PRODUCT DATASHEET
PANEL PFM HO 600 DALI CB UGR < 19 36 W 4000 K WT

PANEL PFM HO DALI 600 CB UGR < 19 | Square recessed panel luminaires with high luminous flux, tool-free installation, DALI driver, low glare, 600x600 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

- High lumen output reduces the total number of panels per installation
- Advanced functionality due to external DALI driver
- Good glare reduction (UGR < 19)
- 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
- Light guide plate with micro structure made of non-yellowing material for long lifetime

Product features

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- Luminous flux: up to 4,320 lm
- High luminous efficacy: up to 120 lm/W
- Lifetime (L80/B50): up to 60,000 h (at 25 °C)
- Aluminum housing, polystyrene diffuser

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TECHNICAL DATA

Electrical data

Nominal wattage	36.00 W
Nominal voltage	220...240 V
Mains frequency	0/50/60 Hz
Nominal current	190.000 mA
Inrush current	23 A
Inrush current time T_{h50}	200 µs
Max. no. of lum. on circuit break. B16 A	23
Max. no. of lum. on circuit break. C10 A	23
Max. no. of lum. on circuit break. C16 A	38
Power factor λ	> 0.90
Total harmonic distortion	≤ 20 %
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
Low flicker	Yes
Photobiological safety group acc. to EN62778	RG0
Beam angle	90 °
UGR	< 19

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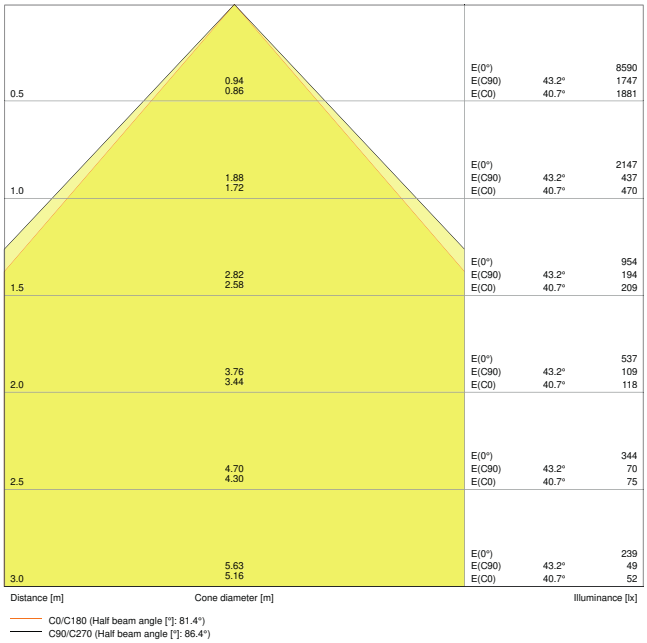
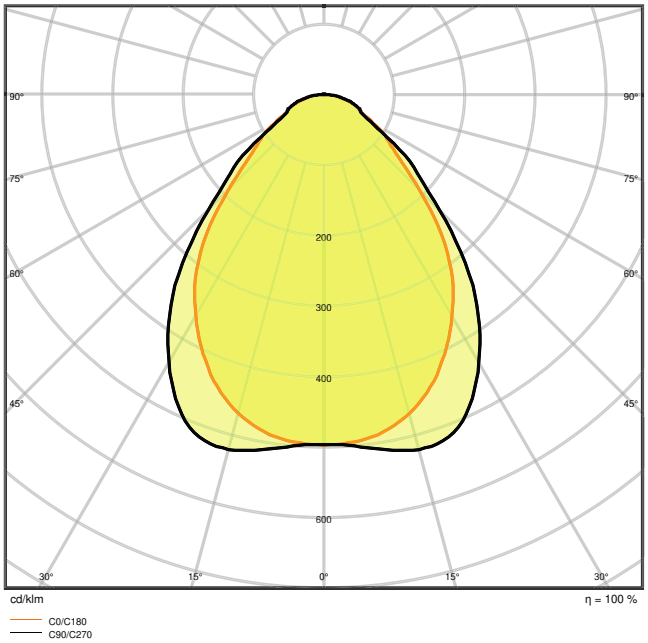


LDC typ cone



LDC typ polar

Dimensions & Weight

Length	595.00 mm
Width	595.00 mm
Height	12.20 mm
Product weight	3250.00 g

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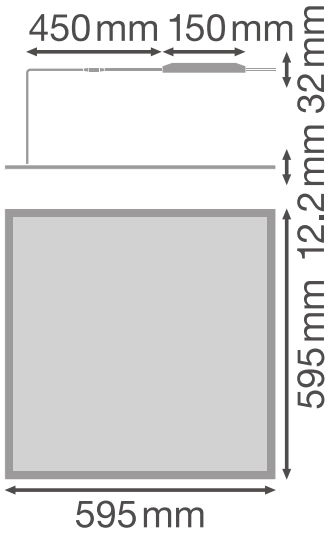

Materials & Colors

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...+40 °C
Type of connection	Screwless terminal, 5-Pole (L, N, PE, DA+, DA-)
Type of protection	IP20
Protection class IK (shock resistance)	IK03
Dimmable	Yes
Type of dimming	DALI
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

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LED module replaceable	Not replaceable

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	25000

Certificates & Standards

Standards	CE / CB / RoHS
Ball shot safe	No

EQUIPMENT / ACCESSORIES

- Accessories for several mounting options available
- Security rope for luminaire included
- External control gear included
- Connector box with 5-pole terminal included
- Not suitable for use with Emergency Conversion Box

DOWNLOAD DATA

	DOWNLOAD DATA
PDF	User instruction
	Tender documents
PDF	Declarations of conformity
	IES file (IES)
	LDT file (Eulumdat)
	R3D file (Relux 3D Model)
	M3D file (3D Model)
	UGR file (UGR table)

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LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075400672	Folding box 1	625 mm x 38 mm x 680 mm	3935.00 g	16.15 dm^3
4058075400689	Shipping box 4	720 mm x 195 mm x 669 mm	15740.00 g	93.93 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.

DISCLAIMER

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

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