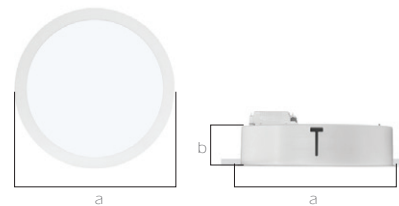


## Office Lighting

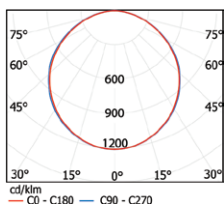
## FNSB-Y

IP20  
IP40 Optional

FNSB-Y series designed in the form of circle to be driven into the ceiling allows soft and diffuse lighting applications and the LED technology used ensures energy-saving substantially. Ensures practical solutions thanks to its compliance with different types of suspended ceilings as well as different power ranges.



| Code      | a      | b     | Cut-Out  |
|-----------|--------|-------|----------|
| FNSB-Y 25 | 250 mm | 82 mm | Ø 237 mm |
| FNSB-Y 35 | 350 mm | 82 mm | Ø 327 mm |
| FNSB-Y 55 | 550 mm | 82 mm | Ø 527 mm |



| Code               | FNSB-Y 25                     | FNSB-Y 35           | FNSB-Y 55   |
|--------------------|-------------------------------|---------------------|-------------|
| LED                | High Efficiency Mid-Power LED |                     |             |
| System Power       | 17 W - 24 W                   | 22 W - 30 W         | 42 W        |
| Light Flux         | 1,800 lm - 2,530 lm           | 1,650 lm - 3,160 lm | 3,510 lm    |
| Colour Temperature | 3000 - 4000 - 5000 K          |                     |             |
| Voltage            | 220V - 50Hz                   |                     |             |
| Body               | 0.8 mm thick DKP sheet steel  |                     |             |
| Diffuser           | 1,2mm opal                    |                     |             |
| Cooler             | Cooling from the body surface |                     |             |
| Frame              | 1.5 mm thick DKP sheet steel  |                     |             |
| Colour             | White                         |                     |             |
| Box Dimensions     | 27x27x10 cm                   | 37x37x10 cm         | 57x57x10 cm |
| Weight             | 1.950 gr                      | 3.100 gr            | 6.550 gr    |



## Office Lighting

### LSS

IP20

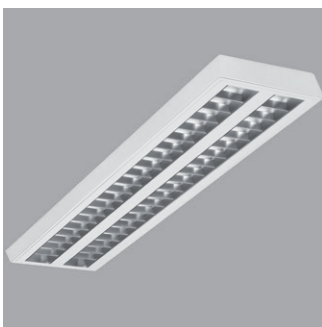
LSS luminaires, which are a surface mounted model of luminaire, are presented as a complete solution in the places such as offices and etc. in order to remove the problems of glare. It increases the productivity to the top level for the employees by increasing light quality in the work environment. They are produced with 2, 3 and four-lamelle according to the amount of the light requested. Thanks to high quality materials used, extremely high performance and savings are provided.



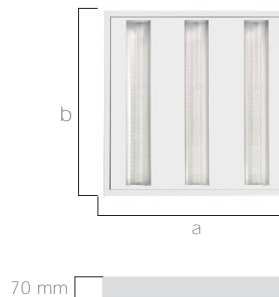
LSS 60-60/4



LSS 60-60/3

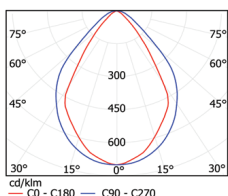


LSS 30-120/2  
Double parabolic reflector (optional)



| Code         | a     | b      |
|--------------|-------|--------|
| LSS 60-60/4  | 600mm | 600mm  |
| LSS 60-60/3  | 600mm | 600mm  |
| LSS 30-30/2  | 300mm | 300mm  |
| LSS 30-120/2 | 300mm | 1200mm |

| Code               | LSS 60-60/4   | LSS 60-60/3 | LSS 30-30/2 | LSS 30-120/2 |
|--------------------|---|-------------|-------------|--------------|
| LED                | High Efficiency Mid-Power LED   |             |             |              |
| System Power       | 35 W  | 27 W        | 18 W        | 27 W         |
| Light Flux         | 3,900 lm  | 3.000 lm    | 2,350 lm    | 3.000 lm     |
| Colour Temperature | 3000 - 4000 - 5000 K  |             |             |              |
| Driver             | Osram or Tridonic   |             |             |              |
| Voltage            | 220V - 50Hz   |             |             |              |
| Body               | 0,6 mm A1 quality DKP sheet steel 80 micron powder paint                                      |             |             |              |
| Optic              | Cat-1,Cat-2   | Cat-1,Cat-2 | Cat-1,Cat-2 | Cat-1,Cat-2  |
| Reflector (inner)  | Alanod Miro-Silver 27 AG aluminum   |             |             |              |
| Reflector (outer)  | (Cat1) Alanod Miro Silver27/4270 AG aluminum<br>(Cat2) Alanod Miro-Silver 20/2000 AG aluminum |             |             |              |
| Diffuser           | 2,8 mm microprismatic lens  |             |             |              |
| Cooler             | Cooling from the body surface   |             |             |              |
| Colour             | White   |             |             |              |
| Box Dimensions     | 67x61x9cm   | 67x61x9cm   | 37x31x9cm   | 127x31x9cm   |
| Weight             | 5.700 gr  | 5.500 gr    | 2.800 gr    | 5.800 gr     |



## Office Lighting

## LSO



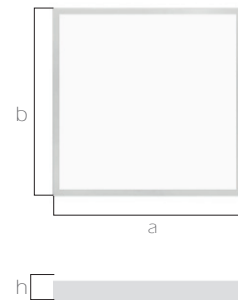
LSO 60-60



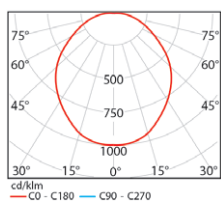
LSO 30-120

IP20  
IP40 Optional

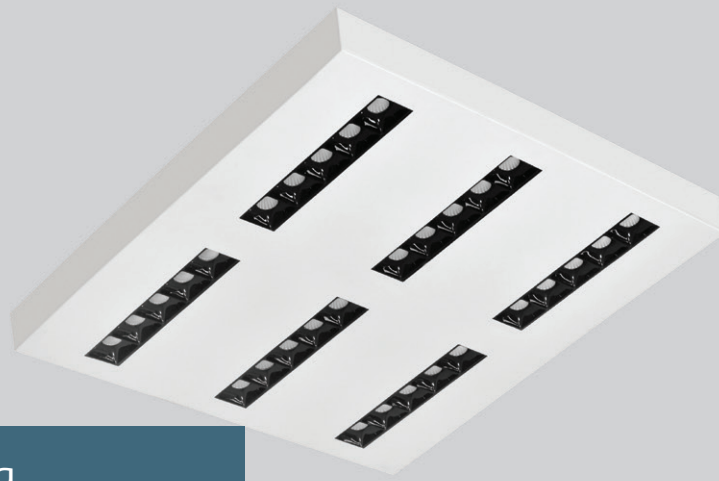
LSO luminaires, which have a lot of usage areas, are used in the places where there are no opportunities of recessed ceiling by installing onto the surface. They are produced with the shape square and rectangle according to the needs and meets different needs of power. They are produced with the understanding of eye-pleasing simple, stylish structure and high quality production.



| Code       | a       | b      | h     |
|------------|---------|--------|-------|
| LSO 30-30  | 370 mm  | 370 mm | 80 mm |
| LSO 30-60  | 575 mm  | 300 mm | 70 mm |
| LSO 60-60  | 605 mm  | 605 mm | 70 mm |
| LSO 30-120 | 1150 mm | 300 mm | 70 mm |



| Code               | LSO 30-30                     | LSO 30-120       | LSO 60-60     |
|--------------------|-------------------------------|------------------|---------------|
| LED                | High Efficiency Mid-Power LED |                  |               |
| System Power       | 20 W                          | 27-35-42W        | 30-40W        |
| Light Flux         | 2.200 lm                      | 2970-3850-4450lm | 3300 - 4350lm |
| Colour Temperature | 3000 - 4000 - 5000 K          |                  |               |
| Voltage            | 220V - 50Hz                   |                  |               |
| Body               | 0,60 DKP sheet                |                  |               |
| Diffuser           | 1,2 mm thick opal             |                  |               |
| Cooler             | Cooling from the body surface |                  |               |
| Frame              | 1 mm DKP sheet                |                  |               |
| Colour             | White or Grey                 |                  |               |
| Box Dimensions     | 39x39x10 cm                   | 32x122x8 cm      | 65x64x14 cm   |
| Weight             | 2.000 gr                      | 5.000 gr         | 5.100 gr      |

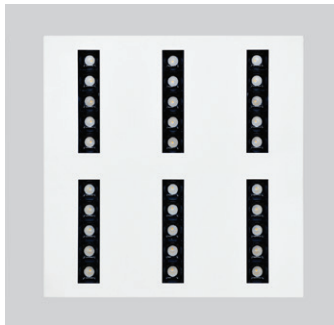


Office Lighting

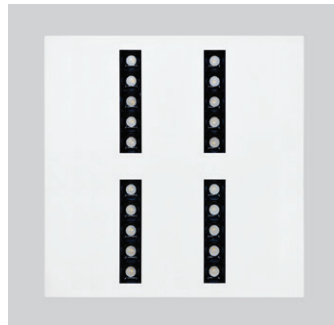
DARKZONE

IP20

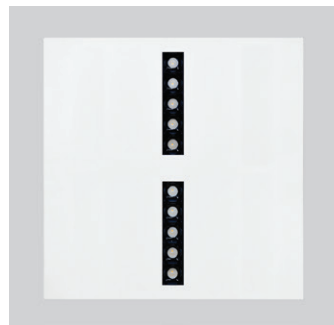
Surface mounted luminaires can be used in many areas such as school, hospital, office, store, hotel etc. Darkzone surface mounted luminaires emerge as an important solution in these areas where glare is a problem. The luminaires do not distort the aesthetics of the spaces with their fine and elegant structure and do not tire the eyes.



