

PRODUCT DATASHEET

Smart+ Wifi Planon Magic 450x450mm

SMART+ WIFI PANEL MAGIC RGB | Smart panel TW RGB and dimmable



Areas of application

- Indoor applications
- Kitchens, living rooms, children's rooms or home offices

Product features

- Tunable White and Magic RGB
- Controllable via LEDVANCE SMART+ WiFi App (with minimum Android™ 4.4 or iOS 10.0)
- Controllable via voice control available: Google Assistant or Amazon Alexa
- Adjustable color temperature via Tunable White: 2,700...6,500 K
- Dimmable
- Network protocol: WiFi



TECHNICAL DATA

Electrical data

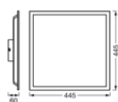
Nominal wattage	24.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	175.000 mA
Inrush current	8.25 A
Inrush current time T_{h50}	620 μ s
Max. no. of lum. on circuit break. C10 A	18
Max. no. of lum. on circuit break. C16 A	29
Power factor λ	≥ 0.5
Total harmonic distortion	< 90 %
Protection class	I
Operating mode	Electronic control gear (ECG)

Photometrical data

Luminous flux	1900 lm
Total luminous flux of contained light sources	2650 lm
Luminous efficacy	79 lm/W
Color temperature	2700...6500 K
Light color (designation)	RGBTW
Color rendering index Ra	> 80
Standard deviation of color matching	6 sdcn
Flickering metric (Pst LM)	< 1
Stroboscope effect metric (SVM)	< 0.4
Photobiological safety group acc. to EN62778	RG1
Photobiological safety group acc. to EN62471	RG1
Beam angle	120 °

Dimensions & Weight

Length	445.00 mm
Width	445.00 mm
Height	60.00 mm
Product weight	1200.00 g



Materials & Colors

Product color	White
Housing color	White
Body material	Steel
Cover material	Polymethylmethacrylate (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...+80 °C
Type of connection	Terminal, 3-Pole (L, N, PE)
Type of protection	IP20
Protection class IK (shock resistance)	IK03
Dimmable	Yes
Mounting type	Surface
Application environment	Indoor
LED module replaceable	Not replaceable
With light source	Yes

Lifespan

Lifespan L70/B50 at 25 °C	30000 h
Number of switching cycles	100000

Certificates & Standards

Standards	CE / UKCA
Luminaire with limited surface temperature, "D sign"	No

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. / Available from June 2023
Number of illuminants	1

EQUIPMENT / ACCESSORIES

- Remote control and battery included
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DOWNLOAD DATA

Documents and certificates	
	User instruction
	Installation guide

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854090394	Folding box 1	90 mm x 495 mm x 498 mm	1501.00 g	22.19 dm ³
4099854090400	Shipping box 3	510 mm x 292 mm x 523 mm	5120.00 g	77.89 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.

DISCLAIMER

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