



**LIGHTING**

Where Innovation Meets Illumination

**PRODUCTS  
CATALOG**

**2026**



## OUR PARTNERS

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**PHILIPS**

**TRIDONIC**

**SAMSUNG**

**MW**  
MEAN WELL

**CREE** ⇄

**OSRAM**

**VS** LIGHTING  
SOLUTIONS

**BJB**

**Sarnikon**



## SAVINGS

EMERALD LIGHTING USE TOP RECOGNIZED LUMINARIES BRANDS FOR OUR COMPONENTS STARTING FROM LED CHIPS WITH DIFFERENT SPECS AND QUALITY EITHER FOR CHIPS SIZE OR LUMINARY PER EACH WATTAGE THAT HAS WIDE RANGE FROM 85 LUMEN/W UP TO 145 LUMEN/W WHICH HAVE A HIGH IMPACT ON SAVINGS ENERGY . ALSO WE ARE USING HIGH RELIABLE POWER SUPPLY WITH HIGH OUTPUT POWER FACTOR UP TO 0.97 AND AC- WIDE RANGE TO BE SUITABLE FOR OUR ENERGY PROFILE . WE ARE FOCUSING ALL TIME TO APPLY HEAVY AL HOUSING AND MODERNIZATION ACCESSORIES TO GET FASHIONABLE DESIGN SHAPE AND UNIQUE ONE WHICH COMBINE BETWEEN MODERNIZATION AND PRODUCTS RELIABILITY. THE PREVIOUS COMPETITIVE EDGES ALLOW US TO GET AFFORDABLE PRICES WITH HIGH QUALITY PRODUCTS WHERE WE CAN CUSTOMIZE DIFFERENT PRODUCTS AS PER OUR PARTNERS NEEDS.



## OUR VISION

TO BE THE LEADING COMPANY IN LED TECHNOLOGY AND ENERGY SOLUTIONS IN AFRICA BY CREATING INNOVATIVE LIGHTING SOLUTIONS WHICH MEET OUR CUSTOMER SATISFACTION.



## OUR MISSION

TO CREATE A UNIQUE LIGHTING PRODUCTS WHICH ADD CULTURAL CORE VALUES TO OUR CUSTOMERS FOR SAVING ENERGY OF OUR PLANET TO KEEP SAFE AND CLEAN ENVIRONMENT

## ABOUT US

EMERALD LIGHTING IS A PRIVATE SECTOR BUSINESS COMPANY THAT HAS MORE THAN 10 YEARS OF EXPERIENCE IN LIGHTING SOLUTIONS AND LED TECHNOLOGIES ., EMERALD LIGHTING IS ABLE TO TOUCH THE MARKET IN MANY CRITICAL AREAS SUCH AS FASHIONABLE LIGHTING DESIGN IN DOOR AND OUTDOOR WITH A SPECIFIC AND UNIQUE OUTCOME , QUALITY ASSURANCE CONTROL SYSTEM WHICH MAINTAIN OUR CREDIBILITY AND RELIABILITY OF OUR PRODUCTS LIFE TIME AND EFFICIENCY .MORE OVER ALL WE MANUFACTURE OUR PRODUCTS IN OUR FACTORY WHICH BASED IN INDUSTRIAL AREA IN SADAT CITY AND UNDER SUPERVISION OF OUR ENGINEERS AND EXPERTS WHO FOLLOW THE LATEST PRODUCTION SCHEME WITH LATEST EQUIPMENT'S AND TESTING DEVICES .

LED EXPERT



## **1-Outdoor & facade Lighting**

- FLOOD LIGHT
- STREET
- LED NEON
- WALL WASHER
- LINEAR PROFILE
- DECORATIVE POLE
- DECORATIVE BOLLARD
- BULKHEAD
- LED SURFACE PANEL
- UP LIGHT
- SPIKE
- PROJECTORS
- LED WALK OVER
- RECESSED STEP
- UP & DOWN

## **2-Industrial Lighting**

- LED High Bay
- water proof

## **3-Indoor Lighting**

- BACKLIT PANEL
- LINEAR LIGHT
- LED PROFILE
- LED STRIP
- Recessed DOWN LIGHT
- Surface Mounted (spotlight)
- Surface Mounted (cylinder)
- LED BULB
- LED HIGH POWER
- LED CANDLE
- LED MR 16
- LED GU -10
- Recessed Panel
- Emergency (Exit Sign)

# 1-Outdoor & facade Lighting



# LED FLOOD LIGHT



## FEATURES :

- LED alternative to conventional lamps.
- Contains no mercury or other hazardous Substances.
- No filaments or glass components.
- Full cut-off with no wasted light above the fixture.

## APPLICATION :

Showrooms \ Universities  
Schools \ Offices \ Banks  
Factories \ Restaurants



## DATA SHEET

| RATED WATTAGE           |                                   | 50W,100W,150W,<br>200W,300W |
|-------------------------|-----------------------------------|-----------------------------|
| DRIVER                  | Philips &SUNCOM Driver (optional) |                             |
| CHIPS                   | PHILIPS\OSRAM\<br>SAN'AN\EPISTAR  |                             |
| INPUT VOLTAGE           | AC 110 - 265V                     |                             |
| OPERATING FREQUENCY     | 50-60 Hz                          |                             |
| POWER FACTOR            | 0.95                              |                             |
| LUMINOUS                | 100-190 Lm\w (optional)           |                             |
| PROTECTION GRADE        | IP66/IP67                         |                             |
| BEAM ANGLE              | 120° (optional)                   |                             |
| COLOR TEMPERATURE       | 2700-4000-6500 K                  |                             |
| OVERVOLTAGE PROTECTION  | ✓                                 |                             |
| UNDERVOLTAGE PROTECTION | ✓                                 |                             |
| OVERCURRENT PROTECTION  | ✓                                 |                             |
| REFLECTOR               | OPAL Lens/ Glass Lens (optional)  |                             |
| SURGE PROTECTION        | 4.5 - 6 -10 KV (optional)         |                             |
| LIFE TIME               | 30.000-50,000 H                   |                             |

**Notes:** All components can be customized.

## WARRANTY

5 YEARS

## PRODUCT BENEFITS :

- Variable use at Direct Current and Alternating Current.
- Good all-around Light Emission.
- Ideal for Decorative and Free-burning Applications.
- Long Life Time of up to 30.000 H.



# LED FLOOD LIGHT



### FEATURES :

- LED alternative to conventional lamps.
- Contains no mercury or other hazardous Substances.
- No filaments or glass components.
- Full cut-off with no wasted light above the fixture.

### APPLICATION :

Showrooms \ Universities  
Schools \ Offices \ Banks  
Factories \ Restaurants



## DATA SHEET

| RATED WATTAGE           |                                    |
|-------------------------|------------------------------------|
|                         | 100W, 200W, 300W, 400W, 500W, 600W |
| DRIVER                  | Chinese Driver                     |
| CHIPS                   | SAN'AN \ EPISTAR                   |
| INPUT VOLTAGE           | AC 110 - 265V                      |
| OPERATING FREQUENCY     | 50-60 Hz                           |
| POWER FACTOR            | 0.95                               |
| LUMINOUS                | 100-190 Lm \ w (optional)          |
| PROTECTION GRADE        | IP 66                              |
| BEAM ANGLE              | 120° (optional)                    |
| COLOR TEMPERATURE       | 2700-4000-6500 K                   |
| OVERVOLTAGE PROTECTION  | ✓                                  |
| UNDERVOLTAGE PROTECTION | ✓                                  |
| OVERCURRENT PROTECTION  | ✓                                  |
| REFLECTOR               | OPAL Lens / Glass Lens (optional)  |
| SURGE PROTECTION        | 4.5 - 6 - 10 KV (optional)         |
| LIFE TIME               | 30.000-50,000 H                    |

**Notes:** All components can be customized.

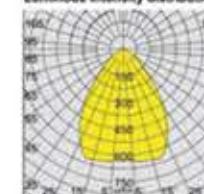
### WARRANTY

2 YEARS

### PRODUCT BENEFITS :

- Variable use at Direct Current and Alternating Current.
- Good all-around Light Emission.
- Ideal for Decorative and Free-burning Applications.
- Long Life Time of up to 30,000 H.

Luminous Intensity distribution



# LED STREET LIGHT



### FEATURES :

- LED alternative to conventional lamps.
- Contains no mercury or other hazardous Substances.
- No filaments or glass components.
- Full cut-off with no wasted light above the fixture.

### APPLICATION :

Showrooms \ Universities  
 Schools \ Offices \ Banks  
 Factories \ Restaurants



## DATA SHEET

| ITEM NO.            | EMR - 100 SL                    |
|---------------------|---------------------------------|
| RATED WATTAGE       | 100W,150W,200W,320W             |
| DRIVER              | PHILIPS/SUNCOM                  |
| CHIPS               | PHILIPS\OSRAM\SAN'AN\EPISTAR    |
| INPUT VOLTAGE       | AC 110 - 227V                   |
| OPERATING FREQUENCY | 50-60 Hz                        |
| POWER FACTOR        | > 0.5 - 0.95                    |
| LUMINOUS            | 100-190 Lm\w (optional)         |
| PROTECTION GRADE    | IP65/ IP67                      |
| BEAM ANGLE          | 120° (optional)                 |
| COLOR TEMPERATURE   | 2700 - 4000 - 6500 K            |
| BODY COLOR          | white \ Black \ gray (optional) |
| DIMENSIONS          | -                               |
| BODY MATERIAL       | High purity extruded aluminium  |
| CRI                 | 80                              |
| LIFE TIME           | 30.000 - 50,000 hours           |

**Notes:** All components can be customized.

### WARRANTY

3-5 YEARS

### PRODUCT BENEFITS :

- Variable use at Direct Current and Alternating Current.
- Good all-around Light Emission.
- Ideal for Decorative and Free-burning Applications.
- Long Life Time of up to 50.000 H.



# LED NEON LIGHT



## FEATURES :

- LED alternative to conventional lamps.
- Contains no mercury or other hazardous substances.
- No filaments or glass components.
- Full cut-off with no wasted light above the fixture.

## APPLICATION :

Showrooms \ Universities  
Schools \ Offices \ Banks  
Factories \ Restaurants



## DATA SHEET

### Silicone tri-color co-extrusion neon

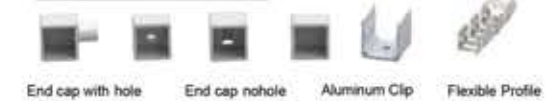
- High quality 1212 LED Neon Flex, With a full range of colors 3000-6500K RGB Light source 1Bin/2Bin; CRI>90; Anti-yellowing, Anti-UV, saline-alkali-resistance; Uniform light, No light spot, Could be different shapes; 3 years warranty



| product model  | LEDS/meter | Input voltage | Watt/m | CCT/K                 | Color Rendering Index | LM/w | IP Rate | PCB width |
|----------------|------------|---------------|--------|-----------------------|-----------------------|------|---------|-----------|
| XGT-1212-3000k | 120 / 240  | 24V           | 10W    | RGB/3000K/4000k/6000k | 90                    | 100  | IP67    | 8 / 10 mm |
| XGT-1212-4000k | 120 / 240  | 24V           | 10W    | RGB/3000K/4000k/6000k | 90                    | 100  | IP67    | 8 / 10 mm |
| XGT-1212-6000k | 120 / 240  | 24V           | 10W    | RGB/3000K/4000k/6000k | 90                    | 100  | IP67    | 8 / 10 mm |
| XGT-1212-RGB   | 120 / 240  | 24V           | 18W    | RGB/3000K/4000k/6000k | 90                    | 80   | P67     | 8 / 10 mm |

| Detailed parameter     |                                    |
|------------------------|------------------------------------|
| LED Type               | SMD 2835                           |
| Color rendering index: | 90                                 |
| CCT/K                  | RGB/3000K/4000K/6000K (optional)   |
| Beam Angle:            | 180°                               |
| Optical efficiency:    | 100Lm/w                            |
| Input voltage:         | DC 12V / 24V - AC 220 V (optional) |
| LEDS/meter:            | 120D / 240D (optional)             |

### Waterproof Rate



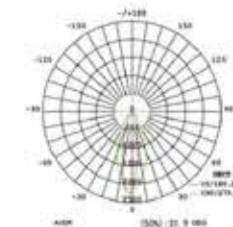
**Notes:** All components can be customized.

## WARRANTY

**3 - 5 YEARS**

## PRODUCT BENEFITS :

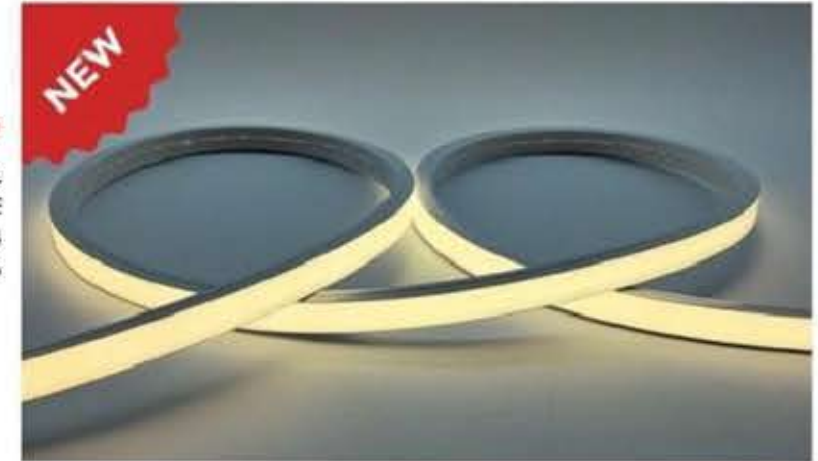
- Variable use at Direct Current and Alternating Current.
- Good all-around Light Emission.
- Ideal for Decorative and Free-burning Applications.
- Long Life Time of up to 30,000 H.



# LED NEON LIGHT



## DATA SHEET

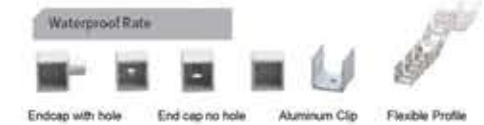


### Silicone tri-color co-extrusion

- High quality 1616 LED Neon Flex, With a fu of colors 3000-6500K RGB Light source 1E CRI>90; Anti-yellowing, Anti-UV, saline-all resistance; Uniform light, No light spot, Co different shapes; 3 years warranty

| product model  | LEDS/ meter | Input voltage | Watt/m | CCT/K                 | Color Rengering Index | LM/w | IP Rate | PCB width |
|----------------|-------------|---------------|--------|-----------------------|-----------------------|------|---------|-----------|
| XGT-1616-3000k | 120 / 240   | 24V           | 10W    | RGB/3000K/4000K/6000K | 90                    | 100  | P6      | 8 / 10 mm |
| XGT-1616-4000k | 120 / 240   | 24V           | 10W    | RGB/3000K/4000K/6000K | 90                    | 100  | IP67    | 8 / 10 mm |
| XGT-1616-6000k | 120 / 240   | 24V           | 10W    | RGB/3000K/4000K/6000K | 90                    | 100  | IP67    | 8 / 10 mm |
| XGT-1616-RGB   | 120 / 240   | 24V           | 18W    | RGB/3000K/4000K/6000K | 90                    | 80   | P67     | 8 / 10 mm |

| Detailedparameter      |                                    |
|------------------------|------------------------------------|
| LED Type               | SMD 2835                           |
| Color rendering index: | 90                                 |
| CCT/K                  | RGB/3000K/4000K/6000K              |
| Beam Angle:            | 180°                               |
| Optical efficiency:    | 100Lm/w                            |
| Input voltage:         | DC 12V / 24V - AC 220 V (optional) |
| 1FDs/meter             | 120D / 240D (optional)             |



**Notes:** All components can be customized.

**WARRANTY**

**3 - 5 YEARS**

### FEATURES :

- LED alternative to conventional lamps.
- Contains no mercury or other hazardous Substances.
- No filaments or glass components.
- Full cut-off with no wasted light above the fixture.

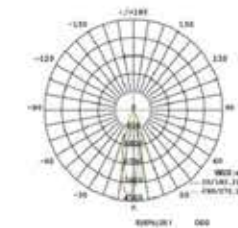
### APPLICATION :

Showrooms \ Universities  
Schools \ Offices \ Banks  
Factories \ Restaurants

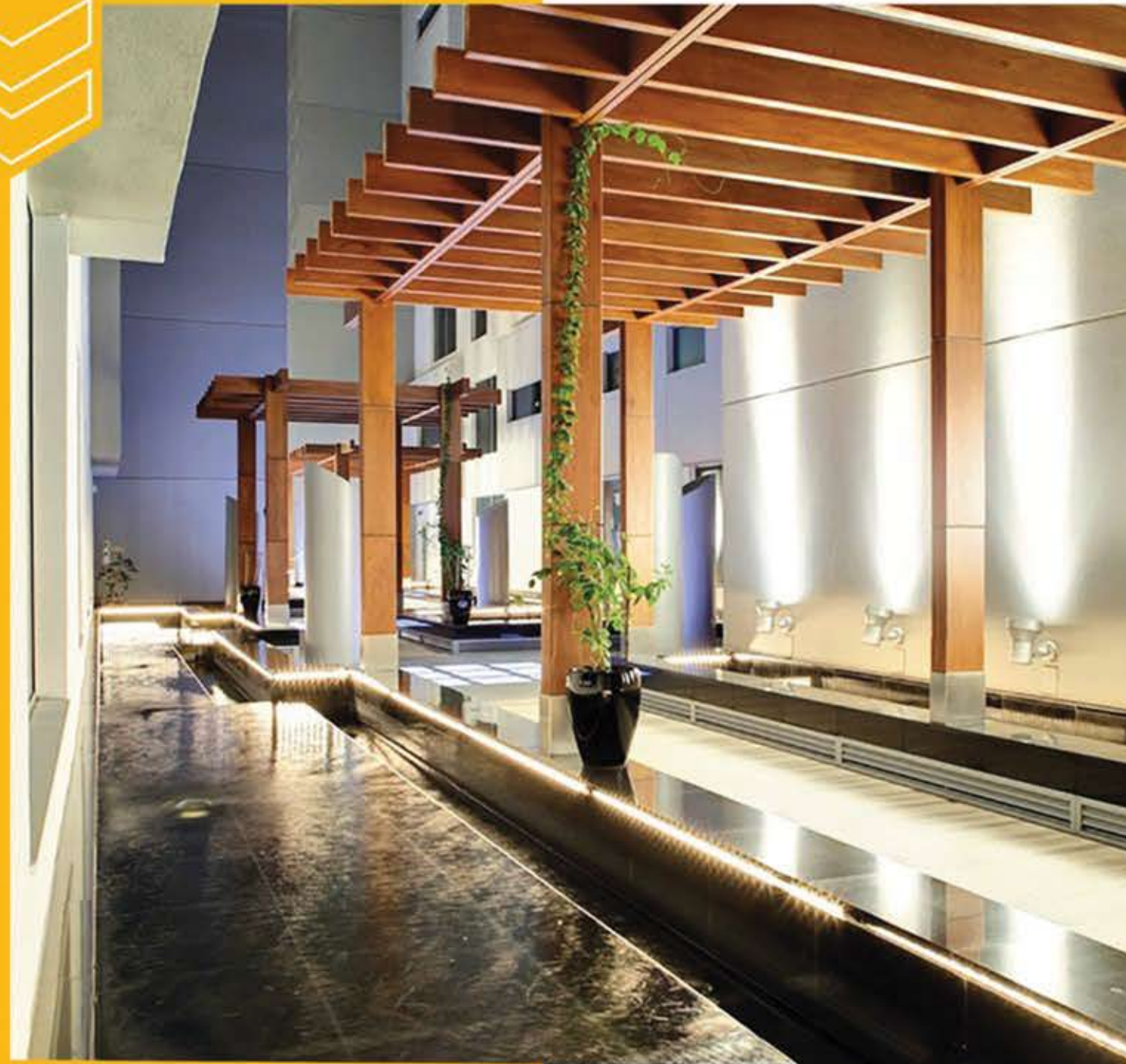


### PRODUCT BENEFITS :

- Variable use at Direct Current and Alternating Current.
- Good all-around Light Emission.
- Ideal for Decorative and Free-burning Applications.
- Long Life Time of up to 30.000 H.



