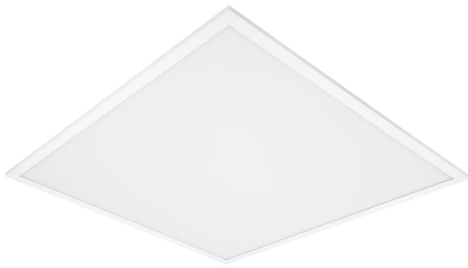# PRODUCT DATASHEET
ECO PANEL 600 36 W/3000 K

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
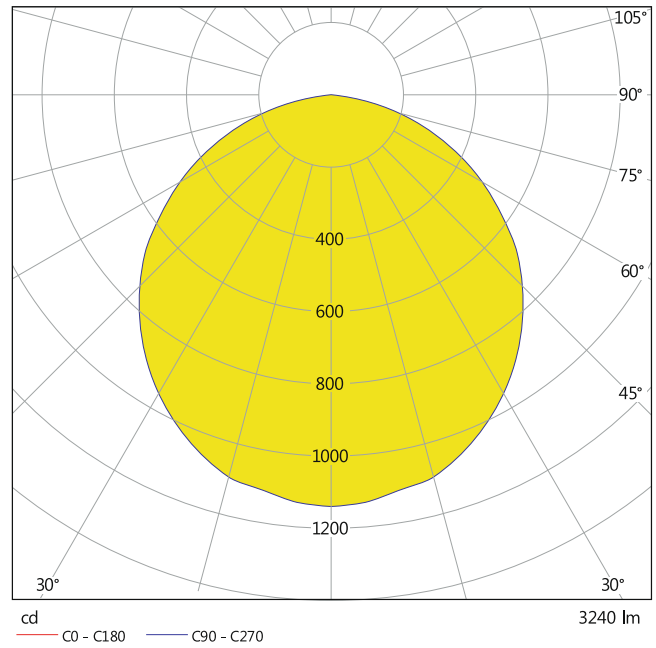
TECHNICAL DATA

Electrical data

Nominal wattage	36.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	750 mA
Max. no. of lum. on circuit break. B16 A	19
Max. no. of lum. on circuit break. C10 A	19
Max. no. of lum. on circuit break. C16 A	30
Power factor λ	0.95
Total harmonic distortion	< 15 %
Protection class	II
Operating mode	External LED driver

Photometrical data

Luminous flux	3240 lm
Luminous efficacy	90 lm/W
Color temperature	3000 K
Light color (designation)	Warm White
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	120 °
UGR	< 22

0.5	1.47	E(0°) E(C0) 55.7°	4569 409
1.0	2.93	E(0°) E(C0) 55.7°	1142 102
1.5	4.40	E(0°) E(C0) 55.7°	508 45
2.0	5.86	E(0°) E(C0) 55.7°	286 26
2.5	7.33	E(0°) E(C0) 55.7°	183 16
3.0	8.80	E(0°) E(C0) 55.7°	127 11

Distance [m]   Cone Diameter [m]   Illuminance [lx]
—— C0 - C180 (Half-value Angle: 111.4°)

cd   3240 lm
—— C0 - C180   —— C90 - C270

LDC typ cone

LDC typ polar

Dimensions & Weight

Length	595.00 mm
Width	595.00 mm
Height	34.00 mm
Product weight	1800.00 g

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
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-10...+45 °C
Type of connection	Push button terminal, 2-pole

Type of protection	IP40
Protection class IK (shock resistance)	IK02
Dimmable	No
Mounting type	Recessed
Mounting location	Ceiling / Wall
Application environment	Indoor
Mounting length	580 mm
Mounting width	580 mm
Mounting depth	50,0 mm
LED module replaceable	Not replaceable
With light source	No

Lifespan

Lifespan L70/B50 at 25 °C	50000 h

Certificates & Standards

Standards	CE / EAC / REACH / RoHS

EQUIPMENT / ACCESSORIES

– Accessories for several mounting options available

DOWNLOAD DATA

	DOWNLOAD DATA
	Tender documents
	IES file (IES)
	LDT file (Eulumdat)
	UGR file (UGR table)

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075386631	Shipping box 4	667 mm x 182 mm x 627 mm	10165.00 g	76.11 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.