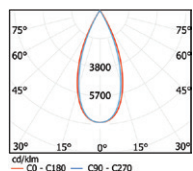
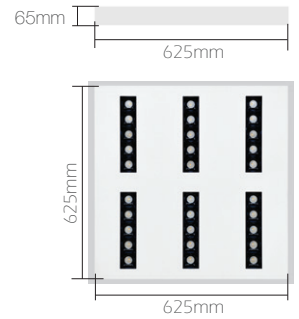
LSR60/3



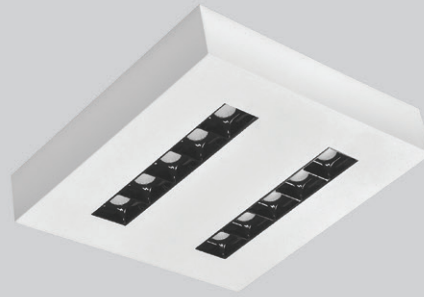
LSR60/2



LSR60/1



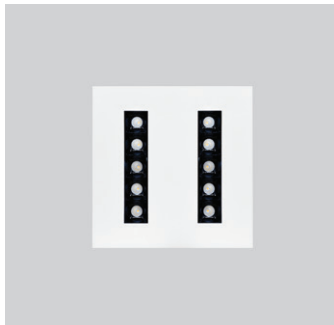
|                    |   |              |              |
|--------------------|---|--------------|--------------|
| Code               | LSR60/3   | LSR60/2      | LSR60/1      |
| LED                | High Efficiency Mid-Power LED                               |              |              |
| System Power       | 35 W  | 45 W         | 60 W         |
| Light Flux         | 3.150 lm  | 4.250 lm     | 5.850 lm     |
| Colour Temperature | 3000 - 4000 - 5000 K  |              |              |
| Voltage            | 220V - 50Hz   |              |              |
| Body               | 0,6 mm A1 quality DKP sheet steel<br>80 micron powder paint |              |              |
| Optic              | Cat-1, Cat-2  | Cat-1, Cat-2 | Cat-1, Cat-2 |
| Reflector          | Polycarbonate   |              |              |
| Cooler             | Cooling from the body surface                               |              |              |
| Colour             | White   |              |              |



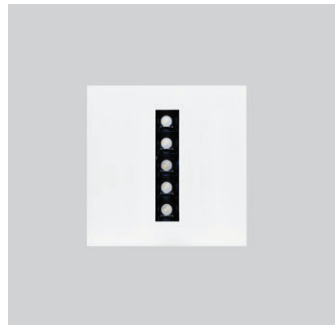
## Office Lighting

### DARKZONE

IP20

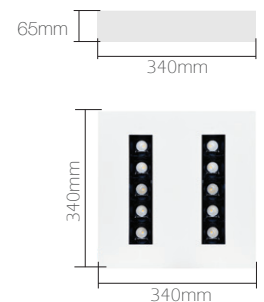


LSR30/2

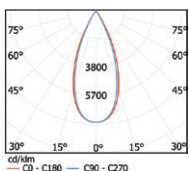


LSR30/1

Designed to be a unique choice in areas where light comfort comes to the forefront, the DarkZone stand out with their simple but elegant stance. The special reflector structures used in the luminaires are designed to provide the best solution for areas where glare is not desired. It minimizes eye fatigue by providing extremely high visibility in an area where glare is virtually absent.



| Code               | LSR30/2   | LSR30/1      |
|--------------------|---|--------------|
| LED                | High Efficiency Mid-Power LED                               |              |
| System Power       | 26 W  | 13 W         |
| Light Flux         | 2.900 lm  | 1.450 lm     |
| Colour Temperature | 3000 - 4000 - 5000 K  |              |
| Voltage            | 220V - 50Hz   |              |
| Body               | 0,6 mm A1 quality DKP sheet steel<br>80 micron powder paint |              |
| Optic              | Cat-1, Cat-2  | Cat-1, Cat-2 |
| Reflector          | Polycarbonate   |              |
| Cooler             | Cooling from the body surface                               |              |
| Colour             | White   |              |



## Office Lighting

## LSL-P / LSL-OP

IP20

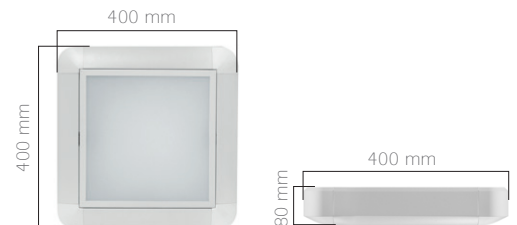
LSL Series fixtures are surface-mounted fixture with a wide high range of applications. The fixture is produced in different optical structures as double parabolic and opal. The high permeable lens material prevents the decrease of fixture efficiency while eliminating the problem of glare. It enables economic use by mounting to ceiling easily and thanks to the low energy consumption thereof.



LSL-P



LSL-OP



| Code               | LSL-P                                  | LSL-OP                        |
|--------------------|--|-------------------------------|
| LED                | High Efficiency Mid-Power LED          | High Efficiency Mid-Power LED |
| System Power       | 18 W                                   | 14,5 W                        |
| Light Flux         | 2000 lm                                | 1500 lm                       |
| Colour Temperature | 3000 - 4000 - 5000 K                   |                               |
| Voltage            | 220V - 50Hz                            |                               |
| Body               | 0,6 mm thick DKP sheet steel           |                               |
| Reflector          | Alanod Miro Silver (only LSL/P)        |                               |
| Diffuser           | 3mm Micro-Prismatic<br>92% transparent | 1,2 mm opal                   |
| Cooler             | Cooling from the body surface          |                               |
| Colour             | White                                  |                               |
| Box Dimensions     | 42x42x9cm                              |                               |
| Weight             | 2.800 gr                               | 2.500 gr                      |

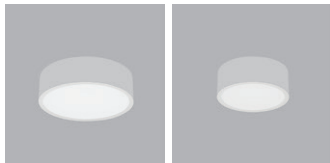
## Office Lighting

## FNSS-Y

IP20



FNSS-Y 60

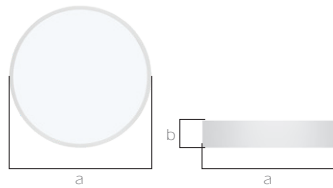


FNSS-Y 40

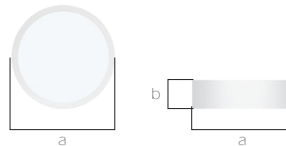
FNSS-Y 30

FNSS-Y model is a surface-mounted fixture in the form of circle with a stylish look and energy-saving is ensured substantially by virtue of the LED technology used and can be manufactured in various sizes.

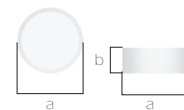
FNSS-Y 60



FNSS-Y 40



FNSS-Y 30



| Code      | a      | b      |
|-----------|--------|--------|
| FNSS-Y 30 | 260 mm | 100 mm |
| FNSS-Y 40 | 350 mm | 100 mm |
| FNSS-Y 60 | 550 mm | 100 mm |

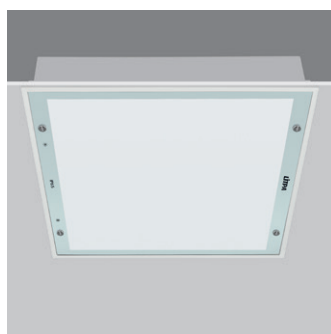
| Code               | FNSS-Y 30                     | FNSS-Y 40    | FNSS-Y 60   |
|--------------------|-------------------------------|--------------|-------------|
| LED                | High Efficiency Mid-Power LED |              |             |
| System Power       | 20 W                          | 20 / 30 W    | 40 W        |
| Light Flux         | 1900 lm                       | 2320/3160 lm | 3580 lm     |
| Colour Temperature | 3000 - 4000 - 5000 K          |              |             |
| Voltage            | 220 VAC - 50 Hz               |              |             |
| Body               | 1,5 mm thick DKP sheet        |              |             |
| Diffuser           | 1,2 mm thick opal             |              |             |
| Cooler             | Cooling from the body surface |              |             |
| Colour             | White                         |              |             |
| Box Dimensions     | 28x28x15 cm                   | 36x36x12 cm  | 67x61x10 cm |
| Weight             | 1.950 gr                      | 3.100 gr     | 6.550 gr    |



## Hygienic Room Luminaires

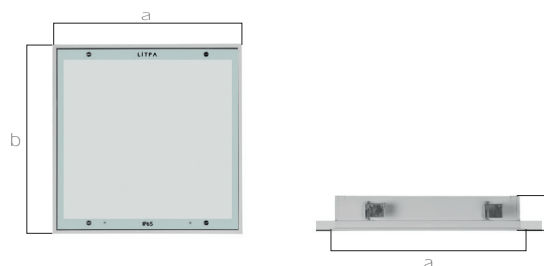
### HFC

IP54



Fixtures with high protection class are produced with specifications to be used in areas where cleaning is important.

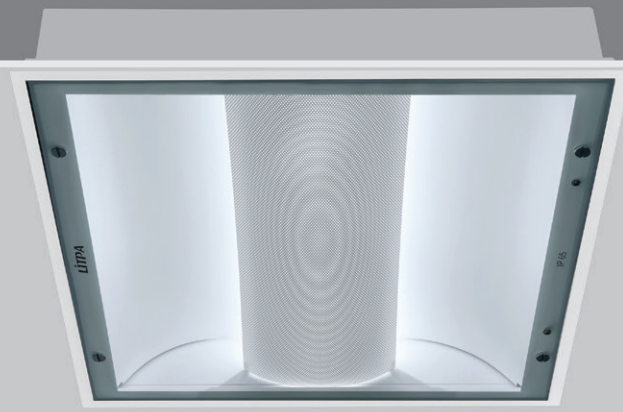
Light coming from multi LED source in fixtures passes through a sandblasted specially produced glass, and provides an extremely soft and homogeneous distribution to the environment. Fixture efficiency is brought to the forefront in the clear glass option. It is possible to produce according to all types of suspended ceilings.



|                | Code    | a     | b     | Cut-Out   |
|----------------|---------|-------|-------|-----------|
| <b>MODULAR</b> | HFC 300 | 595mm | 595mm | 580x580mm |
| <b>CLIP-IN</b> | HFC 002 | 599mm | 599mm | -         |

|                    |   |
|--------------------|---|
| Code               | HFC   |
| LED                | High efficiency Mid-Power LED   |
| System Power       | 40 W  |
| Light Flux         | 3,750 lm  |
| Colour Temperature | 3000-4000-5000 K  |
| Cooler             | Cooling from the body surface   |
| Voltage            | 220V - 50Hz   |
| Body               | 0,6mm thick A1 quality DKP steel sheet. 80 micron electrostatic powder painted. |
| Glass              | 4mm thick tempered glass 1,2mm opal   |
| Colour             | White   |
| Box Dimensions     | 62x62x13cm  |
| Weight             | 9.000 gr  |





