

PRODUCT DATASHEET

PANEL PFM 600 30 W 3000 K WT

DAMP PROOF COMPACT IP66 | Damp-proof luminaire, through-wired (L, N, E)



AREAS OF APPLICATION

- Industrial and storage facilities
- Car parks and underpasses
- Garages
- Workshops, assembly lines

PRODUCT BENEFITS

- Evenly distributed light
- Energy savings of up to 50 % (compared to luminaires that use fluorescent lamps)
- Easy installation as mounting brackets can be positioned freely on the luminaire
- Easy access to electrical terminal thanks end caps with twist and lock mechanism
- Tool-free electrical connection due to push button connector
- 5 years guarantee

PRODUCT FEATURES

- High luminous efficacy: up to 120 lm/W
- Type of protection: IP66
- Beam angle: 120°
- Through-wiring cable 3x1.5mm² already installed
- Polycarbonate housing



TECHNICAL DATA

Electrical data

| | |
|-------------------------------|---------------------|
| Nominal wattage | 30.00 W |
| Operating mode | External LED driver |
| Nominal voltage | 220...240 V |
| Power factor λ | ≥ 0.95 |
| Mains frequency | 50/60 Hz |
| Inrush current | 14.5 A |
| Total harmonic distortion | < 7 % |
| Inrush current time T_{h50} | 153.8 μ s |

Luminaire control gear data

| | |
|--|----------|
| ECG - Output ripple current | <5 % |
| ECG - Life time | 74 000 h |
| Low flicker | Yes |
| Max. no. of lum. on circuit break. B16 A | 41 |
| Max. no. of lum. on circuit break. C10 A | 33 |
| Max. no. of lum. on circuit break. C16 A | 52 |

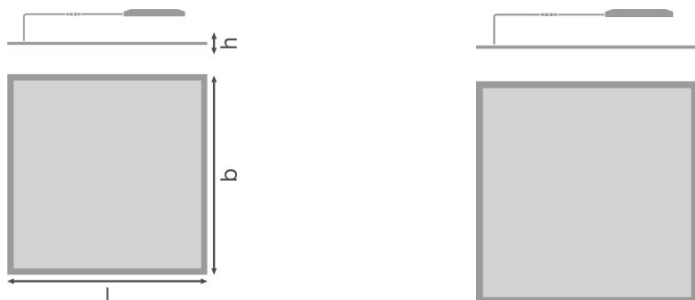
Photometrical data

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

Light technical data

| | |
|------------|-------|
| Beam angle | 120 ° |
|------------|-------|

Dimensions & weight



| | |
|-----------------------|-----------|
| Length | 595.0 mm |
| Width | 595.0 mm |
| Height | 9.0 mm |
| Product weight | 2000.00 g |

Colors & materials

| | |
|-----------------------|------------------|
| Body material | Aluminum |
| Product color | White |
| Housing color | White |
| Cover material | Polystyrene (PS) |

Temperatures & operating conditions

| | |
|----------------------------------|--------------|
| Ambient temperature range | -10...+45 °C |
|----------------------------------|--------------|

Lifespan

| | |
|-----------------------------------|---------|
| Number of switching cycles | 25000 |
| Lifespan L70/B50 at 25 °C | 80000 h |
| Lifespan L80/B10 at 25 °C | 60000 h |
| Lifespan L90/B10 at 25 °C | 35000 h |

Additional product data

| | |
|--------------------------|----------------------------|
| Mounting type | Recessed/Suspended/Surface |
| Mounting location | Ceiling / Wall |

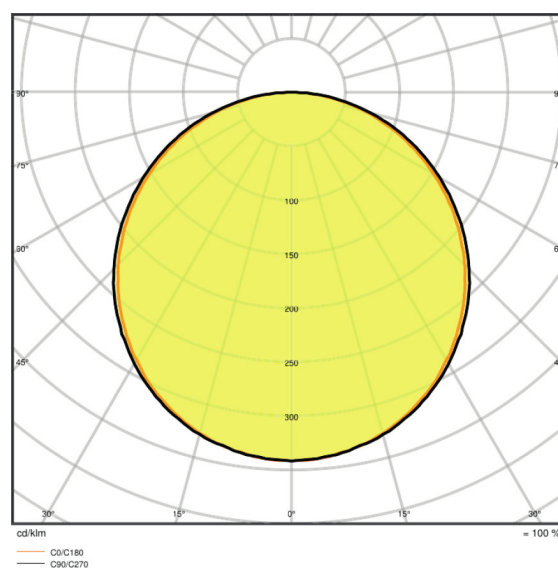
Capabilities

| | |
|-------------------------------|-----------------|
| Dimmable | No |
| Type of connection | Cable, 3-pole |
| Ball shot safe | No |
| LED module replaceable | Not replaceable |

Certificates & standards

| | |
|---|------------------------|
| Protection class IK (shock resistance) | IK03 |
| Glow Wire Test according to IEC 695-2-1 | 650 °C |
| Photobiological safety group EN62778 | RG 0 |
| Protection class | II |
| Type of protection | IP20 |
| Standards | CE/CB/TÜV SÜD/EAC/RoHS |

Light Distribution



LDC typ cone

LDC typ polar

EQUIPMENT / ACCESSORIES

- Stainless steel clamps with safety screws included
- Mounting accessories included (suspension kit, theft protection kit)

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075225152 | Folding carton box 1 | 40 mm x 627 mm x 684 mm | 2320.00 g | 17.15 dm ³ |
| 4058075225169 | Shipping carton box 4 | 695 mm x 170 mm x 645 mm | 11480.00 g | 76.21 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.

REFERENCES / LINKS

For Guarantee see

▶ www.ledvance.com/guarantee

DISCLAIMER

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