

# PRODUCT DATASHEET

## LED PFM DL MODULAR 13W Reflector 36° 2700K

LED PERFORMANCE DOWNLIGHT MODULAR | Modular downlight with wide range of optics



### Areas of application

- Hotels, restaurants, shops
- Architectural lighting
- Art shops, offices, bars

### Product benefits

- Easy installation with fast connection
- High efficiency and reliability
- Stylish and modern design

### Product features

- Available with color temperature 4000 K
- Modular system for flexible configuration
- Dimmable on the leading edge and trailing edge
- Color rendering index  $R_a9$ : > 90
- Version with 36° and 60° beam angle with dichroic or reflector lens available



## TECHNICAL DATA

### Electrical data

|                           |                     |
|---------------------------|---------------------|
| Nominal wattage           | 13.00 W             |
| Nominal voltage           | 220...240 V         |
| Mains frequency           | 50...60 Hz          |
| Power factor $\lambda$    | 0.90                |
| Total harmonic distortion | < 40 %              |
| Protection class          | II                  |
| Operating mode            | External LED driver |

### Photometrical data

|                                      |                    |
|--------------------------------------|--------------------|
| Luminous flux                        | 950 lm             |
| Luminous efficacy                    | 73 lm/W            |
| Color temperature                    | 2700 K             |
| Light color (designation)            | Warm White         |
| Color rendering index Ra             | ≥90                |
| Standard deviation of color matching | 6 sdc <sub>m</sub> |
| Beam angle                           | 36 °               |

### Dimensions & Weight

|                |          |
|----------------|----------|
| Diameter       | 60.00 mm |
| Height         | 61.00 mm |
| Product weight | 238.00 g |

### Materials & Colors

|                 |          |
|-----------------|----------|
| Product color   | Black    |
| Housing color   | Black    |
| Body material   | Aluminum |
| Mercury content | 0.0 mg   |

### Application & Mounting

|                           |              |
|---------------------------|--------------|
| Ambient temperature range | -20...+40 °C |
| Type of protection        | IP20         |
| Dimmable                  | No           |
| Mounting type             | Recessed     |
| Application environment   | Indoor       |

|                          |    |
|--------------------------|----|
| Replaceable light source | No |
|--------------------------|----|

### Lifespan

|                           |                       |
|---------------------------|-----------------------|
| Lifespan L70/B50 at 25 °C | 50000 h <sup>1)</sup> |
|---------------------------|-----------------------|

<sup>1)</sup> t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

### Certificates & Standards

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

### DOWNLOAD DATA

| Documents and certificates | Document name |
|----------------------------|---------------|
|----------------------------|---------------|



User instruction / safety instructions

LED PERFORMANCE DOWNLIGHT MODULAR

| Photometric and lighting design files | Document name |
|---------------------------------------|---------------|
|---------------------------------------|---------------|



IES file (IES)

LDPFM DL MOD Reflector 13W 36D

### LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075389083 | Folding box<br>1             | 92 mm x 72 mm x 112 mm               | 278.00 g     | 0.74 dm <sup>3</sup>  |
| 4058075389090 | Shipping box<br>50           | 484 mm x 382 mm x 258 mm             | 14895.00 g   | 47.70 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.