

PRODUCT DATASHEET

SMART+ Wifi Orbis Downlight Surface 200mm TW

SMART SURFACE DOWNLIGHT TW | Smart recess surface downlight with integrated driver TW and dimmable



Areas of application

- Indoor applications
- Corridors, entrance areas, stairwells, living rooms, basements
- Bedrooms
- Kitchens

Product benefits

- Surface downlight

Product features

- 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
- Housing material: metal



TECHNICAL DATA

Electrical data

| | |
|-------------------------------|---------------------|
| Nominal wattage | 12.00 W |
| Nominal voltage | 220...240 V |
| Mains frequency | 50...60 Hz |
| Inrush current | < 20 A |
| Inrush current time T_{h50} | 1000 μ s |
| Power factor λ | > 0.70 |
| Total harmonic distortion | < 20 % |
| Protection class | I |
| Operating mode | External LED driver |

Photometrical data

| | |
|--|----------------------|
| Luminous flux | 900 lm |
| Total luminous flux of contained light sources | 1250 lm |
| Luminous efficacy | 83 lm/W |
| Color temperature | 3000...6500 K |
| Light color (designation) | Tunable White |
| Color rendering index Ra | \geq 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 | 200.00 mm |
| Height | 40.00 mm |
| Product weight | 430.00 g |

SMART WIFI ORBIS DOWNLIGHT

Materials & Colors

| | |
|---------------|-------|
| Product color | White |
|---------------|-------|

| | |
|--|------------------|
| Housing color | White |
| Body material | Aluminum |
| Cover material | Polystyrene (PS) |
| 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...+70 °C |
| Type of connection | Screw terminal |
| Type of protection | IP20 |
| 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 | 25000 h |
| Number of switching cycles | 15000 |

Emergency lighting

| | |
|------------------------|----|
| 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

- For control via LEDVANCE SMART+ App, a smartphone or tablet is required (with minimum Android 8.0 or iOS 14.0)
- Complete mounting and connecting accessories included

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 | SMART+ WIFI ORBIS DOWNLIGHT |
|  | Declarations of conformity | SMART WIFI ORBIS DL SF |

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075572911 | Folding box 1 | 230 mm x 48 mm x 232 mm | 479.00 g | 2.56 dm ³ |
| 4058075572928 | Shipping box 10 | 478 mm x 263 mm x 255 mm | 5390.00 g | 32.06 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.