



**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 1.5mm<sup>2</sup>
- > 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, 30s, 3min, 5min, 15min & 25min
Daylight Threshold settings	Disable, 2, 5, 20 & 30 Lux
IP Rating	IP20
Weight	50g

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