## Hygienic Room Luminaires

### HFC-SR

IP54



It is presented as a unique solution for hospitals, dentists and laboratories, where the provision of clean room conditions is obligatory in addition to its light distribution prevent glare. Liquid and dust particles that can penetrate into the fixture are prevented by fulfilling the requirements of high protection classes.



|                | Code       | a     | b     | Cut-Out   |
|----------------|------------|-------|-------|-----------|
| <b>MODULAR</b> | HFC 300/SR | 595mm | 595mm | 580x580mm |
| <b>CLIP-IN</b> | HFC 002/SR | 599mm | 599mm | -         |

|                    |   |
|--------------------|---|
| Code               | HFC-SR  |
| LED                | High efficiency Mid-Power LED   |
| System Power       | 27W - 35W   |
| Colour Temperature | 3000-4000-5000 K  |
| Cooler             | Cooling from the body surface   |
| Voltage            | 220V - 50Hz   |
| Body               | 0,6mm thick A1 quality DKP sheet steel. Painted with 80 micron thick electrostatic paint. |
| Glass              | Tempered and transparent glass  |
| Reflector          | 0,4 mm thick DKP sheet with perforated lens   |
| Colour             | White   |
| Box Dimensions     | 62x62x13cm  |
| Weight             | 8.000 gr  |

# Linear Lighting

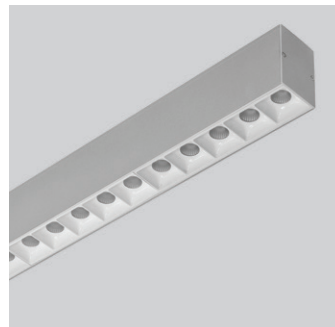
## DARKLINE

IP20

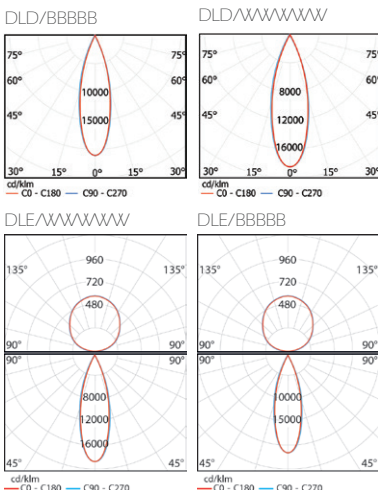
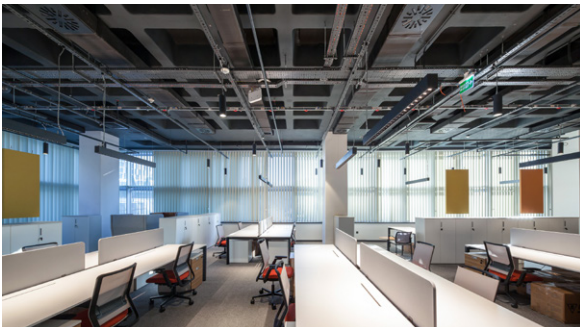
Black and white reflectors are the most successful optical elements in controlled environments where light escape is required and reflector reflections are to be minimized. Office, laboratory and so on. These are the types of luminaires that can be the best solution for environments.



DLD/BBBBB



DLD/WWWWW



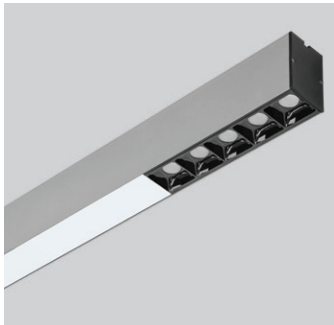
|                    | DIRECT - Surface or Pendant  |           | DIRECT-INDIRECT - only Pendant |           |
|--------------------|--|-----------|--------------------------------|-----------|
| Code               | DLD/BBBBB  | DLD/WWWWW | DLE/BBBBB                      | DLE/WWWWW |
| LED                | High efficiency Mid-Power LED  |           |                                |           |
| System Power       | 55W  | 55W       | 65W                            | 65W       |
| Light Flux         | 6.100lm  | 6.100lm   | 6.700lm                        | 6.700lm   |
| Colour Temperature | 3000 - 4000 - 5000 K   |           |                                |           |
| Voltage            | 220V - 50Hz  |           |                                |           |
| Body               | Aluminum extrusion body and painted with electrostatic powder paint. |           |                                |           |
| Reflector          | Polycarbonate  |           |                                |           |
| Colour             | White or Grey  |           |                                |           |
| Weight             | 3.6kg  | 3.6kg     | 3.3gr                          | 3.3kg     |

Note: Suspension apparatus should be requested when used as a pendant.

## Linear Lighting

## DARKLINE

IP20

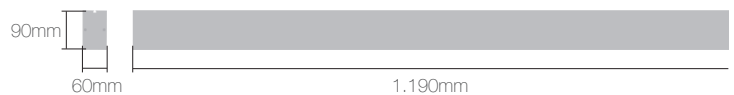


DLD/BOOOB

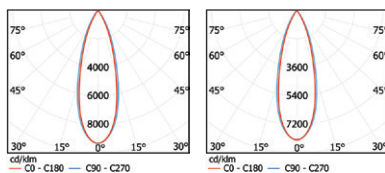


DLD/BCCCB

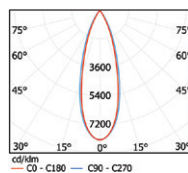
It is a very sensitive issue that the luminaires can be customized in terms of ideal conditions and the luminaires show a harmonious appearance to the decoration. Darkline luminaires easily handle such situations.



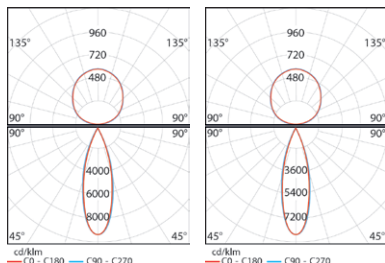
DLD/BOOOB



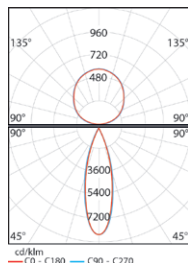
DLD/BCCCB



DLE/BOOOB



DLE/BCCCB



|                    | DIRECT - Surface or Pendant  |           | DIRECT-INDIRECT - Pendant |           |
|--------------------|--|-----------|---------------------------|-----------|
|                    | DLD/BOOOB  | DLD/BCCCB | DLE/BOOOB                 | DLE/BCCCB |
| Code               | DLD/BOOOB  | DLD/BCCCB | DLE/BOOOB                 | DLE/BCCCB |
| LED                | High efficiency Mid-Power LED  |           |                           |           |
| System Power       | 55W  | 22W       | 65W                       | 32W       |
| Light Flux         | 4.350lm  | 2.450lm   | 4.900lm                   | 3.000lm   |
| Colour Temperature | 3000 - 4000 - 5000 K   |           |                           |           |
| Voltage            | 220V - 50Hz  |           |                           |           |
| Body               | Aluminum extrusion body and painted with electrostatic powder paint. |           |                           |           |
| Reflector          | Polycarbonate  |           |                           |           |
| Colour             | White or Grey  |           |                           |           |
| Weight             | 3.6kg  | 3.6kg     | 3.3gr                     | 3.3kg     |

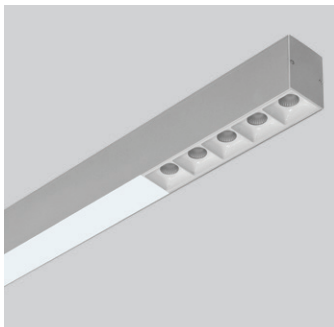
Note: Suspension apparatus should be requested when used as a pendant.

# Linear Lighting

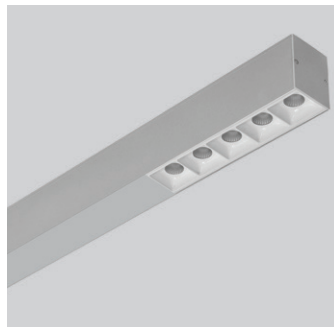
## DARKLINE

IP20

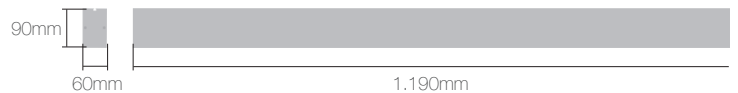
It is a very sensitive issue that the luminaires can be customized in terms of ideal conditions and the luminaires show a harmonious appearance to the decoration. Darkline luminaires easily handle such situations.



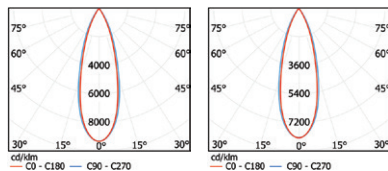
DLD/WOOOW



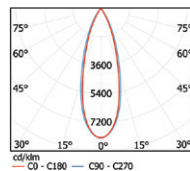
DLD/WCCCW



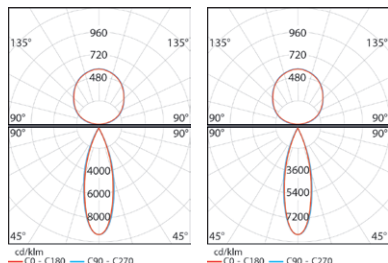
DLD/B000B



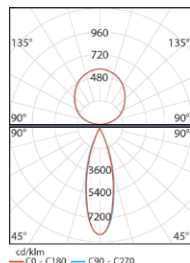
DLD/BCCCB



DLE/B000B



DLE/BCCCB



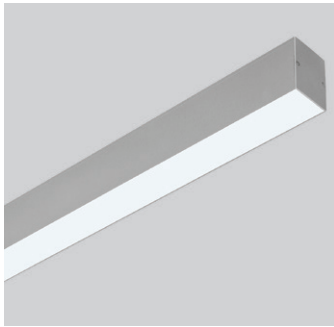
|                    | DIRECT - Surface or Pendant  |           | DIRECT-INDIRECT - Pendant |           |
|--------------------|--|-----------|---------------------------|-----------|
| Code               | DLD/WOOOW  | DLD/WCCCW | DLE/WOOOW                 | DLE/WCCCW |
| LED                | High efficiency Mid-Power LED  |           |                           |           |
| System Power       | 55W  | 22W       | 65W                       | 32W       |
| Light Flux         | 4.350lm  | 2.450lm   | 4.900lm                   | 3.000lm   |
| Colour Temperature | 3000 - 4000 - 5000 K   |           |                           |           |
| Voltage            | 220V - 50Hz  |           |                           |           |
| Body               | Aluminum extrusion body and painted with electrostatic powder paint. |           |                           |           |
| Reflector          | Polycarbonate  |           |                           |           |
| Colour             | White or Grey  |           |                           |           |
| Weight             | 3.6kg  | 3.6kg     | 3.3kg                     | 3.3kg     |

Note: Suspension apparatus should be requested when used as a pendant.

