

Product description

- > Microwave sensor suitable for lighting applications
- > Detection range up to 16m
- > Small profile for internal fixing within light fittings with glass or plastic diffusers
- > Built-in daylight sensor
- > Can be used with LED, fluorescent and incandescent lamps
- > For ON/OFF switching applications. For dimming applications, please refer to our OS ECO PRO range
- > The most simple and cost-effective means of instantly reducing your lighting energy bills
- > 100hr 'burn-in' for conditioning fluorescent lamps before occupancy switching commences (ECO+)

Properties

- > Automatic switching based upon 5.8GHz (C-Band licence-free operation) Doppler principle radar technology
- > Ultra-low power, around 1/10th of that emitted by mobile phones
- > Long life 50,000hrs+ operation
- > For mounting heights of 2m to 6m in internal applications*
- > Daylight sensor built-in to prohibit switching when there is sufficient daylight
- > Unambiguous settings for sensitivity, hold-time and daylight threshold, selectable by DIP switch setting
- > Can 'see' through glass and plastic enclosures - no need for drilling or compromising the external appearance of the light fixture
- > Common output compatible for multi-sensor operation of a single luminaire
- > Horizontal push-wire terminations for easy wiring. Common neutral provided for easy input/output wiring
- > Easy retrofit option for existing luminaires – See ECO AIR range for wireless retrofit options

* Microwave sensors may not be suitable for certain outdoor applications

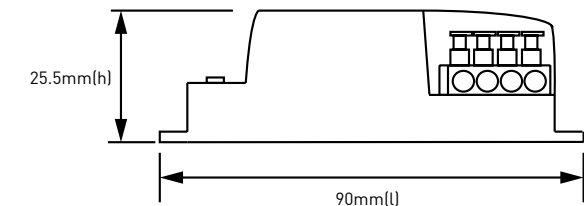
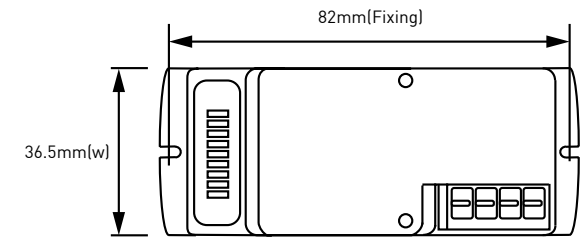
| Common Technical Data | |
|-----------------------|--|
| Input Supply Voltage | 230V +/- 10% |
| Supply Frequency | 50/60 Hz |
| Maximum Load | 400W Reactive, 800W Resistive |
| Detection Area | 16x6 maximum (8m at 2.5m Ceiling Height) |
| Operating temperature | -20° to 60°C |
| IP Rating | IP20 |
| Weight | 45g |

| Model Number | Standard Pack Quantities | Weight |
|--------------|--------------------------|--------|
| OS ECO | 100 | 5.5kg |
| OS ECO+ | 100 | 5.5kg |

* Also available in retail packaging

Accessories

- > IP65 enclosure
- > Retail packaging option



[Specifications & User Guide](#)

