

PRODUCT DATASHEET SMART+ Wifi Planon Plus 1200x300mm RGB + W

SMART+ Planon Plus RGBW | 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
- Dimmable
- Network protocol: WiFi



RGB + W

TECHNICAL DATA

Electrical data

Nominal wattage	36.00 W
Nominal voltage	220240 V
Mains frequency	5060 Hz
Nominal current	200 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	3000 lm
Total luminous flux of contained light sources	4100 lm
Luminous efficacy	77 lm/W
Color temperature	3000 K
Light color (designation)	RGBW
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	1200.00 mm
Width	300.00 mm
Height	56.00 mm
Product weight	3580.00 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	
Temperature range at storage	-20+70 °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	default by switching the product on for three seconds 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 PLUS
PDF	Declarations of conformity	SMART WIFI PLANON PLUS 120X30 RGBW LEDV
PDF	Declarations of conformity UKCA	SMART WIFI PLANON PLUS

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075525290	Folding box	76 mm x 1,229 mm x 326 mm	4136.00 g	30.45 dm ³
4058075525306	Shipping box	1,243 mm x 247 mm x 350 mm	13896.00 g	107.46 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

RGB + W

DISCLAIMER

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