# WALL WASHER LIGHT



### FEATURES :

- LED alternative to conventional lamps.
- Contains no mercury or other hazardous Substances.
- No filaments or glass components.
- Full cut-off with no wasted light above the fixture.

### APPLICATION :

Showrooms \ Universities  
Schools \ Offices \ Banks  
Landscape \ Restaurants



## DATA SHEET

| ITEM NO.            | EMR-010 WWX                      |
|---------------------|----------------------------------|
| RATED WATTAGE       | 10W,18W, 24W,36W                 |
| DRIVER              | PHILIPS\OSRAM\ ZH\EMR            |
| CHIPS               | PHILIPS\OSRAM\ SAN'AN\EPISTAR    |
| INPUT VOLTAGE       | 12V-14V / AC 220V                |
| OPERATING FREQUENCY | 50-60 Hz                         |
| POWER FACTOR        | > 0.5 - 0.95                     |
| LUMINOUS            | 100 -135 Lm\W                    |
| PROTECTION GRADE    | IP 65                            |
| BEAM ANGLE          | 18 °                             |
| COLOR TEMPERATURE   | 2700 - 4000 - 6500 K             |
| BODY COLOR          | white \ Black \ gray             |
| DIMENSIONS          | L1020xW 64xH 62 mm               |
| BODY MATERIAL       | Die-cast aluminium               |
| REFLECTOR           | OPAL Lens/ Glass Lens (optional) |
| LIFE TIME           | 30.000 - 50,000 hours            |

**Notes:** All components can be customized.

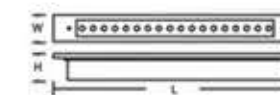
### WARRANTY

3 - 5 YEARS

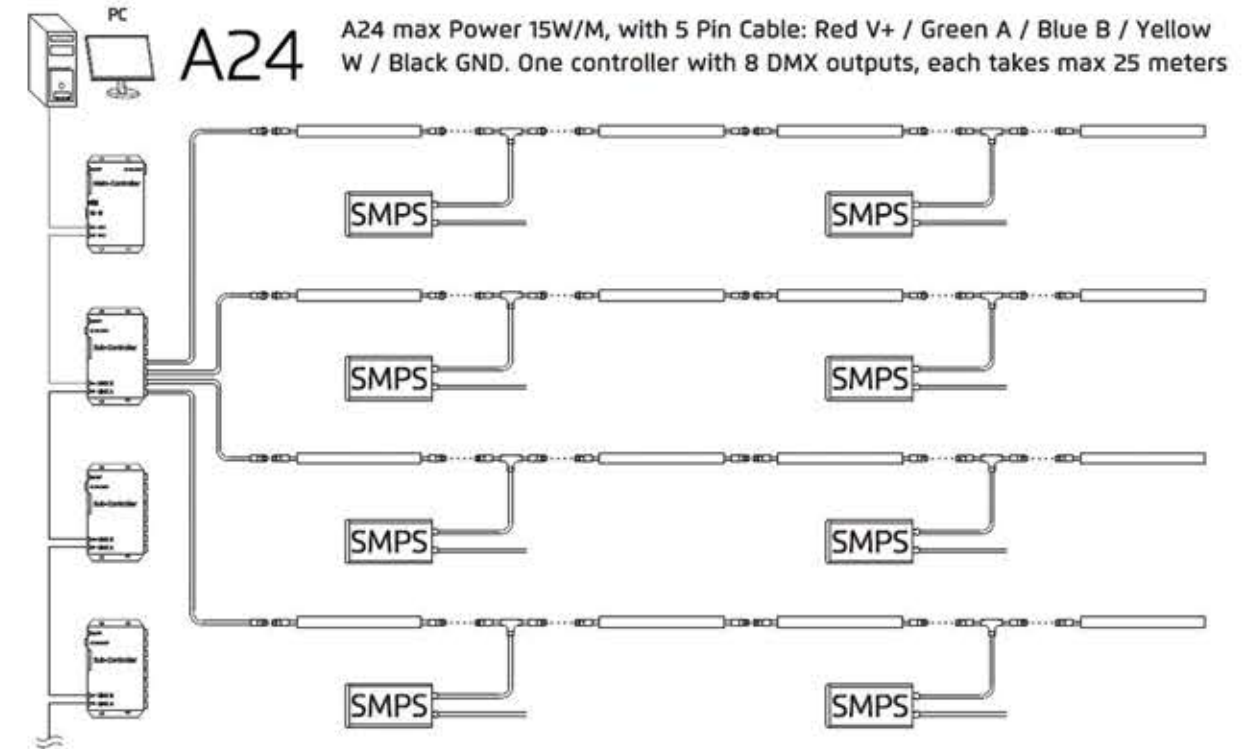
### PRODUCT BENEFITS :

- Variable use at Direct Current and Alternating Current.
- Good all-around Light Emission.
- Ideal for Decorative and Free-bur-ing Applications.
- Long Life Time of up to 30.000 H.

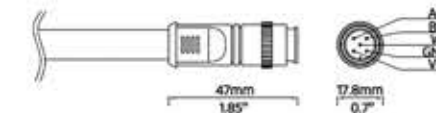
Luminous intensity distribution



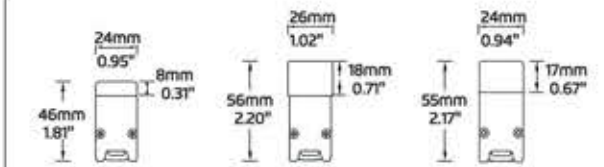
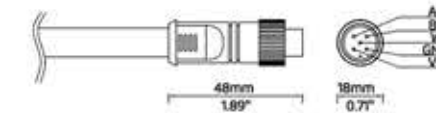
### DATA SHEET



Male



Female



**Notes:** All components can be customized.

**WARRANTY**

**3 - 5 YEARS**

**PRODUCT BENEFITS :**

- Variable use at Direct Current and Alternating Current.
- Good all-around Light Emission.
- Ideal for Decorative and Free-burning Applications.
- Long Life Time of up to 30.000 H.

Luminous Flux: 199.6 lm

| H(m)          | Eavg, Emax                       | Beam Angle: 113.10° | Diameter             |
|---------------|----------------------------------|---------------------|----------------------|
| 3.281ft<br>1m | 2.490,8.654fc<br>126.80,93.15lx  |                     | 9.813ft<br>299.09cm  |
| 6.562ft<br>2m | 0.6224,2.163fc<br>6.699,23.29lx  |                     | 19.63ft<br>598.18cm  |
| 9.843ft<br>3m | 0.2766,0.9615fc<br>1.875,5.822lx |                     | 29.44ft<br>897.27cm  |
| 13.12ft<br>4m | 0.1556,0.5409fc<br>1.675,5.822lx |                     | 39.25ft<br>1196.36cm |
| 16.4ft<br>5m  | 0.0996,0.3461fc<br>1.072,3.726lx |                     | 49.06ft<br>1495.46cm |



## LINEAR PROFILE



**FEATURES :**

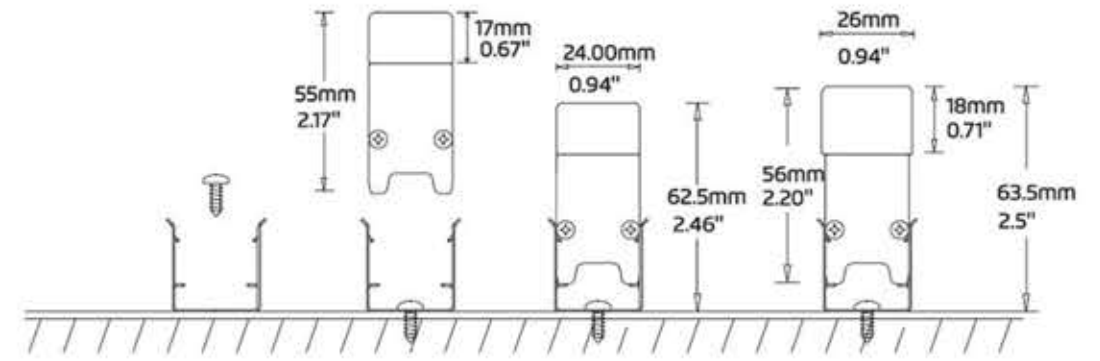
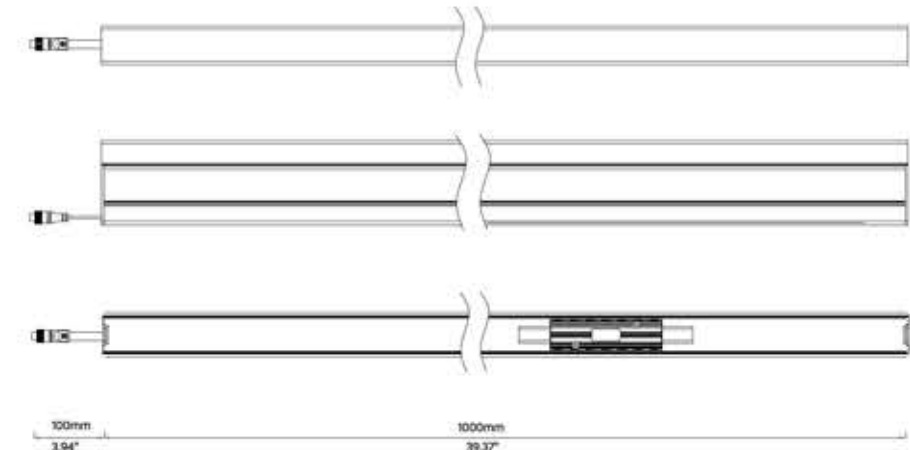
- LED alternative to conventional lamps.
- Contains no mercury or other hazardous Substances.
- No filaments or glass components.
- Full cut-off with no wasted light above the fixture.

**APPLICATION :**

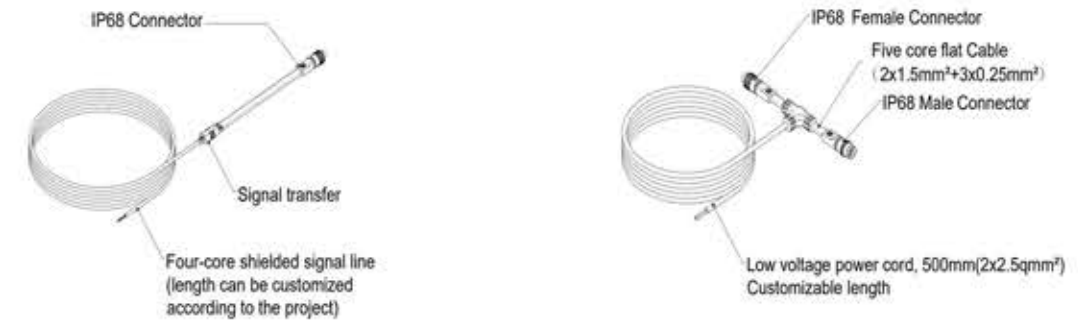
Showrooms \ Universities  
Schools \ Offices \ Banks  
Factories \ Restaurants



**DATA SHEET**



Details:



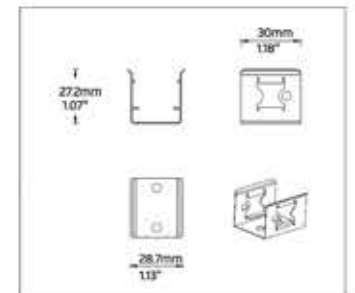
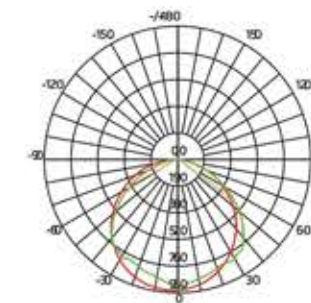
**Notes:** All components can be customized.

**WARRANTY**

**3 - 5 YEARS**

**PRODUCT BENEFITS :**

- Variable use at Direct Current and Alternating Current.
- Good all-around Light Emission.
- Ideal for Decorative and Free-burning Applications.
- Long Life Time of up to 30.000 H.



Lumination icon (RGBW)

**LINEAR PROFILE**



**FEATURES :**

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- Contains no mercury or other hazardous Substances.
- No filaments or glass components.
- Full cut-off with no wasted light above the fixture.

**APPLICATION :**

Showrooms \ Universities  
Schools \ Offices \ Banks  
Factories \ Restaurants



**LED POLE** is decorative POLE made of die-cast aluminium body for lighting pathways and gardens.

**LED POLE LIGHT**



**APPLICATIONS:**

Landscape lighting ( On ground )

**FEATURES :**

- LED alternative to conventional lamps.
- Contains no mercury or other hazardous Substances.
- No filaments or glass components.
- Full cut-off with no wasted light above the fixture.



**DATA SHEET**

| ITEM NO.            | EMR - 201 LPL                           |
|---------------------|---|
| RATED WATTAGE       | 30W,50W (optional)                      |
| DRIVER              | PHILIPS\OSRAM\ZH\EMR (optional)         |
| CHIPS               | PHILIPS\OSRAM\SAN'AN\EPISTAR (optional) |
| INPUT VOLTAGE       | AC 110 - 227V                           |
| OPERATING FREQUENCY | 50-60 Hz                                |
| POWER FACTOR        | > 0.5 - 0.95                            |
| LUMINOUS            | 100 -135 Lm\W                           |
| PROTECTION GRADE    | IP 65                                   |
| BEAM ANGLE          | 110°                                    |
| COLOR TEMPERATURE   | 2700 - 4000 - 6500 K                    |
| BODY COLOR          | white \ Black \ gray                    |
| DIMENSIONS          | W 150 x L 150 x H 3000 mm               |
| BODY MATERIAL       | Die-cast aluminium                      |
| CRI                 | 80                                      |
| LIFE TIME           | 30.000 - 50,000 hours                   |

**Notes:** All components can be customized.

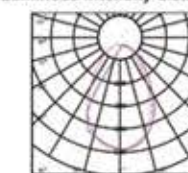
**WARRANTY**

**3 - 5 YEARS**

**PRODUCT BENEFITS :**

- Variable use at Direct Current and Alternating Current.
- Good all-around Light Emission.
- Ideal for Decorative and Free-burning Applications.
- Long Life Time of up to 50.000 H.

Luminous intensity distribution



LED POLE LIGHT  
DATA SHEET

| ITEM NO.            | EMR - 301 LPL                     |
|---------------------|-----------------------------------|
| RATED WATTAGE       | 30W,50W                           |
| DRIVER              | PHILIPS\OSRAM\ZH\EMR              |
| CHIPS               | PHILIPS\OSRAM\SAN'AN\EPISTAR      |
| INPUT VOLTAGE       | AC 110 - 227V                     |
| OPERATING FREQUENCY | 50-60 Hz                          |
| POWER FACTOR        | > 0.5 - 0.95                      |
| LUMINOUS            | 100 -135 Lm\W                     |
| PROTECTION GRADE    | IP 65                             |
| BEAM ANGLE          | Narrow/Medium/<br>Wide Beam       |
| COLOR TEMPERATURE   | 2700 - 4000 - 6500 K              |
| BODY COLOR          | white \ Black \ gray              |
| DIMENSIONS          | H4000:6000xL1000xW130mm           |
| BODY MATERIAL       | High purity<br>extruded aluminium |
| CRI                 | 80                                |
| LIFE TIME           | 30.000 - 50,000 hours             |

LED POLE LIGHT  
DATA SHEET

| ITEM NO.            | EMR - 401 LPL                  |
|---------------------|--------------------------------|
| RATED WATTAGE       | (2*30W) , (2*50 W)             |
| DRIVER              | PHILIPS\OSRAM\ZH\EMR           |
| CHIPS               | PHILIPS\OSRAM\SAN'AN\EPISTAR   |
| INPUT VOLTAGE       | AC 110 - 227V                  |
| OPERATING FREQUENCY | 50-60 Hz                       |
| POWER FACTOR        | > 0.5 - 0.95                   |
| LUMINOUS            | 100 -135 Lm\W                  |
| PROTECTION GRADE    | IP 65                          |
| BEAM ANGLE          | 110°                           |
| COLOR TEMPERATURE   | 2700 - 4000 - 6500 K           |
| BODY COLOR          | white \ Black \ gray           |
| DIMENSIONS          | W 150 x L 150 x H 3000 mm      |
| BODY MATERIAL       | High purity extruded aluminium |
| CRI                 | 80                             |
| LIFE TIME           | 30.000 - 50,000 hours          |

**Notes:** All components can be customized.

**WARRANTY** 3 - 5 YEARS

**PRODUCT BENEFITS :**

- Variable use at Direct Current and Alternating Current.
- Good all-around Light Emission.
- Ideal for Decorative and Free-bur-ing Applications.
- Long Life Time of up to 50.000 H.

