

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 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 |
| 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 |
| 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 |
| Replaceable light source (EPREL) | Not replaceable |

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)

Safety advice

- Check wall-ceiling for suitability. If uncertain, seek professional advice.
- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.

DOWNLOAD DATA

| Documents and certificates | | Document name |
|---|--|-------------------------------------|
|  | User instruction / safety instructions | SMART WIFI ORBISDISC |
|  | Legal information | Legal insert Residential luminaires |
|  | Declarations of conformity | CE Declaration Smart Orbis |
|  | 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.