LightSymphony™

Wireless PIR Motion Sensor

| 75mm |
| 115mm |

Features

- IP 55
- Adjustable 1 – 15 minutes
- 1000meter Range
- Does not over-ride user's control
- Adjustable sensitivity
- Mains powered
- 'Lid-On' programming using Remote Control

Part No. LS30070PIR

Description

The wireless PIR sensor can be programmed to trigger the whole garden or an individual Area for a pre-set time. Any number of PIRs can be installed together and will not over-ride the user's control or each other i.e. if the lights have been switched on manually, a triggered PIR will not switch them off.
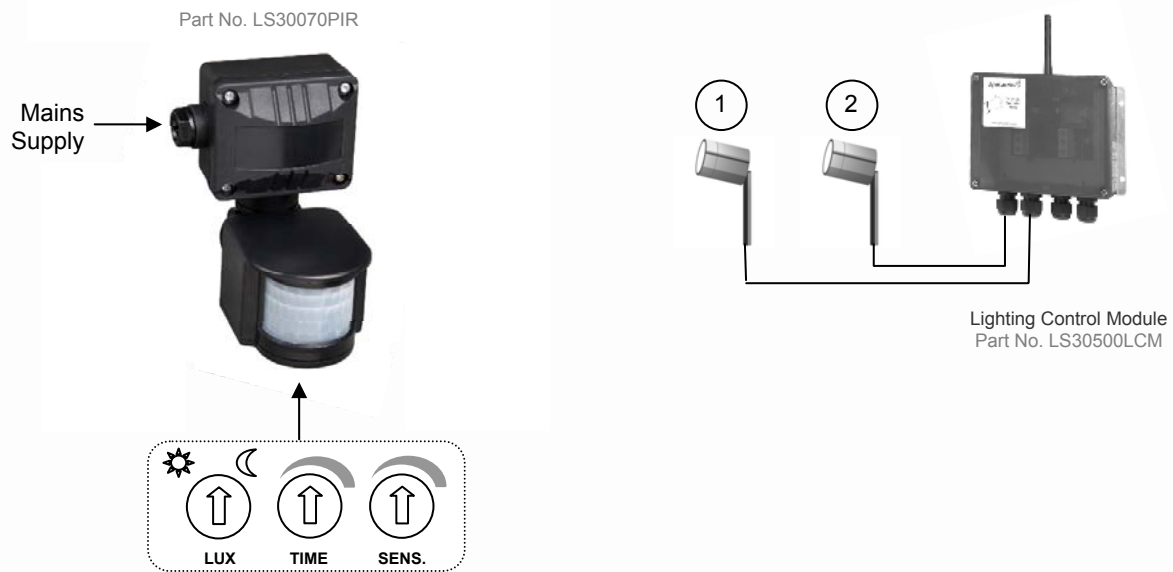
It is mains powered for zero maintenance but transmits wirelessly to the Lighting Control Modules, base-station and signal repeaters.

The PIR contains an adjustable 'dusk' sensor to prevent lighting triggers during the day. It is programmed wirelessly from the Remote Control (part number LS30050WRC), which is required for commissioning only.

Specification

Control	-	Timed trigger for whole-garden or a selected Area (scene), without over-riding circuits which have been manually switched on
Range	-	1000 metre wireless range line-of-site
Adjustment	-	PIR sensitivity, On-time (1-15 mins), Dusk level
Module Size	-	75 x 115 x 110mm
RF	-	434.075MHz Narrow Band FM
Coding	-	Security channels 1–16 (learnt from Remote)
Power	-	230VAC, <1W, 50Hz
CE Compliance	-	EN220-300, EN 50081 – 1, To EN 50082 – 1

Application Example

Part No. LS30070PIR

Mains Supply →

1 2

Lighting Control Module
Part No. LS30500LCM

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⇧   ⇧   ⇧
LUX   TIME   SENS.

How to use it

The PIR is factory configured to trigger the whole garden, outputs 1 and 2 in the above example, but can easily be re-programmed to control a specific 'Area' (1 - 29), see Programming below.

If a Lighting Control Module's output is already on then the PIR is ignored, to prevent it over-riding the user's control. Similarly, if more then one PIR is installed, the Lighting Control Modules always respond to the PIR triggered last, preventing conflict and incorrect timing.

The trigger-time, PIR sensitivity and dusk-level can all be adjusted from the underside.

Programming

Using the remote control (Part No. LS30050WRC), the PIR's control function can quickly be changed.

1.   Apply mains power

2.   Hold the remote near. Press & hold the desired remote key

3.   It beeps to say it's learnt the new function