

PRODUCT DATASHEET

ECO PANEL 600 40 W/6500 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	6500 K
Light color (designation)	Cool Daylight
Color rendering index Ra	> 80
Standard deviation of color matching	< 6 sdcm
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
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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
With light source	No
Replaceable light source	No

Lifespan

Lifespan L70/B50 at 25 °C	50000 h ¹⁾
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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
Replaceable light source (EPREL)	Not replaceable

Additional product data

Number of illuminants	2
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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
4058075285088	Folding box 1	645 mm x 675 mm x 34 mm	2695.00 g	14.80 dm ³

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075285095	Shipping box 5	666 mm x 692 mm x 190 mm	14695.00 g	87.57 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.