

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

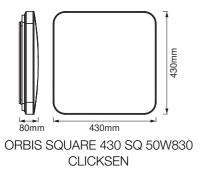
Nominal wattage	50.00 W
Nominal voltage	220240 V
Mains frequency	5060 Hz
Power factor λ	> 0.70
Protection class	II
Operating mode	Mains voltage

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



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	-2040 °C	
Type of connection	Push button terminal, 2-pole	
Type of protection	IP20	
Dimmable	No	
Mounting type	Surface	
Mounting location	Celling	
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 s30 min	
Detection range of motion sensor	26 m	
Detection threshold of daylight sensor	250 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
PDF	User instruction / safety instructions	ORBIS SQUARE
PDF	Legal information	Legal insert
POF	Declarations of conformity	ORBIS CLICK SEN
PDF	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.