## Linear Lighting

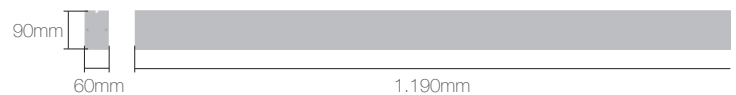
## DARKLINE

IP20

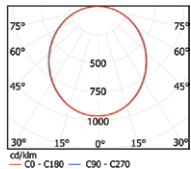


DLD/O

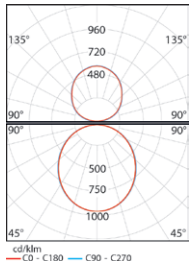
Optimal solution is to use luminaires with opal diffusers to softly distribute light in environments. Depending on the color temperature to be used in the luminaires, the effect and feeling can be created as desired in the spaces.





DLD/O



DLE/O



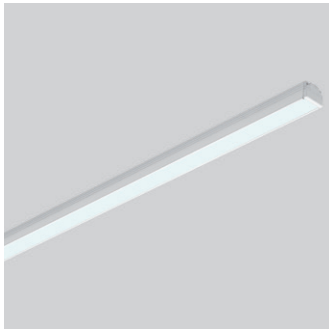
|                    |  |  |
|--------------------|---|---|
| Code               | DLD/O   | DLE/O   |
| LED                | High efficiency Mid-Power LED   |   |
| System Power       | 35W   | 50W   |
| Light Flux         | 2.470lm   | 3.650lm   |
| Colour Temperature | 3000 - 4000 - 5000 K  |   |
| Voltage            | 220V - 50Hz   |   |
| Body               | Aluminum extrusion body and painted with electrostatic powder paint.                  |   |
| Diffuser           | Opal - microprismatic   |   |
| Colour             | White or Grey   |   |
| Weight             | 3.6kg   | 3.3kg   |

# Linear Lighting

## EOSLED

IP20  
IP40 Optional

DFR fixtures which can be used as surface mounted and pendant are produced in 19 - 60 - 80mm width. They can be used as a single profile up to approximately 2.5 meters length in linear applications. They can be attached end to end and be used as a continuous light source. Height of the pendant can be easily adjusted thanks to spring mounting parts.



DFR 20



DFR 60



DFR 80



| Code       | a      | b    | c    |
|------------|--------|------|------|
| DFR 20/100 | 1024mm | 19mm | 16mm |
| DFR 20/120 | 1194mm | 19mm | 16mm |
| DFR 20/150 | 1528mm | 19mm | 16mm |
| DFR 60/100 | 1024mm | 60mm | 90mm |
| DFR 60/120 | 1194mm | 60mm | 90mm |
| DFR 60/150 | 1528mm | 60mm | 90mm |
| DFR 80/100 | 1024mm | 80mm | 85mm |
| DFR 80/120 | 1194mm | 80mm | 85mm |
| DFR 80/150 | 1528mm | 80mm | 85mm |



DFR BP



DFR AT

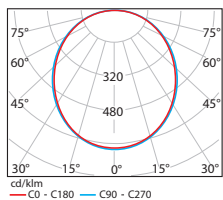


DFR SP1



DFR SP2

DFR 60 - 80



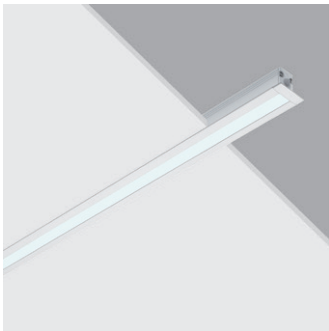
| Code               | DFR 20/20<br>DFR 20/50<br>DFR 20/100                                      | DFR 60/100<br>DFR 60/120<br>DFR 60/150 | DFR 80/100<br>DFR 80/120<br>DFR 80/150 |
|--------------------|---|--|--|
| LED                | High efficiency Mid-Power LED   |  |  |
| System Power       | 2.5 W<br>7.5 W<br>15 W  | 35 W<br>35 W<br>45 W                   | 30 W<br>35 W<br>45 W                   |
| Light Flux         | 220 lm<br>660 lm<br>1.250 lm  | 3.200 lm<br>3.200 lm<br>4.000 lm       | 2.800 lm<br>3.200 lm<br>4.000 lm       |
| Colour Temperature | 3000 - 4000 - 5000 K  |  |  |
| Voltage            | 220V - 50Hz   |  |  |
| Body               | Aluminum extrusion body 80 micron electrostatic powder coated with paint. |  |  |
| Diffuser           | Prismatic Opal  |  |  |
| Colour             | White or Grey   |  |  |
| Weight             | 500 gr<br>600 gr<br>750 gr  | 3000 gr<br>3750 gr<br>4500 gr          | 3400 gr<br>4100 gr<br>5200 gr          |

## Linear Lighting

### EOSLED

IP20  
IP40 Optional

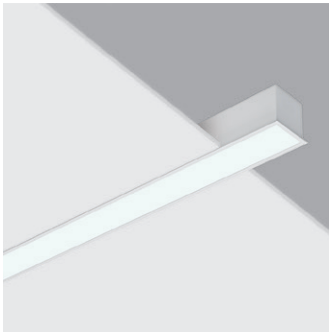
DFG fixture series, which are the recessed type of EOSLED are produced in different widths. They can be used as a single profile up to approximately 2.5 meters length in linear applications. They can be attached end to end and be used as a continuous light source. Puller ceiling mounting device has been used in order to adhere to the surface of the edge of the frame thoroughly on the ceiling. Light coming from the LED source creates an extremely soft ambiance by passing through the micro-prismatic diffusers.



DFG 20



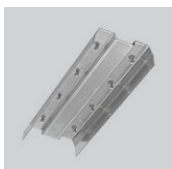
DFG 50



DFG 80



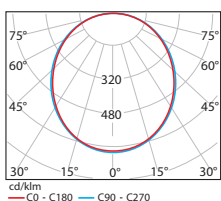
| Code       | a      | b    | c    |
|------------|--------|------|------|
| DFG 20/100 | 1038mm | 35mm | 16mm |
| DFG 20/120 | 1208mm | 35mm | 16mm |
| DFG 20/150 | 1542mm | 35mm | 16mm |
| DFG 50/100 | 1036mm | 73mm | 83mm |
| DFG 50/120 | 1236mm | 73mm | 83mm |
| DFG 50/150 | 1536mm | 73mm | 83mm |
| DFG 80/100 | 1034mm | 95mm | 85mm |
| DFG 80/120 | 1204mm | 95mm | 85mm |
| DFG 80/150 | 1538mm | 95mm | 85mm |



DFG BP

| Code               | DFG 20/20<br>DFG 20/50<br>DFG 20/100                                      | DFG 50/100<br>DFG 50/120<br>DFG 50/150 | DFG 80/100<br>DFG 80/120<br>DFG 80/150 |
|--------------------|---|--|--|
| LED                | High efficiency Mid-Power LED   |  |  |
| System Power       | 2.5 W<br>7.5 W<br>15 W  | 30 W<br>35 W<br>45 W                   | 30 W<br>35 W<br>45 W                   |
| Light Flux         | 220 lm<br>660 lm<br>1.250 lm  | 2.300 lm<br>2.600 lm<br>3.400lm        | 2.800 lm<br>3.300 lm<br>4.000 lm       |
| Colour Temperature | 3000 - 4000 - 5000 K  |  |  |
| Voltage            | 220V - 50Hz   |  |  |
| Body               | Aluminum extrusion body 80 micron electrostatic powder coated with paint. |  |  |
| Diffuser           | Prismatic Opal  |  |  |
| Colour             | White or Grey   |  |  |
| Weight             | 500 gr<br>600 gr<br>750 gr  | 1.900 gr<br>2.300 gr<br>2.700 gr       | 3.400 gr<br>4.100 gr<br>5.200 gr       |

DFG 80



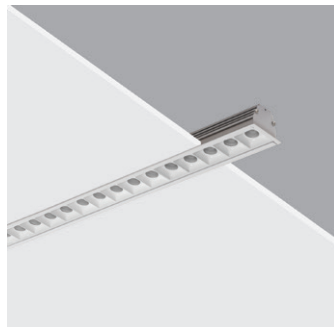
# Linear Lighting

## DLG

## IP20



DLG/BBBBB



DLG/WWWWW

Black and white reflectors are the most successful optical elements in controlled environments where light escape is required and reflector reflections are to be minimized. Office, laboratory and so on. These are the types of luminaires that can be the best solution for environments.

DLG/B or DLG/W



252 mm

DLG/BB or DLG/WW



488 mm

DLG/BBB or DLG/WWW



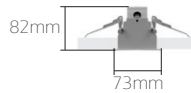
724 mm

DLG/B BBB or DLG/WWW W



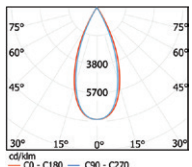
960 mm

DLG/B BBBB or DLG/WWW WW

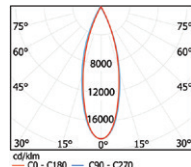


|                    |  |            |
|--------------------|--|------------|
| Code               | DLG/B BBBB   | DLG/WWW WW |
| LED                | High efficiency Mid-Power LED  |            |
| System Power       | 55W  | 55W        |
| Light Flux         | 6.100lm  | 6.100lm    |
| Colour Temperature | 3000 - 4000 - 5000 K   |            |
| Voltage            | 220V - 50Hz  |            |
| Body               | Aluminum extrusion body and painted with electrostatic powder paint. |            |
| Optic              | CAT1 - CAT2  |            |
| Diffuser           | Polycarbonate  |            |
| Colour             | White or Grey  |            |
| Weight             | 2.2kg  |            |

