

PRODUCT DATASHEET SMART+ Wifi Planon 300x300mm 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



TECHNICAL DATA

Electrical data

Nominal wattage	20.00 W
Nominal voltage	220240 V
Mains frequency	5060 Hz
Nominal current	99.000 mA
Max. number of luminaires per miniature circuit breaker B16	16
Max. number of luminaires per miniature circuit breaker C16	24
Power factor λ	> 0.90
Total harmonic distortion	< 20 %
Protection class	II
Operating mode	Mains voltage

Photometrical data

Luminous flux	1500 lm		
Total luminous flux of contained light sources	2200 lm		
Luminous efficacy	75 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	300.00 mm
Width	300.00 mm
Height	62.00 mm
Product weight	1720.00 g

SMART WIFI PLANON FRAMELESS 30X30

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

and off for three seconds and repeating this five times.	Product remark	Reset settings to default by switching the product on for three seconds and off for three seconds and repeating this five times.
--	----------------	--

EQUIPMENT / ACCESSORIES

- Mounting bracket included

TW

- 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	
POF	User instruction / safety instructions	SMART+ PLANON FRAMELESS	
PDF	Declarations of conformity	SMART WIFI PLANONFRAMELES30X30RGBTW	
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
4058075484351	Folding box 1	335 mm x 95 mm x 337 mm	1899.00 g	10.73 dm ³
4058075484368	Shipping box 5	492 mm x 353 mm x 366 mm	1020.00 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.

References / Links

- Further information and frequently asked questions (FAQs) at www.ledvance.com/en-int/home-lighting/services/faq

DISCLAIMER

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

Page 4 of 4