Luminous intensity distribution



**Notes:** All components can be customized.

**WARRANTY** 3 - 5 YEARS

**PRODUCT BENEFITS :**

- Variable use at Direct Current and Alternating Current.
- Good all-around Light Emission.
- Ideal for Decorative and Free-bur-ing Applications.
- Long Life Time of up to 50.000 H.

Luminous intensity distribution



LED POLE LIGHT - Double Arm Decorative Pole

**DATA SHEET**

| ITEM NO.            | EMR - 501 LPL                  |
|---------------------|--------------------------------|
| RATED WATTAGE       | 2 x 50W                        |
| DRIVER              | SAMSUNG\OSRAM                  |
| INPUT VOLTAGE       | AC 220 ~ 240 V                 |
| OPERATING FREQUENCY | 50-60 Hz                       |
| POWER FACTOR        | > 0.95                         |
| LUMINOUS            | 120 lm/w                       |
| PROTECTION GRADE    | IP 65                          |
| BEAM ANGLE          | Narrow / Medium / Wide         |
| COLOR TEMPERATURE   | 3000K                          |
| BODY COLOR          | Black - Gray                   |
| DIMENSIONS          | W 120 x L120 x H 3000 mm       |
| BODY MATERIAL       | High purity extruded aluminium |
| CRI                 | 80                             |
| LIFE TIME           | 50,000 hours                   |

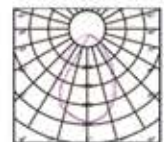
**Notes:** All components can be customized.

**WARRANTY** 3 - 5 YEARS

**PRODUCT BENEFITS :**

- Variable use at Direct Current and Alternating Current.
- Good all-around Light Emission.
- Ideal for Decorative and Free-burning Applications.
- Long Life Time of up to 50.000 H.

Luminous intensity distribution



LED POLE LIGHT - Single Arm Decorative Pole

**DATA SHEET**

| ITEM NO.            | EMR - 601 LPL                  |
|---------------------|--------------------------------|
| RATED WATTAGE       | 50W                            |
| DRIVER              | SAMSUNG\OSRAM                  |
| INPUT VOLTAGE       | AC 220 ~ 240 V                 |
| OPERATING FREQUENCY | 50-60 Hz                       |
| POWER FACTOR        | > 0.95                         |
| LUMINOUS            | 120 lm/w                       |
| PROTECTION GRADE    | IP 65                          |
| BEAM ANGLE          | Narrow / Medium / Wide         |
| COLOR TEMPERATURE   | 3000K                          |
| BODY COLOR          | Black - Gray                   |
| DIMENSIONS          | W 120 x L120 x H 3000 mm       |
| BODY MATERIAL       | High purity extruded aluminium |
| CRI                 | 80                             |
| LIFE TIME           | 50,000 hours                   |

**Notes:** All components can be customized.

**WARRANTY** 3 - 5 YEARS

**PRODUCT BENEFITS :**

- Variable use at Direct Current and Alternating Current.
- Good all-around Light Emission.
- Ideal for Decorative and Free-burning Applications.
- Long Life Time of up to 50.000 H.

Luminous intensity distribution



# LED BOLLARD LIGHT



## APPLICATIONS:

Landscape lighting ( On ground )

## FEATURES :

- LED alternative to conventional lamps.
- Contains no mercury or other hazardous Substances.
- No filaments or glass components.
- Full cut-off with no wasted light above the fixture.

## LED PBOLLARD LIGHT

is an architectural bollard for lighting pathways and gardens, made of die-cast aluminium body and painted with electrostatic powder coating



LED BOLLARD LIGHT  
DATA SHEET

| ITEM NO.            | EMR - 003 BL                   |
|---------------------|--------------------------------|
| RATED WATTAGE       | 10W , 15W , 30W                |
| DRIVER              | PHILIPS\OSRAM\ZH\EMR           |
| CHIPS               | PHILIPS\OSRAM\SAN'AN\EPISTAR   |
| INPUT VOLTAGE       | AC 110 - 227V                  |
| OPERATING FREQUENCY | 50-60 Hz                       |
| POWER FACTOR        | > 0.5 - 0.95                   |
| LUMINOUS            | 100 -135 Lm\W                  |
| PROTECTION GRADE    | IP 65                          |
| BEAM ANGLE          | 110°                           |
| COLOR TEMPERATURE   | 2700 - 4000 - 6500 K           |
| BODY COLOR          | white \ Black \ gray           |
| DIMENSIONS          | W 120 x L 120 x H 1000 mm      |
| BODY MATERIAL       | High purity extruded aluminium |
| CRI                 | 80                             |
| LIFE TIME           | 30.000 - 50,000 hours          |

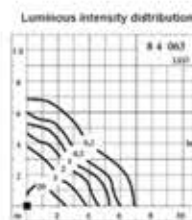
**Notes:** All components can be customized.

WARRANTY

3 - 5 YEARS

**PRODUCT BENEFITS :**

- Variable use at Direct Current and Alternating Current.
- Good all-around Light Emission.
- Ideal for Decorative and Free-bur-ing Applications.
- Long Life Time of up to 50.000 H.



LED BOLLARD LIGHT  
DATA SHEET

| ITEM NO.            | EMR - 007 BL                   |
|---------------------|--------------------------------|
| RATED WATTAGE       | 10W , 15W , 30W                |
| DRIVER              | PHILIPS\OSRAM\ZH\EMR           |
| CHIPS               | PHILIPS\OSRAM\SAN'AN\EPISTAR   |
| INPUT VOLTAGE       | AC 110 - 227V                  |
| OPERATING FREQUENCY | 50-60 Hz                       |
| POWER FACTOR        | > 0.5 - 0.95                   |
| LUMINOUS            | 100 -135 Lm\W                  |
| PROTECTION GRADE    | IP 65                          |
| BEAM ANGLE          | 110°                           |
| COLOR TEMPERATURE   | 2700 - 4000 - 6500 K           |
| BODY COLOR          | white \ Black \ gray           |
| DIMENSIONS          | Ø 165 x H 1000 mm              |
| BODY MATERIAL       | High purity extruded aluminium |
| CRI                 | 80                             |
| LIFE TIME           | 30.000 - 50,000 hours          |

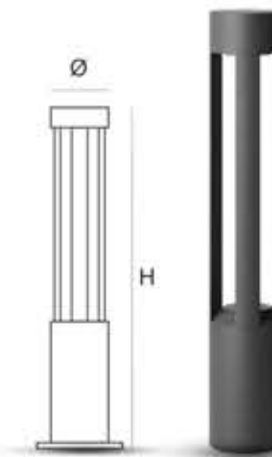
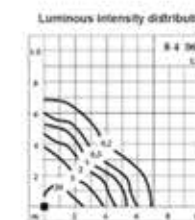
**Notes:** All components can be customized.

WARRANTY

3 - 5 YEARS

**PRODUCT BENEFITS :**

- Variable use at Direct Current and Alternating Current.
- Good all-around Light Emission.
- Ideal for Decorative and Free-bur-ing Applications.
- Long Life Time of up to 50.000 H.



LED BOLLARD LIGHT  
DATA SHEET

| ITEM NO.            | EMR - 011 BL                 |
|---------------------|------------------------------|
| RATED WATTAGE       | 10W , 15W , 30W              |
| DRIVER              | PHILIPS\OSRAM\ZH\EMR         |
| CHIPS               | PHILIPS\OSRAM\SAN'AN\EPISTAR |
| INPUT VOLTAGE       | AC 110 - 227V                |
| OPERATING FREQUENCY | 50-60 Hz                     |
| POWER FACTOR        | > 0.5 - 0.95                 |
| LUMINOUS            | 100 -135 Lm\W                |
| PROTECTION GRADE    | IP 65                        |
| BEAM ANGLE          | Diffuser                     |
| COLOR TEMPERATURE   | 2700 - 4000 - 6500 K         |
| BODY COLOR          | white \ Black \ gray         |
| DIMENSIONS          | W 155 x L 55 x H 1000 mm     |
| BODY MATERIAL       | Die-Cast aluminium           |
| CRI                 | 80                           |
| LIFE TIME           | 30.000 - 50,000 hours        |

LED BOLLARD LIGHT  
DATA SHEET

| ITEM NO.            | EMR - 014 BL                   |
|---------------------|--------------------------------|
| RATED WATTAGE       | 10W , 15W , 30W                |
| DRIVER              | PHILIPS\OSRAM\ZH\EMR           |
| CHIPS               | PHILIPS\OSRAM\SAN'AN\EPISTAR   |
| INPUT VOLTAGE       | AC 110 - 227V                  |
| OPERATING FREQUENCY | 50-60 Hz                       |
| POWER FACTOR        | > 0.5 - 0.95                   |
| LUMINOUS            | 100 -135 Lm\W                  |
| PROTECTION GRADE    | IP 65                          |
| BEAM ANGLE          | 110°                           |
| COLOR TEMPERATURE   | 2700 - 4000 - 6500 K           |
| BODY COLOR          | white \ Black \ gray           |
| DIMENSIONS          | W 110 x L 110 x H 1000 mm      |
| BODY MATERIAL       | High purity extruded aluminium |
| CRI                 | 80                             |
| LIFE TIME           | 30.000 - 50,000 hours          |

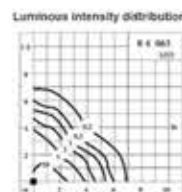
**Notes:** All components can be customized.

WARRANTY

3 - 5 YEARS

**PRODUCT BENEFITS :**

- Variable use at Direct Current and Alternating Current.
- Good all-around Light Emission.
- Ideal for Decorative and Free-bur-ing Applications.
- Long Life Time of up to 50.000 H.



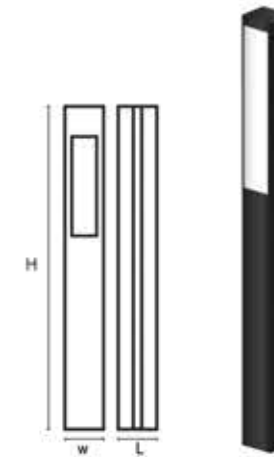
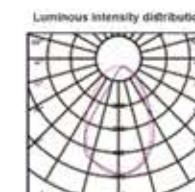
**Notes:** All components can be customized.

WARRANTY

3 - 5 YEARS

**PRODUCT BENEFITS :**

- Variable use at Direct Current and Alternating Current.
- Good all-around Light Emission.
- Ideal for Decorative and Free-bur-ing Applications.
- Long Life Time of up to 50.000 H.



# BULKHEAD LIGHTING



### FEATURES :

- LED alternative to conventional lamps.
- Contains no mercury or other hazardous Substances.
- No filaments or glass components.
- Full cut-off with no wasted light above the fixture.

### APPLICATION :

Showrooms \ Universities  
Schools \ Offices \ Banks  
Factories \ Restaurants



## DATA SHEET

| ITEM NO.            | EMR-510V                     |
|---------------------|------------------------------|
| RATED WATTAGE       | 10W - 20W- 30W               |
| DRIVER              | PHILIPS\OSRAM\ZH\EMR         |
| CHIPS               | PHILIPS\OSRAM\SAN'AN\EPISTAR |
| INPUT VOLTAGE       | AC 220V                      |
| OPERATING FREQUENCY | 50-60 Hz                     |
| POWER FACTOR        | > 0.5 - 0.95                 |
| LUMINOUS            | 100 -135 Lm\W                |
| PROTECTION GRADE    | IP 65                        |
| BEAM ANGLE          | 120°                         |
| COLOR TEMPERATURE   | 2700 - 4000 - 6500 K         |
| BODY COLOR          | white \ Black \ gray         |
| DIMENSIONS          | W182 - L280 - H85 mm         |
| BODY MATERIAL       | Aluminum With Plastic        |
| REFLECTOR           | OPAL DIFFUSER                |
| LIFE TIME           | 30,000 - 50,000 hours        |

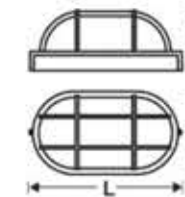
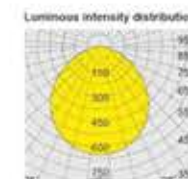
**Notes:** All components can be customized.

### WARRANTY

3 - 5 YEARS

### PRODUCT BENEFITS :

- Variable use at Direct Current and Alternating Current.
- Good all-around Light Emission.
- Ideal for Decorative and Free-bur-ing Applications.
- Long Life Time of up to 30,000 H.



# BULKHEAD LIGHTING

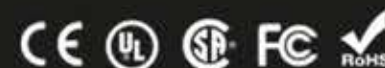


## FEATURES :

- LED alternative to conventional lamps.
- Contains no mercury or other hazardous Substances.
- No filaments or glass components.
- Full cut-off with no wasted light above the fixture.

## APPLICATION :

Showrooms \ Universities  
Schools \ Offices \ Banks  
Factories \ Restaurants



## DATA SHEET

| ITEM NO.            | EMR - 61RO                       |
|---------------------|----------------------------------|
| RATED WATTAGE       | 10W - 20W- 30W                   |
| DRIVER              | PHILIPS\OSRAM\ZH\EMR             |
| CHIPS               | PHILIPS\OSRAM\SAN'AN\<br>EPISTAR |
| INPUT VOLTAGE       | AC 220V                          |
| OPERATING FREQUENCY | 50-60 Hz                         |
| POWER FACTOR        | > 0.5 - 0.95                     |
| LUMINOUS            | 100 -135 Lm\W                    |
| PROTECTION GRADE    | IP 65                            |
| BEAM ANGLE          | 120°                             |
| COLOR TEMPERATURE   | 2700 - 4000 - 6500 K             |
| BODY COLOR          | white \ Black \ gray             |
| DIMENSIONS          | W300 - L300 - H80 mm             |
| BODY MATERIAL       | Aluminum With Plastic            |
| REFLECTOR           | OPAL DIFFUSER                    |
| LIFE TIME           | 30.000 - 50,000 hours            |

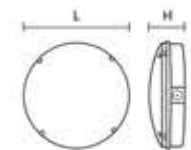
**Notes:** All components can be customized.

## WARRANTY

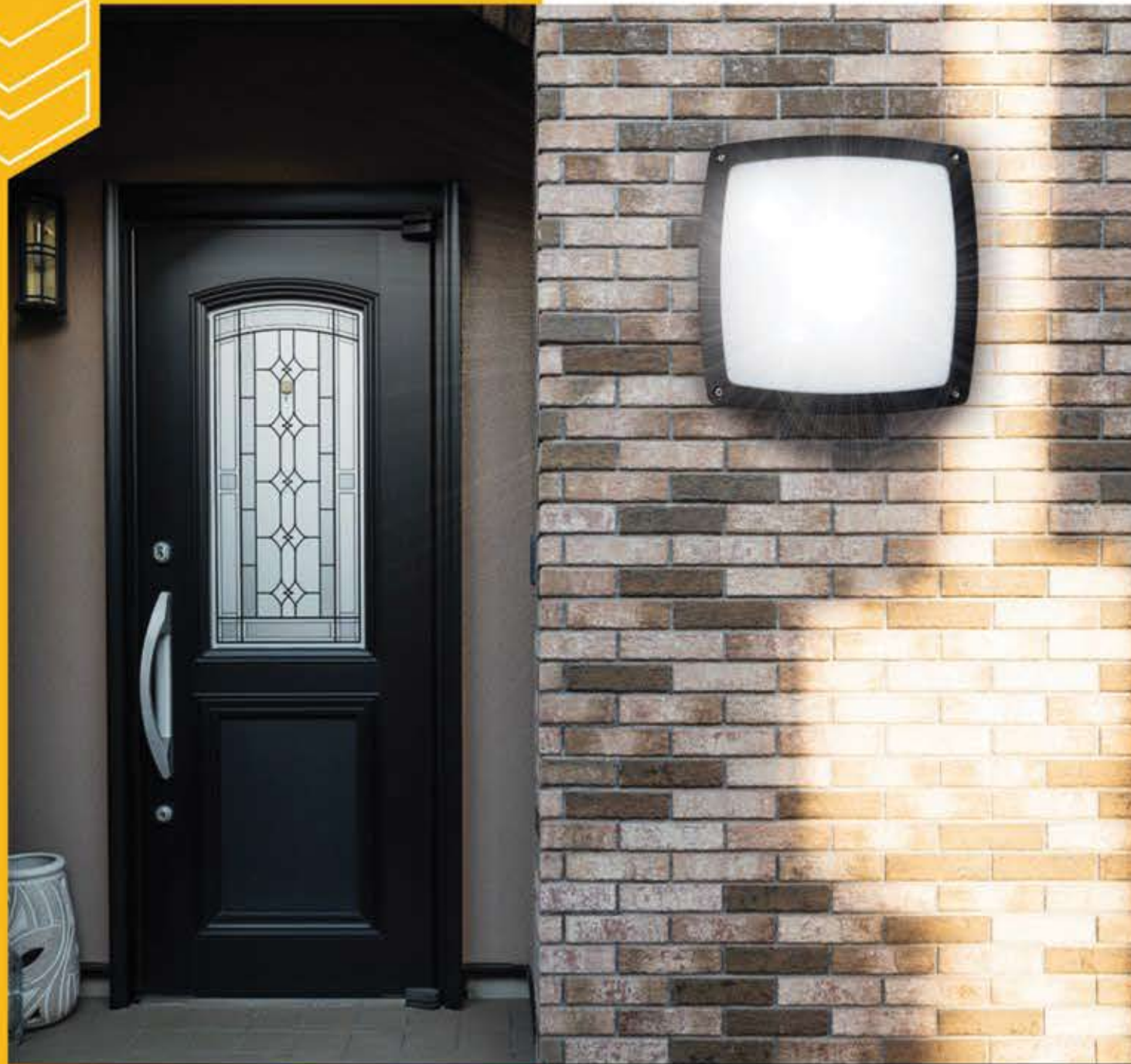
3 - 5 YEARS

## PRODUCT BENEFITS :

- Variable use at Direct Current and Alternating Current.
- Good all-around Light Emission.
- Ideal for Decorative and Free-burning Applications.
- Long Life Time of up to 30,000 H.



