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

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

- 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)

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- 5-pole terminal block, cable cross section up to 5 x 2.5 mm^2 (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)

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TECHNICAL DATA

Electrical data

Nominal wattage	36.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	160 mA
Inrush current	30 A
Inrush current time T_{h50}	200 µs
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
Power factor λ	> 0.95
Total harmonic distortion	< 10 %
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 sdcm
Luminous intensity	-
Low flicker	Yes
Flickering metric (Pst LM)	-
Stroboscope effect metric (SVM)	-
Photobiological safety group acc. to EN62778	RG0
Photobiological safety group acc. to EN62471	RG0
Beam angle	120 °
UGR	< 22

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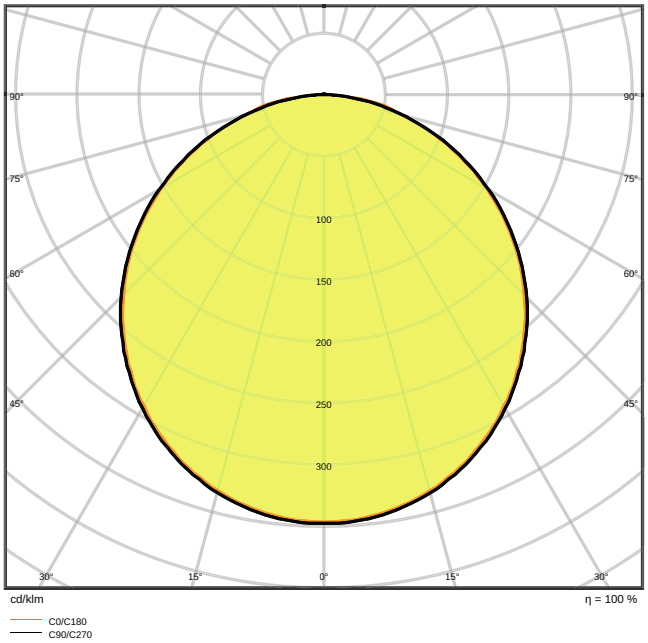
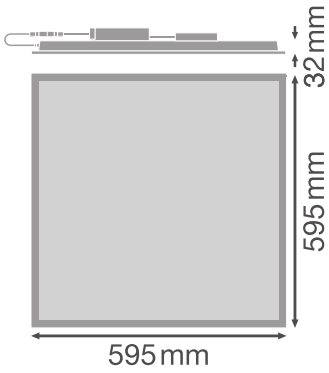
LDC typ cone



LDC typ polar

Dimensions & Weight

Length	595.00 mm
Width	595.00 mm
Height	32.00 mm
Product weight	1650.00 g



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Materials & Colors

Product color	White
Housing color	White
Body material	Aluminum
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...+50 °C
Type of connection	Screwless terminal
Type of protection	IP40/IP20
Protection class IK (shock resistance)	IK02
Dimmable	No
Mounting type	Recessed/Suspended/Surface
Mounting location	Ceiling / Wall
Application environment	Indoor
Mounting length	575 mm
Mounting width	575 mm
Mounting depth	80,0 mm
LED module replaceable	Not replaceable
With light source	Yes

Lifespan

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

Control gear

ECG - Output ripple current	< 5 %
Recommended control gear	OSRAM OTI DALI 50/220-240/1A4 NFC

Certificates & Standards

Standards	CE / CB / ENEC / EAC
Luminaire with limited surface temperature, "D sign"	No

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Ball shot safe	No

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
PDF	User instruction PANEL PERFORMANCE 600/625
PDF	Addon Technical Information LSI PL PFM AND PL PFM DALI
PDF	Addon Technical Information LSI PL PFM AND PL PFM DALI
	Tender documents Tender Text 4058075440333
PDF	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
	R3D file (Relux 3D Model) PL PFM 600
	M3D file (3D Model) PL PFM 600
	UGR file (UGR table) PL PFM 600 36W 4000K LDT
PDF	Packaging insert Legal insert

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume

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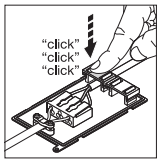
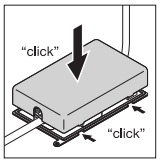
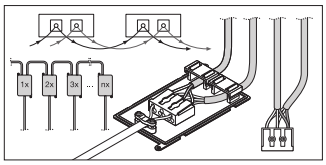
Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075440333	Folding box 1	52 mm x 622 mm x 694 mm	2135.00 g	22.45 dm³
4058075440340	Shipping box 4	640 mm x 220 mm x 710 mm	9835.00 g	99.97 dm³

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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