

Stainless Steel Infrared Motion Sensor Lantern

To safely light your entrance and deter intruders



Model FSS52

Before commencing installation

The motion detector works by passive-infrared technology. It will switch the lights on when it detects "warm movement".

"Time on" is 1min (approx) NOTE: If triggered within this period, another 1min is added to the time already run.

Energy Saver - To prevent the sensor from switching the lights on during daylight hours a photocell is built in.

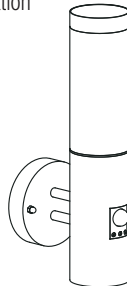
INSTALLATION

THIS UNIT SHOULD BE INSTALLED BY A REGISTERED ELECTRICIAN

- Power should be turned off at the switch board before installing this unit or changing lamps. Remove the fuse or turn off the circuit breaker.
- The unit should be wired via an independent switch

Location of Installation

- The range of the unit is 8 metres.
- The angle of field is 120°
- Recommended mounting height is from 1.2 to 1.8 metres
- Mount where the detectors field is not obscured by trees etc.
- Do Not aim at reflective surfaces such as water
- Avoid installing it near temperature variation zones, such as windows or air conditioners etc.
- For best sensitivity the detector should be pointing across the path of expected movement not directly up the path.
- Excessive moisture will prevent the reliable operation of the unit, it is recommended that it be mounted under an eave or otherwise protected from direct exposure to the weather



Operating the lantern

Normal Operation

On power up, the light will illuminate for approximately 40 seconds; this will allow the PIR to settle. After this time period, the lamp will flash to indicate that the fitting is in normal night-time only mode.

Problem Solving

The points noted under 'Location of installation' are most important for trouble free operation.

False triggering

1. If false triggering occurs, relocating may be required.
2. Stormy weather or electromagnetic interference can cause triggering and the unit does become more sensitive in cold weather.

If Lights won't turn on

1. Check that the lamp is not blown
2. Check that the main light switch is turned on.
3. Check wiring is correct
4. Reposition Lantern

NOTE: a) Once the detector has sensed movement and the light is still on a second movement will add further 'Time on'
b) Keep face of sensor clean from cobwebs etc.

Protection of Product surfaces

It is highly recommended that outdoor lighting fixtures are NOT installed until the building project, landscaping and finishing are complete. If earlier installation is unavoidable ensure that fixtures are carefully WRAPPED AND MASKED after installation.

Maintenance

- Lamps run hot, isolate power and allow to cool before touching.
- Cleaning - Outdoor Stainless Steel fittings can be a high maintenance option. Stainless Steel will not corrode with pure water alone; however dampness can cause corrosion like stains when there are contaminants on the steel. There are various grades of stainless Steel designed to resist different types of contaminants. In such situations, exposed to the seaside or other contaminants, regular washing with soapy water is a must to maintain the shiny bare metal look. A car wax or special steel rejuvenating polish can be applied to extend the maintenance period.