# BULKHEAD LIGHTING



### FEATURES :

- LED alternative to conventional lamps.
- Contains no mercury or other hazardous Substances.
- No filaments or glass components.
- Full cut-off with no wasted light above the fixture.

### APPLICATION :

Showrooms \ Universities  
Schools \ Offices \ Banks  
Factories \ Restaurants



## DATA SHEET

| ITEM NO.            | EMR - 71SQ                   |
|---------------------|------------------------------|
| RATED WATTAGE       | 10W - 20W - 30W - 40W        |
| DRIVER              | PHILIPS\OSRAM\ZH\EMR         |
| CHIPS               | PHILIPS\OSRAM\SAN'AN\EPISTAR |
| INPUT VOLTAGE       | AC 220V                      |
| OPERATING FREQUENCY | 50-60 Hz                     |
| POWER FACTOR        | > 0.5 - 0.95                 |
| LUMINOUS            | 100 -135 Lm\W                |
| PROTECTION GRADE    | IP 65                        |
| BEAM ANGLE          | 120°                         |
| COLOR TEMPERATURE   | 2700 - 4000 - 6500 K         |
| BODY COLOR          | white \ Black \ gray         |
| DIMENSIONS          | W300 - L300 - H90 mm         |
| BODY MATERIAL       | Aluminum With Plastic        |
| REFLECTOR           | OPAL DIFFUSER                |
| LIFE TIME           | 30.000 - 50,000 hours        |

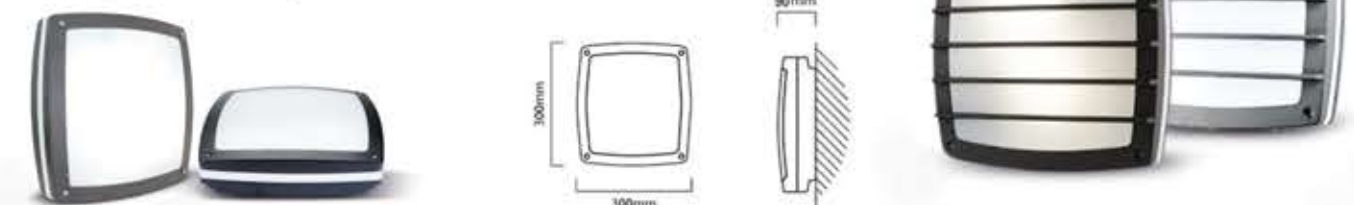
**Notes:** All components can be customized.

### WARRANTY

3 - 5 YEARS

### PRODUCT BENEFITS :

- Variable use at Direct Current and Alternating Current.
- Good all-around Light Emission.
- Ideal for Decorative and Free-burning Applications.
- Long Life Time of up to 30.000 H.



# LED SURFACE PANEL

## POLVENIRA

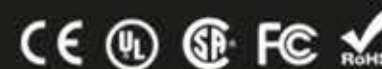


### FEATURES :

- LED alternative to conventional lamps.
- Contains no mercury or other hazardous Substances.
- No filaments or glass components.
- Full cut-off with no wasted light above the fixture.

### APPLICATION :

Showrooms \ Universities  
 Schools \ Offices \ Banks  
 HOMES \ Restaurants



### DATA SHEET

#### RATED WATTAGE

15W, 24W  
25W

|                     |                      |
|---------------------|----------------------|
| ITEM                | EMR- 24SPOLV         |
| DRIVER              | PHILIPS/EAGLERISE    |
| CHIPS               | OSRAM/SANAN          |
| PANEL DESIGN        | SURFACE              |
| INPUT VOLTAGE       | AC85-265V            |
| OPERATING FREQUENCY | 50-60 Hz             |
| POWER FACTOR        | > 0.50               |
| LUMINOUS            | 100-135Lm/W          |
| DIMMABLE            | NON                  |
| PROTECTION GRADE    | IP 65                |
| BEAM ANGLE          | 180°                 |
| COLOR TEMPERATURE   | 2700\4000<br>\6500K  |
| POWER SVE           | 90%                  |
| CRI                 | >80                  |
| LIFE TIME           | 30,000 \<br>50,000 H |

**Notes:** All components can be customized.

#### WARRANTY

3 - 5 YEARS

#### PRODUCT BENEFITS :

- Variable use at Direct Current and Alternating Current.
- Good all-around Light Emission.
- Ideal for Decorative and Free-burning Applications.
- Long Life Time of up to 30,000 H.

Light Distribution Curve



# LED UP LIGHT



## FEATURES :

- LED alternative to conventional lamps.
- Contains no mercury or other hazardous Substances.
- No filaments or glass components.
- Full cut-off with no wasted light above the fixture.

## APPLICATION :

Showrooms \ Universities  
Schools \ Offices \ Banks  
Factories \ Restaurants



## DATA SHEET

| ITEM NO.            | EMR 03 UL                                |
|---------------------|--|
| RATED WATTAGE       | 3W,6W,9W, 12W,18W, 24W                   |
| DRIVER              | PHILIPS\OSRAM\ ZH\EMR                    |
| CHIPS               | PHILIPS\OSRAM \SAN'AN\EPISTAR            |
| INPUT VOLTAGE       | AC 220V                                  |
| OPERATING FREQUENCY | 50-60 Hz                                 |
| POWER FACTOR        | > 0.5 - 0.95                             |
| LUMINOUS            | 100 -135 Lm\W                            |
| PROTECTION GRADE    | IP 65                                    |
| BEAM ANGLE          | 18 °                                     |
| COLOR TEMPERATURE   | 2700-4000-6500 K                         |
| BODY COLOR          | white\ Black\ gray                       |
| DIMENSIONS          | H 100 x Ø100                             |
| BODY MATERIAL       | Die-cast aluminium /Stainless Steel Ring |
| REFLECTOR           | OPAL DIFFUSER                            |
| LIFE TIME           | 30.000 - 50,000 H                        |

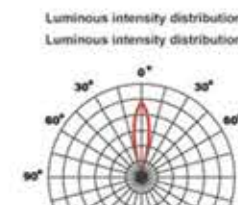
**Notes:** All components can be customized.

## WARRANTY

3 - 5 YEARS

## PRODUCT BENEFITS :

- Variable use at Direct Current and Alternating Current.
- Good all-around Light Emission.
- Ideal for Decorative and Free-burning Applications.
- Long Life Time of up to 30.000 H.



# SPIKE



## FEATURES :

- LED alternative to conventional lamps.
- Contains no mercury or other hazardous Substances.
- No filaments or glass components.
- Full cut-off with no wasted light above the fixture.

## APPLICATION :

Showrooms \ Universities  
Schools \ Offices \ Banks  
Factories \ Restaurants



## DATA SHEET

| ITEM NO.            | EMR - 09 SPL                 |
|---------------------|------------------------------|
| RATED WATTAGE       | 7W,9W,12W,15W                |
| DRIVER              | PHILIPS\OSRAM\ZH\EMR         |
| CHIPS               | PHILIPS\OSRAM\SAN'AN\EPISTAR |
| INPUT VOLTAGE       | AC 220V                      |
| OPERATING FREQUENCY | 50-60 Hz                     |
| POWER FACTOR        | > 0.5 - 0.95                 |
| LUMINOUS            | 100 -135 Lm\W                |
| PROTECTION GRADE    | IP 65                        |
| BEAM ANGLE          | 60 °                         |
| COLOR TEMPERATURE   | 2700 - 4000 - 6500 K         |
| BODY COLOR          | white \ Black \ gray         |
| DIMENSIONS          | Ø 145 x L 195 x H 445 mm     |
| BODY MATERIAL       | Die Cast Aluminium           |
| REFLECTOR           | OPAL DIFFUSER                |
| LIFE TIME           | 30.000 - 50,000 hours        |

**Notes:** All components can be customized.

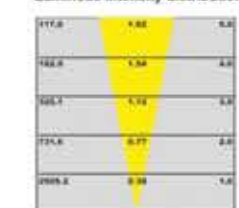
## WARRANTY

3 - 5 YEARS

## PRODUCT BENEFITS :

- Variable use at Direct Current and Alternating Current.
- Good all-around Light Emission.
- Ideal for Decorative and Free-burning Applications.
- Long Life Time of up to 30.000 H.

Luminous intensity distribution



# PROJECTORS



## FEATURES :

- LED alternative to conventional lamps.
- Contains no mercury or other hazardous Substances.
- No filaments or glass components.
- Full cut-off with no wasted light above the fixture.

## APPLICATION :

Showrooms \ Universities  
Schools \ Offices \ Banks  
Factories \ Restaurants



## DATA SHEET

| ITEM NO.            | EMR - 03 SPL                  | EMR - 06 SPL                  |
|---------------------|-------------------------------|-------------------------------|
| RATED WATTAGE       | 3 W                           | 6 W                           |
| DRIVER              | PHILIPS\OSRAM\ZH\EMR          | PHILIPS\OSRAM\ZH\EMR          |
| CHIPS               | PHILIPS\OSRAM\SAN'AN\ EPISTAR | PHILIPS\OSRAM\SAN'AN\ EPISTAR |
| INPUT VOLTAGE       | AC 220V                       | AC 220V                       |
| OPERATING FREQUENCY | 50-60 Hz                      | 50-60 Hz                      |
| POWER FACTOR        | > 0.5 - 0.95                  | > 0.5 - 0.95                  |
| LUMINOUS            | 100 -135 Lm\W                 | 100 -135 Lm\W                 |
| PROTECTION GRADE    | IP 65                         | IP 65                         |
| BEAM ANGLE          | 60 °                          | 60 °                          |
| COLOR TEMPERATURE   | 2700 - 4000 - 6500 K          | 2700 - 4000 - 6500 K          |
| BODY COLOR          | white \ Black \ gray          | white \ Black \ gray          |
| DIMENSIONS          | Ø 60 x H 240 x L 100          | Ø 60 x H 240 x L 100          |
| BODY MATERIAL       | Die Cast Aluminium            | Die Cast Aluminium            |
| REFLECTOR           | OPAL DIFFUSER                 | OPAL DIFFUSER                 |
| LIFE TIME           | 30.000 - 50,000 hours         | 30.000 - 50,000 hours         |

**Notes:** All components can be customized.

## WARRANTY

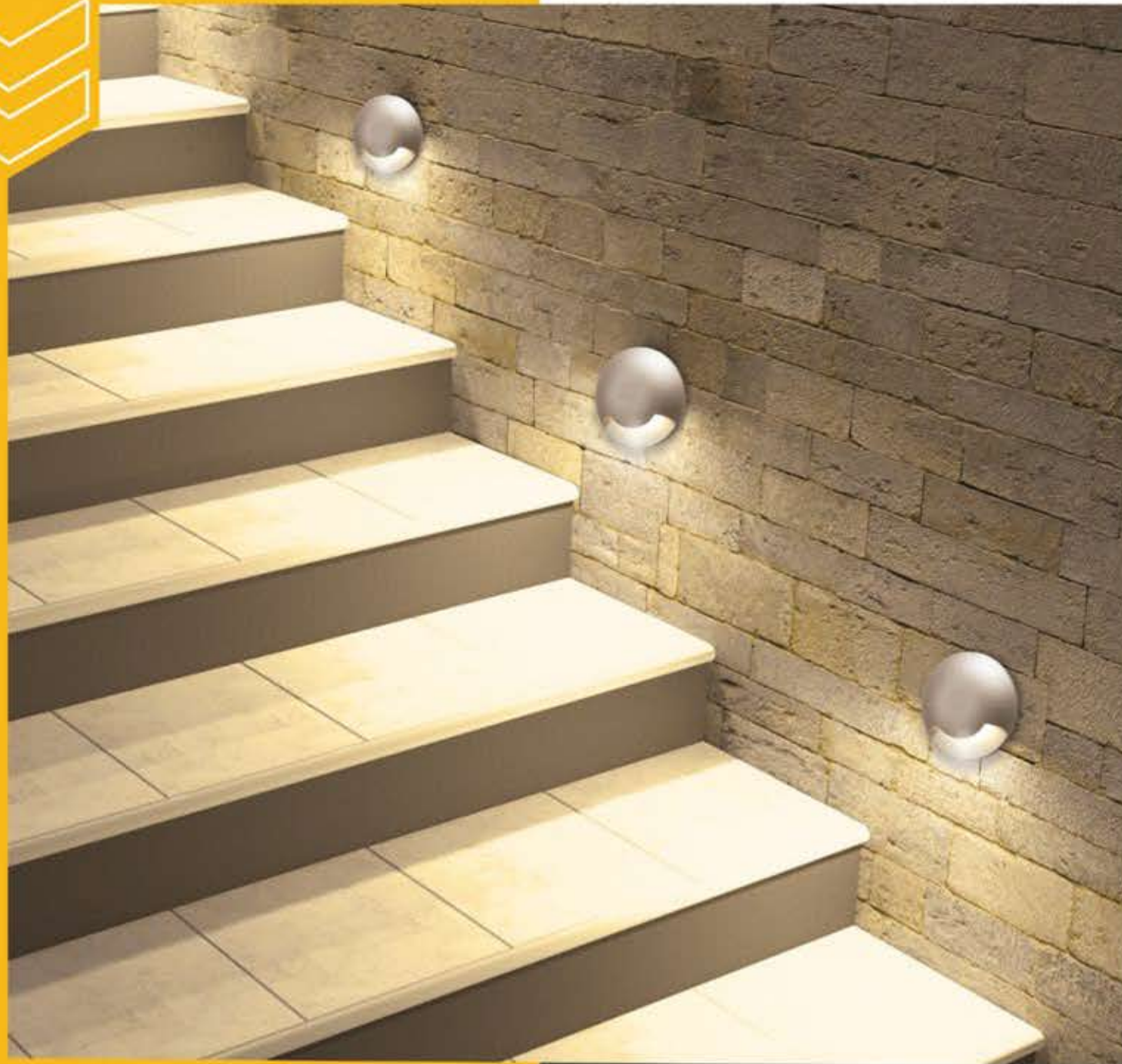
3 - 5 YEARS

## PRODUCT BENEFITS :

- Variable use at Direct Current and Alternating Current.
- Good all-around Light Emission.
- Ideal for Decorative and Free-burning Applications.
- Long Life Time of up to 30,000 H.



# LED WALK OVER LIGHT



## FEATURES :

- LED alternative to conventional lamps.
- Contains no mercury or other hazardous Substances.
- No filaments or glass components.
- Full cut-off with no wasted light above the fixture.

## APPLICATION :

Showrooms \ Universities  
Schools \ Offices \ Banks  
Trees, Home \ Restaurants



## DATA SHEET

| ITEM NO.            | EMR - 3 XTWOL                |
|---------------------|------------------------------|
| RATED WATTAGE       | 3W,6W                        |
| DRIVER              | PHILIPS\OSRAM\ZH\EMR         |
| CHIPS               | PHILIPS\OSRAM\SAN'AN\EPISTAR |
| INPUT VOLTAGE       | AC 220V                      |
| OPERATING FREQUENCY | 50-60 Hz                     |
| POWER FACTOR        | > 0.5 - 0.95                 |
| LUMINOUS            | 100 -135 Lm\W                |
| PROTECTION GRADE    | IP 65                        |
| BEAM ANGLE          | 18 °                         |
| COLOR TEMPERATURE   | 2700 - 4000 - 6500 K         |
| BODY COLOR          | white \ Black \ gray         |
| DIMENSIONS          | H 30 x Ø 95 mm               |
| BODY MATERIAL       | Stainless steel              |
| REFLECTOR           | OPAL DIFFUSER                |
| LIFE TIME           | 30.000 - 50,000 hours        |

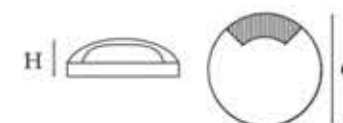
**Notes:** All components can be customized.

## WARRANTY

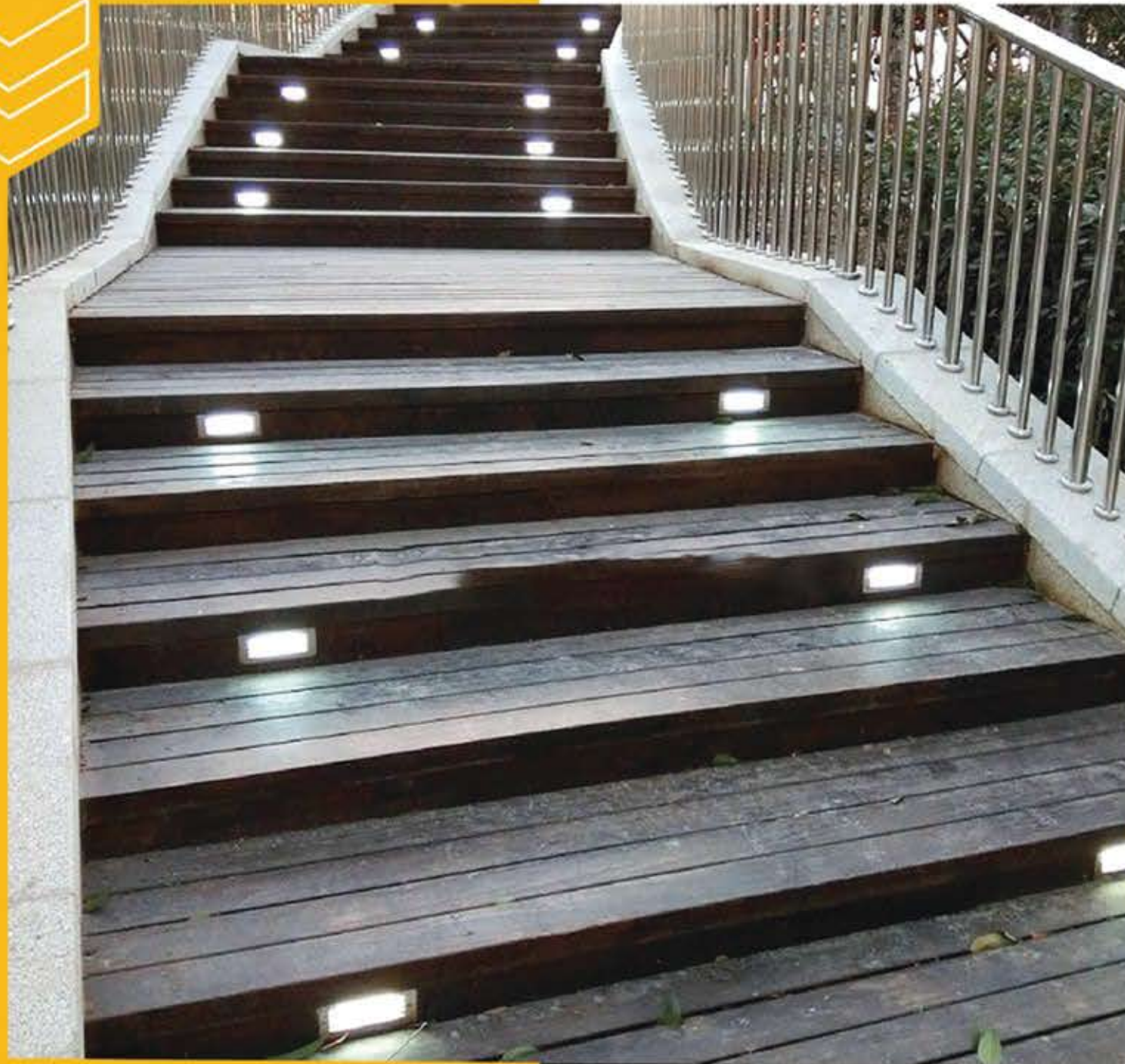
3 - 5 YEARS

## PRODUCT BENEFITS :

- Variable use at Direct Current and Alternating Current.
- Good all-around Light Emission.
- Ideal for Decorative and Free-burning Applications.
- Long Life Time of up to 30.000 H.



