

LC-CANPIR CAN PRESENCE DETECTOR

Key Features

The ECOLUX CAN Presence Detector 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 neat, compact PIR is an ideal choice for mounting in trunking or on luminaires, and where aesthetics are important. The LC-CANPIR can also be specified with custom painted bezels to further help the sensor blend into the surface on which it is mounted.



CAN Connection

The ECOLUX CAN Presence Detector is connected by RJ12 connectors on the back of the unit; there are 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.



CAN Presence Detectors installed on one of our sites, Mariscal Square (above).



Detection pattern

Circular and approximately 6m diameter when PIR is mounted at a height of 2.8m (see image on the left).

Supply voltage	9-30 VDC
Power Consumption	180mW
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	RAL9010
Temperature range	-10°C to 35°C
Max humidity	90% CH (non-condensing)

