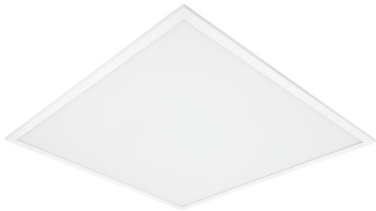


PRODUCT DATASHEET

PANEL 600 IP54 36 W 4000 K OP WT

PANEL 600 IP54 | Square recessed panel luminaires with IP54 protection and high luminous flux, 600 x 600 mm



AREAS OF APPLICATION

- Direct replacement for luminaires with fluorescent lamps
- Hospitals
- Laboratories
- Suitable for recessed ceiling systems with grid size of 600 x 600 mm
- Kitchens, workspaces

PRODUCT BENEFITS

- Suitable for use in dusty and damp locations thanks to high IP rating
- High lumen output reduces the total number of panels per installation
- Energy savings of up to 50 % (compared to luminaires that use fluorescent lamps)
- Low flicker light thanks to special electronic control gear
- 5 years guarantee
- Versions with DALI ECG available

PRODUCT FEATURES

- Type of protection: IP54
- 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, PMMA diffuser



TECHNICAL DATA

Electrical data

Nominal wattage	36.00 W
Operating mode	External LED driver
Nominal voltage	220...240 V
Mains frequency	50/60 Hz
Power factor λ	>0.90
Max. no. of lum. on circuit break. B16 A	17
Max. no. of lum. on circuit break. C10 A	35
Max. no. of lum. on circuit break. C16 A	56
Inrush current	15.0 A
Total harmonic distortion	20 %
Inrush current time T_{h50}	460 μ s

Luminaire control gear data

Low flicker	Yes
ECG - Length	150 mm
ECG - Width	41.4 mm

Photometrical data

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

Light technical data

Beam angle	120 °
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Dimensions & weight



Length	595.0 mm
Width	595.0 mm
Height	12.6 mm
Product weight	3200.00 g
Mounting width	575.0 mm
Mounting length	575.0 mm

Colors & materials

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

Temperatures & operating conditions

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

Number of switching cycles	25000
Lifespan L70/B50 at 25 °C	80000 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

Capabilities

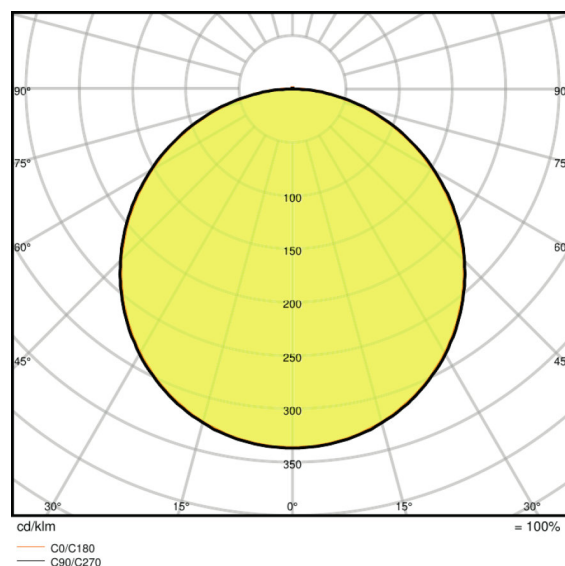
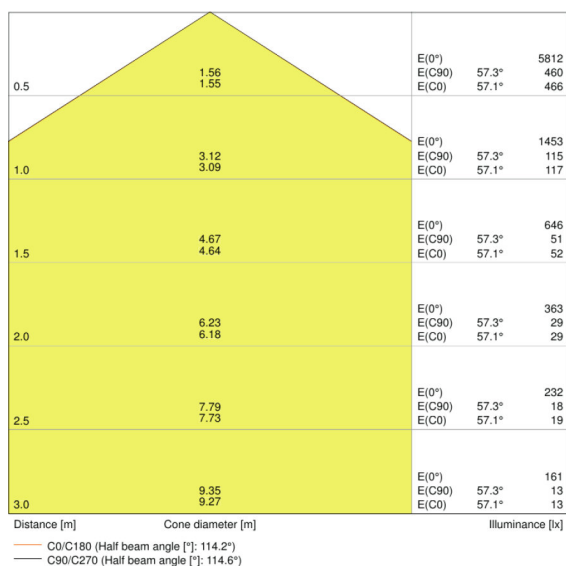
Dimmable	No
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Type of connection	Screw terminal, 2-Pole (L,N)
LED module replaceable	Not replaceable

Certificates & standards

Type of protection	IP54/IP20
Protection class	II
Protection class IK (shock resistance)	IK03
Glow Wire Test according to IEC 60695-2-12	650 °C
Photobiological safety group EN62778	RG0
Standards	CE/CB/ENEC/TÜV SÜD/EAC/RoHS

Light Distribution



LDC typ cone

LDC typ polar

EQUIPMENT / ACCESSORIES

- Accessories for several mounting options available
- External control gear included

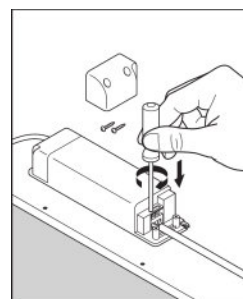
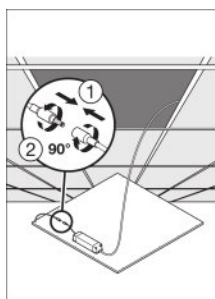
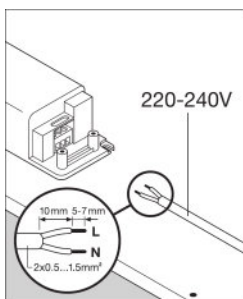
LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075149502	Folding carton box 1	625 mm x 62 mm x 635 mm	3495.00 g	24.61 dm ³

4058075149519	Shipping carton box 4	650 mm x 270 mm x 645 mm	14830.00 g	113.20 dm ³
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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

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