# RECESSED STEP LIGHT



### FEATURES :

- LED alternative to conventional lamps.
- Contains no mercury or other hazardous Substances.
- No filaments or glass components.
- Full cut-off with no wasted light above the fixture.

### APPLICATION :

Showrooms \ Universities  
Schools\Offices\Walk ways  
Landscape\ Restaurants



## DATA SHEET

| ITEM NO.            | EMR-03 STL  |
|---------------------|---|
| RATED WATTAGE       | 3W,6W,9W  |
| DRIVER              | PHILIPS\OSRAM\<br>ZH\EMR                                      |
| CHIPS               | PHILIPS\OSRAM\<br>SAN'AN\EPISTAR                              |
| INPUT VOLTAGE       | AC 220V   |
| OPERATING FREQUENCY | 50-60 Hz  |
| POWER FACTOR        | > 0.5 - 0.95  |
| LUMINOUS            | 100 -135 Lm\W   |
| PROTECTION GRADE    | IP 65   |
| BEAM ANGLE          | Diffuse   |
| COLOR TEMPERATURE   | 2700 - 4000 - 6500 K  |
| BODY COLOR          | Silver  |
| DIMENSIONS          | L170xW70 x H60 mm   |
| BODY MATERIAL       | die-cast aluminium<br>with black box made<br>of polycarbonate |
| REFLECTOR           | OPAL DIFFUSER   |
| LIFE TIME           | 30.000 - 50,000 hours   |

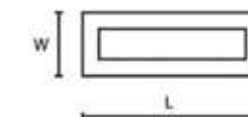
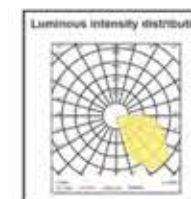
**Notes:** All components can be customized.

### WARRANTY

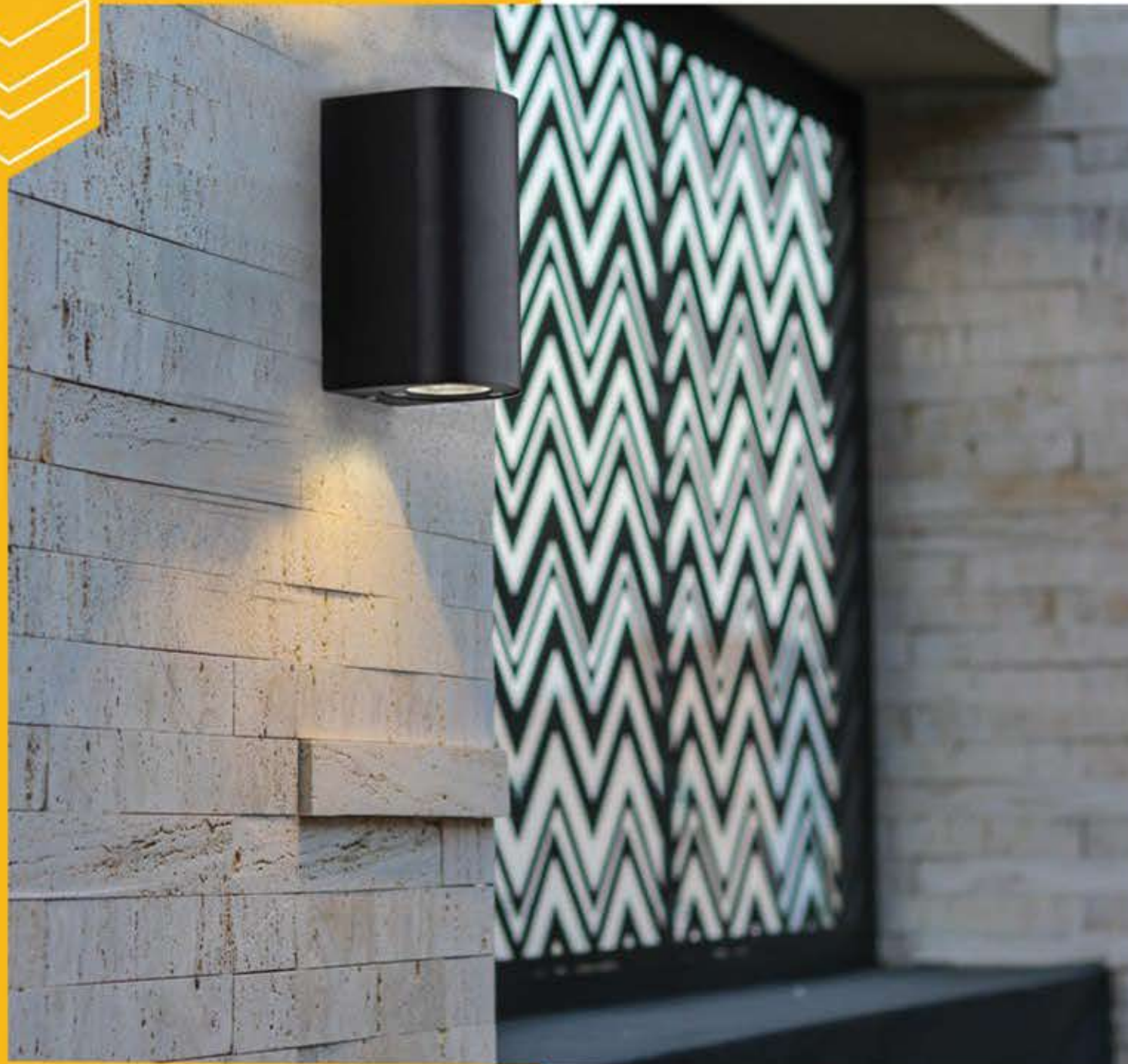
3 - 5 YEARS

### PRODUCT BENEFITS :

- Variable use at Direct Current and Alternating Current.
- Good all-around Light Emission.
- Ideal for Decorative and Free-burning Applications.
- Long Life Time of up to 30,000 H.



# UP & DOWN LIGHT



### FEATURES :

- LED alternative to conventional lamps.
- Contains no mercury or other hazardous Substances.
- No filaments or glass components.
- Full cut-off with no wasted light above the fixture.

### APPLICATION :

Showrooms \ Universities  
Schools \ Offices \ Banks  
Factories \ Restaurants



## DATA SHEET

| ITEM NO.            | EMR - 05 UD<br>COB 9mm           | EMR - 07 UD<br>COB 9mm           |
|---------------------|----------------------------------|----------------------------------|
| RATED WATTAGE       | 2x5W                             | 2x7W                             |
| DRIVER              | PHILIPS\OSRAM\ZH\EMR             | PHILIPS\OSRAM\ZH\EMR             |
| CHIPS               | PHILIPS\OSRAM\SAN'AN\<br>EPISTAR | PHILIPS\OSRAM\SAN'AN\<br>EPISTAR |
| INPUT VOLTAGE       | AC 220V                          | AC 220V                          |
| OPERATING FREQUENCY | 50-60 Hz                         | 50-60 Hz                         |
| POWER FACTOR        | > 0.5 - 0.95                     | > 0.5 - 0.95                     |
| LUMINOUS            | 100 -135 Lm\W                    | 100 -135 Lm\W                    |
| PROTECTION GRADE    | IP 65                            | IP 65                            |
| BEAM ANGLE          | 30 °                             | 30 °                             |
| COLOR TEMPERATURE   | 2700 - 4000 - 6500 K             | 2700 - 4000 - 6500 K             |
| BODY COLOR          | white \ Black \ gray             | white \ Black \ gray             |
| DIMENSIONS          | W 70 x L 90 x H 155 mm           | W 70 x L 90 x H 155 mm           |
| BODY MATERIAL       | Die-cast aluminium               | Die-cast aluminium               |
| REFLECTOR           | OPAL DIFFUSER                    | OPAL DIFFUSER                    |
| LIFE TIME           | 30.000 - 50,000 hours            | 30.000 - 50,000 hours            |

**Notes:** All components can be customized.

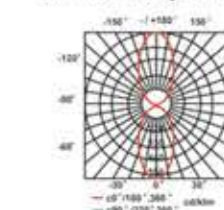
### WARRANTY

3 - 5 YEARS

### PRODUCT BENEFITS :

- Variable use at Direct Current and Alternating Current.
- Good all-around Light Emission.
- Ideal for Decorative and Free-burning Applications.
- Long Life Time of up to 30.000 H.

Luminous intensity distribution



# UP & DOWN LIGHT



### FEATURES :

- LED alternative to conventional lamps.
- Contains no mercury or other hazardous Substances.
- No filaments or glass components.
- Full cut-off with no wasted light above the fixture.

### APPLICATION :

Showrooms \ Universities  
Schools \ Offices \ Banks  
Factories \ Restaurants



## DATA SHEET

| ITEM NO.            | EMR - 08 UD<br>COB 9mm              | EMR - 09 UD<br>COB 9mm              |
|---------------------|-------------------------------------|-------------------------------------|
| RATED WATTAGE       | 2x5W                                | 2x7W                                |
| DRIVER              | PHILIPS\OSRAM\ZH\EMR                | PHILIPS\OSRAM\ZH\EMR                |
| CHIPS               | PHILIPS\OSRAM\SAN'AN\<br>EPISTAR    | PHILIPS\OSRAM\SAN'AN\<br>EPISTAR    |
| INPUT VOLTAGE       | AC 220V                             | AC 220V                             |
| OPERATING FREQUENCY | 50-60 Hz                            | 50-60 Hz                            |
| POWER FACTOR        | > 0.5 - 0.95                        | > 0.5 - 0.95                        |
| LUMINOUS            | 100 -135 Lm\W                       | 100 -135 Lm\W                       |
| PROTECTION GRADE    | IP 65                               | IP 65                               |
| BEAM ANGLE          | 30 °                                | 30 °                                |
| COLOR TEMPERATURE   | 2700 - 4000 - 6500 K                | 2700 - 4000 - 6500 K                |
| BODY COLOR          | white \ Black \ gray                | white \ Black \ gray                |
| DIMENSIONS          | W 65 x L 90 x H 150 mm              | W 65 x L 90 x H 150 mm              |
| BODY MATERIAL       | Die-cast aluminium                  | Die-cast aluminium                  |
| REFLECTOR           | OPAL Lens/ Glass Lens<br>(optional) | OPAL Lens/ Glass Lens<br>(optional) |
| LIFE TIME           | 30.000 - 50,000 hours               | 30.000 - 50,000 hours               |

**Notes:** All components can be customized.

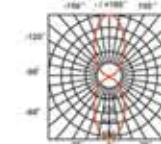
### WARRANTY

3 - 5 YEARS

### PRODUCT BENEFITS :

- Variable use at Direct Current and Alternating Current.
- Good all-around Light Emission.
- Ideal for Decorative and Free-burning Applications.
- Long Life Time of up to 30.000 H.

Luminous intensity distribution



# 2-Industrial Lighting



# LED HIGH BAY



### FEATURES :

- LED alternative to conventional lamps.
- Contains no mercury or other hazardous Substances.
- No filaments or glass components.
- Full cut-off with no wasted light above the fixture.

### APPLICATION :

Showrooms \ Universities  
 Schools \ Offices \ Banks  
 Factories \ Restaurants



## DATA SHEET

|                         |                                  |
|-------------------------|----------------------------------|
| <b>RATED WATTAGE</b>    | <b>100W,150W,200W,240W</b>       |
| DRIVER                  | PHILIPS\OSRAM\<br>ZH\EMR         |
| CHIPS                   | PHILIPS\OSRAM\<br>SAN'AN\EPISTAR |
| INPUT VOLTAGE           | AC 110 - 265V                    |
| OPERATING FREQUENCY     | 50-60 Hz                         |
| POWER FACTOR            | > 0.5 - 0.95                     |
| LUMINOUS                | 100 -135 Lm\W                    |
| PROTECTION GRADE        | IP 65                            |
| BEAM ANGLE              | 120                              |
| COLOR TEMPERATURE       | 2700-4000-6500 K                 |
| OVERVOLTAGE PROTECTION  | ✓                                |
| UNDERVOLTAGE PROTECTION | ✓                                |
| OVERCURRENT PROTECTION  | ✓                                |
| REFLECTOR               | OPAL DIFFUSER                    |
| SURGE PROTECTION        | 4.5 - 6 KV                       |
| LIFE TIME               | 30.000-50,000 H                  |

**Notes:** All components can be customized.

### WARRANTY

**5 - 10 YEARS**

### PRODUCT BENEFITS :

- Variable use at Direct Current and Alternating Current.
- Good all-around Light Emission.
- Ideal for Decorative and Free-burning Applications.
- Long Life Time of up to 30.000 H.



# LED HIGH BAY



### FEATURES :

- LED alternative to conventional lamps.
- Contains no mercury or other hazardous Substances.
- No filaments or glass components.
- Full cut-off with no wasted light above the fixture.

### APPLICATION :

Showrooms \ Universities  
 Schools \ Offices \ Banks  
 Factories \ Restaurants



## DATA SHEET

|                         |                                  |
|-------------------------|----------------------------------|
| <b>RATED WATTAGE</b>    | <b>100W,150W,200W</b>            |
| DRIVER                  | DOB                              |
| CHIPS                   | PHILIPS\OSRAM\<br>SAN'AN\EPISTAR |
| INPUT VOLTAGE           | AC 110 - 265V                    |
| OPERATING FREQUENCY     | 50-60 Hz                         |
| POWER FACTOR            | > 0.5 - 0.95                     |
| LUMINOUS                | 100 -135 Lm\W                    |
| PROTECTION GRADE        | IP 65                            |
| BEAM ANGLE              | 120                              |
| COLOR TEMPERATURE       | 2700-4000-6500 K                 |
| OVERVOLTAGE PROTECTION  | ✓                                |
| UNDERVOLTAGE PROTECTION | ✓                                |
| OVERCURRENT PROTECTION  | ✓                                |
| REFLECTOR               | OPAL DIFFUSER                    |
| SURGE PROTECTION        | 4.5 - 6 KV                       |
| LIFE TIME               | 30.000-50,000 H                  |

**Notes:** All components can be customized.

### WARRANTY

**3 YEARS**

### PRODUCT BENEFITS :

- Variable use at Direct Current and Alternating Current.
- Good all-around Light Emission.
- Ideal for Decorative and Free-burning Applications.
- Long Life Time of up to 30.000 H.



# LED PROOF STRIP



### FEATURES :

- LED alternative to conventional lamps.
- Contains no mercury or other hazardous Substances.
- No filaments or glass components.
- Full cut-off with no wasted light above the fixture.

### APPLICATION :

Showrooms \ Universities  
Schools \ Offices \ Banks  
Factories \ Restaurants



## DATA SHEET

| ITEM NO.            | EMR- 016 WP             |
|---------------------|-------------------------|
| RATED WATTAGE       | 20W                     |
| DRIVER              | PHILIPS / EMR           |
| CHIPS               | LUMILED-SAMSUNG / SANAN |
| INPUT VOLTAGE       | AC 110~240 V            |
| OPERATING FREQUENCY | 50-60 Hz                |
| POWER FACTOR        | > 0.5 - 0.95            |
| LUMINOUS            | 100 -135 Lm\W           |
| PROTECTION GRADE    | IP 65                   |
| BEAM ANGLE          | 110°                    |
| COLOR TEMPERATURE   | 2700 - 4000 - 6500 K    |
| BODY COLOR          | white \ Black \ gray    |
| DIMENSIONS          | L 600mm*W 56mm*H 54mm   |
| IK                  | 10                      |
| CRI                 | 80                      |
| LIFE TIME           | 30.000 - 50,000 hours   |
| Lenght              | 60 cm                   |

**Notes:** All components can be customized.

### WARRANTY

3 - 5 YEARS

### PRODUCT BENEFITS :

- Variable use at Direct Current and Alternating Current.
- Good all-around Light Emission.
- Ideal for Decorative and Free-bur-ing Applications.
- Long Life Time of up to 30.000 H.



# LED PROOF STRIP



### FEATURES :

- LED alternative to conventional lamps.
- Contains no mercury or other hazardous Substances.
- No filaments or glass components.
- Full cut-off with no wasted light above the fixture.

