

## PRODUCT DATASHEET

### SMART+ MATTER Orbis Disc IP44 400mm Tunable White

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



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#### Areas of application

- Bathrooms

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#### Product benefits

- Creating individual light scenes according to your needs with cold white to warm white (3000 K to 6500 K)
- Steerable
- Easy and quick installation

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#### 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
- Type of protection: IP44
- 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	24.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	185.000 mA
Inrush current time $T_{h50}$	100 $\mu$ s
Power factor $\lambda$	> 0.90
Total harmonic distortion	< 20 %
Protection class	II
Operating mode	External LED driver

### Photometrical data

Luminous flux	1900 lm
Total luminous flux of contained light sources	3200 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 <sub>m</sub>
Photobiological safety group acc. to EN62778	RG0
Photobiological safety group acc. to EN62471	RG0
Beam angle	110 °

### Dimensions & Weight

Diameter	400.00 mm
Height	47.00 mm
Product weight	1620.00 g

SMART WIFI ORBISDISC 400RD  
IP44 TW WT

### Materials & Colors

Product color	White
Housing color	White
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










– 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
- Mounting bracket included
- Mounting screws and dowels included

### 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
4099854473265	Folding box 1	56 mm x 450 mm x 450 mm	1896.00 g	11.34 dm <sup>3</sup>
4099854473272	Shipping box 4	468 mm x 244 mm x 470 mm	8392.00 g	53.67 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.

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### References / Links

– Further information and frequently asked questions (FAQs) at [www.ledvance.com/en-int/home-lighting/services/faq](http://www.ledvance.com/en-int/home-lighting/services/faq)

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### DISCLAIMER

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