

# PRODUCT DATASHEET

## LDPFM GUARD RAIL CV 12.6W 730 PBL

LED PERFORMANCE GUARD RAIL LIGHT PBL | Streetlights



### Areas of application

- Roadway
- Tunnel
- Pedestrian zones
- Residential streets
- Cycling Tracks

### Product benefits

- Road lighting LED module concept designed to reduce the overall cost considering the enhanced road lighting efficiency, infrastructure costs, energy savings and maintenance cost
- Excellent lighting distribution on the street thanks to the special optical system and the black PCB that decreases the random reflection of photons inside the device
- Improving road efficiency and visibility in presence of fog due to low height application that minimizes the reflected & scattered light
- Better control over light distribution in curved streets and roundabouts

### Product features

- Innovative, ultra compact, lightweight outdoor LED street lighting module designed for roadways, tunnels, pedestrian areas and architectural applications
- Available with wattage: 11.6 W, 12.6 W, 15 W and 16 W
- Lumen output up to 1639 lm with 5 special lighting distribution options
- Available in CC & CV versions
- Type of protection: IP66
- Impact resistance: IK09
- Certificate: CB, RoHS

TECHNICAL DATA

Electrical data

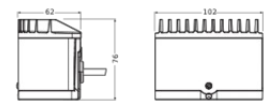
|                  |         |
|------------------|---------|
| Nominal wattage  | 12.60 W |
| Nominal voltage  | 48 V    |
| Protection class | III     |

Photometrical data

|                                      |                     |
|--------------------------------------|---------------------|
| Luminous flux                        | 1226 lm             |
| Luminous efficacy                    | 97 lm/W             |
| Color temperature                    | 3000 K              |
| Color rendering index Ra             | 70                  |
| Standard deviation of color matching | ≤5 sdc <sub>m</sub> |

Dimensions & Weight

|                |           |
|----------------|-----------|
| Length         | 102.00 mm |
| Width          | 73.00 mm  |
| Height         | 76.00 mm  |
| Product weight | 400.00 g  |



LDPFM GUARD RAIL

Materials & Colors

|               |          |
|---------------|----------|
| Product color | Gray     |
| Housing color | Gray     |
| Body material | Aluminum |

Application & Mounting

|                           |              |
|---------------------------|--------------|
| Ambient temperature range | -30...+50 °C |
| Type of protection        | IP66         |
| Dimmable                  | No           |
| Mounting type             | Surface      |
| Application environment   | Outdoor      |
| Replaceable light source  | No           |






Lifespan

|                           |         |
|---------------------------|---------|
| Lifespan L90/B10 at 25 °C | 60000 h |
|---------------------------|---------|


### Certificates & Standards

|                                  |                 |
|----------------------------------|-----------------|
| Replaceable light source (EPREL) | Not replaceable |
|----------------------------------|-----------------|

### Accessories Mandatory

| Product image  | Product name                    | EAN           |
|--|---------------------------------|---------------|
|   | LDPFM BOLLARD MOUNTING KIT BASE | 4099854156830 |
|   | LDPFM BOLLARD MOUNTING KIT      | 4099854156823 |
|    | LDPFM STANDARD GUARD RAIL KIT   | 4099854156724 |
|   | LDPFM ABOVE GUARD RAIL KIT      | 4099854156786 |
|  | LDPFM WALL MOUNTING KIT         | 4099854156809 |

### DOWNLOAD DATA

| Documents and certificates  | Document name    |
|---|------------------|
|  User instruction / safety instructions | LDPFM GUARD RAIL |

### LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4099854156106 | Folding box<br>1             | 117 mm x 82 mm x 118 mm              | 456.00 g     | 1.13 dm <sup>3</sup>  |
| 4099854156113 | Shipping box<br>24           | 607 mm x 357 mm x 165 mm             | 11554.00 g   | 35.76 dm <sup>3</sup> |

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

**DISCLAIMER**

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.