MERRYTEK Microwave RADAR Motion Sensor for 400W LED

Product codes:

Reference: MC030SL

Product features:

Power (W): 400
Power source (V): 220-240V
IP: IP20
Frequency (Hz): 50-60Hz
Measures (mm): 77x36x26mm
Material: Thermoplastic
Operating temperature: -20ºC ~ +55ºC
Lifespan: 30.000h
Certification: CE - RoHS
Warranty: 3 años



Product attributes:

Product description:

Merrytek MC030S L ON/OFF Microwave Motion Sensor for LED Luminaires

The Merrytek MC030S L microwave motion sensor is a compact, professional lighting control solution designed to add automatic ON/OFF functionality to LED luminaires. Using 5.8 GHz high-frequency microwave technology, it detects motion reliably and helps optimise energy consumption in indoor lighting installations.

1mW max.IP20

1mW max.
PowerIP20
Protection220-240VAC
Voltage

This sensor is ideal for luminaires requiring a discreet, efficient and easy-to-configure detection system. Its compact design allows it to be built into many types of light fittings, while its input and output terminals make wiring easier during installation.

The MC030S L allows several parameters to be adjusted via DIP switches , including detection area, hold time and daylight threshold. This flexibility makes it possible to adapt the sensor's behaviour to the real requirements of each space, improving both user comfort and energy efficiency.

Why choose this product? **Compact size**
can be built into many LED luminaires. **Low stand-by consumption**
only ?0.1W. **Flexible configuration**
adjustable detection area, hold time and daylight threshold. Technical specifications Product typeON/OFF microwave sensor for LED luminairesModelMerrytek MC030S LInput voltage220-240VACFrequency50/60HzStand-by power?0.1WOutput controlON/OFFMax. LED / inductive load400WMax. resistive load800WOperating frequency5.8 GHz ±75 MHz, ISM bandTransmitting power1mW max.Detection radiusCeiling mounting at 3m: ?2.5m at 1m/s ; ?3.5m at 0.3m/sMounting height2.5-6m ceiling / 2-3m wallAdjustable detection area100% / 75% / 50% / 25% / 10%Hold time5s / 30s / 90s / 3min / 20min / 30minDaylight sensor2lux / 10lux / 25lux / 50lux / DisableIP ratingIP20InstallationBuilt-inWarranty5 years Recommended applications ?Technical LED luminaires: discreet integration inside compatible light fittings.?Indoor because parks: reduced energy consumption when areas are unoccupied.?Corridors and circulation areas: automatic switching when users pass through.?Warehouses and service areas: improved energy efficiency in intermittently used spaces.?Technical rooms: simple and reliable ON/OFF luminaire control. Advantages

- ? Compact size: can be built into many LED luminaires.
- ? Low stand-by consumption: only ?0.1W.
- ? Flexible configuration: adjustable detection area, hold time and daylight threshold.
- ? High load capacity: compatible with up to 400W LED/inductive and 800W resistive loads.
- ? Microwave technology: stable detection for professional applications.
- ? 5-year warranty: added security for lighting projects.

Installation guide

The MC030S L microwave sensor must be installed by qualified personl, with the power supply switched off before any wiring or configuration work. ? Tip: Avoid installing the sensor near metallic surfaces or vibrating elements to reduce unwanted triggering.

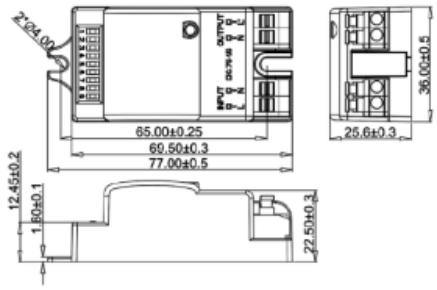
Frequently asked questions **Is it suitable for outdoor use?**
With a IP20 rating, it is protected against dust and water according to its classification. **What is the warranty?**
This product comes with a 5 ans warranty. ?

Warranty 5 ans
?

Certified product
CE?

In stock
Fast shipping

Product gallery:



Dimension (Unit: mm)



