

# PRODUCT DATASHEET

## Orbis London 480 mm 36W 830 WT

ORBIS LONDON | LED ceiling luminaires with plastic ring



---

### Areas of application

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

---

### Product benefits

- Very homogenous light
- Elegant design

---

### Product features

- Decorative domestic lighting
- Ceiling luminaire with advanced LED technology



## TECHNICAL DATA

### Electrical data

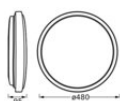
|   |                               |
|---|-------------------------------|
| Nominal wattage   | 36.00 W                       |
| Nominal voltage   | 220...240 V                   |
| Mains frequency   | 50...60 Hz                    |
| Nominal current   | 160.000 mA                    |
| Max. number of luminaires per miniature circuit breaker B16 | 50                            |
| Max. number of luminaires per miniature circuit breaker C16 | 66                            |
| Power factor $\lambda$                                      | > 0.5                         |
| Total harmonic distortion                                   | < 13 %                        |
| Protection class  | I                             |
| Operating mode  | Electronic control gear (ECG) |

### Photometrical data

|  |               |
|--|---------------|
| Luminous flux                                  | 2500 lm       |
| Total luminous flux of contained light sources | 4700 lm       |
| Luminous efficacy                              | 69 lm/W       |
| Color temperature                              | 3000 K        |
| Light color (designation)                      | Warm White    |
| Color rendering index Ra                       | $\geq 80$     |
| Standard deviation of color matching           | $\leq 6$ sdcM |
| Flickering metric (Pst LM)                     | < 1           |
| Stroboscope effect metric (SVM)                | < 0.4         |
| Photobiological safety group acc. to EN62778   | RG0           |
| Photobiological safety group acc. to EN62471   | RG0           |
| Beam angle                                     | 120 °         |

### Dimensions & Weight

|                |           |
|----------------|-----------|
| Diameter       | 480.00 mm |
| Height         | 95.00 mm  |
| Product weight | 1200.00 g |



## Materials & Colors

|  |         |
|--|---------|
| Product color                              | White   |
| Housing color                              | White   |
| Body material                              | Metal   |
| Cover material                             | Plastic |
| Glow Wire Test according to IEC 60695-2-12 | 650 °C  |

## Application & Mounting

|                              |                             |
|------------------------------|-----------------------------|
| Ambient temperature range    | -20...+40 °C                |
| Temperature range at storage | -20...+80 °C                |
| Type of connection           | Terminal, 3-Pole (L, N, PE) |
| Type of protection           | IP20                        |
| Dimmable                     | No                          |
| Mounting type                | Surface                     |
| Application environment      | Indoor                      |
| LED module replaceable       | Not replaceable             |
| With light source            | Yes                         |

## Lifespan

|                            |                       |
|----------------------------|-----------------------|
| Lifespan L70/B50 at 25 °C  | 50000 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        |

## Additional product data

|                       |                               |
|-----------------------|-------------------------------|
| Product remark        | Available from September 2023 |
| Number of illuminants | 1                             |

## DOWNLOAD DATA

**Documents and certificates**

User instruction



Packaging insert



Declarations Of Conformity CE



Declarations Of Conformity UKCA

**LOGISTICAL DATA**

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                 |
|---------------|------------------------------|--------------------------------------|--------------|------------------------|
| 4058075829220 | Folding box<br>1             | 100 mm x 500 mm x 500 mm             | 1639.00 g    | 25.00 dm <sup>3</sup>  |
| 4058075829237 | Shipping box<br>4            | 520 mm x 420 mm x 520 mm             | 7943.00 g    | 113.57 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.