

PRODUCT DATASHEET

ECO PANEL 600 40 W/4000 K

ECO CLASS PANEL 600 | Square recessed panel luminaires, 600 x 600 mm



Areas of application

- Direct replacement for luminaires with fluorescent lamps
- Corridors
- Offices
- Conference rooms
- Foyers
- Reception areas
- Elevators
- Suitable for recessed ceiling systems with grid size of 600 x 600 mm

Product benefits

- Low flicker light thanks to special electronic control gear
- Energy savings thanks to system efficacy of up to 90 lm/W
- Fast ceiling integration thanks to easy installation system

Product features

- Lifetime (L70/B50): up to 50,000 h (at 25 °C)
- Extruded aluminum housing
- Polystyrene diffuser



TECHNICAL DATA

Electrical data

| | |
|---------------------------|-------------------------------|
| Nominal wattage | 40.00 W |
| Nominal voltage | 220...240 V |
| Mains frequency | 50...60 Hz |
| Nominal current | 1200.000 mA |
| Power factor λ | > 0.90 |
| Total harmonic distortion | < 15 % |
| Protection class | II |
| Operating mode | Electronic control gear (ECG) |

Photometrical data

| | |
|--|----------------------|
| Luminous flux | 3400 lm |
| Luminous efficacy | 85 lm/W |
| Color temperature | 4000 K |
| Light color (designation) | Cool White |
| Color rendering index Ra | > 80 |
| Standard deviation of color matching | < 6 sdc _m |
| Photobiological safety group acc. to EN62778 | RG0 |
| Photobiological safety group acc. to EN62471 | RG0 |
| Beam angle | 115 ° |
| UGR | < 22 |

Dimensions & Weight

| | |
|----------------|-----------|
| Length | 595.00 mm |
| Width | 595.00 mm |
| Height | 8.20 mm |
| Product weight | 2200.00 g |

Materials & Colors

| | |
|--|------------------|
| Product color | White |
| Housing color | White |
| Body material | Aluminum |
| Cover material | Polystyrene (PS) |
| Light emitting surface material | PMMA |
| Glow Wire Test according to IEC 60695-2-12 | 650 °C |

| | |
|-----------------|--------|
| Mercury content | 0.0 mg |
|-----------------|--------|

Application & Mounting

| | |
|--|-----------------|
| Ambient temperature range | -10...+45 °C |
| Type of connection | Cable, 3-pole |
| Type of protection | IP20 |
| Protection class IK (shock resistance) | IK02 |
| Dimmable | No |
| Mounting type | Recessed |
| Mounting location | Ceiling |
| Application environment | Indoor |
| Mounting length | 580 mm |
| Mounting width | 580 mm |
| Mounting depth | 10,0 mm |
| LED module replaceable | Not replaceable |
| With light source | No |

Lifespan

| | |
|---------------------------|-----------------------|
| Lifespan L70/B50 at 25 °C | 50000 h ¹⁾ |
|---------------------------|-----------------------|

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 | CE |
|-----------|----|

Additional product data

| | |
|-----------------------|---|
| Number of illuminants | 2 |
|-----------------------|---|

EQUIPMENT / ACCESSORIES

– Accessories for several mounting options available

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075285040 | Folding box 1 | 645 mm x 675 mm x 34 mm | 2695.00 g | 14.80 dm ³ |
| 4058075285057 | Shipping box 5 | 666 mm x 692 mm x 190 mm | 14695.00 g | 87.57 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.