

# PRODUCT DATASHEET

# LED ECO PANEL BACKLIT G2 | Panel luminaires



## Areas of application

- Office areas
- Retail
- Hospitals
- Public areas

## Product benefits

- Sturdy SPCC housing
- Safety compliance certificates: CB, EU RoHS 2.0
- Low maintenance costs thanks to long lifetime
- Seamless aluminum frame design
- High system efficacy up to 90lm/W reduce energy consumption

#### Product features

- Latest backlit LED technology platform
- Available in standard 600 x 600 mm, 300 x 1200 mm & 600 x 1200 mm size
- Standard CCT: 4000 K & 6500 K, 3000 K on request
- Color rendering index R<sub>a</sub>: > 80
- Power factor: > 0.9
- Recess mount with optional plaster ceiling mounting clips and suspension kit
- Integrated heat resistance lens for uniform light distribution, reduce product height to only 34 mm

## **TECHNICAL DATA**

## Electrical data

Nominal wattage	36.00 W
Nominal voltage	220240 V
Mains frequency	5060 Hz
Power factor $\lambda$	> 0.90
Protection class	П

# Photometrical data

Luminous flux	3240 lm
Luminous efficacy	90 lm/W
Color temperature	6500 K
Color rendering index Ra	> 80
Standard deviation of color matching	5 sdcm
Photobiological safety group acc. to EN62778	RG0
Beam angle	120°

# Dimensions & Weight

Length	595.00 mm
Width	595.00 mm
Height	32.00 mm
Product weight	1425.00 g

# LDECO PL0606B

## Materials & Colors

Body material	Steel
Mercury content	0.0 mg

# **Application & Mounting**

Type of protection	IP40/IP20
Dimmable	No
Mounting location	Ceiling
Application environment	Indoor
Replaceable light source	No

## Lifespan

Lifespan L70/B50 at 25 °C	50000 h <sup>1)</sup>
Lifespair L70/D00 at 20 0	30000 H 7

<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

Standards	CB / ROHS
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# LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854030994	Folding box 1	643 mm x 605 mm x 37 mm	2151.00 g	14.39 dm³
4099854031007	Shipping box 6	690 mm x 237 mm x 659 mm	13937.00 g	107.77 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.