

PIR SENSOR

specifications for ceiling & wall mount PIR sensors

PROJECT INFORMATION	
CATALOG #:	
TYPE:	
PROJECT:	
SPECIFIER:	

MULTI-SENSE SOLUTION

This is a multi-sensing solution that enables users to enact a lighting control strategy and collect valuable building operating data.

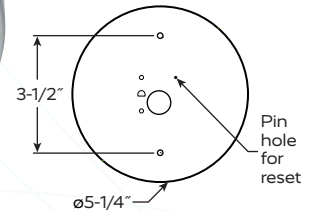
REAL-TIME DATA

A restful API can send real-time data to one of many third-party integrators for analytics and reporting.

- PIR MOTION SENSOR**
 Presence sensing via passive infrared (PIR) array sensor.
- LIGHT LEVEL SENSOR**
 The sensor detects changes in sunlight to enable lights to automatically reduce power consumption.
- TEMPERATURE SENSOR**
 This sensor ensures building operators and tenants are able to maintain a constant view of building operating conditions.
- NODE CONNECTION**
 The sensor conveniently connects to any Platformatics node. This enables users to easily add sensors anytime, anywhere.
- SENSOR AUTO DETECTION**
 Each sensor is automatically discovered by the PAC Software and can simply be configured.



CEILING MOUNT

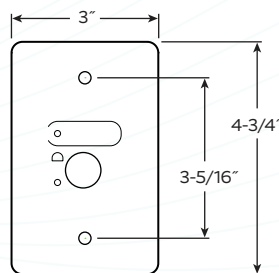


SPECIFICATIONS	
Connect Software Requirements	Minimum V1.1
Safety Compliance	Compliant with UL 924 & UL 2108
ROHS	Compliant
DLC	DesignLights Consortium networked lighting controls systems qualified product.

ENVIRONMENTAL SPECIFICATIONS	
Normal Operating Temperature and Altitude (Density Altitude)	-5°C to +45°C (+23°F to +113°F), up to 5000ft (1500m) -5°C to +40°C (+23°F to +104°F), up to 10,000ft (3000m) Min ambient temperature for cold start is 0°C (+32°F)
Relative Humidity	10% to 95%, noncondensing
Storage Environment	Temperature: -40°C to +70°C (-104°F to +158°F) Altitude: 15,000 ft
Location	For use in dry locations.



WALL MOUNT



CABLING AND CONNECTOR CONSIDERATIONS
available at PLATFORMATICS.com

ordering information

PRODUCT	MOUNTING	CONNECTOR
POE-S1- PIR Sensor	C-B-W- Ceiling Mount	ST Screw Terminal
	W-B-W- Wall Mount	

Sample: **POE-S1-C-B-W-ST**



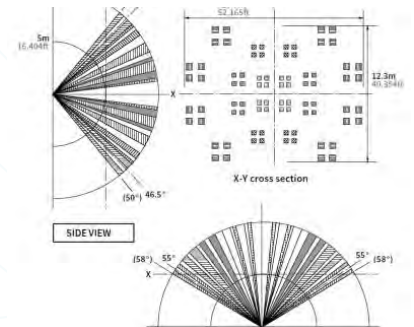
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FEATURES & BENEFITS

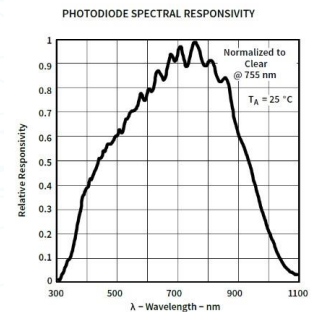
▶ **PIR Motion Sensor**
(Passive Infrared)

The PIR sensor detects movement up to 33 ft/ 10M. The horizontal x vertical range is 1000 x 930. The diffusion cover supports 80 zones. These features combine to create a highly reliable motion/vacancy sensor.



▶ **Light Level Sensor**

The light level sensor enables customers to maintain constant light level while maximizing savings. The sensor detects changes in sunlight to enable lights to automatically reduce power consumption.



▶ **Temperature Sensor**

The onboard temperature sensor accurately measures between -130F – 1850F (and -250C – 850C). This sensor ensures building operators and tenants are able to maintain a constant view of building operating conditions.

