PRODUCT DATASHEET
SMART+ Wifi Orbis Disc IP44 300mm TW

SMART+ WIFI ORBIS DISC | Smart bathroom decorative ceiling and wall with wifi technology IP44 TW and dimmable luminaires

Areas of application

– Bathrooms

Product benefits

– Easy and quick installation

Product features

– Type of protection: IP44
– Controllable via LEDVANCE SMART+ App (with minimum Android 8.0 or iOS 14.0)
– 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

TECHNICAL DATA

Electrical data

Nominal wattage	18.00 W
Nominal voltage	220…240 V
Mains frequency	50…60 Hz
Nominal current	76.000 mA
Inrush current	3.96 A
Inrush current time T_{h50}	100 µs
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
Reference control setting of contained light source (Kelvin)	3000 K [1]
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	110 °

[1] Performing a reset will restore the default values set by the manufacturer

Dimensions & Weight

Diameter	300.00 mm
Height	47.00 mm
Product weight	1250.00 g

SMART WIFI ORBISDISC 300RD
IP44TWCR

Materials & Colors

Product color	Silver
Housing color	Silver
Body material	Aluminum
Cover material	Polycarbonate (PC)
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
Mounting location	Ceiling
Application environment	Indoor
LED module replaceable	Not replaceable
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
Integrated test switch	No

Certificates & Standards

Standards	CE / UKCA
Luminaire with limited surface temperature, "D sign"	No

EQUIPMENT / ACCESSORIES

– Mounting bracket included

– Mounting screws and dowels included
– Control via app or voice control requires compatible Smart home system
– For control via LEDVANCE SMART+ App, a smartphone or tablet is required (with minimum Android 8.0 or iOS 14.0)

DOWNLOAD DATA

	Documents and certificates	Document name
PDF	User Instruction	SMART WIFI ORBISDISC
PDF	Legal information	Legal insert Residential luminaires
PDF	Declarations of conformity	
PDF	Declarations Of Conformity UKCA	SMART WIFI ORBIS

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075573598	Folding box 1	56 mm x 350 mm x 350 mm	1428.00 g	6.86 dm^3
4058075573604	Shipping box 4	366 mm x 244 mm x 370 mm	6306.00 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/consumer/smart/faq

DISCLAIMER

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