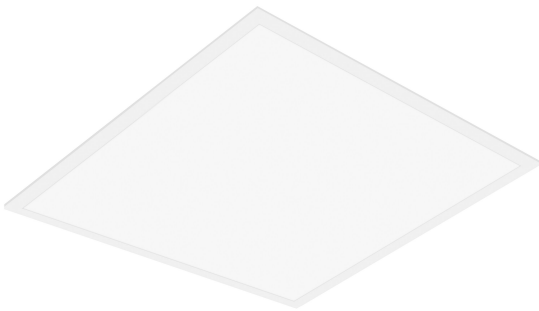


# PRODUCT DATASHEET

## PANEL PFM 600 UGR < 19 TPA 36 W 4000 K WT DALI

PANEL PERFORMANCE 600 UGR < 19 TPA | Square recessed panel luminaires with TP(A) rated diffuser, low glare, 600 x 600 mm



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### Areas of application

- Direct replacement for luminaires with fluorescent lamps
- Offices, conference rooms
- Reception areas, foyers, corridors, elevators
- Suitable for recessed ceiling systems with grid size of 600 x 600 mm

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### Product benefits

- Energy savings thanks to system efficacy of up to 110 lm/W
- Flexible application thanks to TP(A) rated diffuser for the UK market
- Good glare reduction (UGR < 19)
- Versions with DALI ECG available
- Emergency lighting possible with LEDVANCE Emergency Conversion Box
- Low flicker light thanks to special electronic control gear
- External driver for extended flexibility and easy installation
- Easy to clean thanks to a smooth diffuser
- 5 years guarantee

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### Product features

- Extruded aluminum frame



- Polycarbonate diffuser (TP(A) rated)
- Lifetime (L80/B10): up to 50,000 h (at 25 °C)

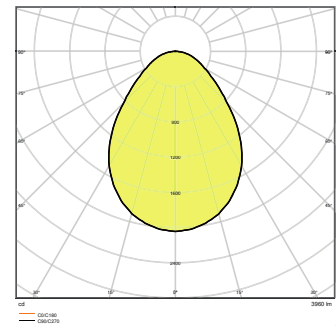
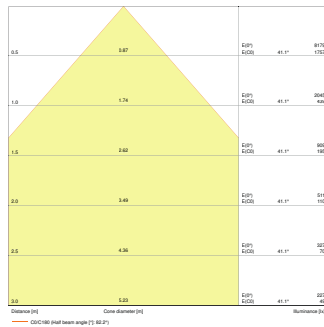
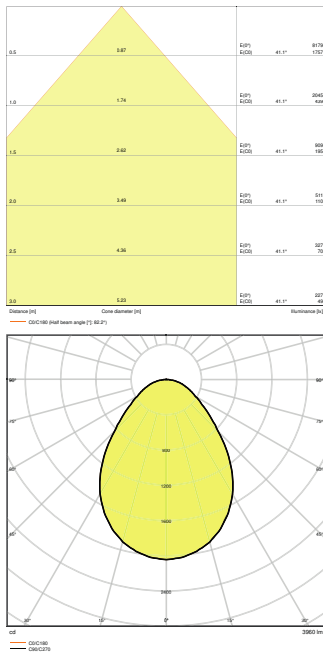
## TECHNICAL DATA

### Electrical data

|  |                     |
|--|---------------------|
| Nominal wattage                          | 36.00 W             |
| Nominal voltage                          | 220...240 V         |
| Mains frequency                          | 50...60 Hz          |
| Nominal current                          | 170.000 mA          |
| Inrush current                           | 23 A                |
| Inrush current time $T_{h50}$            | 200 $\mu$ s         |
| Max. no. of lum. on circuit break. B16 A | 19                  |
| Max. no. of lum. on circuit break. C10 A | 19                  |
| Max. no. of lum. on circuit break. C16 A | 30                  |
| Power factor $\lambda$                   | $\geq 0.95$         |
| Total harmonic distortion                | $\leq 20$ %         |
| Protection class                         | II                  |
| Operating mode                           | External LED driver |

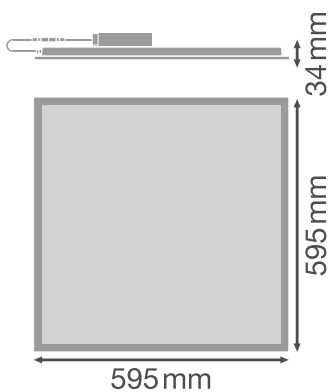
### Photometrical data

|  |            |
|--|------------|
| Luminous flux                                | 3960 lm    |
| Luminous efficacy                            | 110 lm/W   |
| Color temperature                            | 4000 K     |
| Light color (designation)                    | Cool White |
| Color rendering index Ra                     | > 80       |
| Standard deviation of color matching         | 5 sdc      |
| Luminous intensity                           | -          |
| Flickering metric (Pst LM)                   | -          |
| Stroboscope effect metric (SVM)              | -          |
| Photobiological safety group acc. to EN62778 | RG0        |
| Beam angle                                   | 90 °       |
| UGR  | < 19       |



## Dimensions & Weight

|                |           |
|----------------|-----------|
| Length         | 595.00 mm |
| Width          | 595.00 mm |
| Height         | 34.00 mm  |
| Product weight | 1800.00 g |



## Materials & Colors

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

### Application & Mounting

|  |                            |
|--|----------------------------|
| Ambient temperature range              | -10...+45 °C               |
| Type of connection                     | Screwless terminal         |
| Type of protection                     | IP40                       |
| Protection class IK (shock resistance) | IK02                       |
| Dimmable                               | Yes                        |
| Type of dimming                        | DALI                       |
| Mounting type                          | Recessed/Suspended/Surface |
| Mounting location                      | Ceiling / Wall             |
| Application environment                | Indoor                     |
| Mounting length                        | 580 mm                     |
| Mounting width                         | 580 mm                     |
| Mounting depth                         | 50,0 mm                    |
| LED module replaceable                 | Not replaceable            |
| With light source                      | Yes                        |

### Lifespan

|                            |         |
|----------------------------|---------|
| Lifespan L70/B50 at 25 °C  | 50000 h |
| Lifespan L80/B10 at 25 °C  | 50000 h |
| Lifespan L90/B10 at 25 °C  | 50000 h |
| Number of switching cycles | 25000   |

### Certificates & Standards

|  |         |
|--|---------|
| Standards  | CE / CB |
| Luminaire with limited surface temperature, "D sign" | No      |
| Ball shot safe                                       | No      |

### EQUIPMENT / ACCESSORIES

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

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## DOWNLOAD DATA

### Documents and certificates



User instruction



Addon Technical Information



Packaging insert

### Photometric and lighting design files



IES file (IES)



LDT file (Eulumdat)



ULD file (DIALux)



ROLF file (RELUX)



UGR file (UGR table)



LDC typ cone



LDC typ polar

### CAD/BIM files



BIM\_Revit\_3D



CAD\_STEP\_3D

### Tender Texts



Tender documents

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## LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075384323 | Folding box<br>1             | 602 mm x 40 mm x 648 mm              | 2192.00 g    | 15.60 dm <sup>3</sup> |
| 4058075384330 | Shipping box<br>4            | 667 mm x 182 mm x 634 mm             | 10015.00 g   | 76.96 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.

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### References / Links

– For Guarantee see [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee)

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### DISCLAIMER

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