PRODUCT DATASHEET
SUN@Home Planon Frameless 600x600mm

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

Areas of application

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

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

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 λ	≥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 sdcm
Flickering metric (Pst LM)	≤ 1 %
Photobiological safety group acc. to EN62778	RG0
Photobiological safety group acc. to EN62471	RG0
Beam angle	110 °

Dimensions & Weight

Length	600.00 mm
Width	600.00 mm
Height	61.00 mm
Product weight	5090.00 g

HCL SMART Planon Frameless
60x60 TW

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
LED module replaceable	Not replaceable
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

EQUIPMENT / ACCESSORIES

– Control via app or voice control requires compatible Smart home system
– For control via LEDVANCE SMART+ App, a smartphone or tablet is required (with minimum Android 8.0 or iOS 14.0)

– Complete mounting and connecting accessories included

DOWNLOAD DATA

	Documents and certificates	Document name
PDF	User Instruction	SUN@HOME PLANON FRAMELESS
PDF	Legal information	SUN@HOME
PDF	Declarations of conformity	SUN@HOME Smart+ Planon Frameless Square WIFI TW
PDF	Declarations Of Conformity UKCA	SUNATHOME

	CAD/BIM files	Document name
STEP	BIM_Step_3D	Sun@Home Planon Plus 60x60

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075575998	Folding box 1	82 mm x 622 mm x 623 mm	5629.00 g	31.78 dm³
4058075576001	Shipping box 3	682 mm x 308 mm x 690 mm	18308.00 g	144.94 dm³

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

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.