

# PRODUCT DATASHEET

## Orbis Click-CCT 410mm 24W

Orbis CCT-DIM | LED luminaire with CCT function via wall switch or remote control with CCT and dimming



### 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
- Remote-CCT version: color temperature, dimming, timer, memory and night functions via remote control
- Click-CCT version: color temperature adjustable in three steps by repeated switching



## TECHNICAL DATA

### Electrical data

|                                                             |                     |
|-------------------------------------------------------------|---------------------|
| Nominal wattage                                             | 24.00 W             |
| Nominal voltage                                             | 220...240 V         |
| Mains frequency                                             | 50...60 Hz          |
| Nominal current                                             | 105 mA              |
| Inrush current                                              | 3.5 A               |
| Max. number of luminaires per miniature circuit breaker B16 | 54                  |
| Max. number of luminaires per miniature circuit breaker C10 | 54                  |
| Max. number of luminaires per miniature circuit breaker C16 | 86                  |
| Power factor $\lambda$                                      | > 0.90              |
| Protection class                                            | I                   |
| Operating mode                                              | External LED driver |

### Photometrical data

|                                                |                                         |
|------------------------------------------------|-----------------------------------------|
| Luminous flux                                  | 1800 lm                                 |
| Total luminous flux of contained light sources | 3000 lm                                 |
| Luminous efficacy                              | 75 lm/W                                 |
| Color temperature                              | 2700 K / 4000 K / 6500 K                |
| Light color (designation)                      | Warm White / Cool White / Cool Daylight |
| Color rendering index Ra                       | > 80                                    |
| Standard deviation of color matching           | < 6 sdcm                                |
| Photobiological safety group acc. to EN62778   | RG1                                     |
| Photobiological safety group acc. to EN62471   | RG0                                     |
| Beam angle                                     | 120 °                                   |

### Dimensions & Weight

|                |          |
|----------------|----------|
| Diameter       | 410 mm   |
| Height         | 80.00 mm |
| Product weight | 860.00 g |

### 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-Pole (L, N, PE) |
| Type of protection                     | IP20                        |
| Protection class IK (shock resistance) | IK03                        |
| Dimmable                               | No                          |
| Mounting type                          | Surface                     |
| Mounting location                      | Ceiling                     |
| Application environment                | Indoor                      |
| With light source                      | Yes                         |
| Replaceable light source               | No                          |

### Lifespan

|                            |                       |
|----------------------------|-----------------------|
| Lifespan L70/B50 at 25 °C  | 25000 h <sup>1)</sup> |
| Number of switching cycles | 12500                 |

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

### Emergency lighting

|                                            |                |
|--------------------------------------------|----------------|
| Type of emergency light operation          | Non-maintained |
| Luminous flux in maintained operation mode | -              |
| Luminous flux in emergency operation mode  | -              |

### Certificates & Standards

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

### EQUIPMENT / ACCESSORIES

- 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.
- 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.

## DOWNLOAD DATA

| Documents and certificates                                                       |                                        | Document name                          |
|----------------------------------------------------------------------------------|----------------------------------------|----------------------------------------|
|  | User instruction / safety instructions | ORBIS 3100 410 CCT                     |
|  | Declarations of conformity             | ORBIS 410MM 24W 827-865 CLICK-CCT LEDV |

## LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                 |
|---------------|------------------------------|--------------------------------------|--------------|------------------------|
| 4058075651753 | Folding box<br>1             | 453 mm x 103 mm x 453 mm             | 1147.00 g    | 21.14 dm <sup>3</sup>  |
| 4058075651760 | Shipping box<br>5            | 532 mm x 472 mm x 459 mm             | 7280.00 g    | 115.26 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.

## DISCLAIMER

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