PRODUCT DATASHEET
PL PFM UGR19 30W/3000K DALI

PANEL PERFORMANCE 1200x300 UGR<19 | Rectangular recessed panel luminaires, tool-free installation and low glare, for 1200 x 300 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 300 x 1200 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
– Emergency lighting possible with LEDVANCE Emergency Conversion Box

PRODUCT FEATURES

– Extruded aluminum frame
– Polystyrene diffuser
– 3-pole terminal block, cable cross section up to 3 x 2.5 mm²

- DALI versions with IoT-ready DALI-2 driver
- Lifetime (L80/B10): up to 60,000 h (at 25 °C)

TECHNICAL DATA

Electrical data

Nominal wattage	30.00 W
Operating mode	External LED driver
Nominal voltage	220...240 V
Mains frequency	0/50/60 Hz
Power factor λ	>0.93
Max. no. of lum. on circuit break. B16 A	20
Max. no. of lum. on circuit break. C10 A	21
Max. no. of lum. on circuit break. C16 A	33
Inrush current	30 A
Total harmonic distortion	< 10 %
Inrush current time T_{h50}	200 µs

Luminaire control gear data

ECG - Life time	74 000 h
Low flicker	Yes
Ouput current	950 mA
ECG - Output ripple current	<3 %

Photometrical data

Color temperature	3000 K
Color rendering index Ra	>80
Light color (designation)	Warm White
Luminous flux	3450 lm
Luminous efficacy	115 lm/W
Standard deviation of color matching	3 sdcm

Light technical data

Beam angle	90.00 °
UGR lateral	<19
UGR longitudinal	<19

Dimensions & weight
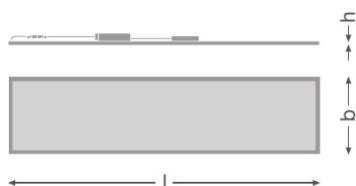
Length	1195 mm
Width	295.0 mm
Height	9.0 mm
Product weight	1700.00 g
Mounting width	290.0 mm
Mounting length	1190.0 mm

Colors & materials

Product color	White
Housing color	White
Body material	Aluminum
Light emitting surface material	Polystyrene

Temperatures & operating conditions

Ambient temperature range	-10...+45 °C

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 type	Recessed/Suspended/Surface
Mounting location	Ceiling / Wall
Low flicker	Yes
Product remark	Available from July 2020

Capabilities

Dimmable	Yes
Type of connection	Screwless terminal, 5-Pole (L, N, PE, DA+, DA-)
LED module replaceable	Not replaceable

Certificates & standards

Type of protection	IP40
Protection class	II
Protection class IK (shock resistance)	IK03
Glow Wire Test according to IEC 695-2-1	650 °C
Photobiological safety group EN62778	RG 0
Photobio. safety group acc. to EN62471	RG 0
Standards	CE/CB/ENEC/EAC/RoHS

Light Distribution

Distance [m]				
0.5	0.80 / 0.82	E(0°) / E(C90) / E(C0)	38.8° / 39.4°	7337 / 1745 / 1737
1.0	1.61 / 1.64	E(0°) / E(C90) / E(C0)	38.8° / 39.4°	1834 / 436 / 434
1.5	2.41 / 2.46	E(0°) / E(C90) / E(C0)	38.8° / 39.4°	815 / 194 / 193
2.0	3.22 / 3.29	E(0°) / E(C90) / E(C0)	38.8° / 39.4°	459 / 109 / 109
2.5	4.02 / 4.11	E(0°) / E(C90) / E(C0)	38.8° / 39.4°	293 / 70 / 69
3.0	4.82 / 4.93	E(0°) / E(C90) / E(C0)	38.8° / 39.4°	204 / 48 / 48

Distance [m]   Cone diameter [m]   Illuminance [lx]
— C0/C180 (Half beam angle [°]: 78.8°)
— C90/C270 (Half beam angle [°]: 77.6°)

LDC typ cone

cd/klm   = 100 %
— C0/C180
— C90/C270
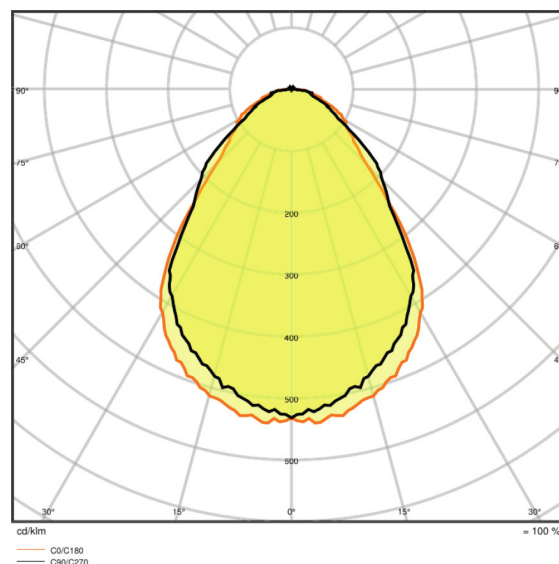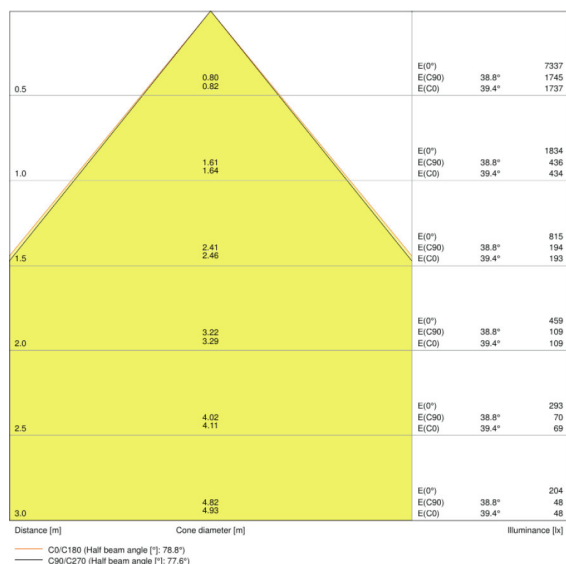
LDC typ polar

EQUIPMENT / ACCESSORIES

- Accessories for several mounting options available
- Connector box with 3-pole terminal included
- Security rope for luminaire included
- Security brackets included
- External control gear included

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075440210	Folding carton box 1	43 mm x 1285 mm x 330 mm	3678.00 g	18.23 dm³
4058075440227	Shipping carton box 4	1314 mm x 176 mm x 328 mm	9766.00 g	75.85 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
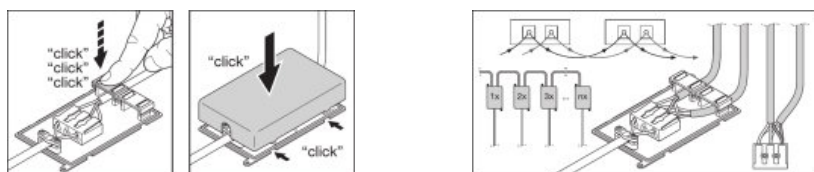
REFERENCES / LINKS

For Guarantee see
▶ www.ledvance.com/guarantee

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