

# PRODUCT DATASHEET SMART+ Wifi Planon Plus 600x300mm RGB + TW

SMART+ Planon Plus TW | 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
- Dimmable
- Adjustable color temperature via Tunable White: 3,000...6,500 K
- Network protocol: WiFi



RGB + TW

# TECHNICAL DATA

# Electrical data

Nominal wattage	22.00 W	
Nominal voltage	220240 V	
Mains frequency	5060 Hz	
Nominal current	140 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	1600 lm	
Total luminous flux of contained light sources	2300 lm	
Luminous efficacy	73 lm/W	
Color temperature	30006500 K	
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°	

# Dimensions & Weight

Length	595.00 mm
Width	300.00 mm
Height	56.00 mm
Product weight	2040.00 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+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 WIFI PLANON PLUS UI
PDF	User instruction / safety instructions	SMART+ PLANON PLUS
PDF	Declarations of conformity	SMART WIFI PLANON PLUS 60X30 TW 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
4058075525368	Folding box	76 mm x 623 mm x 326 mm	2505.00 g	15.44 dm <sup>3</sup>
4058075525375	Shipping box	672 mm x 281 mm x 385 mm	8073.00 g	72.70 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

RGB + TW

- Further information and frequently asked questions (FAQs) at www.ledvance.com/consumer/smart/faq

### DISCLAIMER

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