### APPLICATION :

Showrooms \ Universities  
Schools \ Offices \ Banks  
Factories \ Restaurants



## DATA SHEET

| ITEM NO.            | EMR- 016 WP             |
|---------------------|-------------------------|
| RATED WATTAGE       | 40W                     |
| DRIVER              | PHILIPS / EMR           |
| CHIPS               | LUMILED-SAMSUNG / SANAN |
| INPUT VOLTAGE       | AC 110~240 V            |
| OPERATING FREQUENCY | 50-60 Hz                |
| POWER FACTOR        | > 0.5 - 0.95            |
| LUMINOUS            | 100 -135 Lm\W           |
| PROTECTION GRADE    | IP 65                   |
| BEAM ANGLE          | 110°                    |
| COLOR TEMPERATURE   | 2700 - 4000 - 6500 K    |
| BODY COLOR          | white \ Black \ gray    |
| DIMENSIONS          | L 1200mm*W 56mm*H 54mm  |
| IK                  | 10                      |
| CRI                 | 80                      |
| LIFE TIME           | 30.000 - 50,000 hours   |
| Lenght              | 120 cm                  |

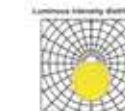
**Notes:** All components can be customized.

### WARRANTY

3 - 5 YEARS

### PRODUCT BENEFITS :

- Variable use at Direct Current and Alternating Current.
- Good all-around Light Emission.
- Ideal for Decorative and Free-bur-ing Applications.
- Long Life Time of up to 30.000 H.



# LED PROOF STRIP



### FEATURES :

- LED alternative to conventional lamps.
- Contains no mercury or other hazardous Substances.
- No filaments or glass components.
- Full cut-off with no wasted light above the fixture.

### APPLICATION :

Showrooms \ Universities  
Schools \ Offices \ Banks  
Factories \ Restaurants



## DATA SHEET

| ITEM NO.            | EMR- 016 WP             |
|---------------------|-------------------------|
| RATED WATTAGE       | 20W                     |
| DRIVER              | PHILIPS / EMR           |
| CHIPS               | LUMILED-SAMSUNG / SANAN |
| INPUT VOLTAGE       | AC 110~240 V            |
| OPERATING FREQUENCY | 50-60 Hz                |
| POWER FACTOR        | > 0.5 - 0.95            |
| LUMINOUS            | 100 -135 Lm\W           |
| PROTECTION GRADE    | IP 65                   |
| BEAM ANGLE          | 110°                    |
| COLOR TEMPERATURE   | 2700 - 4000 - 6500 K    |
| BODY COLOR          | white \ Black \ gray    |
| DIMENSIONS          | L 600mm*W 95mm*H 80mm   |
| IK                  | 10                      |
| CRI                 | 80                      |
| LIFE TIME           | 30.000 - 50,000 hours   |
| Lenght              | 60 cm                   |

**Notes:** All components can be customized.

### WARRANTY

3 - 5 YEARS

### PRODUCT BENEFITS :

- Variable use at Direct Current and Alternating Current.
- Good all-around Light Emission.
- Ideal for Decorative and Free-bur-ing Applications.
- Long Life Time of up to 30.000 H.



# LED PROOF STRIP

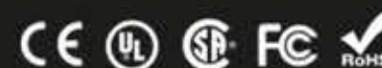


### FEATURES :

- LED alternative to conventional lamps.
- Contains no mercury or other hazardous Substances.
- No filaments or glass components.
- Full cut-off with no wasted light above the fixture.

### APPLICATION :

Showrooms \ Universities  
Schools \ Offices \ Banks  
Factories \ Restaurants



## DATA SHEET

| ITEM NO.            | EMR- 016 WP             |
|---------------------|-------------------------|
| RATED WATTAGE       | 40W                     |
| DRIVER              | PHILIPS / EMR           |
| CHIPS               | LUMILED-SAMSUNG / SANAN |
| INPUT VOLTAGE       | AC 110~240 V            |
| OPERATING FREQUENCY | 50-60 Hz                |
| POWER FACTOR        | > 0.5 - 0.95            |
| LUMINOUS            | 100 -135 Lm\W           |
| PROTECTION GRADE    | IP 65                   |
| BEAM ANGLE          | 110°                    |
| COLOR TEMPERATURE   | 2700 - 4000 - 6500 K    |
| BODY COLOR          | white \ Black \ gray    |
| DIMENSIONS          | L 1200mm*W 95mm*H 80mm  |
| IK                  | 10                      |
| CRI                 | 80                      |
| LIFE TIME           | 30.000 - 50,000 hours   |
| Lenght              | 120 cm                  |

**Notes:** All components can be customized.

### WARRANTY

3 - 5 YEARS

### PRODUCT BENEFITS :

- Variable use at Direct Current and Alternating Current.
- Good all-around Light Emission.
- Ideal for Decorative and Free-bur-ing Applications.
- Long Life Time of up to 30.000 H.



# LED PROOF STRIP



### FEATURES :

- LED alternative to conventional lamps.
- Contains no mercury or other hazardous Substances.
- No filaments or glass components.
- Full cut-off with no wasted light above the fixture.

### APPLICATION :

Showrooms \ Universities  
 Schools \ Offices \ Banks  
 Factories \ Restaurants



## DATA SHEET

| ITEM NO.            | EMR- 016 WP            |
|---------------------|------------------------|
| RATED WATTAGE       | 18W                    |
| DRIVER              | T8                     |
| CHIPS               | SAMSUNG                |
| INPUT VOLTAGE       | AC 110~240 V           |
| OPERATING FREQUENCY | 50-60 Hz               |
| POWER FACTOR        | > 0.5 - 0.95           |
| LUMINOUS            | 100 -135 Lm\W          |
| PROTECTION GRADE    | IP 65                  |
| BEAM ANGLE          | 110°                   |
| COLOR TEMPERATURE   | 2700 - 4000 - 6500 K   |
| BODY COLOR          | white \ Black \ gray   |
| DIMENSIONS          | L 655mm*W 125mm*H 83mm |
| IK                  | 10                     |
| CRI                 | 80                     |
| LIFE TIME           | 30.000 - 50,000 hours  |
| Lenght              | 2*60 cm                |

**Notes:** All components can be customized.

### WARRANTY

3 - 5 YEARS

### PRODUCT BENEFITS :

- Variable use at Direct Current and Alternating Current.
- Good all-around Light Emission.
- Ideal for Decorative and Free-burning Applications.
- Long Life Time of up to 30.000 H.



# LED PROOF STRIP



### FEATURES :

- LED alternative to conventional lamps.
- Contains no mercury or other hazardous Substances.
- No filaments or glass components.
- Full cut-off with no wasted light above the fixture.

### APPLICATION :

Showrooms \ Universities  
 Schools \ Offices \ Banks  
 Factories \ Restaurants



## DATA SHEET

| ITEM NO.            | EMR- 016 WP             |
|---------------------|-------------------------|
| RATED WATTAGE       | 36W                     |
| DRIVER              | T8                      |
| CHIPS               | SAMSUNG                 |
| INPUT VOLTAGE       | AC 110~240 V            |
| OPERATING FREQUENCY | 50-60 Hz                |
| POWER FACTOR        | > 0.5 - 0.95            |
| LUMINOUS            | 100 -135 Lm\W           |
| PROTECTION GRADE    | IP 65                   |
| BEAM ANGLE          | 110°                    |
| COLOR TEMPERATURE   | 2700 - 4000 - 6500 K    |
| BODY COLOR          | white \ Black \ gray    |
| DIMENSIONS          | L 1265mm*W 125mm*H 83mm |
| IK                  | 10                      |
| CRI                 | 80                      |
| LIFE TIME           | 30.000 - 50,000 hours   |
| Lenght              | 2*120 cm                |

**Notes:** All components can be customized.

### WARRANTY

3 - 5 YEARS

### PRODUCT BENEFITS :

- Variable use at Direct Current and Alternating Current.
- Good all-around Light Emission.
- Ideal for Decorative and Free-burning Applications.
- Long Life Time of up to 30.000 H.



# 3-Indoor Lighting



# BACKLIT PANEL



### FEATURES :

- LED alternative to conventional lamps.
- Contains no mercury or other hazardous Substances.
- No filaments or glass components.
- Full cut-off with no wasted light above the fixture.

### APPLICATION :

Showrooms \ Universities  
Schools \ Offices \ Banks  
Factories \ Restaurants



### DATA SHEET

|                         |                               |
|-------------------------|-------------------------------|
| <b>RATED WATTAGE</b>    | <b>42W (60X60 cm) BACKLIT</b> |
| ITEM                    | 595*595                       |
| DRIVER                  | PHILIPS\OSRAM\ZH/ EMR/LIFUD   |
| CHIPS                   | PHILIPS\OSRAM\SAN'AN\ EPISTAR |
| INPUT VOLTAGE           | AC 110 - 265V                 |
| OPERATING FREQUENCY     | 50-60 Hz                      |
| POWER FACTOR            | > 0.5 - 0.95                  |
| LUMINOUS                | 100 -135 Lm\W                 |
| PROTECTION GRADE        | IP 22 \42\ 65                 |
| BEAM ANGLE              | 120°                          |
| COLOR TEMPERATURE       | 2700 - 4000 - 6500 K          |
| OVERVOLTAGE PROTECTION  | ✓                             |
| UNDERVOLTAGE PROTECTION | ✓                             |
| OVERCURRENT PROTECTION  | ✓                             |
| REFLECTOR               | OPAL DIFFUSER                 |
| LIFE TIME               | 30.000 - 50,000 hours         |

**Notes:** All components can be customized.

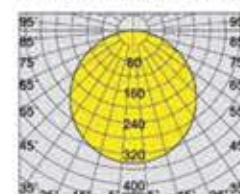
### WARRANTY

**5 YEARS**

### PRODUCT BENEFITS :

- Variable use at Direct Current and Alternating Current.
- Good all-around Light Emission.
- Ideal for Decorative and Free-burning Applications.
- Long Life Time of up to 30.000 H.

Luminous intensity distribution



# BACKLIT PANEL



## FEATURES :

- LED alternative to conventional lamps.
- Contains no mercury or other hazardous Substances.
- No filaments or glass components.
- Full cut-off with no wasted light above the fixture.

## APPLICATION :

Showrooms \ Universities  
Schools \ Offices \ Banks  
Factories \ Restaurants



## DATA SHEET

| RATED WATTAGE           | 48W (60X60 cm) BACKLIT        |
|-------------------------|-------------------------------|
| ITEM                    | EMR - 6060 BL                 |
| DRIVER                  | 300mA - 600mA                 |
| CHIPS                   | PHILIPS\OSRAM\SAN'AN\ EPISTAR |
| INPUT VOLTAGE           | AC 110 - 265V                 |
| OPERATING FREQUENCY     | 50-60 Hz                      |
| POWER FACTOR            | > 0.5 - 0.95                  |
| LUMINOUS                | 100 -135 Lm\W                 |
| PROTECTION GRADE        | IP 22 \42\ 65                 |
| BEAM ANGLE              | 120°                          |
| COLOR TEMPERATURE       | 2700 - 4000 - 6500 K          |
| OVERVOLTAGE PROTECTION  | ✓                             |
| UNDERVOLTAGE PROTECTION | ✓                             |
| OVERCURRENT PROTECTION  | ✓                             |
| REFLECTOR               | OPAL DIFFUSER                 |
| LIFE TIME               | 30.000 - 50,000 hours         |

**Notes:** All components can be customized.

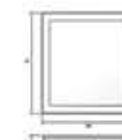
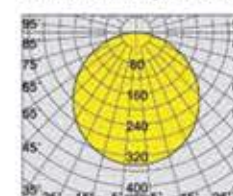
## WARRANTY

**3 YEARS**

### PRODUCT BENEFITS :

- Variable use at Direct Current and Alternating Current.
- Good all-around Light Emission.
- Ideal for Decorative and Free-burning Applications.
- Long Life Time of up to 30.000 H.

Luminous intensity distribution



# LED LINEAR LIGHT



## FEATURES :

- LED alternative to conventional lamps.
- Contains no mercury or other hazardous Substances.
- No filaments or glass components.
- Full cut-off with no wasted light above the fixture.

## APPLICATION :

Showrooms \ Universities  
Schools \ Offices \ Banks  
Factories \ Restaurants



## DATA SHEET

| ITEM NO.            | EMR - 7 LL                   |
|---------------------|------------------------------|
| RATED WATTAGE       | 36 W                         |
| DRIVER              | PHILIPS\OSRAM\ZH\EMR         |
| CHIPS               | PHILIPS\OSRAM\SAN'AN\EPISTAR |
| INPUT VOLTAGE       | AC 110 - 240V                |
| OPERATING FREQUENCY | 50-60 Hz                     |
| POWER FACTOR        | > 0.5 - 0.95                 |
| LUMINOUS            | 100 - 135 Lm/W               |
| PROTECTION GRADE    | IP 65                        |
| BEAM ANGLE          | 120°                         |
| COLOR TEMPERATURE   | 2700 - 4000 - 6500 K         |
| BODY COLOR          | white \ Black \ gray         |
| DIMENSIONS          | 121 Cm                       |
| BODY MATERIAL       | Aluminum With Plastic        |
| REFLECTOR           | OPAL DIFFUSER                |
| LIFE TIME           | 30.000 - 50,000 hours        |

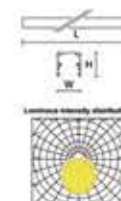
**Notes:** All components can be customized.

## WARRANTY

3 - 5 YEARS

### PRODUCT BENEFITS :

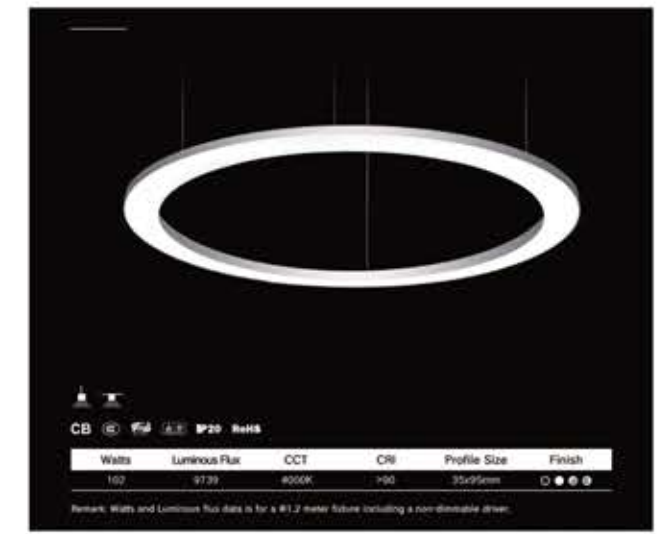
- Variable use at Direct Current and Alternating Current.
- Good all-around Light Emission.
- Ideal for Decorative and Free-burning Applications.
- Long Life Time of up to 30,000 H.



# LED LINEAR LIGHT



## DATA SHEET



**Notes:** All components can be customized.

**WARRANTY**

**3 - 5 YEARS**

### FEATURES :

- LED alternative to conventional lamps.
- Contains no mercury or other hazardous Substances.
- No filaments or glass components.
- Full cut-off with no wasted light above the fixture.

### APPLICATION :

Showrooms \ Universities  
Schools \ Offices \ Banks  
Factories \ Restaurants



### PRODUCT BENEFITS :

- Variable use at Direct Current and Alternating Current.
- Good all-around Light Emission.
- Ideal for Decorative and Free-burning Applications.
- Long Life Time of up to 30.000 H.



# LED LINEAR LIGHT



### FEATURES :

- LED alternative to conventional lamps.
- Contains no mercury or other hazardous Substances.
- No filaments or glass components.
- Full cut-off with no wasted light above the fixture.

### APPLICATION :

Showrooms \ Universities  
 Schools \ Offices \ Banks  
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## DATA SHEET

08 LPL1M

LPLR1M

LPL1MID

09

CB RoHS IK08

| Model   | Watts | Luminous Flux | CCT   | CRI  | Profile Size | Finish    |
|---------|-------|---------------|-------|------|--------------|-----------|
| LPL1M   | 76    | 6798          | 4000K | > 90 | 26x34mm      | ○ ● ● ● ● |
| LPLR1M  | 76    | 6798          | 4000K | > 90 | 36x27mm      | ○ ● ● ● ● |
| LPL1MID | 177   | 12960         | 4000K | > 90 | 29x45mm      | ○ ● ● ● ● |

Remark: Watts and Luminous flux data is for a Φ1.2 meter fixture including a non-dimmable driver.

**Notes:** All components can be customized.

### WARRANTY

3 - 5 YEARS

### PRODUCT BENEFITS :

- Variable use at Direct Current and Alternating Current.
- Good all-around Light Emission.
- Ideal for Decorative and Free-burning Applications.
- Long Life Time of up to 30,000 H.



# LED PROFILE LIGHT



### FEATURES :

- LED alternative to conventional lamps.
- Contains no mercury or other hazardous Substances.
- No filaments or glass components.
- Full cut-off with no wasted light above the fixture.

### APPLICATION :

Showrooms \ Universities  
Schools \ Offices \ Banks  
Factories \ Restaurants



## DATA SHEET

| ITEM NO.            | EMR - 30 TL                  |
|---------------------|------------------------------|
| RATED WATTAGE       | 30 W                         |
| DRIVER              | PHILIPS\OSRAM\ZH\EMR         |
| CHIPS               | PHILIPS\OSRAM\SAN'AN\EPISTAR |
| INPUT VOLTAGE       | AC 110 - 227V                |
| OPERATING FREQUENCY | 50-60 Hz                     |
| POWER FACTOR        | > 0.5 - 0.95                 |
| LUMINOUS            | 100 -135 Lm\Meter            |
| PROTECTION GRADE    | IP 65                        |
| BEAM ANGLE          | Diffuse                      |
| COLOR TEMPERATURE   | 2700 - 4000 - 6500 K         |
| BODY COLOR          | white \ Black \ gray         |
| DIMENSIONS          | 300 Cm                       |
| BODY MATERIAL       | Aluminum With Plastic        |
| REFLECTOR           | OPAL DIFFUSER                |
| LIFE TIME           | 30.000 - 50,000 hours        |

**Notes:** All components can be customized.

## WARRANTY

**3 - 5 YEARS**

### PRODUCT BENEFITS :

- Variable use at Direct Current and Alternating Current.
- Good all-around Light Emission.
- Ideal for Decorative and Free-burning Applications.
- Long Life Time of up to 30.000 H.



# LED STRIP LIGHT



### FEATURES :

- LED alternative to conventional lamps.
- Contains no mercury or other hazardous Substances.
- No filaments or glass components.
- Full cut-off with no wasted light above the fixture.

