

# PRODUCT DATASHEET

## SMART+ Wifi Orbis Circle Black 460mm RGB + TW

Smart+ Orbis Ceiling | Smart decorative ceiling with main and side light TW RGB and dimmable



### Areas of application

- Indoor applications
- Kitchens, living rooms, children's rooms or home offices

### Product benefits

- Easy and quick installation
- Tunable White and RGB
- Main light and side light

### 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
- Dimmable
- Network protocol: WiFi
- Adjustable color temperature via Tunable White: 2,700...6,500 K



TECHNICAL DATA

Electrical data

|                           |                     |
|---------------------------|---------------------|
| Nominal wattage           | 28.00 W             |
| Nominal voltage           | 220...240 V         |
| Mains frequency           | 50...60 Hz          |
| Nominal current           | 127.000 mA          |
| Inrush current            | 2.8 A               |
| Power factor $\lambda$    | > 0.90              |
| Total harmonic distortion | < 20 %              |
| Protection class          | I                   |
| Operating mode            | External LED driver |

Photometrical data

|  |                      |
|--|----------------------|
| Luminous flux  | 750 lm               |
| Total luminous flux of contained light sources               | 2400 lm              |
| Luminous efficacy  | 26 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

|                |           |
|----------------|-----------|
| Diameter       | 460.00 mm |
| Height         | 95.00 mm  |
| Product weight | 1460.00 g |

SMART WIFI ORBIS CIRCLE460  
RGBTW

## Materials & Colors

|                 |                                       |
|-----------------|---------------------------------------|
| Product color   | Black                                 |
| Housing color   | Black                                 |
| Body material   | Acrylonitrile butadiene styrene (ABS) |
| 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                     | 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  | 30000 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        |

## Additional product data

|                       |   |
|-----------------------|---|
| Number of illuminants | 2 |
|-----------------------|---|

## 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

- 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.
- Check wall-ceiling for suitability. If uncertain, seek professional advice.

### DOWNLOAD DATA

|  | Documents and certificates             | Document name                       |
|--|--|-------------------------------------|
|    | User instruction / safety instructions | SMART WIFI ORBIS CIRCLE460 RGBTW    |
|    | Legal information                      | Legal insert Residential luminaires |
|   | Declarations of conformity             | EC declaration_ORBIS RGBTW LUM      |
|  | Declarations of conformity UKCA        | SMART WIFI ORBIS                    |
|  | EU Data Act                            | SMART WiFi Lamps and Luminaires     |

### LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                 |
|---------------|------------------------------|--------------------------------------|--------------|------------------------|
| 4058075573833 | Folding box<br>1             | 540 mm x 116 mm x 540 mm             | 2220.00 g    | 33.83 dm <sup>3</sup>  |
| 4058075573840 | Shipping box<br>3            | 557 mm x 366 mm x 557 mm             | 8051.00 g    | 113.55 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)

### DISCLAIMER

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