

LED Floodlights Installation Instructions



All Models:

Installation

- **IMPORTANT - This unit should be installed by a Registered Electrician.**
- Power should be turned off at the switchboard before installing this unit. Remove the fuse or turn off the circuit breaker.
- The unit should be wired via an independent light switch
- Take care when drilling mounting holes into mounting surface
- Observe the Phase, earth and neutral on terminal block or supply cable markings

Location:

- For durability and maintenance of paint finish it is preferable to mount the floodlight under an eave or be otherwise protected from direct weather exposure.

- Consider mounting position to avoid direct glare into eyes.
- Consider keeping appropriate distance between the flood light and delicate or flammable objects

Maintenance:

- Clean with soapy water only
- Do not clean with Acidic detergents or solvents
- Replace shield glass if broken
- Unauthorised modifications void the warranty

DO NOT DISMANTLE, THIS UNIT HAS NO USER SERVICEABLE PARTS

Sensor Models:

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 adjustable.

Energy Saving (*Lux Level*)

To prevent the detector from switching the lights on during daylight hours the built in Photocell is adjustable. When adjusted toward the **Sun** the icon it will work in ambient daylight, when adjusted toward the **Moon** icon it will only work at night.

Location of Installation

- Mount where the detector's 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.

Setting Up the Detection Field

- Switch the power on and wait 15 seconds for the unit to stabilize before any adjustments.
- Turn the Daylight knob to the maximum **Sun** position and the Time knob to the minimum **TIME** position.
- Adjust the aim of the detector head to the area that you want covered, move around within the area that you want covered to check that you are being detected. You may need to readjust the aim of the detector head until you are satisfied.

Setting Adjustments

- Once the detection field is set as above, turn the Daylight switch toward the **Moon** icon.
- To adjust at what light level the detector becomes active. At the time of the evening when the desired light level is reached that you want the detector to activate, adjust the Daylight knob towards the **Sun** icon until the detector is activated.

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 wont turn on

1. Check that the main light switch is turned on.
2. Turn adjustment from the **Moon** icon toward the **Sun** icon.

If lights won't turn off

1. Reduce time setting.
2. Turn adjustment from **Sun** icon toward the **Moon** icon.
3. Turn off main light switch for 30 seconds then turn on again.

Sensor Units

There are no user serviceable parts inside Sensor Units.