DLG/B BBBB



DLG/WWW WW





## Linear Lighting

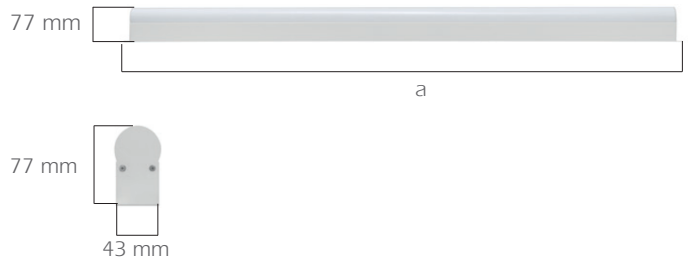
### DFR40

IP20

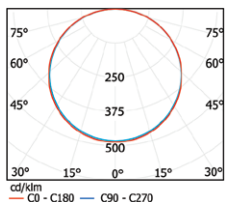


Connector for linear application

The DFR 40 is a type of luminaire suitable for various places with its slim, elegant appearance and ease of use. It is an economic model thanks to its simple design. The luminaire can be easily assembled. The connection cable does not disturb the luminaire image because it passes through the middle of the luminaire. Independent and linear applications are among the features of this luminaire.



| Code      | a        |
|-----------|----------|
| DFR40/60  | 560 mm   |
| DFR40/120 | 1.100 mm |



| Code               | DFR40/60                | DFR40/120 |
|--------------------|-------------------------|-----------|
| LED                | Midpower Led            |           |
| System Power       | 17 W                    | 34 W      |
| Light Flux         | 1350 lm                 | 2640lm    |
| Colour Temperature | 3000-4000-5000 K        |           |
| Voltage            | 220V - 50Hz             |           |
| Body               | Aluminum extrusion      |           |
| Diffuser           | Opal - Acrylic diffuser |           |
| Colour             | White                   |           |



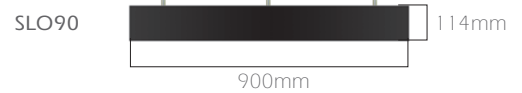
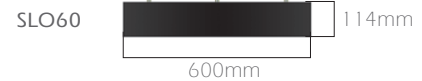
## Decorative Luminaires

## SLO

IP20



SLO luminaires are very wide range of luminaires. The circular structure of the luminaire reveals a unique mood in the room. The snap-on mechanism, which can be adjusted in height, provides great convenience in installation. The array of LEDs integrates with the opal diffuser to provide extremely soft light distribution. In terms of being able to adapt to the environment, they are presented in black and white colors.



| Code               | SLO 60                       | SLO 90     | SLO 120    |
|--------------------|------------------------------|------------|------------|
| LED                | High efficient Mid-Power LED |            |            |
| System Power       | 30 W                         | 45 W       | 60 W       |
| Colour Temperature | 3000 - 4000 - 5000 - 6500 K  |            |            |
| Voltage            | 220V - 50Hz                  |            |            |
| Body               | Aluminum                     |            |            |
| Diffuser           | Opal lens                    |            |            |
| Colour             | Black - White                |            |            |
| Accessory          | Pendant apparatus            |            |            |
| Box Dimensions     | 62x62x16cm                   | 92x92x16cm | 122x122x16 |

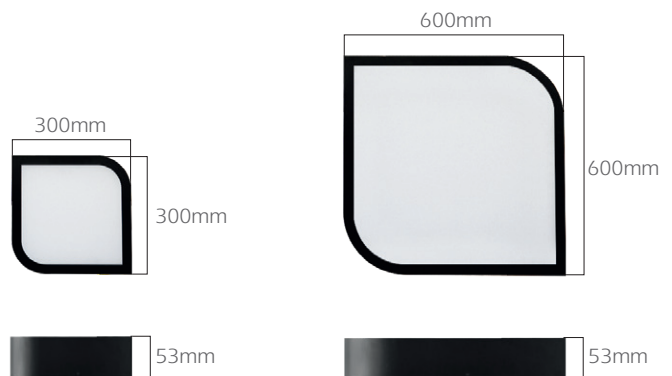
## Decorative Luminaires

## BLOOM

IP20



They can be used single while it is possible to create quite different shapes by using side by side and in multi usage. It can be used alone together as using multiple. What a designer can achieve is only limited to his own imagination with multiple usages of color options. They are designed for use in wall and ceiling surfaces. The aesthetic effect it creates on the surface even when the fixtures are deactivated reflects the unique design approach thereof.



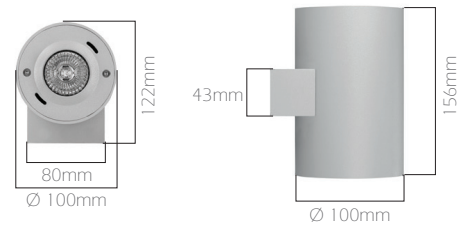
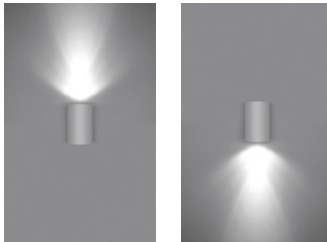
|                    |                                   |           |
|--------------------|-----------------------------------|-----------|
| Code               | BLM 30                            | BLM 60    |
| LED                | High efficiency Mid-Power LED     |           |
| System Power       | 15 W                              | 27 W      |
| Light Flux         | 1,600 lm                          | 2,700 lm  |
| Colour Temperature | 2700-3000-4000-5000K, R-G-B       |           |
| Voltage            | 220V - 50Hz                       |           |
| Body               | Manufactured from DKP sheet steel |           |
| Diffuser           | Opal                              |           |
| Cooler             | Cooling from the body surface     |           |
| Colour             | Optional - RAL colour             |           |
| Box Dimensions     | 31x31x6cm                         | 61x61x6cm |
| Weight             | 2.800 gr                          | 4.800 gr  |

## Wall Luminaires

## DAP

IP40

Highly energy efficient DAP can be used in many areas of architecture thanks to its aesthetic wall mounting apparatus. It can be preferred as unidirectional and bidirectional according to the features of the area to be illuminated. LED lamps which can provide narrow and wide angle light can create the desired effect on the surface.



|                    |   |        |
|--------------------|---|--------|
| Code               | DAP 15  | DAP 25 |
| LED                | Par 16 Led lamp   |        |
| System Power       | 1x5 W   | 2x5 W  |
| Colour Temperature | 3000 - 4000 - 5000 K  |        |
| Voltage            | 220V - 50Hz   |        |
| Body               | 2.5 mm thick aluminum extrusion, epoxy polyester powder paint |        |
| Colour             | Grey  |        |
| Box Dimensions     | 21x22x16,5 cm   |        |
| Weight             | 1.450 gr  |        |

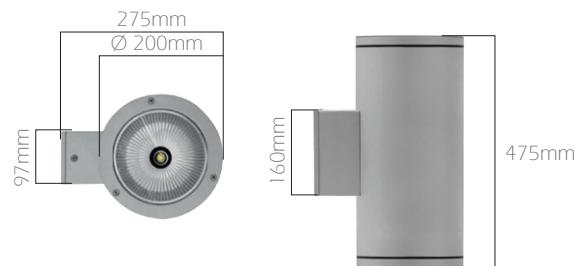
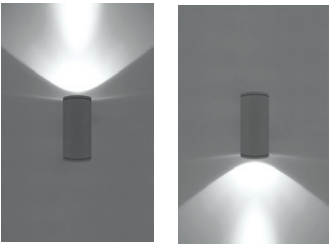
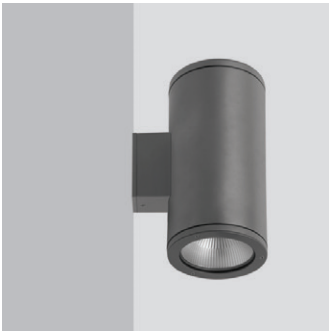


## MDW

Up&Downside IP65

Downside IP40

MDW brings distinction to the surrounding with its unusual design and advanced technology for both indoor and outdoor lighting applications. Besides combining light efficiency and comfort, this model offers another distinctive feature. It creates a mystic ambiance integrated with the architecture. With its up, down and up/down variations, architectural details on the surface are illuminated with soft light.



| Code               | MDW 113                        | MDW 213  |
|--------------------|--------------------------------|----------|
| LED                | High efficiency COB LED        |          |
| System Power       | 1x13 W                         | 2x13 W   |
| Light Flux         | 1.170 lm                       | 2.340 lm |
| Colour Temperature | 3000 - 4000 - 5000 K           |          |
| Voltage            | 220V - 50Hz                    |          |
| Body               | 3 mm thick aluminum extrusion  |          |
| Reflector          | 1 mm thick 99.9% pure aluminum |          |
| Glass              | 5 mm tempered glass            |          |
| Colour             | Grey                           |          |
| Box Dimensions     | 30x44x22 cm                    |          |
| Weight             | 7.000 gr                       |          |

## Wall Luminaires

### WLS



IP44



WLS coded products are wall luminaires that can provide double-sided light. They can be used horizontally or vertically. It is possible to make creative lighting designs when used together in different sizes and mixing long size and short size together. It can be used linearly especially in hall areas.

The luminaires can be easily mounted with the claw mounting brackets.



|                    |  |  |
|--------------------|---|---|
| Code               | WLS100-2  | WLS100-1  |
| LED                | High efficiency Midpower LED  |   |
| Power              | 34W   | 17W   |
| Luminous Flux      | 2.200lm   | 1.100lm   |
| Colour Temperature | 3000 - 4000 - 5000K   |   |
| Voltage            | 220V - 50Hz   |   |
| Body               | Aluminum extrusion  |   |
| Cooler             | Aluminum  |   |
| Diffuser           | Acrylic opal lens   |   |

## Over Mirror Luminaires

### LML

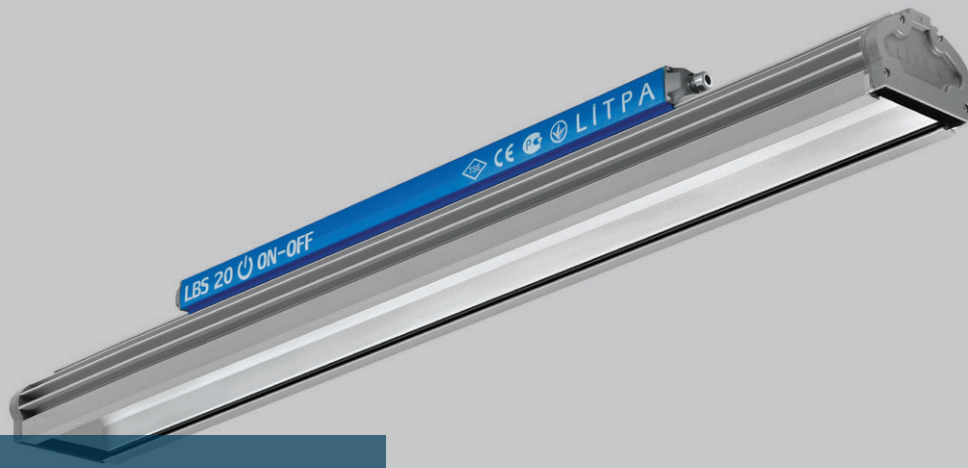
IP44



The LML luminaires have a stylish and aesthetic sense with the ease of installation. Thanks to the opal diffuser, which has a high light output and a homogeneous light distribution, it prevents glare in over mirror use. The chrome-plated end caps provide adequate protection against ambient conditions. The luminaires are manufactured in a manner to be suitable for wall and ceiling use.



