

PRODUCT DATASHEET

SMART+ Wifi Orbis Sparkle 460mm TW

Sparkle | Smart ceiling luminaires with main light and WiFi technology



Areas of application

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

Product benefits

- Easy and quick installation

Product features

- Controllable via LEDVANCE SMART+ App (with minimum Android 8.0 or iOS 14.0)
- Controllable via voice control available: Google Assistant or Amazon Alexa
- Adjustable color temperature via Tunable White: 2,700...6,500 K
- Dimmable
- Network protocol: WiFi



TECHNICAL DATA

Electrical data

| | |
|---------------------------|---------------------|
| Nominal wattage | 24.00 W |
| Nominal voltage | 220...240 V |
| Mains frequency | 50...60 Hz |
| Nominal current | 198.000 mA |
| Inrush current | 25.8 A |
| Power factor λ | > 0.5 |
| Total harmonic distortion | 117 % |
| Protection class | II |
| Operating mode | External LED driver |

Photometrical data

| | |
|--|---------------|
| Luminous flux | 1800 lm |
| Total luminous flux of contained light sources | 2400 lm |
| Luminous efficacy | 110 lm/W |
| Color temperature | 2700...6500 K |
| Light color (designation) | Tunable White |
| Color rendering index Ra | > 80 |
| Standard deviation of color matching | < 6 sdcm |
| Photobiological safety group acc. to EN62778 | RG1 |
| Photobiological safety group acc. to EN62471 | RG0 |
| Beam angle | 120 ° |

Dimensions & Weight

| | |
|----------------|-----------|
| Diameter | 460.00 mm |
| Height | 76.00 mm |
| Product weight | 800.00 g |

SMART WIFI ORBIS SPARKLE

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 | Screw terminal |
| Type of protection | IP20 |
| Protection class IK (shock resistance) | IK03 |
| Dimmable | Yes |
| Type of dimming | WiFi |
| Mounting type | Surface |
| Mounting location | Ceiling |
| Application environment | Indoor |
| With light source | Yes |

Lifespan

| | |
|----------------------------|---------|
| Lifespan L70/B50 at 25 °C | 15000 h |
| Number of switching cycles | 15000 |

Emergency lighting

| | |
|----------------------------------|------|
| Type of emergency operation test | None |
| 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

- Mounting bracket included
- Mounting screws and dowels included
- 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)

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.

DOWNLOAD DATA

| Documents and certificates | | Document name |
|---|--|--|
|  | User instruction / safety instructions | SMART WIFI ORBIS SPARKLE GAVIN LISA JARDEN |
|  | Legal information | Legal insert Residential luminaires |
|  | Declarations of conformity | EC_SMART WIFI ORBIS |
|  | Declarations of conformity UKCA | SMART WIFI ORBIS |
|  | EU Data Act | SMART WiFi Lamps and Luminaires |

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|------------------------|
| 4058075573475 | Folding box 1 | 497 mm x 87 mm x 502 mm | 1248.00 g | 21.71 dm ³ |
| 4058075573482 | Shipping box 5 | 516 mm x 451 mm x 527 mm | 7394.00 g | 122.64 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.