PRODUCT DATASHEET
Panel Essential 60x60cm 50W CCT

Essentials Panel | Essential Panels for basic user purposes

Areas of application

– Living areas

Product benefits

– Homogenous light distribution
– Easy and quick installation
– 2 in 1 Design: recessed mounting or surface mounting with add-on kit
– Surface mounting frame for 60 x 60 Panel for Screwless mounting

Product features

– Wall and ceiling luminaire
– Recess panel can be used as a surface panel when frame set is bought seperatly
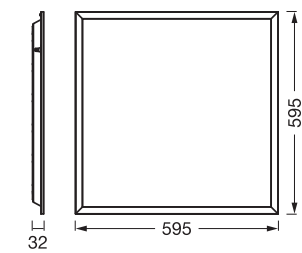
TECHNICAL DATA

Electrical data

Nominal wattage	50.00 W
Nominal voltage	220…240 V
Mains frequency	50…60 Hz
Nominal current	235.000 mA
Inrush current	0.235 A
Inrush current time T_{h50}	700 µs
Max. number of luminaires per miniature circuit breaker B16	13
Max. number of luminaires per miniature circuit breaker C16	21
Power factor λ	> 0.90
Total harmonic distortion	< 20 %
Protection class	II
Operating mode	Mains voltage

Photometrical data

Luminous flux	4500 lm
Total luminous flux of contained light sources	5800 lm
Luminous efficacy	90 lm/W
Color temperature	3000…6500 K
Light color (designation)	Warm White / Cool White / Cool Daylight
Color rendering index Ra	> 80
Standard deviation of color matching	< 6 sdcm
Flickering metric (Pst LM)	< 1
Stroboscope effect metric (SVM)	< 0.4
Photobiological safety group acc. to EN62778	RG0
Beam angle	90 °
UGR	23

Dimensions & Weight

Length	595.00 mm
Width	595.00 mm
Height	32.00 mm
Product weight	1520.00 g

PANEL ESSENTIAL 60X60CM

Materials & Colors

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

Application & Mounting

Ambient temperature range	-10…+50 °C
Temperature range at storage	-20…+80 °C
Type of connection	Terminal, 2-Pole (L, N)
Type of protection	IP20
Dimmable	No
Mounting type	Surface
Mounting location	Ceiling
Application environment	Indoor
With light source	Yes
Replaceable light source	No

Lifespan

Lifespan L70/B50 at 25 °C	30000 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
Luminaire with limited surface temperature, "D sign"	No

Replaceable light source (EPREL)	Not replaceable

EQUIPMENT / ACCESSORIES

– Driver included
– For recessed mounting (surface or pendant mouting requires mounting accessories)

Safety advice

– All electrical connections must be made by a qualified person.
– Caution, risk of electric shock.
– The luminaires are not suitable for covering with thermally insulated material.
– Check wall-ceiling for suitability. If uncertain, seek professional advice.
– Product in protection class I. All electrically conductive, metallic housing parts that can absorb voltage during operation or during maintenance in the event of a fault must be continuously connected to the protective earthing conductor.

DOWNLOAD DATA

	Documents and certificates	Document name
PDF	User instruction / safety instructions	PANEL ESSENTIAL
PDF	Declarations of conformity	PANEL ESSENTIAL

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075845176	Folding box 1	36 mm x 600 mm x 645 mm	1884.00 g	13.93 dm³
4058075845183	Shipping box 4	620 mm x 165 mm x 670 mm	8654.00 g	68.54 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.