| Code               | LML60/10   | LML60/16 | LML60/20 |
|--------------------|--|----------|----------|
| LED                | High efficiency Midpower LED                                 |          |          |
| Power              | 10W  | 16W      | 20W      |
| Luminous Flux      | 1.000lm  | 1.600lm  | 2.050lm  |
| Colour Temperature | 3000-4000-5000K  |          |          |
| Voltage            | 220V - 50Hz  |          |          |
| Body               | Aluminum extrusion - ABS material end caps are chrome coated |          |          |
| Cooler             | Aluminum   |          |          |
| Diffuser           | Acrylic opal lens  |          |          |



## Industrial Lighting

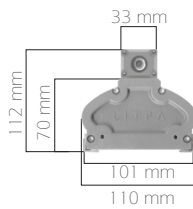
# ENDILED - High Efficiency

IP66

ENDILED luminaires are high protection class aluminum bodied fixtures produced with extremely high technology. They are suitable for use in many areas of industry, such as production areas, storage areas and particularly in high-ceilinged places. Reflectors produced with 98% optical efficiency by Alanod Miro-Silver technology are used in fixtures in order to ensure high efficiency. Heating problems are completely solved thanks to the aluminum body and PCB with high thermal conductivity aluminum.

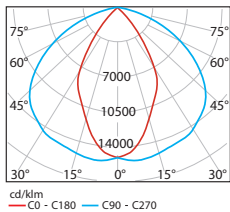


Optional LBS/OP IP20

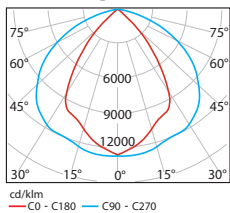


| Code   | a        |
|--------|----------|
| LBS 6  | 796 mm   |
| LBS 9  | 796 mm   |
| LBS 12 | 1.396 mm |
| LBS 20 | 1.396 mm |

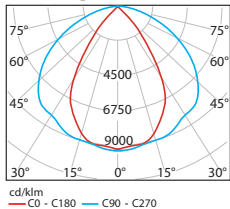
Narrow Angle



Medium Angle



Wide Angle



| Code               | LBS 6   | LBS 9    | LBS 12      | LBS 20    |
|--------------------|---|----------|-------------|-----------|
| LED                | High efficiency Mid-Power LED   |          |             |           |
| System Power       | 40 W  | 60 W     | 80 W        | 130 W     |
| Light Flux         | 6.000 lm  | 8.800 lm | 11.900 lm   | 20.400 lm |
| Colour Temperature | 3.000 - 4.000 - 5.000 - 6.500 K   |          |             |           |
| Driver             | Osram   |          |             |           |
| Voltage            | 220 volt - 50hz   |          |             |           |
| Body               | Aluminum extrusion body, end caps are aluminum injection                                      |          |             |           |
| Cooler             | Aluminum special body structure ensuring quick heat transfer                                  |          |             |           |
| Reflector          | Miro Silver 4: Bright narrow<br>Miro Silver 5: Matt medium - wide                             |          |             |           |
| Diffuser           | Tempered glass or protective film<br>Acrylic prismatic diffuser for soft applications. (IP20) |          |             |           |
| Colour             | Eloxal matt   |          |             |           |
| Box Dimensions     | 72x11x12cm  |          | 132x11x12cm |           |



Industrial Lighting

100.000hrs  
Lifetime

## ENDILED - Longlife

IP66

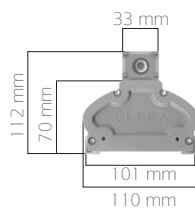


LBS Longlife Luminaires are industrial type luminaires that can be used in areas where replacement is difficult. They are luminaires that can be used without needing to change for a long time.

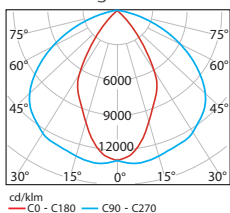
The special type, long life and high efficiency driver / LED are used in these Luminaires and therefore the life time of the luminaires is maximized.

The body of the luminaire is made of aluminum extrusion material and end caps are manufactured by aluminum injection.

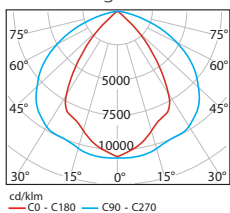
The optical elements used in the luminaires have been developed to offer 3 different options depending on the height of the ceiling: narrow, medium and wide angle.



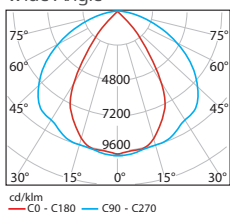
## Narrow Angle



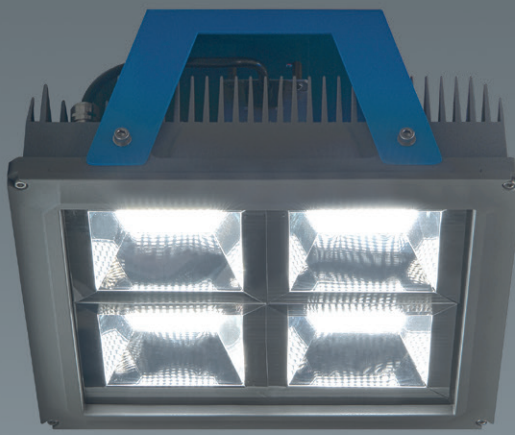
## Medium Angle



## Wide Angle



|                    |  |
|--------------------|--|
| Code               | LBS LL   |
| LED                | High efficiency Mid-Power LED  |
| System Power       | 148 W  |
| Light Flux         | 14.700 lm  |
| Colour Temperature | 3.000 - 4.000 - 5.000 - 6.500 K  |
| Driver             | Tridonic Pro - 200.000Hrs lifetime   |
| Voltage            | 220 volt - 50hz  |
| Body               | Aluminum extrusion body, end caps are aluminum injection                                   |
| Cooler             | Aluminum special body structure ensuring quick heat transfer                               |
| Reflector          | Miro Silver 4: Bright narrow - medium - wide<br>Miro Silver 5: Matt narrow - medium - wide |
| Diffuser           | Tempered glass or protective film  |
| Colour             | Eloxal matt  |
| Box Dimensions     | 142x11x12cm  |

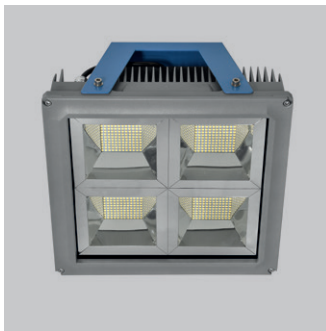


## Industrial Lighting

### TEKNOMAX

IP66

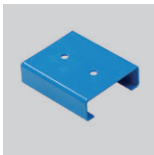
TEKNOMAX luminaires are designed for operating without any problems in industrial locations where luminaire bodies are exposed to harsh environment conditions. The luminous efficiency of the luminaires has been reached to extremely high levels. The luminaire efficiency comes from combining the optic design with the newest generation LEDs in the most appropriate way. Narrow and wide angle types of luminaires can be produced according to ceiling heights. Luminaires can be installed in any way using busbar, cable tanks and free hangers.



#### Brackets



HCL-YT/AB  
Busbar



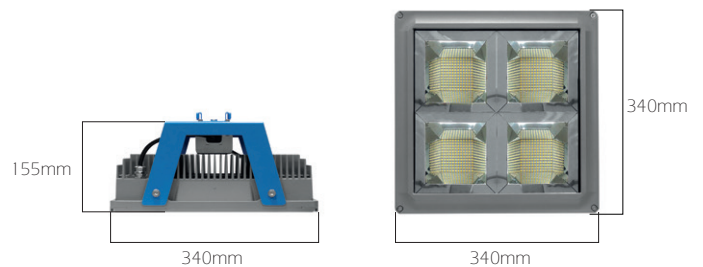
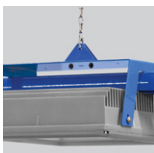
HCL-YT/AK  
Cable Tray



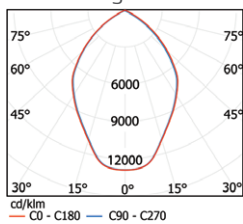
HCL-YT/AG  
Free bracket



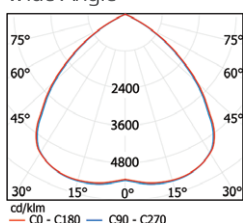
HCL-YT/AS



#### Narrow Angle



#### Wide Angle



| Code               | HCL-YT 50  | HCL-YT 100 | HCL-YT 150 | HCL-YT 200 | HCL-YT 240 |
|--------------------|--|------------|------------|------------|------------|
| LED                | High efficiency Mid-Power LED                            |            |            |            |            |
| System Power       | 50W  | 100W       | 150W       | 200W       | 240W       |
| Light Flux         | 7.000lm  | 13.000lm   | 19.500 lm  | 25.000 lm  | 30.000 lm  |
| Colour Temperature | 3000 - 4000 - 5000 K                                     |            |            |            |            |
| Voltage            | 220V - 50Hz  |            |            |            |            |
| Body               | Aluminum injection                                       |            |            |            |            |
| Reflector          | Alanod Miro Silver aluminum                              |            |            |            |            |
| Diffuser           | Impact resistance tempered glass with serigraphy printed |            |            |            |            |
| Colour             | Grey   |            |            |            |            |
| Weight             | 13.000 gr  |            |            |            |            |

## Industrial Lighting

## TERMOMAX

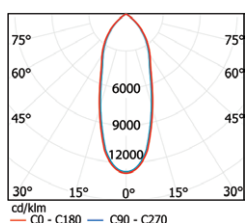
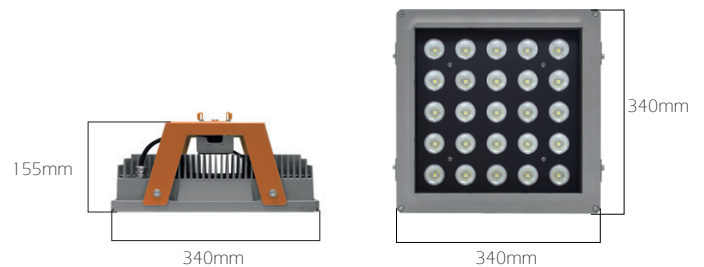
IP66



**+90°C**  
Ambient  
Temperature

Heavy industrial processes are carried out in industrial plants and industrial lighting must be designed and applied to these facilities to withstand harsh environmental conditions such as high temperature and humidity. TERMOMAX luminaires are designed with high efficiency and the ability to work without any problem at +90°C temperature in industrial plants.

