OS/5.8 | on / off microwave sensor

Product description

OS/5.8 is a UK designed and built microwave presence detector capable of intelligent ON/OFF switching control of either LED, fluorescent or incandescent lamps making it suitable for use in most indoor lighting applications.

Their radar Doppler technology operates at 5.8Ghz and achieves a detection range of 6m in typical office environments.

The compact, low-profile enclosure is ideal for fixing within a luminaire, so provides simple, reliable cost-effective means of instantly reducing lighting energy bills.

Properties

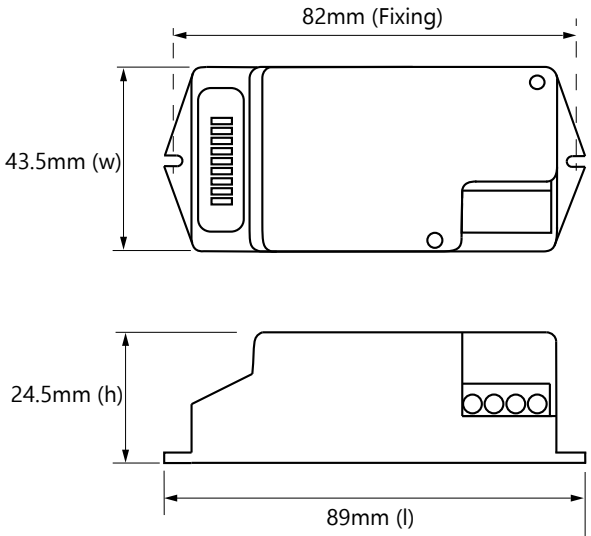
- Easy retrofit option for existing luminaires
- Detects movement and presence through glass and plastic diffusers
- Built-in Daylight sensor configurable to prohibit switching when there is sufficient daylight
- User-configurable settings for Sensitivity, On-time and daylight threshold
- Ultra-low power, around 1/10th of that emitted by mobile phones
- Intelligent 'Zero-crossing mains detection' improves load switching capability for long life 50,00hrs+ operation
- For mounting heights of 2m to 6m in internal applications*
- Compatible for multi-sensor operation of a single luminaire
- Push-wire terminals for solid conductors up to 1.5mm^2
- Common neutral provided for easy input/output wiring
- Complies with ETSI EN300 440, EN60669-1 & EN60669 Part 2_1

Microwave sensors may not be suitable for certain outdoor applications

Common Technical Data	
Input Supply Voltage	230V +/- 10%
Supply Frequency	50/60 Hz
Standby/ Operating Power	1.2W/ 1.7W
Maximum Load	400W Reactive, 800W Resistive
Detection Area (Typical)	4 - 6m Radius at 2.5m Ceiling Height)
Operating Temperature	0° to 50°C
Operating Frequency	5.8GHz
Sensitivity Settings	100, 75, 50, 25, 10%
On-time Settings	5s, 90s, 5min, 10min, 20min & 30min
Daylight Threshold settings	Disable, 50, 100, 150 & 200 Lux
IP Rating	IP20
Weight	50g

Model Number	Standard Pack Quantities	Weight
OS/5.8	100	5.5kg





Product specifications may be subject to change without prior notice