

PRODUCT DATASHEET

Orbis Slim Moia 380mm 24W 830 BK

CEILING MOIA | LED ceiling luminaires with metal 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

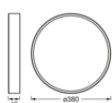
| | |
|-------------------------------|---------------|
| Nominal wattage | 24.00 W |
| Nominal voltage | 220...240 V |
| Mains frequency | 50...60 Hz |
| Nominal current | 122.000 mA |
| Inrush current | 3 A |
| Inrush current time T_{h50} | 100 μ s |
| Power factor λ | ≥ 0.7 |
| Total harmonic distortion | < 70 % |
| Protection class | I |
| Operating mode | Mains voltage |

Photometrical data

| | |
|--|---------------------------|
| Luminous flux | 1800 lm |
| Total luminous flux of contained light sources | 2700 lm |
| Luminous efficacy | 75 lm/W |
| Color temperature | 3000 K |
| Light color (designation) | Warm White |
| Color rendering index Ra | > 80 |
| Standard deviation of color matching | ≤ 6 sdc _m |
| 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 | 380.00 mm |
| Height | 40.00 mm |
| Product weight | 1164.00 g |



Materials & Colors

| | |
|--|-------------------------------|
| Product color | Black |
| Housing color | Black |
| Body material | Steel |
| Cover material | Polymethylmethacrylate (PMMA) |
| 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...+60 °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 |
| 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

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

DOWNLOAD DATA

Documents and certificates

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 |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075832831 | Folding box 1 | 48 mm x 387 mm x 387 mm | 1469.00 g | 7.19 dm ³ |
| 4058075832848 | Shipping box 4 | 407 mm x 215 mm x 415 mm | 6514.00 g | 36.31 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.