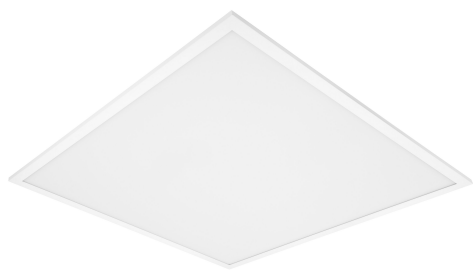


PRODUCT DATASHEET

PANEL 625 IP54 36 W 4000 K OP WT

PANEL 625 IP54 | Square recessed panel luminaires with IP54 protection and high luminous flux, 625 x 625 mm



Areas of application

- Direct replacement for luminaires with fluorescent lamps
- Hospitals
- Laboratories
- Suitable for recessed ceiling systems with grid size of 625 x 625 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)



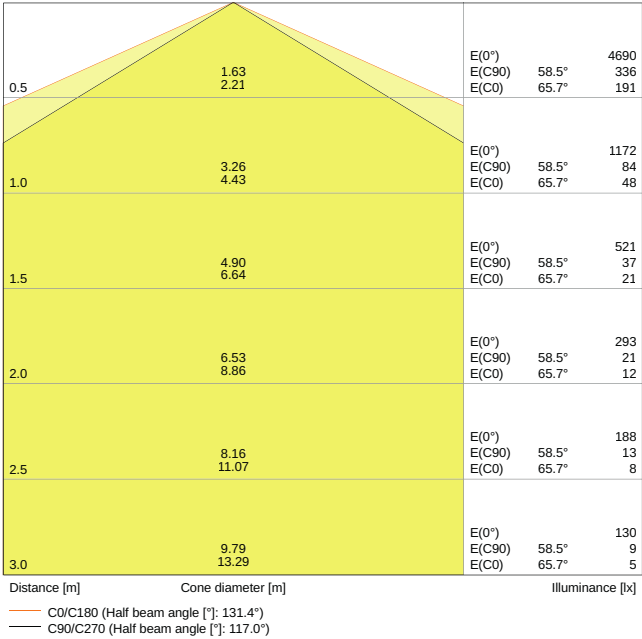
- Aluminum housing, PMMA diffuser

TECHNICAL DATA**Electrical data**

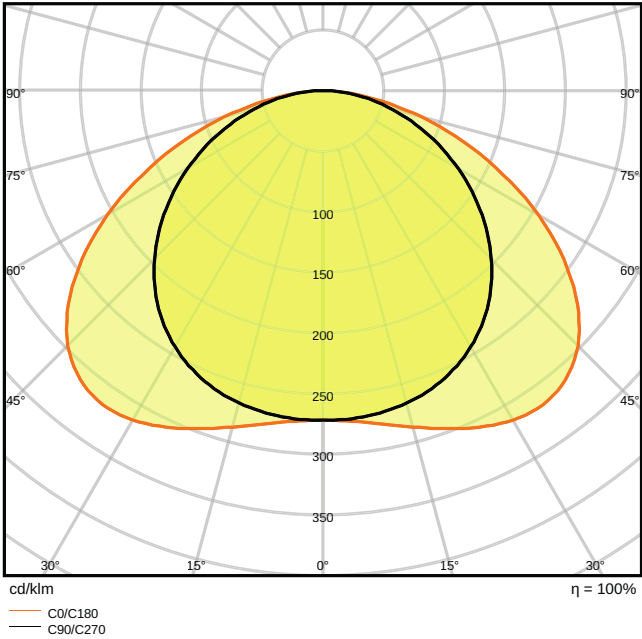
Nominal wattage	36.00 W
Nominal voltage	220...240 V
Mains frequency	50/60 Hz
Nominal current	190 mA
Inrush current	15 A
Inrush current time T_{H50}	460 μ s
Max. no. of lum. on circuit break. B16 A	17
Max. no. of lum. on circuit break. C10 A	35
Max. no. of lum. on circuit break. C16 A	56
Power factor 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 sdcn
Luminous intensity	-
Low flicker	Yes
Flickering metric (Pst LM)	-
Stroboscope effect metric (SVM)	-
Photobiological safety group acc. to EN62778	RG0
Beam angle	120 °



