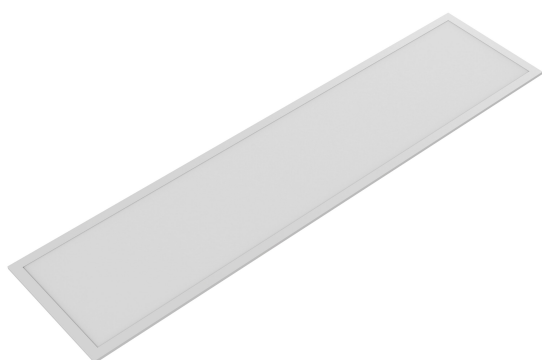


# PRODUCT DATASHEET

## 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  $R_a > 80$
- 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                                | 2980 lm |
| Luminous efficacy                            | 83 lm/W |
| Color temperature                            | 3000 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         | 1195.00 mm |
| Width          | 295.00 mm  |
| Height         | 32.00 mm   |
| Product weight | 1425.00 g  |

LDECO PL0312B

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> |
|---------------------------|-----------------------|

1) 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       |
| Replaceable light source (EPREL) | Not replaceable |

LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume     |
|---------------|------------------------------|--------------------------------------|--------------|------------|
| 4099854031014 | Folding box<br>1             | 1,243 mm x 305 mm x 42 mm            | 2113.00 g    | 15.92 dm³  |
| 4099854031021 | Shipping box<br>6            | 1,287 mm x 267 mm x 359 mm           | 13883.00 g   | 123.36 dm³ |

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.