The possibility of offering high performance solutions from the point of view of energy saving and offering a long-lasting system has made TERMOMAX one of the most competitive and future-proof technology in the industrial lighting sector. TERMOMAX luminaires produced with LEDs with long life and high efficiency have high light distribution levels with low energy levels.



|                       |  |
|-----------------------|--|
| Code                  | HCL-TM   |
| LED                   | High Power - Cree XHP70                                  |
| System Power          | 70 W   |
| Light Flux            | 8.560 lm   |
| Operating Temperature | - 40° C ~ +90° C   |
| Colour Temperature    | 3000 - 4000 - 5000 K                                     |
| Voltage               | 220V - 50Hz  |
| Body                  | Aluminum injection                                       |
| Diffuser              | Impact resistance tempered glass with serigraphy printed |
| Reflector             | Ledil Minnie Reflector                                   |
| Colour                | Grey   |
| Weight                | 12.000 gr  |



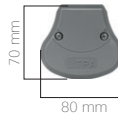
Weatherproof

## ELP

## IP65

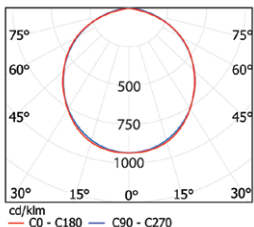


The ELP waterproof luminaire with high protection class (IP) rating is a perfect solution for various areas of application such as parking lots, storage areas and other areas for demanding protection from water and dust. The luminaire body is made of high quality material with extrusion method. In order to prevent undesirable escape of the light, the luminaire body and opal part with high permeability are manufactured in gray color. The luminaires are designed with an easy and fast production approach. In this way, the luminaire costs have been reduced and a very economical model has been created.



| Code   | a       |
|--------|---------|
| ELP60  | 630 mm  |
| ELP120 | 1230 mm |

| Code               | ELP60-18  | ELP120-35 | ELP120-58 |
|--------------------|---|-----------|-----------|
| LED                | High efficiency Mid-Power LED                     |           |           |
| System Power       | 18W   | 35W       | 58W       |
| Light Flux         | 1.850lm   | 3.780lm   | 5.800lm   |
| Colour Temperature | 3.000 - 4.000 - 5.000 K                           |           |           |
| Voltage            | 220 volt - 50hz                                   |           |           |
| Body               | Plastic extrusion polycarbonate, end caps are ABS |           |           |
| Cooler             | Aluminum extrusion                                |           |           |
| Diffuser           | Polycarbonate                                     |           |           |
| Colour             | White - Gray                                      |           |           |
| Accessories        | Stainless mounting clips                          |           |           |
| Weight             | 1.160gr (ELP120)                                  |           |           |



Weatherproof

ELP/M

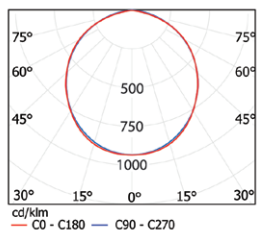
IP65



The ELP/M waterproof fixtures have high protection class aluminum extrusion body against water and dust with LED light source. They can be used in many areas such as parking lots, storage areas and other areas for industrial purposes. They provide extra energy savings by reducing the light when it is not needed thanks to their suitability for automation.



| Code     | a       |
|----------|---------|
| ELP/M60  | 630 mm  |
| ELP/M120 | 1230 mm |



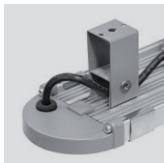
| Code               | ELP/M60-18                             | ELP/M120-35 | ELP/M120-58 |
|--------------------|--|-------------|-------------|
| LED                | High efficiency Mid-Power LED          |             |             |
| System Power       | 18W                                    | 35W         | 58W         |
| Light Flux         | 1.850lm                                | 3.860lm     | 5.900lm     |
| Colour Temperature | 3.000 - 4.000 - 5.000 K                |             |             |
| Voltage            | 220 volt - 50hz                        |             |             |
| Body               | Aluminum extrusion<br>end caps are ABS |             |             |
| Cooler             | Aluminum extrusion                     |             |             |
| Diffuser           | Polycarbonate                          |             |             |
| Colour             | Eloxal body, end caps are gray         |             |             |
| Accessories        | Stainless mounting clips               |             |             |

Weatherproof

## ELW

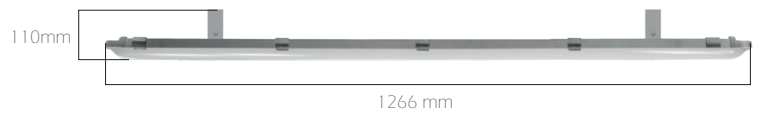
## IP65

They can be used in many areas for parking, storage, technical rooms and other areas for industrial purposes. It is possible to reduce and increase the light level by controlling with the automation system. While saving energy in this way, the luminaire life does not decrease thanks to the LEDs used in the product.



Suspension System

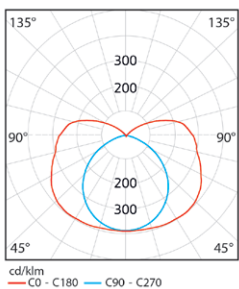
(Driver On Board)



IP65 Driver Type



90 mm



|                    |                               |           |           |
|--------------------|-------------------------------|-----------|-----------|
| Code               | ELW120-40                     | ELW120-60 | ELW120-80 |
| LED                | High efficiency Mid-Power LED |           |           |
| System Power       | 40 W                          | 60 W      | 80 W      |
| Light Flux         | 4.400lm                       | 6.600lm   | 8.800lm   |
| Colour Temperature | 3000 - 4000 - 5000 - 6500 K   |           |           |
| Cooler             | Cooling from the body surface |           |           |
| Voltage            | 220 volt - 50hz               |           |           |
| Body               | Aluminum extrusion            |           |           |
| Diffuser           | Opal - Polycarbonate diffuser |           |           |
| Colour             | Matt anodized                 |           |           |
| Accessory          | Assembly springs              |           |           |
| Box Dimensions     | 17x132x12 cm                  |           |           |
| Weight             | 3.100 gr                      |           |           |



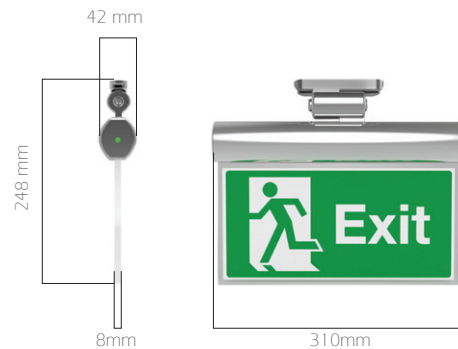
## Emergency Lighting

LXT

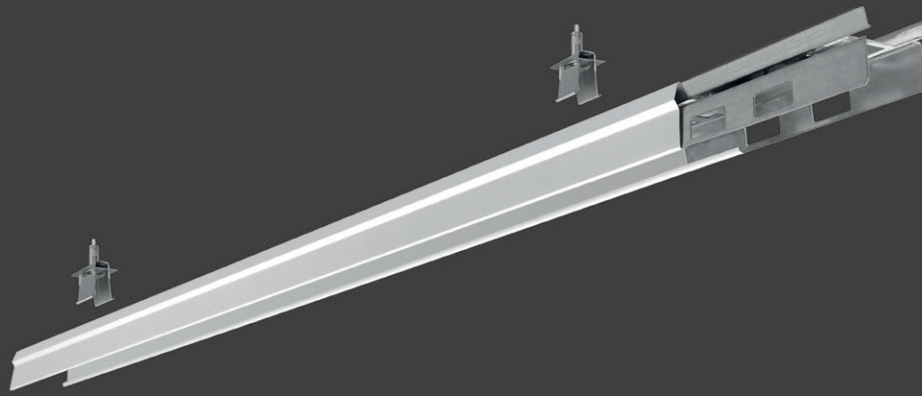
IP40



Litpa emergency exit and steering luminaire is a reliable luminaire option with high quality material structure and technical specifications. Suitable for single face and double face use. Suitable for many areas of use, from offices to meeting rooms, shopping centers to schools.



|                     |                              |
|---------------------|------------------------------|
| Code                | LXT                          |
| Environment         | Wall and Ceiling Surface     |
| LED                 | Midpower LED                 |
| Power               | 3W                           |
| Light Flux          | 95lm                         |
| Charging Time       | 24 hrs                       |
| Decharging Time     | 3 hrs                        |
| Working Temperature | -5°C + 45°C                  |
| Class               | I                            |
| Battery             | 1.2Vdc 1000mAh durable Ni-Cd |
| Diffuser            | Plexiglass                   |
| Colour Temperature  | 6000 K                       |
| Voltage             | 220 volt - 50hz              |
| Görülebilirlik      | 15 - 30m                     |



## Linear Lighting

### TRL



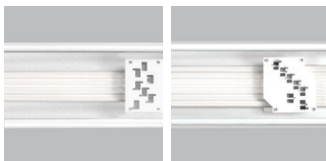
The TRL trunking system can be inserted end-to-end in a linear manner. Trunking lengths can be made in different lengths from 1.5 meters to 4.5 meters. The joining members firmly secure the channel modules together. Various mounting parts that can be used in different pans or hanger systems allow easy installation without any problems.

**Body:**

It is produced by aluminum extrusion method. At least 80 micron thick electrostatic powder painted. U-shaped design and strength-enhancing folds keep the stretch of the linear trunking at a minimum and prevent sagging aesthetics.

**Properties:**

The contractors on the cable gates inside the trunking allow phase selection using the adjustable terminals from the top cover of the LED modules. 5-wire and 7-wire systems are available. In the 5-wire system, it carries 3 phases, neutral and ground lines within the trunking. The user can choose between 3 phases. In 7-wire system, it carries 3-phase, neutral and earth lines and also carries 2 cables. These cables are used as DALI automation line. Here again, phase selection is made and the data is transferred to the fixture module from 2 points.