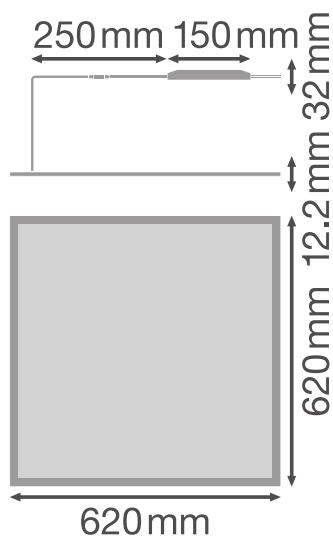
LDC typ cone



LDC typ polar

Dimensions & Weight

Length	620.00 mm
Width	620.00 mm
Height	12.60 mm
Product weight	3200.00 g



Materials & Colors

Product color	White
Housing color	White
Body material	Aluminum
Cover material	Polymethylmethacrylate (PMMA)
Light emitting surface material	PMMA
Glow Wire Test according to IEC 60695-2-12	650 °C
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-10...+45 °C
Type of connection	Screw terminal, 2-Pole (L,N)
Type of protection	IP54/IP20
Protection class IK (shock resistance)	IK03
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	50,0 mm
LED module replaceable	Not replaceable

With light source	Yes
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Lifespan

Lifespan L70/B50 at 25 °C	80000 h
Lifespan L80/B10 at 25 °C	60000 h
Lifespan L90/B10 at 25 °C	35000 h
Number of switching cycles	25000

Control gear

ECG - Length	150 mm
ECG - Width	41.4 mm
ECG - Height	30 mm

Certificates & Standards

Standards	CE / CB / ENEC / TÜV SÜD / EAC
Luminaire with limited surface temperature, "D sign"	No
Ball shot safe	No

EQUIPMENT / ACCESSORIES

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

DOWNLOAD DATA

DOWNLOAD DATA	
	User instruction PANEL 600 / 625
	Addon Technical Information LSI PANEL AND PANEL DALI
	Tender documents Tender Text 4058075149540
	Certificates Certificates ENEC and TUV PANEL
	Declarations of conformity Attestation of conformity PANEL
	Declarations of conformity Attestation of Conformity Panel 36W OP IP54 TÜV

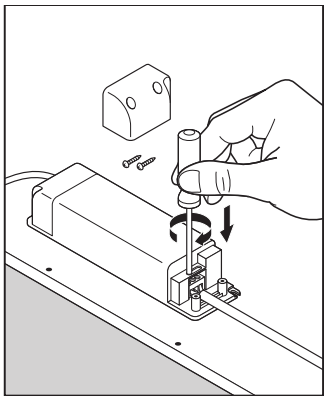
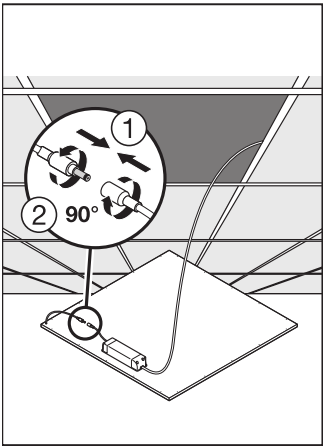
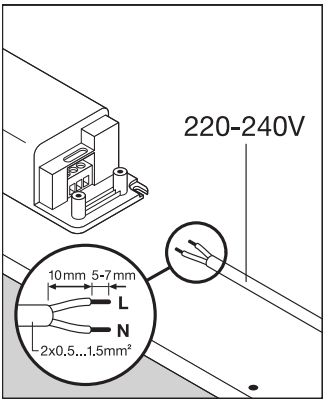
DOWNLOAD DATA	
	Declarations of conformity Declaration of Conformity Panel 600 625 MP OP LEDV
	IES file (IES) Panel 625 36W 4000K OP IP54
	LDT file (Eulumdat) Panel 625 36W 4000K OP IP54
	R3D file (Relux 3D Model) Panel 625
	M3D file (3D Model) Panel_625.m3d
	ULD file (DIALux) PANEL625IP5436W4000KOIP54WT
	UGR file (UGR table) Panel 625 36W 4000K OP IP54

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075149540	Folding box 1	650 mm x 62 mm x 650 mm	3510.00 g	26.20 dm ³
4058075149557	Shipping box 4	665 mm x 270 mm x 670 mm	14950.00 g	120.30 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.