### APPLICATION :

Showrooms \ Universities  
Schools \ Offices \ Banks  
Factories \ Restaurants



## DATA SHEET

| ITEM NO.            | EMR - 2835 LS11              |
|---------------------|------------------------------|
| RATED WATTAGE       | 7W,9W,14W                    |
| DRIVER              | PHILIPS\OSRAM\ZH\EMR         |
| CHIPS               | PHILIPS\OSRAM\SAN'AN\EPISTAR |
| INPUT VOLTAGE       | AC 110 - 227V                |
| OPERATING FREQUENCY | 50-60 Hz                     |
| POWER FACTOR        | > 0.5 - 0.95                 |
| LUMINOUS            | 100 -135 Lm\Meter            |
| PROTECTION GRADE    | IP 65                        |
| BEAM ANGLE          | 120                          |
| COLOR TEMPERATURE   | 2700 - 4000 - 6500 K         |
| CUTTING LENGETH     | 20 cm                        |
| LEDs\m              | 180 L                        |
| PCB Width           | 13 mm                        |
| REFLECTOR           | OPAL DIFFUSER                |
| LIFE TIME           | 30,000 - 50,000 hours        |

**Notes:** All components can be customized.

### WARRANTY

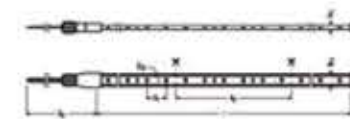
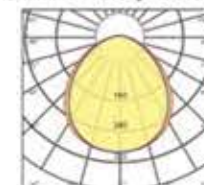
**3 - 5 YEARS**

### PRODUCT BENEFITS :

- Variable use at Direct Current and Alternating Current.
- Good all-around Light Emission.
- Ideal for Decorative and Free-bur-ing Applications.
- Long Life Time of up to 30.000 H.



Luminous intensity distribution



# LED STRIP LIGHT



### FEATURES :

- LED alternative to conventional lamps.
- Contains no mercury or other hazardous Substances.
- No filaments or glass components.
- Full cut-off with no wasted light above the fixture.

### APPLICATION :

Showrooms \ Universities  
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### DATA SHEET

| ITEM NO.            | EMR-120D,180D                |
|---------------------|------------------------------|
| TYPE                | wire less                    |
| DRIVER              | PHILIPS\OSRAM\ZH\EMR         |
| CHIPS               | PHILIPS\OSRAM\SAN'AN\EPISTAR |
| INPUT VOLTAGE       | AC 110 - 227V                |
| OPERATING FREQUENCY | 50-60 Hz                     |
| POWER FACTOR        | > 0.5 - 0.95                 |
| LUMINOUS            | 100 -135 Lm\m                |
| PROTECTION GRADE    | IP 65                        |
| BEAM ANGLE          | 120                          |
| COLOR TEMPERATURE   | White-Warm-pink-(Optional)   |
| CUTTING LENGETH     | 20 cm                        |
| LEDs\m              | 120L,180L                    |
| REEL (M)            | 100 M                        |
| REFLECTOR           | OPAL DIFFUSER                |
| LIFE TIME           | 30,000-50,000 H              |

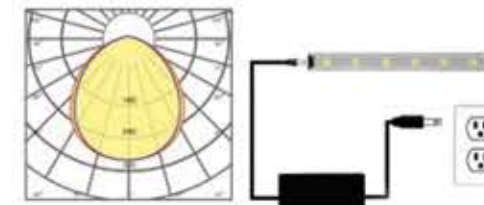
**Notes:** All components can be customized.

### WARRANTY

3 - 5 YEARS

### PRODUCT BENEFITS :

- Variable use at Direct Current and Alternating Current.
- Good all-around Light Emission.
- Ideal for Decorative and Free-bur-ing Applications.
- Long Life Time of up to 30.000 H.



# RECESSED DOWN LIGHT



### FEATURES :

- LED alternative to conventional lamps.
- Contains no mercury or other hazardous Substances.
- No filaments or glass components.
- Full cut-off with no wasted light above the fixture.

### APPLICATION :

Showrooms \ Universities  
Schools \ Offices \ Banks  
Factories \ Restaurants



## DATA SHEET

| ITEM NO.            | EMR - 201 COB                |
|---------------------|------------------------------|
| RATED WATTAGE       | 5W,7W,12,15W                 |
| DRIVER              | PHILIPS\OSRAM\ZH\EMR         |
| CHIPS               | PHILIPS\OSRAM\SAN'AN\EPISTAR |
| INPUT VOLTAGE       | AC 220V                      |
| OPERATING FREQUENCY | 50-60 Hz                     |
| POWER FACTOR        | > 0.5 - 0.95                 |
| LUMINOUS            | 100 -135 Lm\W                |
| PROTECTION GRADE    | IP 65                        |
| BEAM ANGLE          | 30 ° / 45 °                  |
| COLOR TEMPERATURE   | 2700 - 4000 - 6500 K         |
| BODY COLOR          | white \ Black \ gray         |
| DIMENSIONS          | Ø 107 x H 64 mm              |
| BODY MATERIAL       | Die-cast aluminium           |
| REFLECTOR           | OPAL DIFFUSER                |
| LIFE TIME           | 30.000 - 50,000 hours        |

**Notes:** All components can be customized.

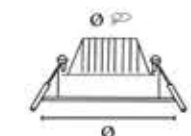
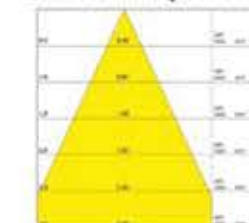
### WARRANTY

3 - 5 YEARS

### PRODUCT BENEFITS :

- Variable use at Direct Current and Alternating Current.
- Good all-around Light Emission.
- Ideal for Decorative and Free-burning Applications.
- Long Life Time of up to 30.000 H.

Luminous intensity distribution



# RECESSED DOWN LIGHT



## FEATURES :

- LED alternative to conventional lamps.
- Contains no mercury or other hazardous Substances.
- No filaments or glass components.
- Full cut-of with no wasted light above the fixture.

## APPLICATION :

Showrooms \ Universities  
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Factories \ Restaurants



## DATA SHEET

| ITEM NO.            | EMR-301 COB                      |
|---------------------|----------------------------------|
| RATED WATTAGE       | 5W,7W,12W,15W                    |
| DRIVER              | PHILIPS\OSRAM\<br>ZH\EMR         |
| CHIPS               | PHILIPS\OSRAM\<br>SAN'AN\EPISTAR |
| INPUT VOLTAGE       | AC 220V                          |
| OPERATING FREQUENCY | 50-60 Hz                         |
| POWER FACTOR        | > 0.5 - 0.95                     |
| LUMINOUS            | 100 -135 Lm\W                    |
| PROTECTION GRADE    | IP 65                            |
| BEAM ANGLE          | 27 °                             |
| COLOR TEMPERATURE   | 2700-4000-6500 K                 |
| BODY COLOR          | white\Black\ gray                |
| DIMENSIONS          | Ø 30 × H 24 mm                   |
| BODY MATERIAL       | Die-cast aluminium               |
| REFLECTOR           | OPAL DIFFUSER                    |
| LIFE TIME           | 30.000-50,000 H                  |

**Notes:** All components can be customized.

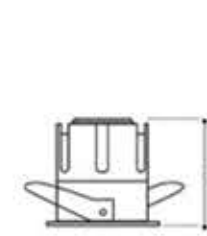
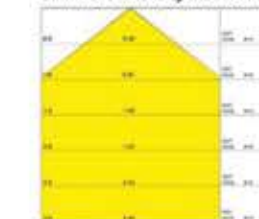
## WARRANTY

3 - 5 YEARS

## PRODUCT BENEFITS :

- Variable use at Direct Current and Alternating Current.
- Good all-around Light Emission.
- Ideal for Decorative and Free-burning Applications.
- Long Life Time of up to 30.000 H.

Luminous intensity distribution



cut out



# RECESSED DOWN LIGHT



### FEATURES :

- LED alternative to conventional lamps.
- Contains no mercury or other hazardous Substances.
- No filaments or glass components.
- Full cut-off with no wasted light above the fixture.

### APPLICATION :

Showrooms \ Universities  
Schools \ Offices \ Banks  
Factories \ Restaurants



## DATA SHEET

| ITEM NO.            | EMR - 201 COB                 | EMR - 202 COB                 |
|---------------------|-------------------------------|-------------------------------|
| RATED WATTAGE       | 7.2                           | 9.8                           |
| DRIVER              | PHILIPS\OSRAM\ZH\EMR          | PHILIPS\OSRAM\ZH\EMR          |
| CHIPS               | PHILIPS\OSRAM\SAN'AN\ EPISTAR | PHILIPS\OSRAM\SAN'AN\ EPISTAR |
| INPUT VOLTAGE       | AC 220V                       | AC 220V                       |
| OPERATING FREQUENCY | 50-60 Hz                      | 50-60 Hz                      |
| POWER FACTOR        | > 0.5 - 0.95                  | > 0.5 - 0.95                  |
| LUMINOUS            | 100 -135 Lm\W                 | 100 -135 Lm\W                 |
| PROTECTION GRADE    | IP 65                         | IP 65                         |
| BEAM ANGLE          | 30 ° / 45 °                   | 30 ° / 45 °                   |
| COLOR TEMPERATURE   | 2700 - 4000 - 6500 K          | 2700 - 4000 - 6500 K          |
| BODY COLOR          | white \ Black \ gray          | white \ Black \ gray          |
| DIMENSIONS          | Ø 107 x H 64 mm               | Ø 107 x H 64 mm               |
| BODY MATERIAL       | Die-cast aluminium            | Die-cast aluminium            |
| REFLECTOR           | OPAL DIFFUSER                 | OPAL DIFFUSER                 |
| LIFE TIME           | 30.000 - 50,000 hours         | 30.000 - 50,000 hours         |

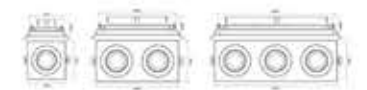
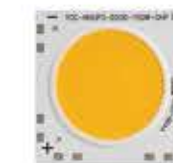
**Notes:** All components can be customized.

### WARRANTY

**3 - 5 YEARS**

### PRODUCT BENEFITS :

- Variable use at Direct Current and Alternating Current.
- Good all-around Light Emission.
- Ideal for Decorative and Free-bur-ing Applications.
- Long Life Time of up to 30.000 H.



# RECESSED DOWN LIGHT



### FEATURES :

- LED alternative to conventional lamps.
- Contains no mercury or other hazardous Substances.
- No filaments or glass components.
- Full cut-off with no wasted light above the fixture.

### APPLICATION :

Showrooms \ Universities  
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## DATA SHEET

| ITEM NO.            | EMR-077 SQP                  |
|---------------------|------------------------------|
| RATED WATTAGE       | 10W,15W,20W                  |
| DRIVER              | PHILIPS\OSRAM\ZH\EMR         |
| CHIPS               | PHILIPS\OSRAM\SAN'AN\EPISTAR |
| INPUT VOLTAGE       | AC 220V                      |
| OPERATING FREQUENCY | 50-60 Hz                     |
| POWER FACTOR        | > 0.5 - 0.95                 |
| LUMINOUS            | 100 -135 Lm\W                |
| PROTECTION GRADE    | IP 65                        |
| BEAM ANGLE          | Diffuse                      |
| COLOR TEMPERATURE   | 2700 - 4000 - 6500 K         |
| BODY COLOR          | white \ Black \ gray         |
| DIMENSIONS          | W 120 x L 120 x H 51mm       |
| BODY MATERIAL       | Die-cast aluminium           |
| REFLECTOR           | OPAL DIFFUSER                |
| LIFE TIME           | 30.000 - 50,000 hours        |

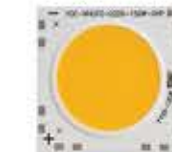
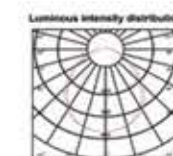
**Notes:** All components can be customized.

### WARRANTY

3 - 5 YEARS

### PRODUCT BENEFITS :

- Variable use at Direct Current and Alternating Current.
- Good all-around Light Emission.
- Ideal for Decorative and Free-burning Applications.
- Long Life Time of up to 30.000 H.



# SURFACE MOUNTED SPOT LIGHT

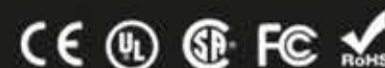


### FEATURES :

- LED alternative to conventional lamps.
- Contains no mercury or other hazardous Substances.
- No filaments or glass components.
- Full cut-off with no wasted light above the fixture.

### APPLICATION :

Showrooms \ Universities  
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## DATA SHEET

| ITEM NO.            | EMR-031 CYP5                 | EMR-032 CYP5                 | EMR-033 CYP5                 |
|---------------------|------------------------------|------------------------------|------------------------------|
| RATED WATTAGE       | 11 W - 17 W                  | 2x11 W - 2x17 W              | 3x11 W - 3x17 W              |
| DRIVER              | PHILIPS\OSRAM\ZH\EMR         | PHILIPS\OSRAM\ZH\EMR         | PHILIPS\OSRAM\ZH\EMR         |
| CHIPS               | PHILIPS\OSRAM\SAN'AN\EPISTAR | PHILIPS\OSRAM\SAN'AN\EPISTAR | PHILIPS\OSRAM\SAN'AN\EPISTAR |
| INPUT VOLTAGE       | AC 220V                      | AC 220V                      | AC 220V                      |
| OPERATING FREQUENCY | 50-60 Hz                     | 50-60 Hz                     | 50-60 Hz                     |
| POWER FACTOR        | > 0.5 - 0.95                 | > 0.5 - 0.95                 | > 0.5 - 0.95                 |
| LUMINOUS            | 100 -135 Lm\W                | 100 -135 Lm\W                | 100 -135 Lm\W                |
| PROTECTION GRADE    | IP 65                        | IP 65                        | IP 65                        |
| BEAM ANGLE          | 60 ° / 75 °                  | 60 ° / 75 °                  | 60 ° / 75 °                  |
| COLOR TEMPERATURE   | 2700 - 4000 - 6500 K         | 2700 - 4000 - 6500 K         | 2700 - 4000 - 6500 K         |
| BODY COLOR          | white \ Black \ gray         | white \ Black \ gray         | white \ Black \ gray         |
| DIMENSIONS          | L 130 x W 130 x H 100 mm     | L 250 x W 130 x H 100 mm     | L 365 x W 130 x H 100 mm     |
| BODY MATERIAL       | Die-cast aluminium           | Die-cast aluminium           | Die-cast aluminium           |
| REFLECTOR           | OPAL DIFFUSER                | OPAL DIFFUSER                | OPAL DIFFUSER                |
| LIFE TIME           | 30.000 - 50,000 hours        | 30.000 - 50,000 hours        | 30.000 - 50,000 hours        |

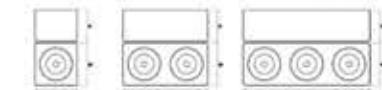
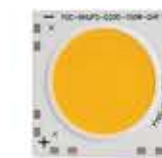
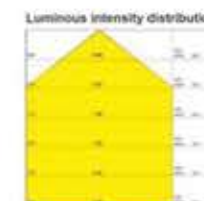
**Notes:** All components can be customized.

### WARRANTY

3 - 5 YEARS

### PRODUCT BENEFITS :

- Variable use at Direct Current and Alternating Current.
- Good all-around Light Emission.
- Ideal for Decorative and Free-burning Applications.
- Long Life Time of up to 30.000 H.



# SURFACE MOUNTED cylinder



## FEATURES :

- LED alternative to conventional lamps.
- Contains no mercury or other hazardous Substances.
- No filaments or glass components.
- Full cut-off with no wasted light above the fixture.

## APPLICATION :

Showrooms \ Universities  
Schools \ Offices \ Banks  
Factories \ Restaurants



## DATA SHEET

| ITEM NO.            | EMR-041 CYPT                 |
|---------------------|------------------------------|
| RATED WATTAGE       | 7W,12W,15W,20W               |
| DRIVER              | PHILIPS\OSRAM\ZH\EMR         |
| CHIPS               | PHILIPS\OSRAM\SAN'AN\EPISTAR |
| INPUT VOLTAGE       | AC 220V                      |
| OPERATING FREQUENCY | 50-60 Hz                     |
| POWER FACTOR        | > 0.5 - 0.95                 |
| LUMINOUS            | 100 -135 Lm\W                |
| PROTECTION GRADE    | IP 65                        |
| BEAM ANGLE          | 36 ° / 55 °                  |
| COLOR TEMPERATURE   | 2700 - 4000 - 6500 K         |
| BODY COLOR          | white \ Black \ gray         |
| DIMENSIONS          | Ø110 × H 145 mm              |
| BODY MATERIAL       | Die-cast aluminium           |
| REFLECTOR           | OPAL DIFFUSER                |
| LIFE TIME           | 30.000 - 50,000 hours        |

**Notes:** All components can be customized.

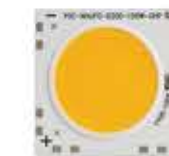
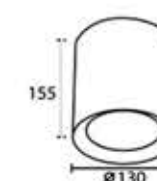
## WARRANTY

3 - 5 YEARS

### PRODUCT BENEFITS :

- Variable use at Direct Current and Alternating Current.
- Good all-around Light Emission.
- Ideal for Decorative and Free-bur-ing Applications.
- Long Life Time of up to 30,000 H.

Luminous Intensity distribution



# LED BULB LIGHT



### FEATURES :

- LED alternative to conventional lamps.
- Contains no mercury or other hazardous Substances.
- No filaments or glass components.
- Full cut-off with no wasted light above the fixture.

### APPLICATION :

Showrooms \ Universities  
 Schools \ Offices \ Banks  
 HOMES \ Restaurants



## DATA SHEET

### RATED WATTAGE

5W,9W,12W,15W

|                     |                   |
|---------------------|-------------------|
| ITEM                | 5W,9W,12W,15W     |
| DRIVER              | EMR               |
| CHIPS               | SAN'AN            |
| INPUT VOLTAGE       | AC 110 - 265V     |
| OPERATING FREQUENCY | 50-60 Hz          |
| POWER FACTOR        | > 0.5 - 0.95      |
| LUMINOUS            | 100 - 135 Lm/W    |
| PROTECTION GRADE    | IP 20             |
| BEAM ANGLE          | 230°              |
| COLOR TEMPERATURE   | 2700-4000-6500K   |
| POWER SVE           | 90%               |
| BASE                | E 27              |
| CRI                 | >80               |
| LIFE TIME           | 30.000 - 50,000 H |

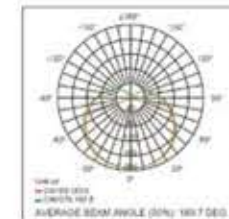
**Notes:** All components can be customized.