TRL5

TRL7



| Code     | Length             | LxWxH          |
|----------|--------------------|----------------|
| TRL5/150 | Single Length (1x) | 1.500x68x55 mm |
| TRL5/300 | Double Length (2x) | 3.000x68x55 mm |
| TRL5/450 | Triple Length (3x) | 4.500x68x55 mm |
| TRL7/150 | Single Length (1x) | 1.500x68x55 mm |
| TRL7/300 | Double Length (2x) | 3.000x68x55 mm |
| TRL7/450 | Triple Length (3x) | 4.500x68x55 mm |

CHA



Chain hanger

TWA



Suspension bracket

FRA



Free suspension

TCN



Canal connection apparatus

CAP



End Cap apparatus

CTR



Cable canal





## Linear Lighting

### TCR

IP20

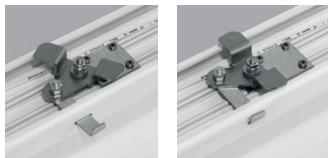


TCR is a highly efficient fixture series developed to apply LED technology in lighting of supermarkets, hobby stores, electronics stores as well as production areas that do not require high protection class such as warehouses, hangars and other interior spaces. The light coming from the LED light source is directed to usage areas with high efficiency in fixtures. It creates an extremely comfortable, refreshing and not disturbing environment due to both the quality of light and to low dazzling feature of the light directed from the prismatic diffusers.

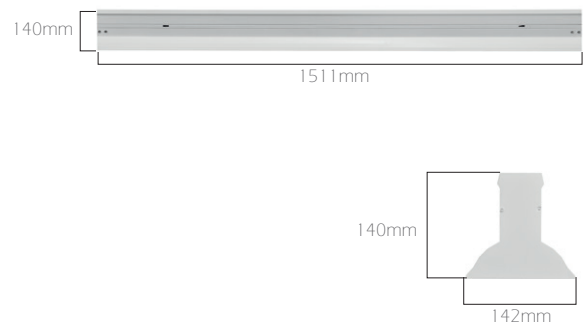
### Trunking System



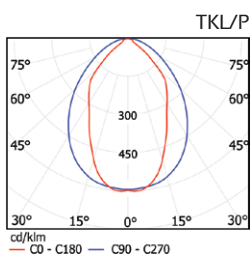
Luminaires can be produced according to the trunking system.



TRL canal can be easily installed by pressing the lock on the luminaire body with the finger.



|                    |  |          |
|--------------------|--|----------|
| Code               | TCR 35                                 | TCR 50   |
| LED                | High efficiency Mid-Power LED          |          |
| System Power       | 35W                                    | 50W      |
| Light Flux         | 3.300 lm                               | 4.750 lm |
| Colour Temperature | 3000 - 4000 - 5000 K                   |          |
| Driver             | Osram, Tridonic or Helvar              |          |
| Voltage            | 220V - 50Hz                            |          |
| Body - Reflector   | 0,6 mm thick DKP sheet steel           |          |
| Diffuser           | Prismatic lens                         |          |
| Cooler             | Cooling from the body surface          |          |
| Colour             | White                                  |          |
| Accessory          | Pendant, connection apparatus, end-cap |          |
| Box Dimensions     | 12x15x152cm                            |          |
| Weight             | 4.000 gr                               |          |



## Linear Lighting

### TCA

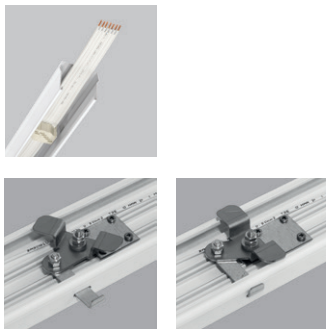
IP20



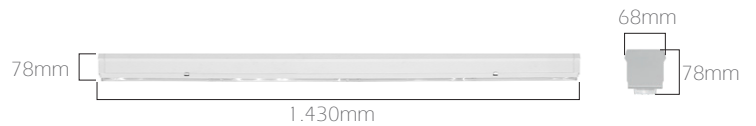
Teknoline TCA coded products provide high luminous efficiency in many areas. Both lens and LED quality and efficiency are the highest in the products. The fixture body integrates with the aluminum extrusion material and provides adequate and uniform cooling.

There is a separate optical chamber for each LED. In this way, the light coming out of the leds is controlled with every direction, while the glare is minimized.

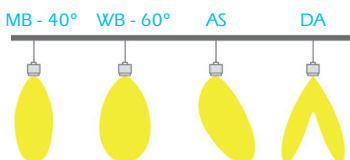
### Trunking System



TRL canal can be easily installed by pressing the lock on the luminaire body with the finger.



| Code               | TCA150HE   | TCA150HO   |
|--------------------|--|--|
| LED                | High efficiency Mid-Power LED  |  |
| System Power       | 43W  | 65W  |
| Light Flux         | 5.010lm Medium Beam<br>4.990lm Wide Beam<br>4.840lm Asymmetrical<br>4.970lm Double Asym. | 6.730lm Medium Beam<br>6.710lm Wide Beam<br>6.540lm Asymmetrical<br>6.680lm Double Asym. |
| Colour Temperature | 3000 - 4000 - 5000 - 6.500K  |  |
| Voltage            | 220V - 50Hz  |  |
| Body               | Aluminum extrusion   |  |
| Diffuser           | Vossloh Schwabe or Ledil lens  |  |
| Cooler             | Cooling from the body surface  |  |
| Colour             | White  |  |
| Box Dimension      | 162x18x13cm)   |  |
| Weight             | 6.4kg (4pcs in box)  |  |



## Linear Lighting

### TCE

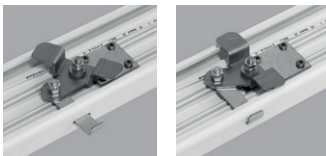
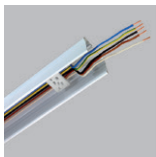
IP20



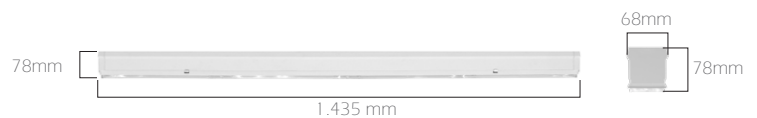
Teknoline TCE products provide high luminous efficiency in many areas. Both lens and LED quality and efficiency are the highest in the products. The fixture body integrates with the aluminum extrusion material and provides adequate and uniform cooling.

There is a separate optical chamber for each LED. In this way, the light coming out of the leds is controlled with every direction, while the glare is minimized.

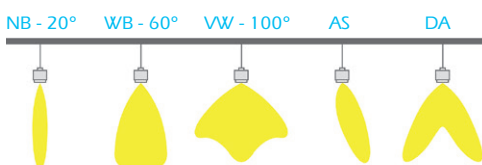
### Trunking System



TRL canal can be easily installed by pressing the lock on the luminaire body with the finger.



| Code               | TCE150HE   | TCE150HO   |
|--------------------|--|--|
| LED                | High efficiency Mid-Power LED  |  |
| System Power       | 44W  | 62W  |
| Light Flux         | 5.990lm Narrow Beam<br>6.030lm Wide Beam<br>5.910lm Very Wide Beam<br>5.900lm Asymmetrical<br>6.040lm Double Asym. | 7.810lm Narrow Beam<br>7.830lm Wide Beam<br>7.650lm Very Wide Beam<br>7.670lm Asymmetrical<br>7.820lm Double Asym. |
| Colour Temperature | 3000 - 4000 - 5000 - 6.500K  |  |
| Voltage            | 220V - 50Hz  |  |
| Body               | Aluminum extrusion   |  |
| Diffuser           | Vossloh Schwabe or Ledil lens  |  |
| Cooler             | Cooling from the body surface  |  |
| Colour             | White  |  |
| Box Dimension      | 162x18x13cm)   |  |
| Weight             | 7.5kg (4pcs in box)  |  |





# INDEX

**B**  
BLM..... 67  
BOLLARD..... 19  
BLOOM..... 67

**C**  
CAIRO..... 6  
CRA..... 6

**D**  
DAP..... 68  
DARKLINE..... 58  
DARKZONE..... 44-52  
DFG..... 63  
DFR..... 62  
DFR40..... 65  
DLD..... 58  
DLE..... 58-61  
D-LFB..... 21  
D-LFK..... 21  
DLG..... 64  
D-LSD..... 21  
D-LYD..... 21  
DML..... 30  
DOT..... 35  
DR..... 34

**E**  
ELD..... 36  
ELP..... 76  
ELP/M..... 77  
ELW..... 78  
ENDILED..... 72  
EOSLED..... 62

**F**  
FASHIONLED..... 28  
FNSB-K..... 48  
FNSB-Y..... 49  
FNSS-Y..... 55

**G**  
GALAXYLED..... 31

**H**  
HADES..... 16  
HERCULED..... 8-9  
HCL..... 8-9  
HCL-T..... 23  
HCL-TM..... 75  
HCL-YT..... 74  
HFC..... 56  
HFC-SR..... 57  
HRN..... 37  
HYL..... 16

**L**  
LBS..... 72  
LBS LL..... 73  
LDD..... 15  
LEG-OP..... 46  
LEG-PR..... 46  
LGO..... 43  
LGR..... 44  
LGS..... 42  
LKG..... 38  
LML..... 71  
LSH..... 20  
LSL-OP..... 54  
LSL-P..... 54  
LSO..... 51  
LSR..... 62  
LSS..... 50  
LYS..... 4  
L1671..... 37  
LUXOR..... 19  
LXT..... 79

**M**  
MDL..... 10  
MDW..... 69  
MOON..... 47  
MSH..... 18

**O**  
OFISLED..... 42  
OLG..... 47

**P**  
PETROLED..... 20  
PGH..... 35  
PGR..... 45  
PNS..... 41  
PTL..... 22  
PUNTO..... 27

**Q**  
QUANTUM..... 12-13  
QTM..... 12-13

**R**  
RINGA..... 5  
RLP..... 28  
RLP/S..... 41  
RLK..... 28  
RLK/M..... 29  
RNY..... 5  
RTL..... 11

**S**  
SCP..... 40  
SFR..... 32  
SHOPLED..... 26  
SHOWLED..... 30  
SLG..... 26  
SLK..... 41  
SLO..... 66  
SLY..... 41  
SMG/L..... 33  
SSL..... 27  
STREETRAY..... 4

**T**  
TEKNOLINE..... 80  
TEKNOMAX..... 74  
TERMOMAX..... 75  
TCA..... 82  
TCE..... 83  
TCR..... 81  
TRL..... 80

**Y**  
YLW..... 17

---

3007..... 19  
8040..... 19  
8050..... 19