

PRODUCT DATASHEET SMART+ MATTER Recess Downlight 86mm 100° 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	4.50 W
Nominal voltage	220240 V
Mains frequency	5060 Hz
Nominal current	60.000 mA
Inrush current time T _{h50}	1500 µs
Power factor λ	> 0.4
Total harmonic distortion	< 20 %
Protection class	II .
Operating mode	Integrated LED driver

Photometrical data

Luminous flux	300 lm
Total luminous flux of contained light sources	450 lm
Luminous efficacy	65 lm/W
Color temperature	30006500 K
Light color (designation)	Tunable White
Color rendering index Ra	≥80
Standard deviation of color matching	≤6 sdcm
Photobiological safety group acc. to EN62778	RG0
Photobiological safety group acc. to EN62471	RG0
Beam angle	100 °

Dimensions & Weight

Diameter	86.00 mm
Height	48.00 mm
Product weight	53.00 g

SMART WIFI SPOT

Materials & Colors

Product color W	White
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Housing color	White
Body material	Polyprophylene (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	70,0 mm
Mounting depth	70,0 mm
With light source	Yes
ifespan	
Lifespan L70/B50 at 25 °C	25000 h
Number of switching cycles	15000
Emergency lighting	
Type of emergency operation test	None
Certificates & Standards	
Standards	CE / UKCA
Luminaire with limited surface temperature, "D sign"	No
Replaceable light source (EPREL)	Not replaceable
dditional 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.

this five times.

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	
PDF	User instruction / safety instructions	SMART WIFI MAT SP	
PDF	Addon technical information	Wifi remote control compatibility list	
POF	Addon technical information	Wifi remote control compatibility list (DE)	
POF	Legal information	Safetz Insert G11243081 SMART WIFI MAT	
PDF	Legal information	Legal Insert G11230649	
PDF	Legal information	Informationstext 18 Abs 4 ElektroG	
PDF	Declarations of conformity	SMART Matter Downlight	
PDF	Declarations of conformity UKCA	SMART Matter Downlight	
PDF	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
4099854475719	Folding box	97 mm x 97 mm x 68 mm	77.00 g	0.64 dm ³
4099854475726	Shipping box 6	206 mm x 108 mm x 223 mm	1159.00 g	4.96 dm ³

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854475733	Shipping box 36			

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.