

# PRODUCT DATASHEET Planon Plus 300x600mm 22W 830 White

PLANON™ Plus | Slim panel luminaires for surface mounting



#### Areas of application

- For indoor use only
- Decorative domestic lighting
- Ceilings

## Product benefits

- Very homogenous light
- Quick and simple installation by one person

#### **Product features**

- Ceiling luminaire with advanced LED technology
- Available in square and rectangular form
- Color temperature: 3,000 K (Warm White) or 4,000 K (Neutral White)



# TECHNICAL DATA

# Electrical data

Nominal wattage	22.00 W
Nominal voltage	220240 V
Mains frequency	5060 Hz
Nominal current	110.000 mA
Inrush current time T <sub>h50</sub>	380 µs
Max. number of luminaires per miniature circuit breaker B16	23
Max. number of luminaires per miniature circuit breaker C10	23
Max. number of luminaires per miniature circuit breaker C16	36
Power factor λ	> 0.90
Total harmonic distortion	< 20 %
Protection class	II II
Operating mode	Mains voltage

# Photometrical data

Luminous flux	1600 lm
Total luminous flux of contained light sources	2300 lm
Luminous efficacy	73 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	RG1
Beam angle	120°

# Dimensions & Weight

Length	595.00 mm
Width	295.00 mm
Height	50.00 mm
Product weight	1500.00 g



PLANON PLUS 30X60 22W 830

## 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	-20+40 °C
Temperature range at storage	-20+80 °C
Type of connection	Terminal, 2-Pole (L, N)
Type of protection	IP20
Protection class IK (shock resistance)	IK02
Dimmable	No
Mounting type	Surface
Application environment	Indoor
With light source	Yes
Replaceable light source	No

# Lifespan

Lifespan L70/B50 at 25 °C	25000 h <sup>1)</sup>
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<sup>1)</sup> 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 / UKCA
Luminaire with limited surface temperature, "D sign"	No
Ball shot safe	No
Replaceable light source (EPREL)	Not replaceable

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## **EQUIPMENT / ACCESSORIES**

- Pre-assembled mounting kit, screws and dowels included

## Safety advice

- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.
- Check wall-ceiling for suitability. If uncertain, seek professional advice.

## **DOWNLOAD DATA**

	Documents and certificates	Document name	
PDF	User instruction / safety instructions	PLANON PLUS	
PDF	Legal information	Safety insert G11219301	
PDF	Declarations of conformity	DECOR LUM PLANON	
PDF	Declarations of conformity UKCA	DECOR LUM PLANON	

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854452710	Folding box	57 mm x 302 mm x 605 mm	1985.00 g	10.41 dm <sup>3</sup>
4099854452727	Shipping box 4	618 mm x 240 mm x 325 mm	7940.00 g	48.20 dm <sup>3</sup>

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.