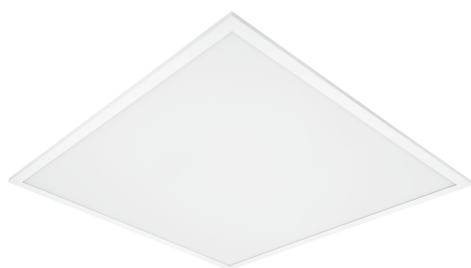


PRODUCT DATASHEET

PANEL 600 36 W 4000 K OP WT

PANEL PFM HO 600 | Square recessed panel luminaires with high luminous flux, 600 x 600 mm



Areas of application

- Direct replacement for luminaires with fluorescent lamps
- Corridors
- Offices
- Conference rooms
- Reception areas
- Foyers
- Elevators
- Suitable for recessed ceiling systems with grid size of 600 x 600 mm

Product benefits

- High lumen output reduces the total number of panels per installation
- Light guide plate with micro structure made of non-yellowing material for long lifetime
- Low flicker light thanks to special electronic control gear
- Energy savings of up to 50 % (compared to luminaires that use fluorescent lamps)
- 5 years guarantee

Product features

- Luminous flux: up to 4,320 lm
- High luminous efficacy: up to 120 lm/W
- Lifetime (L80/B50): up to 60,000 h (at 25 °C)
- Aluminum housing, polystyrene diffuser

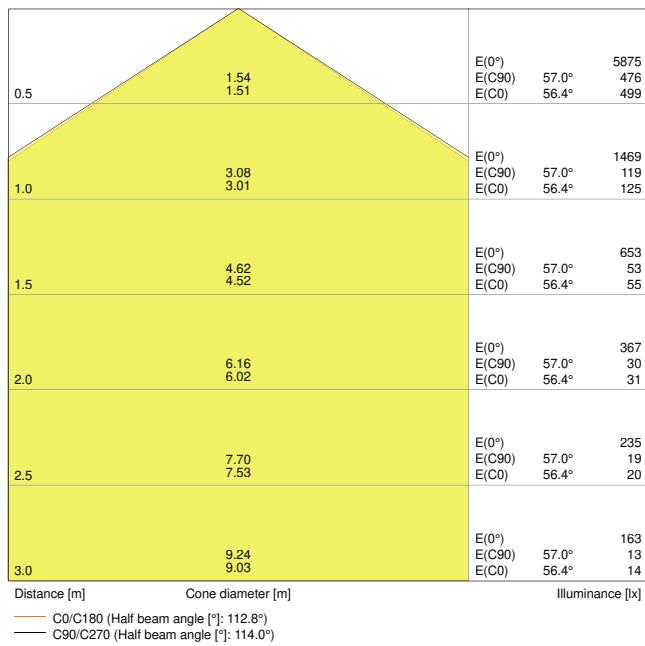


TECHNICAL DATA**Electrical data**

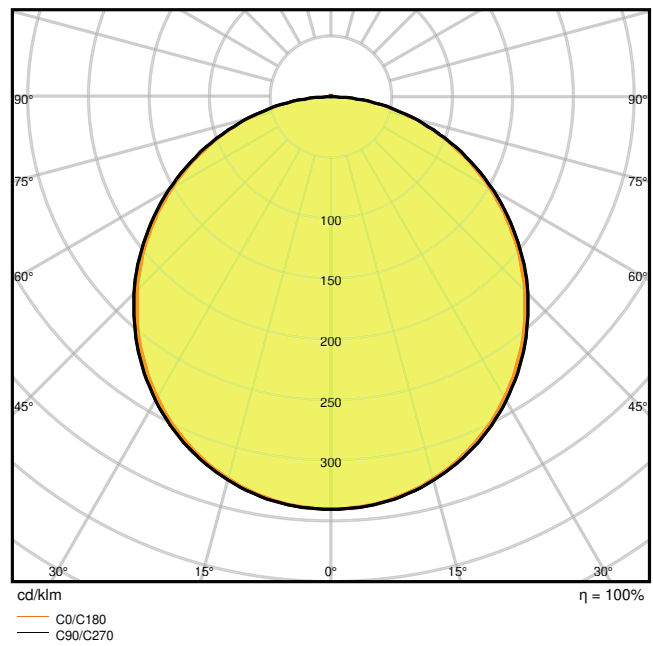
| | |
|---|---------------------|
| Nominal wattage | 36.00 W |
| Nominal voltage | 220...240 V |
| Mains frequency | 50...60 Hz |
| Nominal current | 190.000 mA |
| Inrush current | 15.0 A |
| Max. number of luminaires per miniature circuit breaker B16 | 17 |
| Max. number of luminaires per miniature circuit breaker C10 | 35 |
| Max. number of luminaires per miniature circuit breaker C16 | 56 |
| Power factor λ | > 0.95 |
| Total harmonic distortion | \leq 20 % |
| Protection class | II |
| Operating mode | External LED driver |

Photometrical data

| | |
|--|--------------------|
| Luminous flux | 4320 lm |
| Luminous efficacy | 120 lm/W |
| Color temperature | 4000 K |
| Light color (designation) | Cool White |
| Color rendering index Ra | > 80 |
| Standard deviation of color matching | 3 sdc _m |
| Low flicker | Yes |
| Photobiological safety group acc. to EN62778 | RG0 |
| Beam angle | 120 ° |



