

PRODUCT DATASHEET

Orbis Square Click Sensor 430x430mm 50W

ORBIS CLICK SENSOR | LED ceiling luminaires with motion sensor



Areas of application

- Corridors, entrance areas

Product benefits

- Easy and quick installation

Product features

- Luminaires activated by sensor mode or conventional wall switch
- Operating mode easily changed by three clicks of wall switch
- Motion sensor (microwave technology) with adjustable detection parameters



TECHNICAL DATA

Electrical data

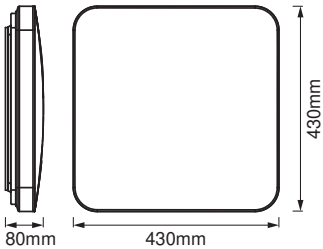
| | |
|------------------------|---------------|
| Nominal wattage | 50.00 W |
| Nominal voltage | 220...240 V |
| Mains frequency | 50...60 Hz |
| Power factor λ | > 0.70 |
| Protection class | II |
| Operating mode | Mains voltage |

Photometrical data

| | |
|--|------------|
| Luminous flux | 3700 lm |
| Total luminous flux of contained light sources | 6500 lm |
| Luminous efficacy | 74 lm/W |
| Color temperature | 3000 K |
| Light color (designation) | Warm White |
| Color rendering index Ra | > 80 |
| Standard deviation of color matching | < 6 sdcm |
| Beam angle | 120 ° |

Dimensions & Weight

| | |
|----------------|-----------|
| Length | 430.00 mm |
| Width | 430.00 mm |
| Height | 80.00 mm |
| Product weight | 1395.00 g |



ORBIS SQUARE 430 SQ 50W830
CLICKSEN

Materials & Colors

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

Application & Mounting

| | |
|---------------------------|------------------------------|
| Ambient temperature range | -20...40 °C |
| Type of connection | Push button terminal, 2-pole |
| Type of protection | IP20 |
| Dimmable | No |
| Mounting type | Surface |
| Mounting location | Ceiling |
| Application environment | Indoor |
| With light source | Yes |
| Replaceable light source | No |

Lifespan

| | |
|----------------------------|-----------------------|
| Lifespan L70/B50 at 25 °C | 30000 h ¹⁾ |
| Number of switching cycles | 15000 |

¹⁾ t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

Sensor

| | |
|--|----------------|
| Type of sensor | Light / Motion |
| Sensor technology | Microwave |
| Sensor detection angle | 120 ° |
| Sensor controlled switching time | 5 s...30 min |
| Detection range of motion sensor | 2...6 m |
| Detection threshold of daylight sensor | 2...50 lx |

Certificates & Standards

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





EQUIPMENT / ACCESSORIES

- Complete mounting and connecting accessories included

Safety advice

- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.
- Check wall-ceiling for suitability. If uncertain, seek professional advice.

DOWNLOAD DATA

| Documents and certificates | | Document name |
|--|--|-----------------|
|  | User instruction / safety instructions | ORBIS SQUARE |
|  | Legal information | Legal insert |
|  | Declarations of conformity | ORBIS CLICK SEN |
|  | Declarations of conformity UKCA | ORBIS CLICKSEN |

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|------------------------|
| 4058075472815 | Folding box 1 | 542 mm x 142 mm x 547 mm | 1965.00 g | 42.10 dm ³ |
| 4058075472822 | Shipping box 5 | 737 mm x 557 mm x 570 mm | 12126.00 g | 233.99 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.