

PRODUCT DATASHEET

LED 2X2 PANEL 36 W/6500 K

LED PANEL 2 X 2 | LED panel luminaires with backlit



Areas of application

- Offices
- Retail
- Recreational facilities
- Shopping malls
- Hospitals

Product benefits

- High power LED provides high lumen output
- Low maintenance costs thanks to long lifetime

Product features

- Integrated 220...240 V_{AC} driver
- High luminous efficacy: up to 100 lm/W
- Available with color temperature: 3,000 K, 4,000 K, 6,500 K
- Color rendering index R_a: > 80
- Power factor: > 0.9
- Mounting type: ceiling recessed mounting
- Long lifetime: up to 35,000 h
- Certified by BIS



TECHNICAL DATA

Electrical data

Nominal wattage	36.00 W
Nominal voltage	220...240 V
Mains frequency	50 Hz
Nominal current	150.000 mA
Power factor λ	≥ 0.90
Protection class	II

Photometrical data

Luminous flux	3600 lm
Luminous efficacy	100 lm/W
Color temperature	6500 K
Light color (designation)	Daylight
Color rendering index Ra	80
Standard deviation of color matching	≤ 7 sdcn
Beam angle	120 °

Dimensions & Weight

Length	595.00 mm
Width	595.00 mm
Height	75.00 mm
Product weight	230.00 g

Materials & Colors

Product color	White
Housing color	White
Body material	Metal
Cover material	Plastic
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-10...+45 °C
Temperature range at storage	-20...+70 °C
Type of connection	Connector
Type of protection	IP20

Dimmable	No
Mounting type	Recessed
Mounting location	Ceiling
Application environment	Indoor
Replaceable light source	No

Lifespan


Lifespan L70/B50 at 25 °C	35000 h ¹⁾
Number of switching cycles	12500

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


Certificates & Standards

Replaceable light source (EPREL)	Not replaceable
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Accessories Optional

Product image	Product name	EAN
	Panel Accessory Recessed Mounting Spring	4058075318915

DOWNLOAD DATA

Photometric and lighting design files		Document name
	IES file (IES)	LED 2X2 PANEL 36W LIN

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075211100	Unpacked 1	595 mm x 595 mm x 80 mm		28.32 dm ³
4058075211117	Shipping box 2	685 mm x 675 mm x 190 mm	1960.00 g	87.85 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.