

# PRODUCT DATASHEET SMART+ Wifi Planon 600x100mm TW

SMART+ Planon Frameless TW | Frameless panel luminaires with WiFi technology

## Areas of application

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



## Product benefits

- Easy and quick installation

## **Product features**

- Controllable via LEDVANCE SMART+ App (with minimum Android 8.0 or iOS 14.0)
- Dimmable
- Controllable via voice control available: Google Assistant or Amazon Alexa
- Adjustable color temperature via Tunable White: 3,000...6,500 K
- Network protocol: WiFi



## **TECHNICAL DATA**

## Electrical data

Nominal wattage	28.00 W
Nominal voltage	220240 V
Mains frequency	5060 Hz
Nominal current	137.500 mA
Max. number of luminaires per miniature circuit breaker B16	16
Max. number of luminaires per miniature circuit breaker C16	24
Power factor $\lambda$	> 0.90
Total harmonic distortion	< 20 %
Protection class	II II
Operating mode	Mains voltage

## Photometrical data

Luminous flux	1800 lm
Total luminous flux of contained light sources	3100 lm
Luminous efficacy	64 lm/W
Color temperature	30006500 K
Reference control setting of contained light source (Kelvin)	3000 K <sup>1)</sup>
Light color (designation)	Tunable White
Color rendering index Ra	> 80
Standard deviation of color matching	< 6 sdcm
Flickering metric (Pst LM)	≤1
Stroboscope effect metric (SVM)	≤0.4
Photobiological safety group acc. to EN62778	RG0
Photobiological safety group acc. to EN62471	RG0
Beam angle	110°

<sup>1)</sup> Performing a reset will restore the default values set by the manufacturer

# Dimensions & Weight

Length	600.00 mm
Width	100.00 mm
Height	65.00 mm
Product weight	1420.00 g



## Materials & Colors

Product color	White	
Housing color	White	
Body material	Aluminum	
Cover material	Polymethylmethacrylate (PMMA)	
Light emitting surface material	PMMA	
Glow Wire Test according to IEC 60695-2-12	650 °C	
Mercury content	0.0 mg	

## Application & Mounting

Ambient temperature range	-20+40 °C
Type of connection	Terminal, 2-Pole (L, N)
Type of protection	IP20
Dimmable	Yes
Type of dimming	WiFi
Mounting type	Surface
Mounting location	Ceiling
Application environment	Indoor
With light source	No

# Lifespan

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

## Certificates & Standards

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

## Additional product data

Product remark	Reset settings to default by switching the product on for three seconds and off for three seconds and repeating this five times.
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## **EQUIPMENT / ACCESSORIES**

- Mounting bracket included
- Mounting screws and dowels included
- 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)

## 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 SMART+ PLANON FRAMELESS		SMART+ PLANON FRAMELESS
Declarations of conformity SMART WIFI PLANON FRAMELESS 60X1		SMART WIFI PLANON FRAMELESS 60X10TWLEDV
PDF	Declarations of conformity UKCA SMART WIFI AND SUNATHOME	

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075484610	Folding box 1	88 mm x 623 mm x 128 mm	1581.00 g	7.02 dm <sup>3</sup>
4058075484627	Shipping box 6	662 mm x 307 mm x 310 mm	10645.00 g	63.00 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

## **DISCLAIMER**

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