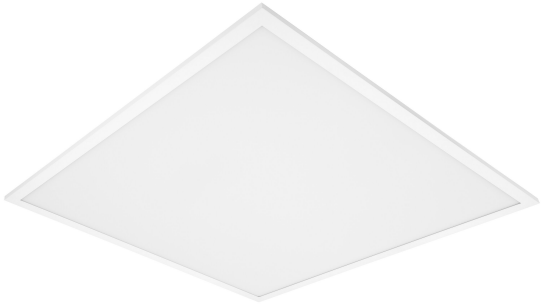
PRODUCT DATASHEET
PL PFM 625 30 W 3000 K UGR19

PANEL PERFORMANCE 625 UGR<19 | Square recessed panel luminaires, tool-free installation and low glare, for 625 x 625 mm ceiling systems



PERFOR-
MANCE
CLASS

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
- Good glare reduction (UGR < 19)
- Extended services such as energy monitoring and remote maintenance possible with DALI versions
- Comfortable light and high color consistency
- External driver for extended flexibility and easy installation
- Low flicker light thanks to special electronic control gear
- 5 years guarantee

Product features

- Extruded aluminum frame
- Polystyrene diffuser
- 3-pole terminal block, cable cross section up to 3 x 2.5 mm^2 (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 or IoT Zigbee 3.0 technology available
- Lifetime (L80/B10): up to 60,000 h (at 25 °C)

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TECHNICAL DATA

Electrical data

Nominal wattage	30.00 W
Nominal voltage	220…240 V
Mains frequency	50…60 Hz
Nominal current	135 mA
Inrush current	30 A
Inrush current time T_{h50}	200 µs
Max. number of luminaires per miniature circuit breaker B16	15
Max. number of luminaires per miniature circuit breaker C10	13
Max. number of luminaires per miniature circuit breaker C16	21
Power factor λ	> 0.95
Total harmonic distortion	< 10 %
Protection class	II
Operating mode	External LED driver

Photometrical data

Luminous flux	3600 lm
Luminous efficacy	120 lm/W
Color temperature	3000 K
Light color (designation)	Warm 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	90 °
UGR	< 19

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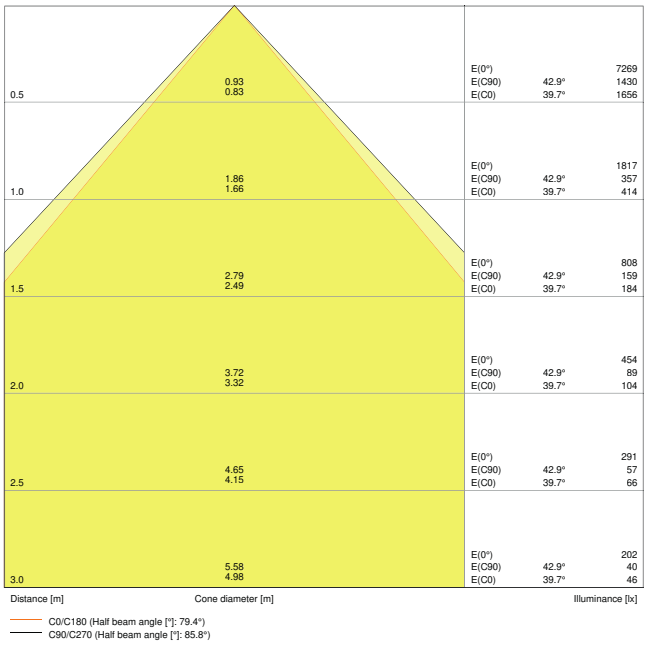
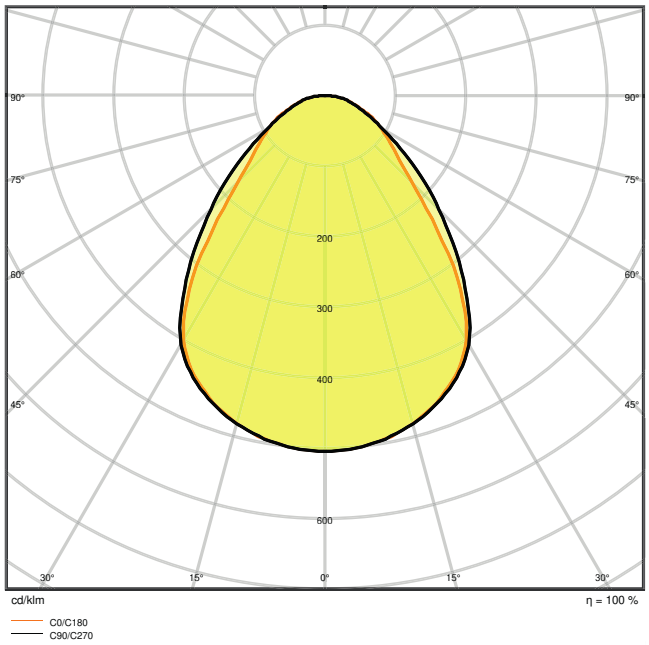


