

# PRODUCT DATASHEET

## Planon Frameless 1200x100mm 30W 830 White

PLANON™ Frameless | Frameless panel luminaires for wall and ceiling mounting

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### Areas of application

- Indoor applications
- Decorative domestic lighting
- Wall and ceiling surface mounting
- Offices
- Living rooms



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### Product benefits

- Homogenous light distribution
- Easy and quick installation
- Slim and sleek design

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### Product features

- Ceiling luminaire with advanced LED technology
- Aluminum housing, frosted PMMA diffuser
- Color temperature: 3,000 K
- Available in square, rectangular and round form



## TECHNICAL DATA

### Electrical data

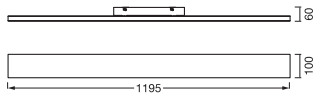
Nominal wattage	35.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	150.000 mA
Inrush current	0.15 A
Inrush current time $T_{h50}$	380 $\mu$ s
Max. number of luminaires per miniature circuit breaker B16	23
Max. number of luminaires per miniature circuit breaker C10	23
Max. number of luminaires per miniature circuit breaker C16	36
Power factor $\lambda$	> 0.90
Total harmonic distortion	< 20 %
Protection class	II
Operating mode	Mains voltage

### Photometrical data

Luminous flux	2500 lm
Total luminous flux of contained light sources	3300 lm
Luminous efficacy	83 lm/W
Color temperature	3000 K
Light color (designation)	Warm White
Color rendering index Ra	> 80
Standard deviation of color matching	$\leq 6$ sdc <sub>m</sub>
Flickering metric (Pst LM)	< 1
Stroboscope effect metric (SVM)	< 0.4
Photobiological safety group acc. to EN62778	RG1
Beam angle	120 °

### Dimensions & Weight

Length	1195.00 mm
Width	100.00 mm
Height	60.00 mm
Product weight	1850.00 g



PLANON FRAMELESS 1200X100  
35W 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
Mounting location	Ceiling
Application environment	Indoor
With light source	Yes

### 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
Replaceable light source (EPREL)	Not replaceable




### EQUIPMENT / ACCESSORIES

- Complete mounting and connecting accessories included

### 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.

### DOWNLOAD DATA

Documents and certificates		Document name
	User instruction / safety instructions	PLANON FRAMELESS 830
	Declarations of conformity	DECOR LUM PLANON
	Declarations of conformity UKCA	DECOR LUM PLANON

### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854291081	Folding box 1	67 mm x 1,204 mm x 108 mm	2088.00 g	8.71 dm <sup>3</sup>
4099854291098	Shipping box 4	1,218 mm x 282 mm x 130 mm	9305.00 g	44.65 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.