

PRODUCT DATASHEET

LED PFM DL 6.30 W 6500 K G2S

LED PERFORMANCE DOWNLIGHT G2S | 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
- Energy savings thanks to high system efficacy: up to 120 lm/W
- External driver design allows for flexible change of control gear
- Low maintenance and operation costs due to long lifetime of LED
- Type of protection: IP54 (room side) provides additional protection against humidity

Product features

- Available with diameter: 4 inch, 6 inch and 8 inch
- Available with color temperature: 3,000 K, 4,000 K, 6,500 K
- System up with LEDVANCE DRIVER (Driver not included)
- Color rendering index R_a : > 80
- Initial color consistency: < 5 SDCM
- Long lifetime up to 50,000 h



TECHNICAL DATA

Electrical data

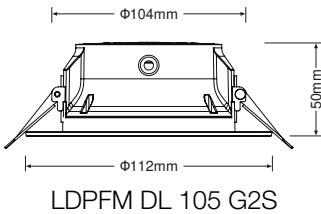
| | |
|------------------------|---------------------|
| Nominal wattage | 6.30 W |
| Nominal voltage | 26,5 V |
| Nominal current | 270.000 mA |
| Power factor λ | > 0.90 |
| Protection class | III |
| Operating mode | External LED driver |

Photometrical data

| | |
|--------------------------------------|----------|
| Luminous flux | 860 lm |
| Luminous efficacy | 137 lm/W |
| Color temperature | 6500 K |
| Light color (designation) | Daylight |
| Color rendering index Ra | 80 |
| Standard deviation of color matching | < 5 sdcm |
| Beam angle | 65 ° |
| UGR | < 19 |

Dimensions & Weight

| | |
|----------------|-----------|
| Diameter | 112.00 mm |
| Height | 50.00 mm |
| Product weight | 258.00 g |



Materials & Colors

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

| | |
|-----------------|-------------------------------|
| 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 | 100.0...110.0 mm |
| Mounting depth | > 30 mm |
| Replaceable light source | No |

Lifespan


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


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 |
|----------------------------------|-----------------|

DOWNLOAD DATA

| Documents and certificates | | Document name |
|--|--|------------------|
|  | User instruction / safety instructions | LDPFM DL 105 G2S |

| Photometric and lighting design files | | Document name |
|--|----------------|----------------------|
|  | IES file (IES) | LDPFM DL 105 865 G2S |

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075427549 | Folding box 1 | 174 mm x 74 mm x 177 mm | 375.00 g | 2.28 dm ³ |
| 4058075427556 | Shipping box 30 | 543 mm x 390 mm x 385 mm | 12382.00 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.