

PRODUCT DATASHEET

SMART+ MATTER Recess Downlight 170mm 110 ° Multicolor

SMART+ MATTER Recess Downlight | Smart recess downlight with integrated driver TW, RGB and dimmable



Areas of application

- Indoor applications
- Corridors, entrance areas, stairwells, living rooms, basements
- Bedrooms
- Kitchens

Product benefits

- Creating individual light scenes according to your needs with cold white to warm white (3000 K to 6500 K)
- TW and RGB

Product features

- Controllable via SMART+ App (with minimum Android 8.0 or iOS 14.0) or any other Matter-compatible platforms
- 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: Matter over WiFi (2.4 GHz)



TECHNICAL DATA

Electrical data

Nominal wattage	12.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	85.000 mA
Inrush current time T_{h50}	1500 μ s
Power factor λ	> 0.70
Total harmonic distortion	< 20 %
Protection class	II
Operating mode	Integrated LED driver

Photometrical data

Luminous flux	1200 lm
Total luminous flux of contained light sources	1200 lm
Luminous efficacy	90 lm/W
Color temperature	3000...6500 K
Light color (designation)	Tunable White
Color rendering index Ra	≥ 80
Standard deviation of color matching	≤ 6 sdc _m
Photobiological safety group acc. to EN62778	RG0
Photobiological safety group acc. to EN62471	RG0
Beam angle	110 °

Dimensions & Weight

Diameter	170.00 mm
Height	58.00 mm
Product weight	150.00 g

SMART WIFI SPOT

Materials & Colors

Product color	White
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Housing color	White
Body material	Polypropylene (PP) polyamid
Cover material	Polystyrene (PS)
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	Screw terminal
Type of protection	IP20
Protection class IK (shock resistance)	IK03
Dimmable	Yes
Type of dimming	WiFi
Mounting type	Recessed
Application environment	Indoor
Mounting diameter	145 mm
Mounting depth	70,0 mm
With light source	Yes

Lifespan

Lifespan L70/B50 at 25 °C	25000 h
Number of switching cycles	15000

Emergency lighting

Type of emergency operation test	None
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Certificates & Standards

Standards	CE / UKCA
Luminaire with limited surface temperature, "D sign"	No
Replaceable light source (EPREL)	Not replaceable

Additional product data

Product remark	Available from October 2025 / Reset settings to default by switching the product on for five seconds and off for five seconds and repeating this five times.
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EQUIPMENT / ACCESSORIES

- For control via SMART+ App, a smartphone or tablet is required (with minimum Android 8.0 or iOS 14.0)
- Control via app or voice control requires compatible Smart home system
- Complete mounting and connecting accessories included

Safety advice

- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.
- The luminaires are not suitable for covering with thermally insulated material.
- Check wall-ceiling for suitability. If uncertain, seek professional advice.

DOWNLOAD DATA

Documents and certificates		Document name
	User instruction / safety instructions	SMART WIFI MAT SP
	Addon technical information	Wifi remote control compatibility list
	Addon technical information	Wifi remote control compatibility list (DE)
	Legal information	Safetz Insert G11243081 SMART WIFI MAT
	Legal information	Legal Insert G11230649
	Legal information	Informationstext 18 Abs 4 ElektroG
	Declarations of conformity	SMART Matter Downlight
	Declarations of conformity UKCA	SMART Matter Downlight
	EU Data Act	SMART MATTER Lamps Luminaires Plugs

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854475696	Folding box 1	177 mm x 177 mm x 78 mm	162.00 g	2.44 dm ³
4099854475702	Shipping box 12	372 mm x 372 mm x 267 mm	2394.00 g	36.95 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/en-int/home-lighting/services/faq

DISCLAIMER

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