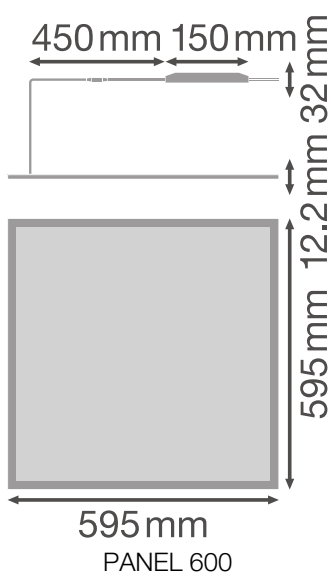
Panel 600 36W 4000K OP



Panel 600 36W 4000K OP

Dimensions & Weight

| | |
|----------------|-----------|
| Length | 595.00 mm |
| Width | 595.00 mm |
| Height | 12.20 mm |
| Product weight | 3250.00 g |



Materials & Colors

| | |
|--|------------------|
| Product color | White |
| Housing color | White |
| Body material | Steel |
| Cover material | Polystyrene (PS) |
| Light emitting surface material | Polystyrene |
| Glow Wire Test according to IEC 60695-2-12 | 650 °C |
| Mercury content | 0.0 mg |

Application & Mounting

| | |
|--|------------------------------|
| Ambient temperature range | -10...+40 °C |
| Type of connection | Screw terminal, 2-Pole (L,N) |
| Type of protection | IP20 |
| Protection class IK (shock resistance) | IK03 |
| Dimmable | No |
| Mounting type | Recessed/Suspended/Surface |
| Mounting location | Ceiling / Wall |
| Application environment | Indoor |
| Mounting length | 575 mm |
| Mounting width | 575 mm |
| Mounting depth | 50,0 mm |

Lifespan

| | |
|----------------------------|-----------------------|
| Lifespan L70/B50 at 25 °C | 80000 h ¹⁾ |
| Lifespan L80/B10 at 25 °C | 60000 h ¹⁾ |
| Lifespan L80/B50 at 25 °C | 60000 h |
| Lifespan L90/B10 at 25 °C | 35000 h |
| Number of switching cycles | 25000 |

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









Control gear

| | |
|--------------|---------|
| ECG - Length | 150 mm |
| ECG - Width | 41.4 mm |
| ECG - Height | 32 mm |

Certificates & Standards

| | |
|----------------------------------|---------------------------------------|
| Standards | CE / CB / ENEC / TÜV SÜD / EAC / RoHS |
| Ball shot safe | No |
| Replaceable light source (EPREL) | Not replaceable |





Accessories Optional






| Product image | Product name | EAN |
|---|-------------------------------------|---------------|
|  | PANEL 600 SURFACE MOUNT KIT H70 VAL | 4058075402843 |
|  | PANEL 600 RECESSED MOUNT FRAME | 4058075402881 |
|  | PANEL Suspension Kit | 4058075402928 |
|  | PANEL 600 SURFACE MOUNT KIT H75 | 4058075472914 |
|  | EM CONVERSION BOX | 4058075237025 |
|  | PANEL RECESSED MOUNT CLIPS VAL 4x | 4058075409859 |
|  | CONNECTOR BOX 5POLE L/N/PE/D+/D- 4x | 4058075473034 |
|  | CONNECTOR BOX 5POLE L/N 4x | 4058075473010 |

EQUIPMENT / ACCESSORIES

- Accessories for several mounting options available
- Security rope for luminaire included
- External control gear included
- Not suitable for use with Emergency Conversion Box

DOWNLOAD DATA

| Documents and certificates | | Document name |
|--|--|--|
|  | User instruction / safety instructions | PANEL 600 / 625 |
|  | Declarations of conformity | Declaration of Conformity Panel 600 625 MP OP LEDV |
|  | Declarations of conformity | Attestation-of-Conformity-Panel MP OP IP20 TÜV |
|  | Certificates | ENEC Panel 600 625 |

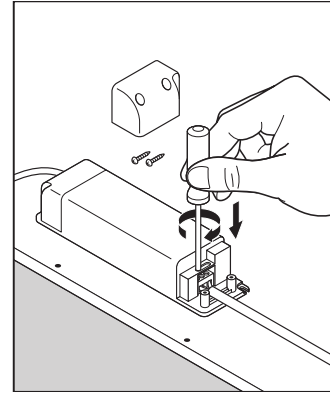
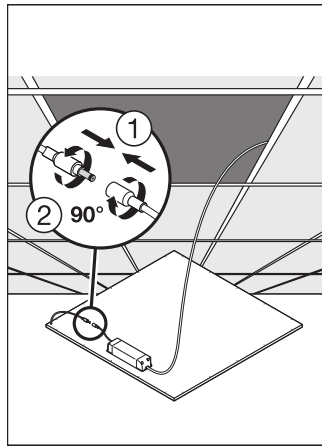
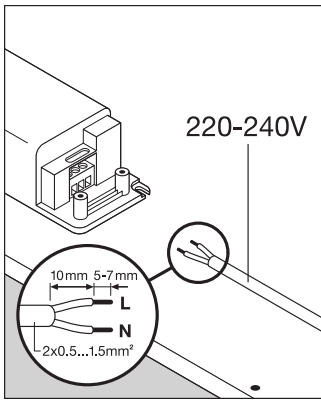
| Photometric and lighting design files | | Document name |
|--|-------------------------------------|------------------------|
|  | IES file (IES) | Panel 600 36W 4000K OP |
|  | LDT file (Eulumdat) | Panel 600 36W 4000K OP |
|  | UGR file (UGR table) | Panel 600 36W 4000K OP |
|  | Light distribution curve type cone | Panel 600 36W 4000K OP |
|  | Light distribution curve type polar | Panel 600 36W 4000K OP |

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075113084 | Folding box 1 | 625 mm x 38 mm x 680 mm | 3545.00 g | 16.15 dm ³ |
| 4058075113091 | Shipping box 4 | 695 mm x 170 mm x 645 mm | 15030.00 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.

ADDITIONAL CATALOG INFORMATION



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.