

# PRODUCT DATASHEET

## SMART+ Wifi Orbis Wall Wave IP44 200mm TW

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



### 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               | 8.00 W              |
| Nominal voltage               | 220...240 V         |
| Mains frequency               | 50...60 Hz          |
| Nominal current               | 38.000 mA           |
| Inrush current                | 0.33 A              |
| 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  | 400 lm               |
| Total luminous flux of contained light sources               | 700 lm               |
| Luminous efficacy  | 50 lm/W              |
| Color temperature  | 3000...6500 K        |
| Reference control setting of contained light source (Kelvin) | 3000 K <sup>1)</sup> |
| 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

|                |           |
|----------------|-----------|
| Length         | 200.00 mm |
| Width          | 120.00 mm |
| Height         | 93.00 mm  |
| Product weight | 550.00 g  |

SMART WIFI ORBIS WAVE 200  
IP44 TWCR

Materials & Colors

|                 |                               |
|-----------------|-------------------------------|
| Product color   | Silver                        |
| Housing color   | Silver                        |
| Body material   | Polymethylmethacrylate (PMMA) |
| 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 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 | SMART WIFI ORBIS WAVE TW IP44       |
|   | 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                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075573772 | Folding box<br>1             | 115 mm x 150 mm x 260 mm             | 668.00 g     | 4.49 dm <sup>3</sup>  |
| 4058075573789 | Shipping box<br>4            | 318 mm x 246 mm x 280 mm             | 3252.00 g    | 21.90 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.

## References / Links

- Further information and frequently asked questions (FAQs) at [www.ledvance.com/consumer/smart/faq](http://www.ledvance.com/consumer/smart/faq)

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