

PRODUCT DATASHEET

SUN@HOME Orbis Cross

Sun@Home Wall luminaires | Wall Lights with Human Centric Lighting Technology



Areas of application

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

Product benefits

- Enable increased concentration and efficiency
- Improve overall activity level and daytime alertness
- Improve sleeping rhythm and –intensity
- Improve optic convenience
- Enables an improved level of clean-air-safety by killing residential germs and bad odors
- Homogenous light distribution
- Easy and quick installation

Product features

- Adjustable color temperature via Tunable White: 2,200...5,000 K
- Controllable via LEDVANCE SMART+ App (with minimum Android 8.0 or iOS 14.0)
- Controllable via voice control available: Google Assistant or Amazon Alexa
- Dimmable
- Innovative Fullspectrum SunLike LEDs with CRI95
- SunLike LEDs with reduced Blue Light in LED Spectrum



- Innovative luminaire coating-technology fighting household germs and odors
- Automated biorhythm feature

TECHNICAL DATA

Electrical data

| | |
|------------------------|---------------|
| Nominal wattage | 12.00 W |
| Nominal voltage | 220...240 V |
| Mains frequency | 50...60 Hz |
| Nominal current | 52.000 mA |
| Inrush current | 2.1 A |
| Power factor λ | > 0.70 |
| Protection class | II |
| Operating mode | Mains voltage |

Photometrical data

| | |
|--|---------------------|
| Luminous flux | 600 lm |
| Total luminous flux of contained light sources | 800 lm |
| Luminous efficacy | 60 lm/W |
| Color temperature | 2200...5000 K |
| Reference control setting of contained light source (Kelvin) | 2700 K |
| Light color (designation) | Tunable White |
| Color rendering index Ra | > 95 |
| Standard deviation of color matching | ≤6 sdc _m |
| Flickering metric (Pst LM) | ≤ 1 % |
| Photobiological safety group acc. to EN62778 | RG0 |
| Photobiological safety group acc. to EN62471 | RG0 |
| Beam angle | 110 ° |

Dimensions & Weight

| | |
|----------------|-----------|
| Length | 309.00 mm |
| Width | 200.00 mm |
| Height | 106.00 mm |
| Product weight | 770.00 g |

HCL SMART Wall UpDown TW

Materials & Colors

| | |
|-----------------|--------------------|
| Product color | White |
| Housing color | White |
| Body material | Steel |
| Cover material | Polycarbonate (PC) |
| Mercury content | 0.0 mg |

Application & Mounting

| | |
|------------------------------|--------------|
| Ambient temperature range | -20...+40 °C |
| Temperature range at storage | -20...+80 °C |
| Type of connection | Terminal |
| Type of protection | IP20 |
| Dimmable | Yes |
| Type of dimming | WiFi |
| Mounting type | Surface |
| Mounting location | Wall |
| Application environment | Indoor |
| With light source | Yes |

Lifespan

| | |
|----------------------------|---------|
| Lifespan L70/B50 at 25 °C | 30000 h |
| Number of switching cycles | 10000 |

Emergency lighting

| | |
|------------------------|----|
| Integrated test switch | No |
|------------------------|----|

Certificates & Standards

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





EQUIPMENT / ACCESSORIES


- Control via app or voice control requires compatible Smart home system
- For control via LEDVANCE SMART+ App, a smartphone or tablet is required (with minimum Android 8.0 or iOS 14.0)
- 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.
- Check wall-ceiling for suitability. If uncertain, seek professional advice.

DOWNLOAD DATA

| Documents and certificates | | Document name |
|--|--|-------------------------|
|  | User instruction / safety instructions | SUN@HOME ORBIS CROSS |
|  | Legal information | SUN@HOME |
|  | Declarations of conformity | SUN HOME ORBIS CROSS TW |
|  | Declarations of conformity UKCA | SUNATHOME |

| CAD/BIM files | | Document name |
|---|-------------|----------------|
|  | BIM Step 3D | Sun@Home orbis |

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075575936 | Folding box 1 | 82 mm x 132 mm x 354 mm | 873.00 g | 3.83 dm ³ |
| 4058075575943 | Shipping box 8 | 349 mm x 285 mm x 380 mm | 7429.00 g | 37.80 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.

References / Links

- Further information and frequently asked questions (FAQs) at www.ledvance.com/consumer/smart/faq

DISCLAIMER

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