

# PRODUCT DATASHEET

LED ECO PANEL BACKLIT G2 | Panel luminaires



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## Areas of application

- Office areas
- Retail
- Hospitals
- Public areas

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## 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

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## 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  $R_a$ : > 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	220...240 V
Mains frequency	50...60 Hz
Power factor $\lambda$	> 0.90
Protection class	II

### Photometrical data

Luminous flux	3240 lm
Luminous efficacy	90 lm/W
Color temperature	4000...6500 K
Color rendering index Ra	> 80
Standard deviation of color matching	5 sdc <sub>m</sub>
Photobiological safety group acc. to EN62778	RG0
Beam angle	120 °

### Dimensions & Weight

Length	1195.00 mm
Width	295.00 mm
Height	32.00 mm
Product weight	1510.00 g

LDECO PL0312B TRI

### Materials & Colors

Body material	Steel
Mercury content	0.0 mg

### Application & Mounting

Type of protection	IP40/IP20
Dimmable	No
Mounting type	Recessed/Suspended/Surface
Mounting location	Ceiling
Application environment	Indoor
LED module replaceable	Not replaceable

## Lifespan

Lifespan L70/B50 at 25 °C	50000 h <sup>1)</sup>
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<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
4099854031151	Folding box 1	1,243 mm x 305 mm x 42 mm	2163.00 g	15.92 dm <sup>3</sup>
4099854031168	Shipping box 6	1,287 mm x 267 mm x 359 mm	14183.00 g	123.36 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.