

# PRODUCT DATASHEET

## Orbis Ultra Slim Backlight Click-Dim 400mm Black 22W

Orbis Ultra Slim Click DIM | Ceiling luminaires with click dim by switch function



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### Areas of application

- Indoor applications
- Living areas (living rooms, dining rooms, bedrooms etc.)

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### Product benefits

- Very slim design
- Easy and quick installation

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### Product features

- Click-DIM version: dimmable in three steps by repeated switching
- Dimmable



## TECHNICAL DATA

### Electrical data

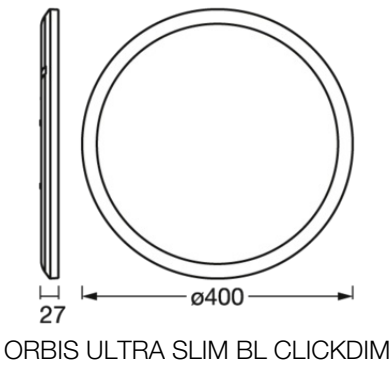
|                                                             |               |
|-------------------------------------------------------------|---------------|
| Nominal wattage                                             | 22.00 W       |
| Nominal voltage                                             | 220...240 V   |
| Mains frequency                                             | 50...60 Hz    |
| Nominal current                                             | 98.000 mA     |
| Inrush current                                              | 18 A          |
| Inrush current time $T_{h50}$                               | 100 $\mu$ s   |
| Max. number of luminaires per miniature circuit breaker B16 | 41            |
| Max. number of luminaires per miniature circuit breaker C16 | 53            |
| Power factor $\lambda$                                      | > 0.90        |
| Total harmonic distortion                                   | < 40 %        |
| Protection class                                            | II            |
| Operating mode                                              | Mains voltage |

### Photometrical data

|                                                |                     |
|------------------------------------------------|---------------------|
| Luminous flux                                  | 1740 lm             |
| Total luminous flux of contained light sources | 2720 lm             |
| Luminous efficacy                              | 79 lm/W             |
| Color temperature                              | 3000 K              |
| Light color (designation)                      | Warm White          |
| Color rendering index Ra                       | ≥80                 |
| Standard deviation of color matching           | ≤6 sdc <sub>m</sub> |
| Flickering metric (Pst LM)                     | -                   |
| Stroboscope effect metric (SVM)                | -                   |
| Photobiological safety group acc. to EN62778   | RG0                 |
| Photobiological safety group acc. to EN62471   | RG0                 |
| Beam angle                                     | 110 °               |
| UGR                                            | < 25                |

### Dimensions & Weight

|                |           |
|----------------|-----------|
| Diameter       | 400.00 mm |
| Height         | 27.00 mm  |
| Product weight | 1060.00 g |



Materials & Colors

|                                            |         |
|--------------------------------------------|---------|
| Product color                              | Black   |
| Body material                              | Plastic |
| Glow Wire Test according to IEC 60695-2-12 | 650 °C  |
| Mercury content                            | 0.0 mg  |

Application & Mounting

|                           |                 |
|---------------------------|-----------------|
| Ambient temperature range | -20...+40 °C    |
| Type of connection        | Terminal, 2-pin |
| Type of protection        | IP20            |
| Dimmable                  | Yes             |
| Type of dimming           | 3 DIM           |
| 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 | 25000                 |

<sup>1)</sup> 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        |
| Ball shot safe                                       | 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.
- Check wall-ceiling for suitability. If uncertain, seek professional advice.

## DOWNLOAD DATA

| Documents and certificates                                                         |                                        | Document name                 |
|------------------------------------------------------------------------------------|----------------------------------------|-------------------------------|
|    | User instruction / safety instructions | ORBIS ULTRA SLIM BACKLIGHT    |
|    | Declarations of conformity             | ORBIS ULTRA SLIM BL CLICK DIM |
|  | Declarations of conformity UKCA        | ORBIS ULTRA SLIM BL CLICKDIM  |

## LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075752887 | Folding box<br>1             | 52 mm x 406 mm x 428 mm              | 1186.00 g    | 9.04 dm <sup>3</sup>  |
| 4058075752894 | Shipping box<br>5            | 417 mm x 275 mm x 444 mm             | 6686.00 g    | 50.92 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.