PRODUCT DATASHEET
SMART+ Wifi Planon 300mm 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
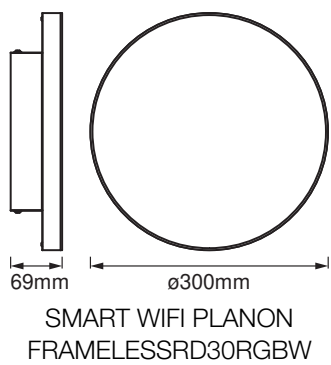
TECHNICAL DATA

Electrical data

Nominal wattage	20.00 W
Nominal voltage	220…240 V
Mains frequency	50…60 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	1600 lm
Total luminous flux of contained light sources	2400 lm
Luminous efficacy	80 lm/W
Color temperature	3000…6500 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

Diameter	300.00 mm
Height	69.00 mm
Product weight	1465.00 g

69mm | ø300mm

SMART WIFI PLANON
FRAMELESSRD30RGBW

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.

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	UI_SMART WIFI PLANON FRAMELESS
PDF	Declarations of conformity	SMART WIFI PLANON FRAMELESRD30RGBTWLEDV
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
4058075484696	Folding box 1	332 mm x 92 mm x 333 mm	1641.00 g	10.17 dm^3
4058075484702	Shipping box 5	484 mm x 352 mm x 364 mm	9150.00 g	62.01 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/consumer/smart/faq

DISCLAIMER

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