CAN PIR

The ECOLUX CAN PIR is a sensor for automatic lighting control. It detects movement using a PIR sensor, which updates the light controller using a CAN bus interface. When an area is no longer occupied, the device times out after a configurable period.

This detector features our Progressive Sensitivity function to eliminate false triggering. There is also an integral lux detector, enabling the sensor to control daylight linking. Daylight linking can be configured either to keep lights off when there is sufficient ambient light, or used as part of a closed loop to maintain a pre-set luminance level in a dimmable system.

This PIR can also be specified with custom painted bezels to further help the sensor blend into the surface on which it is mounted.

Also available in a high bay configuration.
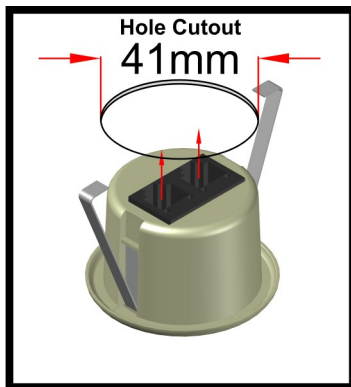
Installation guides are available on our website

Part Number:

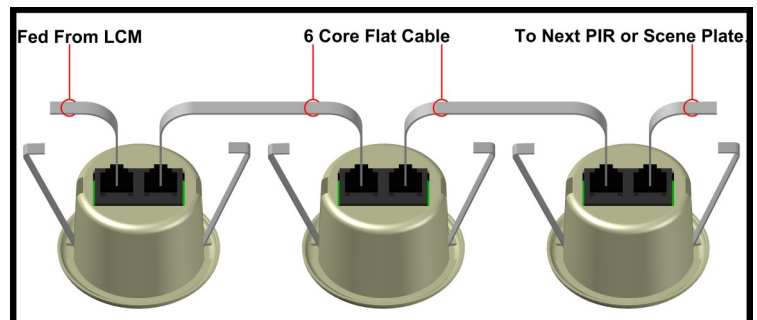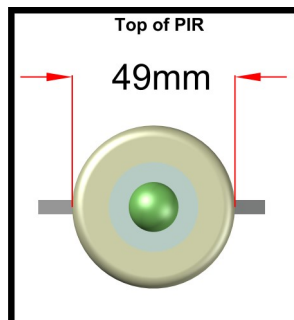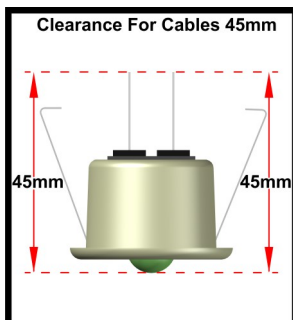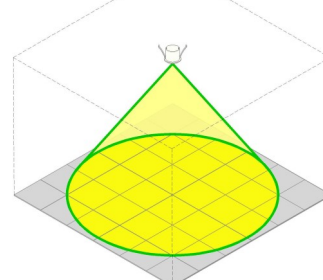|	
LC-CANPIR	**White**
LC-CANPIR/BLK	**Black**
LC-CANPIR/SIL	**Silver**
LC-CANPIR/IP	**IP65 Rated**

ECOLUX DATASHEET

- Connection by RJ12 connectors on the back of the unit
- Two connectors to allow easy onward connection.
- Device ID is set during commissioning using an IR tool, and there is a visual alert to show when a device has not been addressed.
- The walk-test mode, indicated by an LED, helps when configuring the detector.

Hole Cutout
41mm

Clearance For Cables 45mm
45mm   45mm

Top of PIR
49mm

Fed From LCM   6 Core Flat Cable   To Next PIR or Scene Plate.

Supply voltage	9-30 VDC
Power Consumption	120mW
Range	6m at 2.8 ceiling height
Max number of devices per sub-net	10
Fitting hole size	**41mm**
Material (body of unit)	Flame retardant ABS
Material (clear lens)	Clear acrylic (PMA)
Standard colour	RAL 9010
Temperature range	-10°C to 35°C
Max humidity	90% CH (non-condensing)

Detection Range 6m at 2.8m Ceiling Height

IMPORTANT: Information contained in this datasheet is subject to change at any time without notice.
Installation guides are available on our website (www.lightingcontrols.ltd.uk) or call us on 01252 470 027.