### WARRANTY

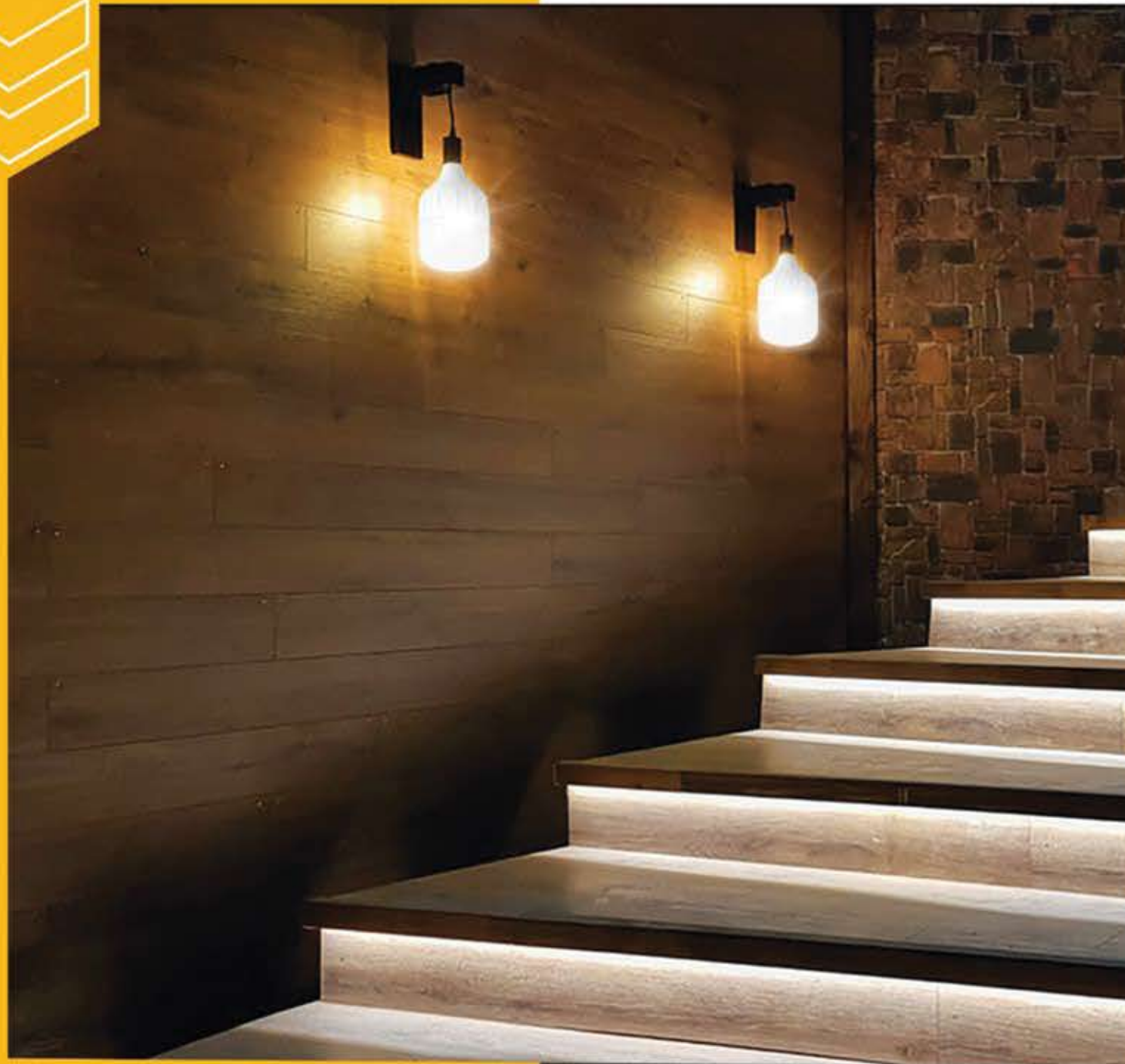
3 - 5 YEARS

#### PRODUCT BENEFITS :

- Variable use at Direct Current and Alternating Current.
- Good all-around Light Emission.
- Ideal for Decorative and Free-burning Applications.
- Long Life Time of up to 30,000 H.



# LED HIGH POWER LIGHT

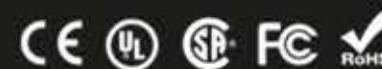


**FEATURES :**

- LED alternative to conventional lamps.
- Contains no mercury or other hazardous Substances.
- No filaments or glass components.
- Full cut-off with no wasted light above the fixture.

**APPLICATION :**

Showrooms \ Universities  
 Schools \ Offices \ Banks  
 HOMES \ Restaurants



**DATA SHEET**

| <b>RATED WATTAGE</b>       |                   |
|----------------------------|-------------------|
| <b>ITEM</b>                | 20W,30W,40W,50W   |
| <b>DRIVER</b>              | DOB               |
| <b>CHIPS</b>               | SAN'AN            |
| <b>INPUT VOLTAGE</b>       | AC 110 - 265V     |
| <b>OPERATING FREQUENCY</b> | 50-60 Hz          |
| <b>POWER FACTOR</b>        | > 0.5 - 0.95      |
| <b>LUMINOUS</b>            | 100 -135 Lm\W     |
| <b>PROTECTION GRADE</b>    | IP 65             |
| <b>BEAM ANGLE</b>          | 230°              |
| <b>COLOR TEMPERATURE</b>   | 2700-4000-6500K   |
| <b>POWER SVE</b>           | 90%               |
| <b>BASE</b>                | E 27              |
| <b>CRI</b>                 | >80               |
| <b>LIFE TIME</b>           | 30.000 - 50,000 H |

**Notes:** All components can be customized.

**WARRANTY**

**3 YEARS**

**PRODUCT BENEFITS :**

- Variable use at Direct Current and Alternating Current.
- Good all-around Light Emission.
- Ideal for Decorative and Free-burning Applications.
- Long Life Time of up to 30.000 H.



# LED CANDLE SERIES LIGHT



**FEATURES :**

- LED alternative to conventional lamps.
- Contains no mercury or other hazardous Substances.
- No filaments or glass components.
- Full cut-off with no wasted light above the fixture.

**APPLICATION :**

Showrooms \ Universities  
 Schools \ Offices \ Banks  
 HOMES \ Restaurants



**DATA SHEET**

|                      |                   |
|----------------------|-------------------|
| <b>RATED WATTAGE</b> | <b>5W,7W</b>      |
| ITEM                 | EMR-05 C37        |
| DRIVER               | EMR               |
| CHIPS                | SAN'AN            |
| INPUT VOLTAGE        | AC 110 - 265V     |
| OPERATING FREQUENCY  | 50-60 Hz          |
| POWER FACTOR         | > 0.5 - 0.95      |
| LUMINOUS             | 100 -135 Lm\W     |
| PROTECTION GRADE     | IP 20             |
| BEAM ANGLE           | 220°              |
| COLOR TEMPERATURE    | 2700-4000-6500K   |
| POWER SVE            | 90%               |
| BASE                 | E 14              |
| CRI                  | >80               |
| LIFE TIME            | 30.000 - 50,000 H |

**Notes:** All components can be customized.

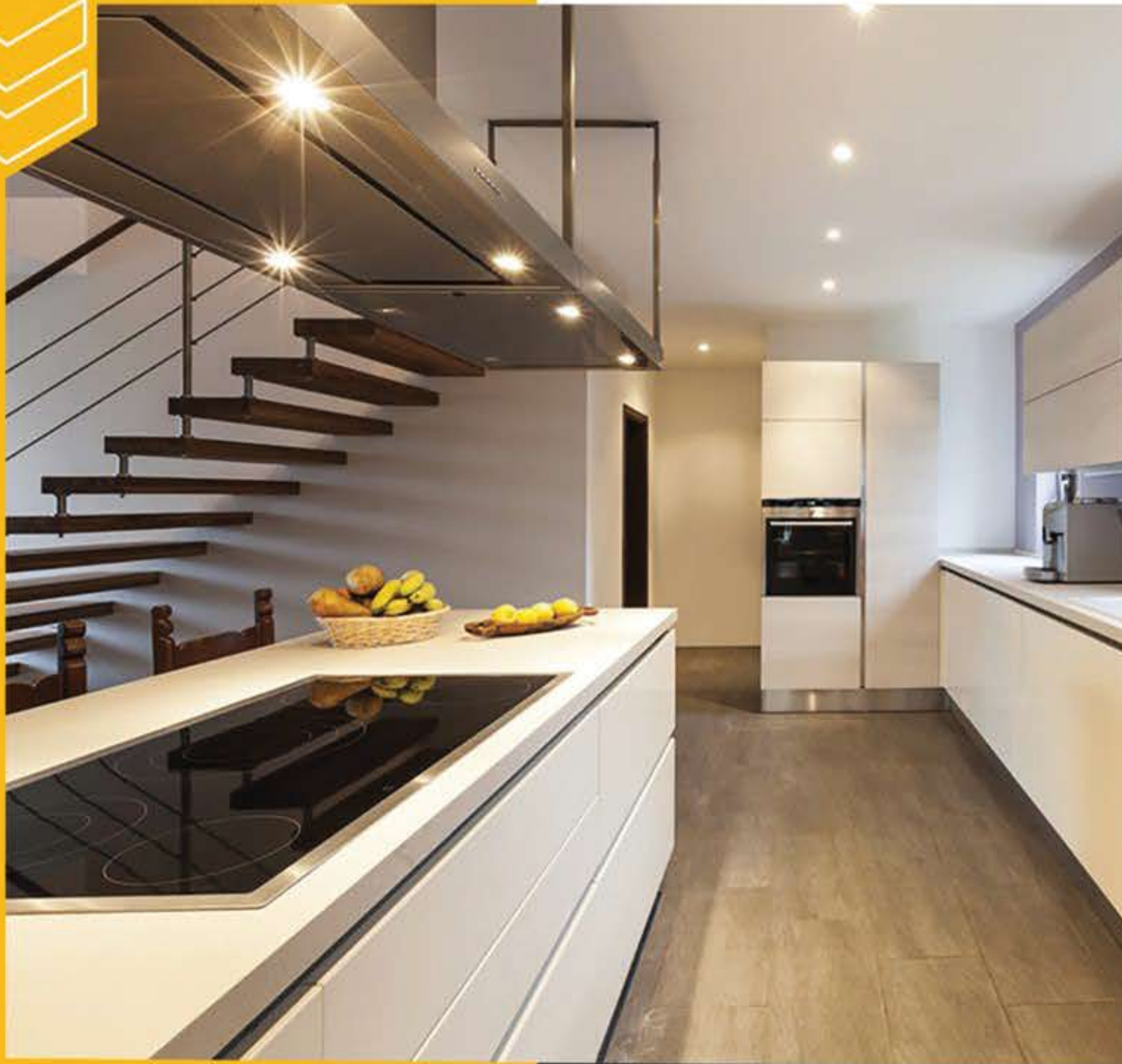
**WARRANTY** 3 - 5 YEARS

**PRODUCT BENEFITS :**

- Variable use at Direct Current and Alternating Current.
- Good all-around Light Emission.
- Ideal for Decorative and Free-burning Applications.
- Long Life Time of up to 30,000 H.



# LED MR 16 LIGHT



## FEATURES :

- LED alternative to conventional lamps.
- Contains no mercury or other hazardous Substances.
- No filaments or glass components.
- Full cut-off with no wasted light above the fixture.

## APPLICATION :

Showrooms \ Universities  
Schools \ Offices \ Banks  
HOMES \ Restaurants



## DATA SHEET

### RATED WATTAGE

5W,7W

|                     |                   |
|---------------------|-------------------|
| ITEM                | EMR-05 MR16       |
| DRIVER              | EMR               |
| CHIPS               | SAN'AN            |
| INPUT VOLTAGE       | AC 110 - 265V     |
| OPERATING FREQUENCY | 50-60 Hz          |
| POWER FACTOR        | > 0.5 - 0.95      |
| LUMINOUS            | 100 -135 Lm\W     |
| PROTECTION GRADE    | IP 20             |
| BEAM ANGLE          | 36°               |
| COLOR TEMPERATURE   | 2700-4000-6500K   |
| POWER SVE           | 90%               |
| BASE                | MR16              |
| CRI                 | >80               |
| LIFE TIME           | 30.000 - 50,000 H |

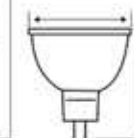
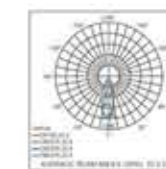
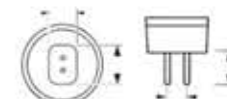
**Notes:** All components can be customized.

### WARRANTY

3 - 5 YEARS

### PRODUCT BENEFITS :

- Variable use at Direct Current and Alternating Current.
- Good all-around Light Emission.
- Ideal for Decorative and Free-burning Applications.
- Long Life Time of up to 30.000 H.



# LED GU-10 LIGHT



### FEATURES :

- LED alternative to conventional lamps.
- Contains no mercury or other hazardous Substances.
- No filaments or glass components.
- Full cut-off with no wasted light above the fixture.

### APPLICATION :

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## DATA SHEET

| RATED WATTAGE       |                   | 5W,7W |
|---------------------|-------------------|-------|
| ITEM                | EMR - 05 GU10     |       |
| DRIVER              | EMR               |       |
| CHIPS               | SAN'AN            |       |
| INPUT VOLTAGE       | AC 110 - 265V     |       |
| OPERATING FREQUENCY | 50-60 Hz          |       |
| POWER FACTOR        | > 0.5 - 0.95      |       |
| LUMINOUS            | 100 -135 Lm/W     |       |
| PROTECTION GRADE    | IP 20             |       |
| BEAM ANGLE          | 36°               |       |
| COLOR TEMPERATURE   | 2700-4000-6500K   |       |
| POWER SVE           | 90%               |       |
| BASE                | GU10              |       |
| CRI                 | >80               |       |
| LIFE TIME           | 30.000 - 50,000 H |       |

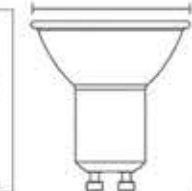
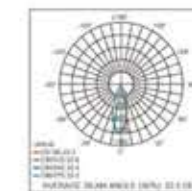
**Notes:** All components can be customized.

### WARRANTY

3 - 5 YEARS

### PRODUCT BENEFITS :

- Variable use at Direct Current and Alternating Current.
- Good all-around Light Emission.
- Ideal for Decorative and Free-burning Applications.
- Long Life Time of up to 30.000 H.



# LED RECESSED PANEL

## POLVENIRA



### FEATURES :

- LED alternative to conventional lamps.
- Contains no mercury or other hazardous Substances.
- No filaments or glass components.
- Full cut-off with no wasted light above the fixture.

### APPLICATION :

Showrooms \ Universities  
Schools \ Offices \ Banks  
HOMES \ Restaurants



### DATA SHEET

#### RATED WATTAGE

9W,24W  
30W,48W

|                     |                      |
|---------------------|----------------------|
| ITEM                | EMR-9R/POLV          |
| DRIVER              | EMR                  |
| CHIPS               | SAN'AN               |
| PANEL DESIGN        | INSIDE               |
| INPUT VOLTAGE       | AC85-265V            |
| OPERATING FREQUENCY | 50-60 Hz             |
| POWER FACTOR        | > 0.50               |
| LUMINOUS            | 100-135Lm/W          |
| DIMMABLE            | NON                  |
| PROTECTION GRADE    | IP 20                |
| BEAM ANGLE          | 180°                 |
| COLOR TEMPERATURE   | 2700\4000<br>\6500K  |
| POWER SVE           | 90%                  |
| CRI                 | >80                  |
| LIFE TIME           | 30,000 \<br>50,000 H |

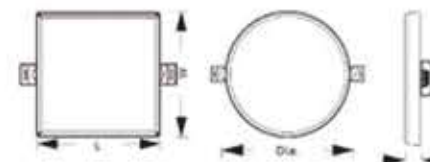
**Notes:** All components can be customized.

#### WARRANTY

3 - 5 YEARS

#### PRODUCT BENEFITS :

- Variable use at Direct Current and Alternating Current.
- Good all-around Light Emission.
- Ideal for Decorative and Free-burning Applications.
- Long Life Time of up to 30,000 H.



# EXIT SIGN LIGHT



## FEATURES :

- LED alternative to conventional lamps.
- Contains no mercury or other hazardous Substances.
- No filaments or glass components.
- Full cut-off with no wasted light above the fixture.

## APPLICATION :

Showrooms \ Universities  
Schools \ Offices \ Banks  
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## DATA SHEET

| ITEM NO.          | EMR - 006 EXL                  |
|-------------------|--------------------------------|
| RATED WATTAGE     | 6 W                            |
| DRIVER            | PHILIPS\OSRAM\ZH\EMR           |
| CHIPS             | PHILIPS\OSRAM\SAN'AN\ EPISTAR  |
| BATTERY           | 3.6V- 900 mA                   |
| VIEWING DISTANCE  | 25 M                           |
| POWER FACTOR      | > 0.5 - 0.95                   |
| LUMINOUS          | 100 -135 Lm\W                  |
| PROTECTION GRADE  | IP 40                          |
| LEGEND            | ACRYLIC LEGEND PANEL           |
| COLOR TEMPERATURE | 2700 - 4000 - 6500 K           |
| BODY COLOR        | Black \ Silver                 |
| DIMENSIONS        | 408 x 208 x 52 mm              |
| BODY MATERIAL     | PC ceiling box and steel sheet |
| OPERATING MODE    | OMAINAINED                     |
| LIFE TIME         | 30.000 - 50,000 hours          |

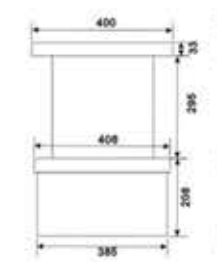
**Notes:** All components can be customized.

## WARRANTY

3 - 5 YEARS

## PRODUCT BENEFITS :

- Variable use at Direct Current and Alternating Current.
- Good all-around Light Emission.
- Ideal for Decorative and Free-burning Applications.
- Long Life Time of up to 30.000 H.





Where Innovation Meets Illumination

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