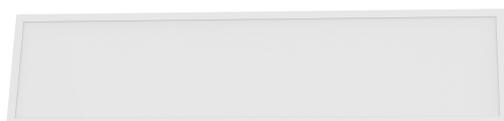




PRODUCT DATASHEET

ECO TC PANEL LPANE38W312 38W TC 0312

ECO TRI COLOUR UGR22 PANEL | Eco Tri Colour Panel offers 3000K/4000K/5700K flexibility in four sizes for varied ceilings. Provides flicker-free comfort, double insulation and energy-efficient, modern lighting



Areas of application

- Offices, conference rooms
- Reception areas and foyers
- Entrances / Hallways
- Retail
- Hospitality
- Libraries, schools

Product benefits

- Three selectable colour temperatures for versatile and adaptable ambiance
- Four varying sizes supporting flexible installation across various ceiling types
- Provides comfortable, flicker-free illumination for visual comfort
- Extra safety and stability especially in seismic zones

Product features

- Tri color selectable: 3000K/4000K/5700K
- Available in four size options: 300x600mm, 600x600mm, 300x1200mm and 600x1200mm
- It delivers flicker-free illumination, ensuring a stable and comfortable visual experience
- Double insulation enhances electrical safety
- Seismic-compliant pre-installed tabs for secure overhead suspension installation

TECHNICAL DATA

Electrical data

Nominal wattage	40.00 W
Nominal voltage	220...240 V
Nominal current	650.000 mA
Inrush current	27.6 A
Inrush current time T_{h50}	72 μ s
Max. number of luminaires per miniature circuit breaker B16	32
Max. number of luminaires per miniature circuit breaker C10	33
Max. number of luminaires per miniature circuit breaker C16	55
Power factor λ	> 0.90
Total harmonic distortion	< 15 %
Protection class	II

Photometrical data

Luminous flux	4000 lm
Luminous efficacy	100 lm/W
Color temperature	3000 K / 4000 K / 5700 K
Light color (designation)	Warm White
Color rendering index Ra	80
Flickering metric (Pst LM)	<1
Stroboscope effect metric (SVM)	< 0.4
Photobiological safety group acc. to EN62778	RG1
Beam angle	120 °
UGR	< 25

Dimensions & Weight

Length	295.00 mm
Width	1195.00 mm
Height	32.00 mm
Product weight	1250.00 g

Materials & Colors

Product color	White
Housing color	White
RAL Color (most similar)	RAL9016
Body material	Aluminum
Glow Wire Test according to IEC 60695-2-12	650 °C

Application & Mounting

Ambient temperature range	-20...+40 °C
Temperature range at storage	-20...80 °C
Type of connection	Cable, Plug type I
Protection class IK (shock resistance)	IK03
Dimmable	No
Mounting width	1200 mm
With light source	No
Replaceable light source	No

Lifespan

Lifespan L70/B50 at 25 °C	140000 h ¹⁾
Lifespan L80/B10 at 25 °C	90000 h ¹⁾
Lifespan L80/B50 at 25 °C	90000 h
Lifespan L90/B10 at 25 °C	44000 h

¹⁾ t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

Control gear

Output current	800 mA
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Emergency lighting

Type of emergency operation test	None
Luminous flux in emergency operation mode	NO

Certificates & Standards

Luminaire with limited surface temperature, "D sign"	Yes
Ball shot safe	No
Replaceable light source (EPREL)	Not replaceable

Additional product data

Number of illuminants	96
Added function	MULTI SELECT

DOWNLOAD DATA

Documents and certificates	Document name
 User instruction / safety instructions	ECO TC Panel

Photometric and lighting design files		Document name
	IES file (IES)	IES File

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854618482	Folding box 1	1,247 mm x 37 mm x 303 mm	1645.00 g	13.98 dm ³
4099854597275	Shipping box 6	1,280 mm x 246 mm x 343 mm	10735.00 g	108.00 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.