

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

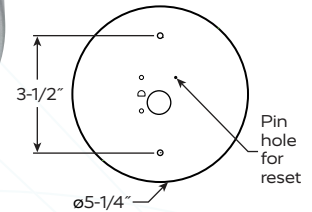
The sensor conveniently connects to any Platformatics node. This enables users to easily add sensors anytime, anywhere.

SENSOR AUTO DETECTION

Each sensor is automatically discovered by the PAC Software and can simply be configured.



CEILING MOUNT



SPECIFICATIONS

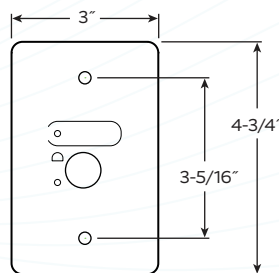
Connect Software Requirements	Minimum V1.1
Safety Compliance	Compliant with UL 924 & UL 2108
ROHS	Compliant
DLC	DesignLights Consortium networked lighting controls systems qualified product.

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



ordering information

CABLING AND CONNECTOR CONSIDERATIONS
available at PLATFORMATICS.com

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**



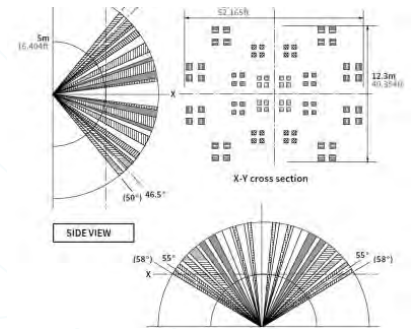
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FEATURES & BENEFITS

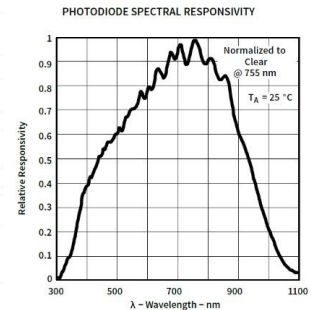
▶ **PIR Motion Sensor**
(Passive Infrared)

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.

