

PRODUCT DATASHEET

SMART+ MATTER Orbis Disc IP44 300mm Tunable White

SMART+ MATTER Orbis Disc | Smart bathroom decorative luminaires IP44 ,TW and dimmable

Areas of application

- Bathrooms



Product benefits

- Easy and quick installation
- Steerable

Product features

- Type of protection: IP44
- 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	18.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	130.000 mA
Inrush current time T_{h50}	100 μ s
Power factor λ	> 0.70
Total harmonic distortion	< 20 %
Protection class	II
Operating mode	External LED driver

Photometrical data

Luminous flux	1400 lm
Total luminous flux of contained light sources	2100 lm
Luminous efficacy	70 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	300.00 mm
Height	47.00 mm
Product weight	1150.00 g

SMART WIFI ORBISDISC 300RD
IP44TWCR

Materials & Colors

Product color	Silver
Housing color	Silver
Body material	Aluminum
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	-20...+40 °C
Temperature range at storage	-20...+80 °C
Type of connection	Screw terminal
Type of protection	IP44
Protection class IK (shock resistance)	IK03
Dimmable	Yes
Type of dimming	WiFi
Mounting type	Surface
Application environment	Indoor
With light source	Yes

Lifespan

Lifespan L70/B50 at 25 °C	30000 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










- 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.
- Check wall-ceiling for suitability. If uncertain, seek professional advice.

DOWNLOAD DATA

	Documents and certificates	Document name
	User instruction / safety instructions	G11240105 SMART WIFI MAT DISC
	Addon technical information	Wifi remote control compatibility list
	Addon technical information	Wifi remote control compatibility list (DE)
	Legal information	Informationstext 18 Abs 4 ElektroG
	Legal information	Safety Insert G11243080
	Legal information	Legal Insert G11230649
	Declarations of conformity	SMART Matter Bathroom
	Declarations of conformity UKCA	SMART Matter Bathroom
	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
4099854473241	Folding box 1	56 mm x 350 mm x 350 mm	1328.00 g	6.86 dm ³
4099854473258	Shipping box 4	366 mm x 244 mm x 370 mm	5906.00 g	33.04 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.