

PRODUCT DATASHEET

Planon Frameless 300x300mm 19W 3000K

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



Areas of application

- Indoor applications
- Decorative domestic lighting
- Wall and ceiling surface mounting

Product benefits

- Homogenous light distribution
- Easy and quick installation

Product features

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



TECHNICAL DATA

Electrical data

Nominal wattage	19.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	84.000 mA
Inrush current	20 A
Power factor λ	> 0.90
Protection class	II
Operating mode	Mains voltage

Photometrical data

Luminous flux	1500 lm
Total luminous flux of contained light sources	2100 lm
Luminous efficacy	80 lm/W
Color temperature	3000 K
Light color (designation)	Warm White
Color rendering index Ra	80
Standard deviation of color matching	≤6 sdc _m
Photobiological safety group acc. to EN62778	RG1
Photobiological safety group acc. to EN62471	RG0
Beam angle	110 °

Dimensions & Weight

Length	300.00 mm
Width	300.00 mm
Height	62.00 mm
Product weight	1500.00 g

PLANON FRAMELESS 300X300
19W 830

Materials & Colors

Product color	White
Housing color	White
Body material	Aluminum
Cover material	Polymethylmethacrylate (PMMA)
Light emitting surface material	PMMA
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-20...+40 °C
Temperature range at storage	-20...+80 °C
Type of connection	Screwless terminal
Type of protection	IP20
Protection class IK (shock resistance)	IK03
Dimmable	No
Mounting type	Surface
Mounting location	Ceiling
Application environment	Indoor
With light source	Yes

Lifespan

Lifespan L70/B50 at 25 °C	25000 h ¹⁾
Number of switching cycles	15000

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

Emergency lighting

Type of emergency light operation	Non-maintained
Luminous flux in maintained operation mode	-
Luminous flux in emergency operation mode	-

Certificates & Standards

Standards	CE / EAC / UKCA
Luminaire with limited surface temperature, "D sign"	No
Replaceable light source (EPREL)	Not replaceable

EQUIPMENT / ACCESSORIES




- Complete mounting and connecting accessories included

- Driver 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
	User instruction / safety instructions	PLANON FRAMELESS
	Declarations of conformity	PLANON FRAMELESS
	Declarations of conformity UKCA	Fixed LUM

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075470675	Folding box 1	335 mm x 95 mm x 337 mm	1679.00 g	10.73 dm ³
4058075470682	Shipping box 5	492 mm x 353 mm x 366 mm	9100.00 g	63.57 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.