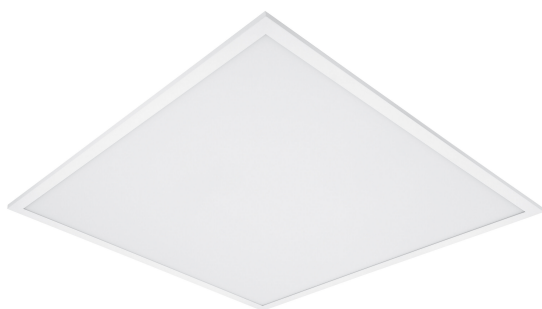


# PRODUCT DATASHEET

## PANEL LED 595.00 mm x 595.00 mm 40 W 6500 K

LEDVANCE PANEL LED | LED panel luminaires



### Areas of application

- Offices
- Retail
- Hospitals
- Recreational facilities

### Product benefits

- Low maintenance and operation costs due to long lifetime of LED
- Very slim aluminum housing (only 10.5 mm) and matt white frame
- Edge-lit with LCD backlight technology
- High efficiency and reliability

### Product features

- Available in sizes: 300 x 600 mm, 600 x 600 mm, 300 x 1200 mm and 600 x 1200 mm
- High system efficiency: up to 100 lm/W
- Available with color temperature: 4,000 K, 6,500 K
- Color rendering index  $R_a \geq 80$
- Power factor:  $> 0.9$
- Long lifetime: up to 30,000 h
- CCC marked, CB test certificate



TECHNICAL DATA

Electrical data

Nominal wattage	40.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Power factor $\lambda$	0.90
Total harmonic distortion	< 20 %
Protection class	II

Photometrical data

Luminous flux	4000 lm
Luminous efficacy	100 lm/W
Color temperature	6500 K
Light color (designation)	Daylight
Color rendering index Ra	80
Standard deviation of color matching	≤5 sdc <sub>m</sub>
Beam angle	115 °

Dimensions & Weight

Length	595.00 mm
Width	595.00 mm
Height	8.20 mm
Product weight	2400.00 g

Materials & Colors

Product color	White
Housing color	White
Body material	Aluminum Plastic
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-10...+50 °C
Temperature range at storage	-20...+70 °C
Type of protection	IP44/IP20
Dimmable	No
Mounting type	Recessed

Mounting location	Ceiling
Application environment	Indoor
Replaceable light source	No

### Lifespan

Lifespan L70/B50 at 25 °C	30000 h <sup>1)</sup>
Number of switching cycles	30000

<sup>1)</sup> 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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## EQUIPMENT / ACCESSORIES

– For recessed mounting (surface or pendant mouting requires mounting accessories)

## DOWNLOAD DATA

Photometric and lighting design files		Document name
	IES file (IES)	PANEL LED 0606 40W/6500K ME

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075065772	Folding box 1	645 mm x 45 mm x 675 mm	2695.00 g	19.59 dm <sup>3</sup>
4058075065789	Shipping box 5	666 mm x 252 mm x 695 mm	15914.00 g	116.64 dm <sup>3</sup>

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.