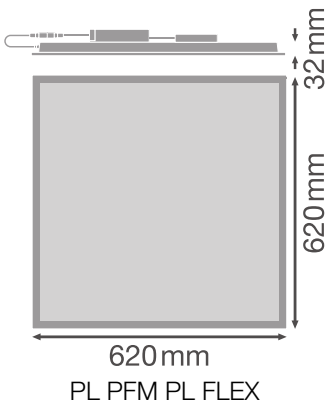
PL PFM 625 30W 3000K UGR19 LDT



PL PFM 625 30W 3000K UGR19 LDT

Dimensions & Weight

Length	620.00 mm
Width	620.00 mm
Height	32.00 mm
Product weight	2050.00 g



PL PFM PL FLEX

Materials & Colors

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Product color	White
Housing color	White
Body material	Steel
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	600,0 mm
Mounting width	600,0 mm
Mounting depth	80,0 mm
With light source	Yes
Replaceable light source	No

Lifespan

Lifespan L70/B50 at 25 °C	100000 h [1)]
Lifespan L80/B10 at 25 °C	60000 h [1)]
Lifespan L80/B50 at 25 °C	60000 h
Lifespan L90/B10 at 25 °C	35000 h
Number of switching cycles	50000

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

Control gear

Output current	655 mA
ECG - Output ripple current	< 5 %
Recommended control gear	OSRAM OTI DALI 50/220-240/1A4 NFC

Certificates & Standards

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Standards	CE / CB / ENEC / EAC
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 Suspension Kit	4058075402928
	PANEL RECESSED MOUNT CLIPS VAL 4x	4058075409859
	PANEL SECURITY KIT 4x	4058075472990
	PANEL 625 SURFACE MOUNT KIT H75	4058075472938
	PANEL 625 SURFACE MOUNT KIT H70 VAL	4058075402867
	PANEL 625 RECESSED MOUNT FRAME	4058075402904

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
- Not suitable for use with Emergency Conversion Box

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DOWNLOAD DATA

	Documents and certificates	Document name
PDF	User instruction / safety instructions	PANEL PERFORMANCE 600/625
PDF	Legal information	Legal insert
PDF	Legal information	LSI PL PFM AND PL PFM DALI
PDF	Legal information	LSI PL PFM AND PL PFM DALI
PDF	Declarations of conformity	PL PFM 625 UGR19

	Photometric and lighting design files	Document name
IES	IES file (IES)	PL PFM 625 30W 3000K UGR19
LDT	LDT file (Eulumdat)	PL PFM 625 30W 3000K UGR19 LDT
ULD	ULD file (DIALux)	PL PFM 625 30W-3000K UGR19
ROLF	ROLF file (RELUX)	PL PFM 625
	UGR file (UGR table)	PL PFM 625 30W 3000K UGR19 LDT
	Light distribution curve type cone	PL PFM 625 30W 3000K UGR19 LDT
	Light distribution curve type polar	PL PFM 625 30W 3000K UGR19 LDT

	CAD/BIM files	Document name
RFA	BIM Revit 3D	PL PFM gen3
STEP	CAD STEP 3D	PL PFM gen3 625

	Tender texts	Document name
TXT	Tender documents	PANEL PERFORMANCE 625 UGR19 30 W 3000 K UGR19-EN

LOGISTICAL DATA

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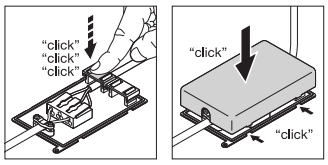
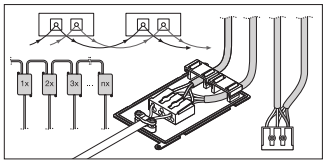
Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075440579	Folding box 1	52 mm x 647 mm x 719 mm	2570.00 g	24.19 dm^3
4058075440586	Shipping box 4	665 mm x 220 mm x 735 mm	11648.00 g	107.53 dm^3

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

DISCLAIMER

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

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