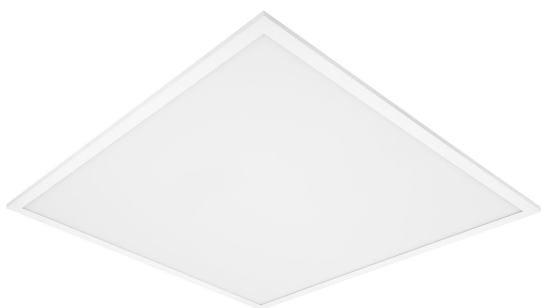


PRODUCT DATASHEET

PL PFM 625 36 W/4000 K

PANEL PERFORMANCE 625 | Square recessed panel luminaires, tool-free installation, for 625 x 625 mm ceiling system



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 625 x 625 mm

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

Product features

- Extruded aluminum frame
- Polystyrene diffuser
- 3-pole terminal block, cable cross section up to 3 x 2.5 mm² (25 W and 30 W versions)



- 5-pole terminal block, cable cross section up to 5 x 2.5 mm² (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 μ s
Power factor λ	> 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 %

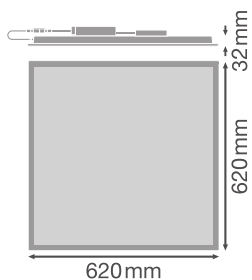
Photometrical data

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

Light technical data

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

Dimensions & weight



Length	620.00 mm
Height	32.00 mm
Width	620.00 mm
Mounting length	600 mm
Mounting width	600 mm
Product weight	1800.000 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

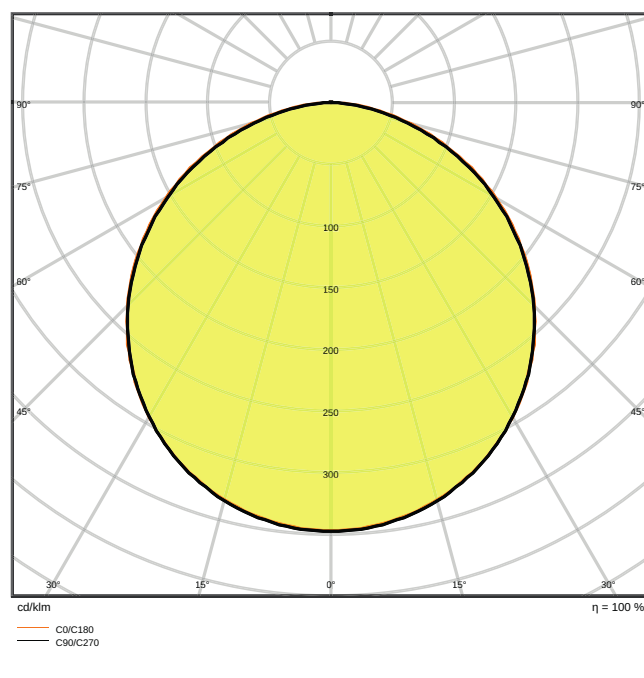
Mounting location	Ceiling / Wall
Recommended control gear	OSRAM OTI DALI 50/220-240/1A4 NFC
Low flicker	Yes
Product remark	Available from September 2020

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



LDC typ cone









LDC typ polar

EQUIPMENT / ACCESSORIES

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

- Security brackets included
- External control gear included

DOWNLOAD DATA

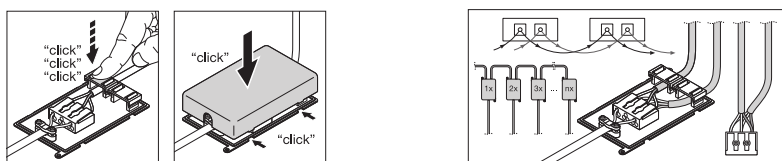
DOWNLOAD DATA	
	User instruction PANEL PFM 600 625
	User instruction PANEL PERFORMANCE 600/625
	Tender documents Tender Text 4058075440692
	Declarations of conformity PL PFM 600_625
	IES file (IES) PL PFM 625 36W 4000K IES
	LDT file (Eulumdat) PL PFM 625 36W 4000K LDT
	UGR file (UGR table) PL PFM 625 36W 4000K LDT
	Packaging insert Legal insert

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075440692	Folding box 1	52 mm x 647 mm x 719 mm	2320.00 g	24.19 dm ³
4058075440708	Shipping box 4	665 mm x 220 mm x 735 mm	10648.00 g	107.53 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
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DISCLAIMER

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