

# PRODUCT DATASHEET SMART+ Wifi Planon 600x600mm RGB + TW

SMART+ Planon Frameless TW and Multicolor | 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)
- Controllable via voice control available: Google Assistant or Amazon Alexa
- RGB color control, approx. 16 million color options adjustable
- Adjustable color temperature via Tunable White: 3,000...6,500 K
- Dimmable
- Network protocol: WiFi



TW

## **TECHNICAL DATA**

## Electrical data

Nominal wattage	40.00 W
Nominal voltage	220240 V
Mains frequency	5060 Hz
Nominal current	203.500 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
Operating mode	Mains voltage

## Photometrical data

Luminous flux	3400 lm		
Total luminous flux of contained light sources	4450 lm		
Luminous efficacy	85 lm/W		
Color temperature	30006500 K		
Light color (designation)	Tunable White / RGB		
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°		

# Dimensions & Weight

Length	600.00 mm
Width	600.00 mm
Height	62.00 mm
Product weight	5390.00 g

SMART WIFI PLANON FRAMELESS 60X60

TW

## 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	
PDF	User instruction / safety instructions	SMART+ PLANON FRAMELESS	
PDF	Declarations of conformity	SMART WIFI PLANONFRAMELES60X60RGBTW	
PDF	Declarations of conformity UKCA	SMART WIFI AND SUNATHOME	
PDF	EU Data Act	SMART WiFi Lamps and Luminaires	

#### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075484474	Folding box 1	76 mm x 622 mm x 623 mm	5911.00 g	29.45 dm <sup>3</sup>
4058075484481	Shipping box	672 mm x 281 mm x 680 mm	18160.00 g	128.41 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**

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