

# PRODUCT DATASHEET

## PL PFM 600 36 W/4000 K

PANEL PERFORMANCE 600 | Square recessed panel luminaires, tool-free installation, for 600 x 600 mm ceiling systems



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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

- Tool-free electrical connection due to push button connector
- Through-wiring possible with included connector box
- Energy savings thanks to high system efficacy: up to 120 lm/W
- Comfortable light and high color consistency
- Extended services such as energy monitoring and remote maintenance possible with DALI versions
- External driver for extended flexibility and easy installation
- Low flicker light thanks to special electronic control gear
- Emergency lighting possible with LEDVANCE Emergency Conversion Box
- 5 years guarantee

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### Product features

- Extruded aluminum frame
- Polystyrene diffuser
- 3-pole terminal block, cable cross section up to 3 x 2.5 mm<sup>2</sup> (25 W and 30 W versions)



- 5-pole terminal block, cable cross section up to 5 x 2.5 mm<sup>2</sup> (36 W versions and DALI types)
- Luminaire versions with IoT-ready DALI-2 driver available
- Lifetime (L80/B10): up to 60,000 h (at 25 °C)

## TECHNICAL DATA

### Electrical data

Nominal wattage	36.00 W
Operating mode	External LED driver
Nominal voltage	220...240 V
Nominal current	160 mA
Inrush current	30 A
Inrush current time $T_{h50}$	200 $\mu$ s
Power factor $\lambda$	> 0,95
Max. no. of lum. on circuit break. B16 A	13
Max. no. of lum. on circuit break. C10 A	12
Max. no. of lum. on circuit break. C16 A	19
Total harmonic distortion	< 10 %

### Luminaire control gear data

Low flicker	Yes
ECG - Output ripple current	< 5 %

### Photometrical data

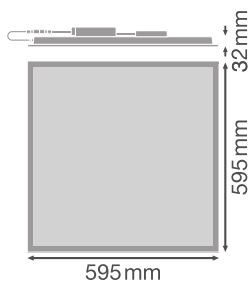
Color temperature	4000 K
Luminous flux	4320 lm
Luminous efficacy	120 lm/W
Light color (designation)	Cool White
Standard deviation of color matching	3 sdcn
Color rendering index Ra	> 80

### Light technical data

Beam angle	120 °
UGR lateral	< 22
UGR longitudinal	< 22

### Dimensions & weight





Length	595.00 mm
Height	32.00 mm
Width	595.00 mm
Mounting length	575 mm
Mounting width	575 mm
Product weight	1650.000 g

### Colors & materials

Body material	Aluminum
Product color	White
Housing color	White
Cover material	Polystyrene (PS)
Light emitting surface material	Polystyrene

### Temperatures & operating conditions

Ambient temperature range	-10...+50 °C
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### Lifespan

Number of switching cycles	50000
Lifespan L70/B50 at 25 °C	100000 h
Lifespan L80/B10 at 25 °C	60000 h
Lifespan L90/B10 at 25 °C	35000 h

### Additional product data

Mounting location	Ceiling / Wall
Recommended control gear	OSRAM OTI DALI 50/220-240/1A4 NFC
Low flicker	Yes
Note about the product	Available from September 2020

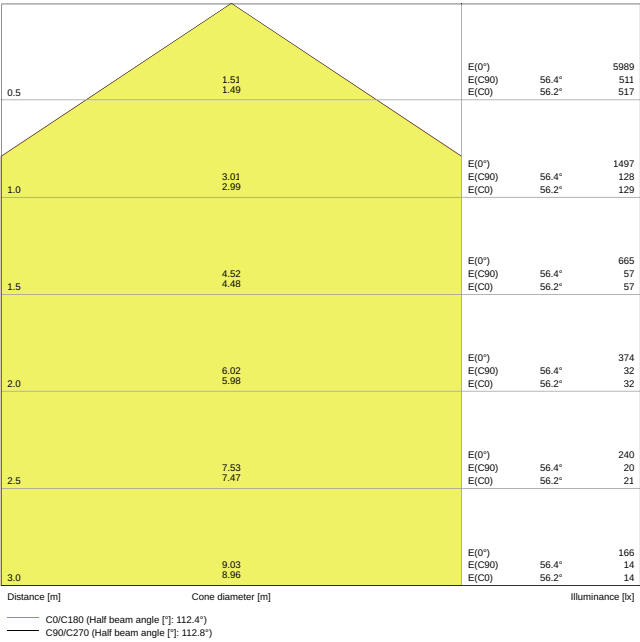


Capabilities

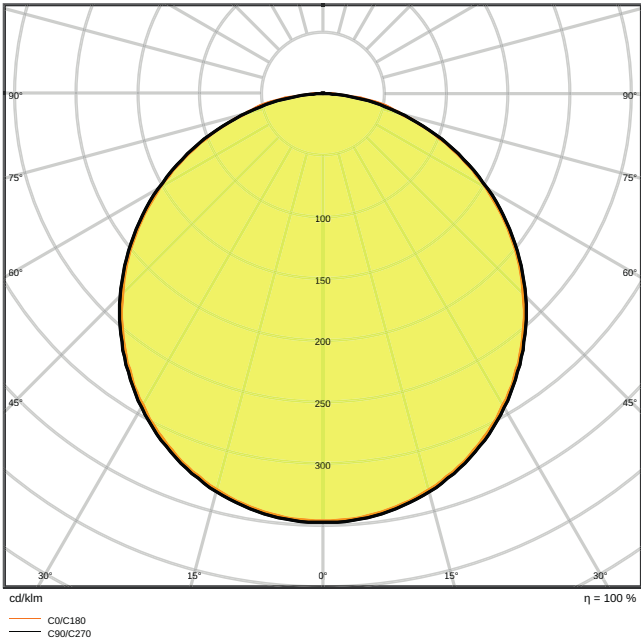
Dimmable	No
Type of connection	Screwless terminal
ErP LEDmod replaceable	Not replaceable
Ball shot safe	No

Certificates & standards

Protection class IK (shock resistance)	IK02
Glow Wire Test according to IEC 69	650 °C
Photobio. safety group acc. to EN62471	RG0
Protection class	II
Type of protection	IP40
Standards	CE / CB / ENEC / EAC / RoHS



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EQUIPMENT / ACCESSORIES

- Accessories for several mounting options available
- Connector box with 3-pole or 5-pole terminal included



- Security rope for luminaire included
- Security brackets included
- External control gear included

## DOWNLOAD DATA

DOWNLOAD DATA	
	User instruction PANEL PERFORMANCE 600/625
	Tender documents Tender Text 4058075440333
	Certificates EAEC N RU D-DE.MYu62.B.01215 20 24.03.2020-23.03.2025
	Declarations of conformity PL PFM 600 36W
	IES file (IES) PL PFM 600 36W 4000K IES
	LDT file (Eulumdat) PL PFM 600 36W 4000K LDT
	UGR file (UGR table) PL PFM 600 36W 4000K LDT
	Packaging insert Legal insert

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075440333	Folding box 1	52 mm x 622 mm x 694 mm	2135.00 g	22.45 dm <sup>3</sup>
4058075440340	Shipping box 4	640 mm x 220 mm x 710 mm	9835.00 g	99.97 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.

## ADDITIONAL CATALOG INFORMATION



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## References / Links

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

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