

PRODUCT DATASHEET

Orbis London 400 mm 24W 830 BK

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

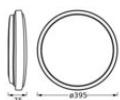
| | |
|---|-------------------------------|
| Nominal wattage | 24.00 W |
| Nominal voltage | 220...240 V |
| Mains frequency | 50...60 Hz |
| Nominal current | 185.000 mA |
| Max. number of luminaires per miniature circuit breaker B16 | 35 |
| Max. number of luminaires per miniature circuit breaker C16 | 48 |
| Power factor λ | > 0.5 |
| Total harmonic distortion | < 101 % |
| Protection class | I |
| Operating mode | Electronic control gear (ECG) |

Photometrical data

| | |
|--|--------------|
| Luminous flux | 1450 lm |
| Total luminous flux of contained light sources | 2700 lm |
| Luminous efficacy | 60 lm/W |
| Color temperature | 3000 K |
| Light color (designation) | Warm White |
| Color rendering index Ra | ≥ 80 |
| Standard deviation of color matching | ≤ 6 sdc |
| 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 | 395.00 mm |
| Height | 75.00 mm |
| Product weight | 800.00 g |



ORBIS LONDON 410MM 24W 830
BK

Materials & Colors

| | |
|--|---------|
| Product color | Black |
| Housing color | Black |
| Body material | Metal |
| Cover 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 |
| 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 ¹⁾ |
| Number of switching cycles | 25000 |

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 |

Additional product data

Number of illuminants

empty

DOWNLOAD DATA

| | Documents and certificates | Document name |
|--|--|----------------------------|
|  | User Instruction / Safety Instructions | ORBIS |
|  | Legal information | Legal Insert |
|  | Declarations of conformity | ORBIS LONDON DUBLIN BERLIN |
|  | Declarations Of Conformity UKCA | ORBIS LONDON DUBLIN BERLIN |

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075832732 | Folding box 1 | 75 mm x 415 mm x 415 mm | 1127.00 g | 12.92 dm ³ |
| 4058075832749 | Shipping box 5 | 435 mm x 420 mm x 435 mm | 6777.00 g | 79.47 dm ³ |

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.