

PRODUCT DATASHEET

LED PFM DL 8 W 3000 K On/Off

LED PERFORMANCE DOWNLIGHT G2 | LED downlight luminaires



Areas of application

- Offices
- Shopping malls
- Retail
- Hospitality

Product benefits

- Stylish design
- Die-cast aluminum housing for improved heat dissipation
- Good glare reduction (UGR < 19) and cut off angle up to 30° for comfortable indoor lighting
- External driver design allows for flexible change of control gear
- Low maintenance and operation costs due to long lifetime of LED
- Can be wireless controlled via cooperating with LEDVANCE LMS Bridge Superior
- Type of protection: IP54 (room side) provides additional protection against humidity

Product features

- Available with color temperature: 3,000 K, 4,000 K, 6,500 K
- Color rendering index R_a : > 80
- Initial color consistency: < 5 SDCM
- Long lifetime: up to 50,000 h
- Available with diameter: 4 inch, 6 inch and 8 inch
- Available with wattage: 8 W, 11 W, 14 W, 17 W and 21 W



– Available with version: on/off switch, 1-10 V dimmable and DALI dimmable

TECHNICAL DATA

Electrical data

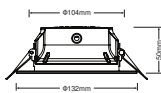
| | |
|---------------------------|---------------------|
| Nominal wattage | 8.00 W |
| Nominal voltage | 220...240 V |
| Mains frequency | 50...60 Hz |
| Power factor λ | 0.90 |
| Total harmonic distortion | < 20 % |
| Protection class | II |
| Operating mode | External LED driver |

Photometrical data

| | |
|--------------------------------------|---------------------------|
| Luminous flux | 880 lm |
| Luminous efficacy | 100 lm/W |
| Color temperature | 3000 K |
| Light color (designation) | Warm White |
| Color rendering index Ra | 80 |
| Standard deviation of color matching | ≤ 5 sdc _m |
| Beam angle | 65 ° |

Dimensions & Weight

| | |
|----------------|-----------|
| Diameter | 132.00 mm |
| Height | 50.00 mm |
| Product weight | 230.00 g |



LDPFM DL

Materials & Colors

| | |
|----------------|-------------------------------|
| Product color | Gray |
| Housing color | Gray |
| Body material | Metal |
| Cover material | Polymethylmethacrylate (PMMA) |

| | |
|-----------------|--------|
| Mercury content | 0.0 mg |
|-----------------|--------|

Application & Mounting

| | |
|------------------------------|------------------|
| Ambient temperature range | -20...+45 °C |
| Temperature range at storage | -20...+70 °C |
| Type of connection | Cable, 2-pole |
| Type of protection | IP54/IP20 |
| Dimmable | No |
| Mounting type | Recessed |
| Mounting location | Ceiling |
| Application environment | Indoor |
| Mounting diameter | 105.0...115.0 mm |

Lifespan

| | |
|----------------------------|-----------------------|
| Lifespan L70/B50 at 25 °C | 50000 h ¹⁾ |
| Number of switching cycles | 30000 |

¹⁾ 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 |
|----------------------------------|-----------------|

Additional product data

| | |
|-------------|----|
| BEG subsidy | No |
|-------------|----|

DOWNLOAD DATA

| Documents and certificates | Document name |
|---|------------------------------|
|  User instruction / safety instructions | LED PERFORMANCE DOWNLIGHT G2 |

| Photometric and lighting design files | Document name |
|---|------------------------|
|  IES file (IES) | LDPFM DL 105 8W 830 G2 |

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|--------------|------------------------------|--------------------------------------|--------------|--------|
|--------------|------------------------------|--------------------------------------|--------------|--------|

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075347496 | Folding box 1 | 174 mm x 74 mm x 177 mm | 347.00 g | 2.28 dm ³ |
| 4058075347502 | Shipping box 30 | 543 mm x 390 mm x 385 mm | 11542.00 g | 81.53 dm ³ |

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.