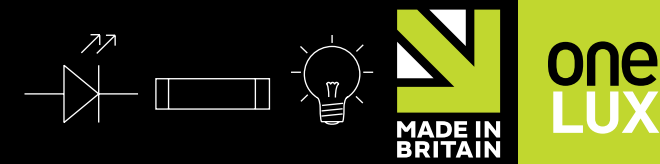


SENSORS | ONE-SENSE™

OS/5.8™ | ON/OFF FUNCTION MICROWAVE PRESENCE DETECTOR



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.

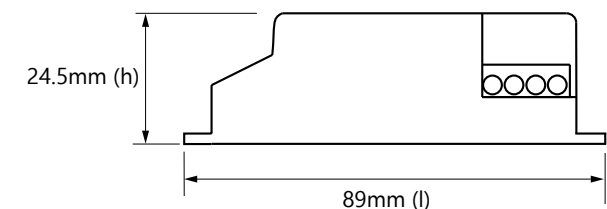
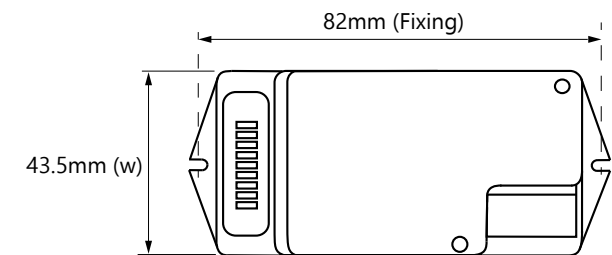
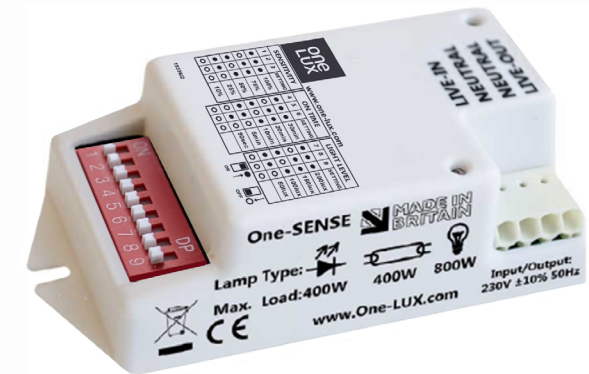
Properties

- > 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 50,000hrs+ 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 1.5mm²
- > Common neutral provided for easy input/output wiring
- > Complies with ETSI EN300 440, EN60669-1 & EN60669 Part 2_1
- > For dimming applications, please refer to our OS ECO PRO range

* 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 |



[Download 3D model](#)

[Installation Leaflet](#)



Product specifications may be subject to change without prior notice.

Issue-2 Oct 2017

