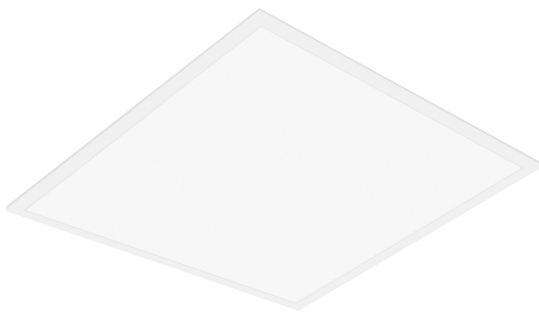


# PRODUCT DATASHEET

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

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



### 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

### 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

### Product features

- Extruded aluminum frame



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

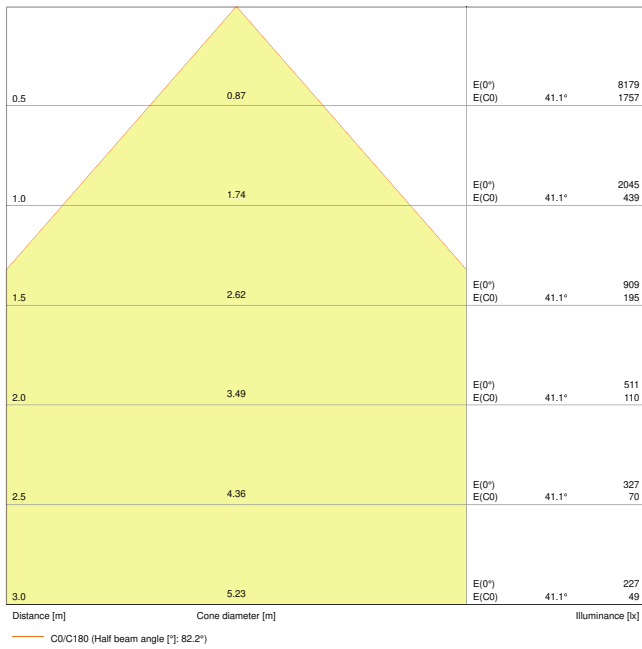
## TECHNICAL DATA

### Electrical data

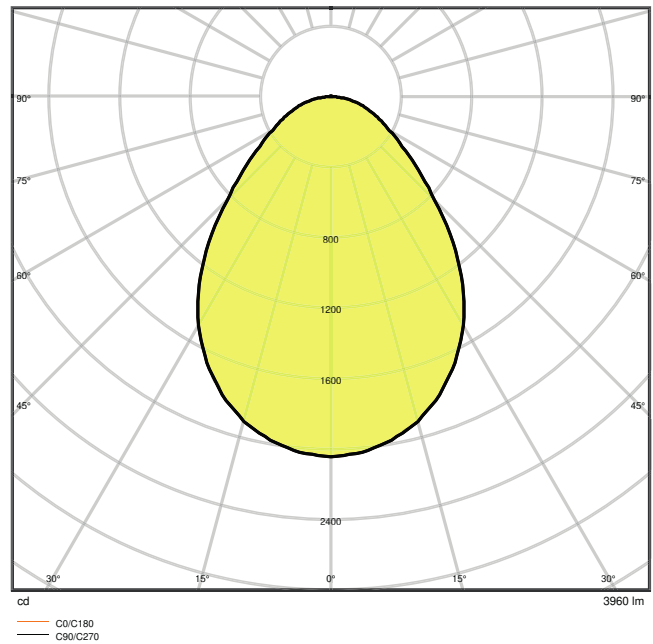
Nominal wattage	36.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	170.000 mA
Inrush current	23 A
Inrush current time $T_{h50}$	200 $\mu$ s
Max. number of luminaires per miniature circuit breaker B16	19
Max. number of luminaires per miniature circuit breaker C10	19
Max. number of luminaires per miniature circuit breaker C16	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 <sub>m</sub>
Luminous intensity	-
Flickering metric (Pst LM)	-
Stroboscope effect metric (SVM)	-
Photobiological safety group acc. to EN62778	RG0
Beam angle	90 °
UGR	< 19



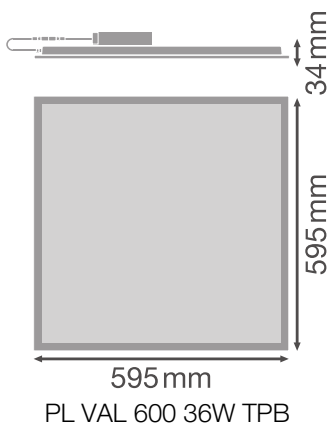
PL PFM 600 36W 4000K UGR19 TPA LEDV



PL PFM 600 36W 4000K UGR19 TPA LEDV

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	No
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
With light source	Yes

### Lifespan









Lifespan L70/B50 at 25 °C	50000 h <sup>1)</sup>
Lifespan L80/B10 at 25 °C	50000 h <sup>1)</sup>
Lifespan L80/B50 at 25 °C	50000 h
Lifespan L90/B10 at 25 °C	50000 h
Number of switching cycles	25000

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

### Certificates & Standards

Standards	CE / CB
Luminaire with limited surface temperature, "D sign"	No
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
	CONNECTOR BOX 5POLE L/N 4x	4058075473010
	PANEL SECURITY KIT 4x	4058075472990
	PANEL RECESSED MOUNT CLIPS VAL 4x	4058075409859
	PANEL 600 / 625 Suspension Kit	4058075108868
	PANEL 600 SURFACE MOUNT KIT H75	4058075472914
	PANEL 600 RECESSED MOUNT FRAME	4058075402881
	PANEL Suspension Kit	4058075402928

**EQUIPMENT / ACCESSORIES**

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

## DOWNLOAD DATA

Documents and certificates		Document name
	User instruction / safety instructions	PANEL
	Legal information	LSI PL PFM AND VAL
	Legal information	Legal Insert
	Declarations of conformity	EU Declaration of conformity
	Declarations of conformity UKCA	PANEL 600
Photometric and lighting design files		Document name
	IES file (IES)	PL PFM 600 36W 4000K UGR19 TPA
	LDT file (Eulumdat)	PL PFM 600 36W 4000K UGR19 TPA
	ULD file (DIALux)	PL PFM 600
	ROLF file (RELUX)	PL PFM 600
	UGR file (UGR table)	PL PFM 600 36W 4000K UGR19 TPA LEDV
	Light distribution curve type cone	PL PFM 600 36W 4000K UGR19 TPA LEDV
	Light distribution curve type polar	PL PFM 600 36W 4000K UGR19 TPA LEDV
CAD/BIM files		Document name
	BIM Revit 3D	PL PFM Gen3
	CAD STEP 3D	PL PFM 600 TPA
Tender texts		Document name
	Tender documents	PANEL PERFORMANCE 600 UGR 19 TPA 36 W 4000 K WT-EN

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075384309	Folding box 1	602 mm x 40 mm x 648 mm	2192.00 g	15.60 dm <sup>3</sup>
4058075384316	Shipping box 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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Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.