

## PRODUCT DATASHEET

### Orbis Sparkle Click-CCT 400mm 24W

Orbis Sparkle | LED ceiling luminaires with sparkling effect



#### Areas of application

- For indoor use only
- Decorative domestic lighting
- Ceiling and wall surface mounting

#### Product benefits

- Very homogenous light
- Easy and quick installation

#### Product features

- Ceiling luminaire with advanced LED technology
- Circular light emission



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**TECHNICAL DATA****Electrical data**

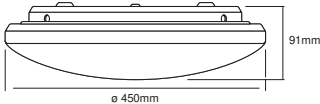
|                                                             |                       |
|-------------------------------------------------------------|-----------------------|
| Nominal wattage                                             | 24.00 W               |
| Nominal voltage                                             | 220...240 V           |
| Mains frequency                                             | 50...60 Hz            |
| Nominal current                                             | 122 mA                |
| Max. number of luminaires per miniature circuit breaker B16 | 100                   |
| Max. number of luminaires per miniature circuit breaker C10 | 62                    |
| Max. number of luminaires per miniature circuit breaker C16 | 100                   |
| Power factor $\lambda$                                      | > 0.5                 |
| Total harmonic distortion                                   | < 80 %                |
| Protection class                                            | I                     |
| Operating mode                                              | Integrated LED driver |

**Photometrical data**

|                                                |                      |
|------------------------------------------------|----------------------|
| Luminous flux                                  | 2000 lm              |
| Total luminous flux of contained light sources | 2880 lm              |
| Luminous efficacy                              | 83 lm/W              |
| Color temperature                              | 2700...6500 K        |
| Light color (designation)                      | Tunable White        |
| Color rendering index Ra                       | > 80                 |
| Standard deviation of color matching           | < 6 sdc <sub>m</sub> |
| Photobiological safety group acc. to EN62778   | RG1                  |
| Photobiological safety group acc. to EN62471   | RG0                  |
| Beam angle                                     | 120 °                |

**Dimensions & Weight**

|                |          |
|----------------|----------|
| Diameter       | 400 mm   |
| Width          | 400 mm   |
| Height         | 91.00 mm |
| Product weight | 700.00 g |



PG Orbis Sparkle 450mm MiPRC

Materials & Colors

|                 |                    |
|-----------------|--------------------|
| Product color   | White              |
| Housing color   | White              |
| 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...+70 °C    |
| Type of connection                     | Terminal, 3-pin |
| Type of protection                     | IP20            |
| Protection class IK (shock resistance) | IK03            |
| Dimmable                               | No              |
| Mounting type                          | Surface         |
| Application environment                | Indoor          |
| With light source                      | Yes             |
| Replaceable light source               | No              |

Lifespan

|                            |                       |
|----------------------------|-----------------------|
| Lifespan L70/B50 at 25 °C  | 30000 h <sup>1)</sup> |
| Number of switching cycles | 15000                 |

1) t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

Certificates & Standards

|                                                      |                 |
|------------------------------------------------------|-----------------|
| Standards                                            | CE / UKCA       |
| Luminaire with limited surface temperature, "D sign" | No              |
| Replaceable light source (EPREL)                     | Not replaceable |

Additional product data

|                       |       |
|-----------------------|-------|
| Number of illuminants | empty |
|-----------------------|-------|

## EQUIPMENT / ACCESSORIES

- Complete mounting and connecting accessories included
- Batteries required for remote control: 2xAAA (not included)

## Safety advice

- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.
- Battery Warning: Keep out of reach for children. Swallowing can lead to chemical burns, perforation of soft tissue, and death. Severe burns can occur within 2 hours of ingestion. Seek medical attention immediately.
- If the battery compartment (if applicable) does not close securely, stop using the product and keep it away from children. If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.
- Please avoid: Maximal ambient temperature: +35 °C. Replacement of a battery with an incorrect type that can defeat safeguard (for example, in the case of some lithium battery types). Altitude during operation: 2000 m. Disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, that can result in an explosion.
- Check wall-ceiling for suitability. If uncertain, seek professional advice.
- 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 | ORBIS SPARKLE CLICK-CCT + DIM |
|  | Legal information                      | Safety insert G11219601       |
|  | Declarations of conformity             | Residential Luminaires        |
|  | Declarations of conformity UKCA        | Fixed LUM                     |

## LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                 |
|---------------|------------------------------|--------------------------------------|--------------|------------------------|
| 4099854450181 | Folding box<br>1             | 131 mm x 541 mm x 543 mm             | 1252.00 g    | 38.48 dm <sup>3</sup>  |
| 4099854450198 | Shipping box<br>6            | 526 mm x 451 mm x 469 mm             | 7510.00 g    | 111.26 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.

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## DISCLAIMER

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