

## PRODUCT DATASHEET

### SMART+ Matter Cylinder 450mm Tunable White

SMART+ Matter Cylinder | Smart decorative ceiling luminaire TW and dimmable



#### Areas of application

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

#### Product benefits

- Easy and quick installation

#### Product features

- Controllable via voice control available: Google Assistant or Amazon Alexa
- Adjustable color temperature via Tunable White: 3,000...6,500 K
- Dimmable
- Network protocol: WiFi
- Controllable via SMART+ App (with minimum Android 8.0 or iOS 14.0)



TECHNICAL DATA

Electrical data

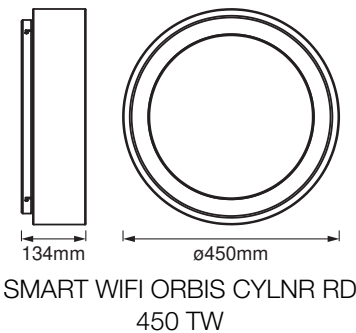
Nominal wattage	24.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	180.000 mA
Power factor $\lambda$	> 0.90
Total harmonic distortion	< 20 %
Protection class	I
Operating mode	Mains voltage

Photometrical data

Luminous flux	930 lm
Total luminous flux of contained light sources	2490 lm
Luminous efficacy	96 lm/W
Color temperature	3000...6500 K
Light color (designation)	Tunable White
Color rendering index Ra	> 80
Standard deviation of color matching	< 6 sdc <sub>m</sub>
Photobiological safety group acc. to EN62778	RG1
Photobiological safety group acc. to EN62471	RG1
Beam angle	150 °

Dimensions & Weight

Diameter	450.00 mm
Height	134.00 mm
Product weight	2820.00 g



Materials & Colors

Product color	Gray
Housing color	Gray
Body material	Polymethylmethacrylate (PMMA)
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
Type of connection	Screw terminal
Type of protection	IP20
Dimmable	Yes
Type of dimming	WiFi
Mounting type	Surface
Application environment	Indoor
With light source	No

Lifespan

Lifespan L70/B50 at 25 °C	30000 h
Number of switching cycles	15000

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

- Mounting bracket included
- Mounting screws and dowels included
- Control via app or voice control requires compatible Smart home system
- For control via 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.
- Product in protection class I. All electrically conductive, metallic housing parts that can absorb voltage during operation or during maintenance in the event of a fault must be continuously connected to the protective earthing conductor.

## DOWNLOAD DATA

Documents and certificates		Document name
	User instruction / safety instructions	G11240107 SMART WIFI MAT CYLINDER
	Legal information	Informationstext 18 Abs 4 ElektroG
	Legal information	Safety insert G11243082
	Legal information	Legal Insert G11229428
	Declarations of conformity	SMART WIFI ORBIS CYLNR RD 450 TW GRLEDV
	EU Data Act	SMART MATTER Lamps Luminares Plugs
	EU Data Act	SMART WiFi Lamps and Luminares

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
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Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854473005	Folding box 1	502 mm x 148 mm x 504 mm	4444.00 g	37.45 dm <sup>3</sup>
4099854473012	Shipping box 3	525 mm x 463 mm x 528 mm	13333.00 g	128.34 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

– Further information and frequently asked questions (FAQs) at [www.ledvance.com/consumer/smart/faq](http://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.