

PRODUCT DATASHEET

Smart+ Wifi Convert Magic RGBW

SMART+ WIFI CONVERTIBLE FLOOR LUMINAIRE | Decorative luminaire with Wifi technology for floor and wall usage



Areas of application

- Living areas
- Indirect lighting
- Gaming corners
- Home Entertainment areas

Product benefits

- Easy and quick installation

Product features

- Dimmable
- RGB color control, approx. 16 million color options adjustable
- Suitable as floor luminaire and for wall mounting
- Light color: Warm White
- Music rhythm function: With behalf of the Smart Wi-Fi App and integrated voice-receivers the Luminaire reacts to sound and music
- DIY function: You can adjust the color segment per segment and create your own lighting scenes or just use already available lighting scenes
- Network protocol: WiFi
- Controllable via SMART+ App (with minimum Android 8.0 or iOS 14.0)



TECHNICAL DATA

Electrical data

Nominal wattage	24.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	150.000 mA
Inrush current	24.6 A
Inrush current time T_{h50}	148 μ s
Max. number of luminaires per miniature circuit breaker B16	31
Max. number of luminaires per miniature circuit breaker C10	38
Max. number of luminaires per miniature circuit breaker C16	61
Power factor λ	> 0.70
Total harmonic distortion	< 65 %
Protection class	II
Operating mode	Mains voltage

Photometrical data

Luminous flux	1000 lm
Total luminous flux of contained light sources	2320 lm
Luminous efficacy	42 lm/W
Color temperature	2700 K
Light color (designation)	Red / Green / Blue / Warm 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	RG1
Beam angle	110 °
UGR	< 30

Dimensions & Weight

Length	240.00 mm
Width	240.00 mm
Height	1745.00 mm
Product weight	3035.00 g



SMART WIFI CONVERT MGC
RGBW VR BK

Materials & Colors

Product color	Black
Housing color	Black
Body material	Metal
Cover material	Polycarbonate (PC)
Glow Wire Test according to IEC 60695-2-12	650 °C
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-10...+40 °C
Temperature range at storage	-20...+80 °C
Type of connection	Plug, EU
Type of protection	IP20
Protection class IK (shock resistance)	IK05
Dimmable	Yes
Type of dimming	WiFi
Mounting type	Standing
Application environment	Indoor
Adjustable	Yes
With light source	Yes

Lifespan

Lifespan L70/B50 at 25 °C	50000 h
Number of switching cycles	25000

Certificates & Standards

Standards	CE
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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.
Number of illuminants	empty

EQUIPMENT / ACCESSORIES

- Complete mounting and connecting accessories included
- For control via SMART+ App, a smartphone or tablet is required (with minimum Android 8.0 or iOS 14.0)

Safety advice

- To reduce the risk of strangulation the flexible wiring connected to this luminaire shall be effectively fixed to the wall if the wiring is within arm's reach.

DOWNLOAD DATA

Documents and certificates		Document name
	User instruction / safety instructions	UI SMART WIFI CONVERT MGC RGBW
	Legal information	Legal Insert
	Declarations of conformity	CE Declaration Smart Wifi Convert and Floor Updown
	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
4099854096495	Folding box 1	70 mm x 440 mm x 320 mm	3227.00 g	9.86 dm ³
4099854096501	Shipping box 3	458 mm x 228 mm x 346 mm	10260.00 g	36.13 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.