



Key Features

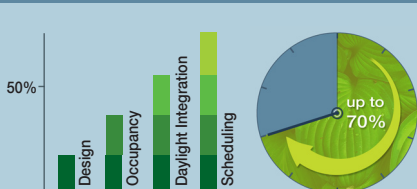
- Excellent sensitivity to small movements using Quad-Pyro technology
- Greater sensor stability with reduced noise susceptibility
- 360 degree detection area
- Compact 49mm diameter size for easier installation in chilled beam and In fill plate application
- Up to 3 presence detectors can be attached to an individual input
- Ceiling flush mounted
- Supplied complete with 5 metre lead to connect to Lighting Control Modules

Code Compliance



- Improves BREEAM & LEED scoring for building sustainability.
- Contributes to energy reduction targets under Climate Change Levy (CCL) and Carbon Reduction Commitment (CRC).
- Qualifies for Enhanced Capital Allowance (ECA) applications.
- Delivers lighting control requirements under UK Building Regs - L2a & L2b and BRE: 498.

Achievable Energy Savings



Overview

This multi sensor is designed for use with Greengate LCM systems. It features 3 functions: PIR presence detection, daylight measurement and an infra-red receiver. All three functions may be programmed within the Greengate LCM software according to specific user needs.

The infra-red receiver feature is used in programming mode for rapid configuration. In operational mode users may turn on/off lighting and adjust level locally when a hand held IR transmitter is provided.

The daylight feature is used to maintain constant light level where controlled luminance (daylight linking) is required.

The PIR feature may be programmed for operation of absence or presence detection modes.

Used together the Combined Sensor's features ensure maximum flexibility and energy savings for the user.

Suitable For

Cellular office
Open plan office
School classroom
Lecture theatre
Retail complex
Public library
Sports hall
Airport terminal
Hospital wards
Factory production area
Corridor & staircases
Foyer & atriums
Plant room
Storeroom
Consulting room
Meeting room



Surface mounting box
AX-SMA1
(Order Separately)

Operating Parameters

Established in software, eg. time out period
Re-programmed at anytime by PC/Laptop
Connects to any input of any Lighting Control Module
Controls any luminaire anywhere on the System
Altered to suit individual requirements of position or user

Technical Information

Construction: Circular plastic housing UL94 V0 rated

Dimensions: Diameter front 49mm, rear 39mm. Depth 30mm

Fixing: 2 x spring clips

Mounting Hole Diameter: 40 to 45mm Diameter depending on ceiling material

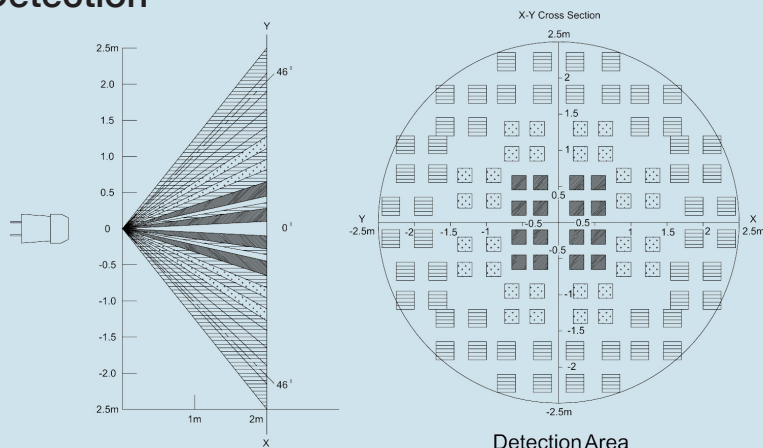
Weight: 35g

Temperature: 0 to 45°C (non condensing)

Supply: 12 - 24V dc (regulated)

Load data: 8m A @ 15V

Detection



The differences in the detection zone patterns are indicative of the projections of the 26 lenses with single focal point and with three optical axis. An object whose temperature differs from the background temperature and which crosses inside the detection zone will be detected.

Voltage



PELV

CLASS 2 (US)



Standards



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