

PRODUCT DATASHEET

PANEL 600 IP54 36 W 3000 K OP WT DALI

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

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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. number of luminaires per miniature circuit breaker B16	23
Max. number of luminaires per miniature circuit breaker C10	23
Max. number of luminaires per miniature circuit breaker C16	38
Power factor λ	> 0.90
Total harmonic distortion	≤ 20 %
Protection class	II
Operating mode	External LED driver
Dimming interface	DALI-2

Photometrical data

Luminous flux	4320 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 sdc _m
Luminous intensity	-
Low flicker	Yes
Flickering metric (Pst LM)	-
Stroboscope effect metric (SVM)	-
Photobiological safety group acc. to EN62778	RG0
Beam angle	120 °

Panel DALI 600 36W 3000K OP IP54

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Dimensions & Weight

Length	595.00 mm
Width	595.00 mm
Height	12.60 mm
Product weight	3200.00 g

PANEL 600 IP54

Materials & Colors

Product color	White
Housing color	White
Body material	Steel
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...+40 °C
Type of connection	Screwless terminal, 5-Pole
Type of protection	IP54/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	575 mm
Mounting width	575 mm
Mounting depth	50,0 mm
With light source	Yes

Lifespan

Lifespan L70/B50 at 25 °C	80000 h ¹⁾
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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	25000

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

Control gear

ECG - Length	150 mm
ECG - Width	43 mm
ECG - Height	30 mm

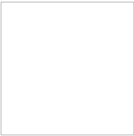
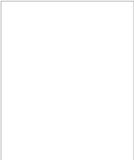
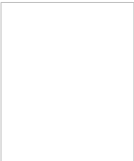
Certificates & Standards

Standards	CE / CB / EAC
Luminaire with limited surface temperature, "D sign"	No
Ball shot safe	No
Replaceable light source (EPREL)	Not replaceable

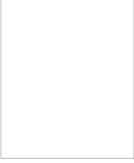
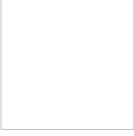
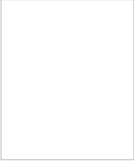
Additional product data

BEG subsidy	No
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Accessories Optional

Product image	Product name	EAN
	PANEL 600 RECESSED MOUNT FRAME	4058075402881
	PANEL Suspension Kit	4058075402928
	PANEL 600 SURFACE MOUNT KIT H70 VAL	4058075402843













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Product image	Product name	EAN
	PANEL RECESSED MOUNT CLIPS VAL 4x	4058075409859
	CONNECTOR BOX 5POLE L/N/PE/D+/D- 4x	4058075473034
	PANEL 600 SURFACE MOUNT KIT H75	4058075472914

EQUIPMENT / ACCESSORIES

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

DOWNLOAD DATA

Documents and certificates		Document name
	User instruction / safety instructions	PANEL 600 / 625 DALI IP54
	Legal information	LSI PANEL AND PANEL DALI
	Legal information	Legal insert DL UGR19 PFM
	Declarations of conformity	Attestation of conformity PANEL
Photometric and lighting design files		Document name
	IES file (IES)	Panel DALI 600 36W 3000K OP IP54
	LDT file (Eulumdat)	Panel DALI 600 36W 3000K OP IP54
	ULD file (DIALux)	PL DALI 600 36W-3000K OP IP54
	UGR file (UGR table)	Panel DALI 600 36W 3000K OP IP54
	Light distribution curve type cone	Panel DALI 600 36W 3000K OP IP54
	Light distribution curve type polar	Panel DALI 600 36W 3000K OP IP54
CAD/BIM files		Document name
	BIM Revit 3D	Panel IP54
	CAD STEP 3D	PL IP54 600

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Tender texts	Document name
Tender documents	PANEL 600 IP54 36 W 3000 K OP WT DALI-EN

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075217720	Folding box 1	650 mm x 62 mm x 650 mm	3510.00 g	26.20 dm ³
4058075217737	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.

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