

# PRODUCT DATASHEET

## SUN@Home Planon Frameless 1200x300mm

SUN@HOME FRAMELESS PANELS | Frameless Panel Luminaires with Human Centric Lighting Technology

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### Areas of application

- Indoor applications
- Kitchens, living rooms, children's rooms or home offices



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### Product benefits

- Enable increased concentration and efficiency
- Improve overall activity level and daytime alertness
- Improve sleeping rhythm and –intensity
- Improve optic convenience
- Enables an improved level of clean-air-safety by killing residential germs and bad odors
- Homogenous light distribution
- Easy and quick installation

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### Product features

- Adjustable color temperature via Tunable White: 2,200...5,000 K
- Controllable via LEDVANCE SMART+ App (with minimum Android 8.0 or iOS 14.0)
- Controllable via voice control available: Google Assistant or Amazon Alexa
- Dimmable
- Innovative Fullspectrum SunLike LEDs with CRI95
- SunLike LEDs with reduced Blue Light in LED Spectrum



- Innovative luminaire coating-technology fighting household germs and odors
- Automated biorhythm feature

## TECHNICAL DATA

### Electrical data

Nominal wattage	35.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Inrush current	20 A
Power factor $\lambda$	$\geq 0.5$
Protection class	II
Operating mode	Mains voltage

### Photometrical data

Luminous flux	2300 lm
Total luminous flux of contained light sources	3250 lm
Luminous efficacy	95 lm/W
Color temperature	2200...5000 K
Reference control setting of contained light source (Kelvin)	2700 K
Light color (designation)	Tunable White
Color rendering index Ra	> 95
Standard deviation of color matching	< 6 sdc <sub>m</sub>
Flickering metric (Pst LM)	$\leq 1$ %
Photobiological safety group acc. to EN62778	RG0
Photobiological safety group acc. to EN62471	RG0
Beam angle	110 °

### Dimensions & Weight

Length	1200.00 mm
Width	300.00 mm
Height	61.00 mm
Product weight	4484.00 g

HCL SMART Planon Frameless  
120x30TW

### Materials & Colors

Product color	White
Housing color	White
Body material	Aluminum
Cover material	Polycarbonate (PC)
Mercury content	0.0 mg

### Application & Mounting

Ambient temperature range	-20...+40 °C
Temperature range at storage	-20...+80 °C
Type of connection	Terminal
Type of protection	IP20
Protection class IK (shock resistance)	IK03
Dimmable	Yes
Type of dimming	WiFi
Mounting type	Surface
Mounting location	Ceiling
Application environment	Indoor
With light source	Yes

### Lifespan

Lifespan L70/B50 at 25 °C	30000 h
Number of switching cycles	15000

### Emergency lighting

Type of emergency light operation	Non-maintained
Type of emergency operation test	None
Luminous flux in maintained operation mode	-
Luminous flux in emergency operation mode	-

### Certificates & Standards







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

### 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	SUN@HOME PLANON FRAMELESS
	Legal information	SUN@HOME
	Legal information	Legal insert residential luminaires
	Declarations of conformity	SUN@HOME Smart+ Planon Frameless Square WIFI TW
	Declarations of conformity UKCA	SUNATHOME
CAD/BIM files		Document name
	BIM Step 3D	Sun@Home Planon 120x30

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075575974	Folding box 1	90 mm x 1,246 mm x 345 mm	5096.00 g	38.69 dm <sup>3</sup>
4058075575981	Shipping box 3	1,305 mm x 332 mm x 413 mm	16973.00 g	178.94 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.

## References / Links

– Further information and frequently asked questions (FAQs) at [www.ledvance.com/consumer/smart/faq](http://www.ledvance.com/consumer/smart/faq)

## DISCLAIMER

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