

Casambi Wireless PIR Sensor + Light Sensor



Description

- The sensor combines presence sensing, daylight harvesting and Casambi radio technology into a small package. It enables delivering wireless controllability with minimal engineering effort.
- Typical application is for hallways, stairways, offices, conference rooms, classrooms and other indoor public building spaces.
- Accessories available for standalone ceiling installations, see **page 3** for more information.

General

Product name:	SR-CS9032A-PIR-V Wireless Sensor
Product code:	SR-CS9032A-PIR-V
Electrical number:	
Customer code:	
Warranty:	5 years
Accessories:	Standalone ceiling mount kit (page 3)

Product Dimensions

Dimensions (without mount):	Ø32 mm * H36,3 mm
Weight (without mount):	12,3 g (without locknut) / 21,3g (with locknut)
Mounting Hole Size:	Ø22,5 mm / 1/2 Trade size knockout

Product Specifications

Housing Material:	ABS
Color:	White
IP Rating:	IP20
Connectors:	3 pin connectors / 0.2-0.75 mm ² / 24-18 AWG
Strip Length:	7-9 mm / 0.28-0.35"

Electrical Information

Input Voltage:	12/24VDC
Current Consumption:	< 30mA (when dimming method = sink)
Dimming Control:	Analog (0-10V)
Dimming Output:	4mA (sink) / 20mA (source)
Status Indicator:	Red (motion detection)

Wireless Communication

Transceiver Frequency:	2.4GHz ISM band
Radio Range:	50 m / 164' in open field
Radio Certification:	CE, FCC/IC

Lighting Control

Features:	Continuous dimming, Individual/group addressing, Scene control, Task tuning (0-100%) Autonomous sensor-based control, Scheduler control
-----------	--

Product Images



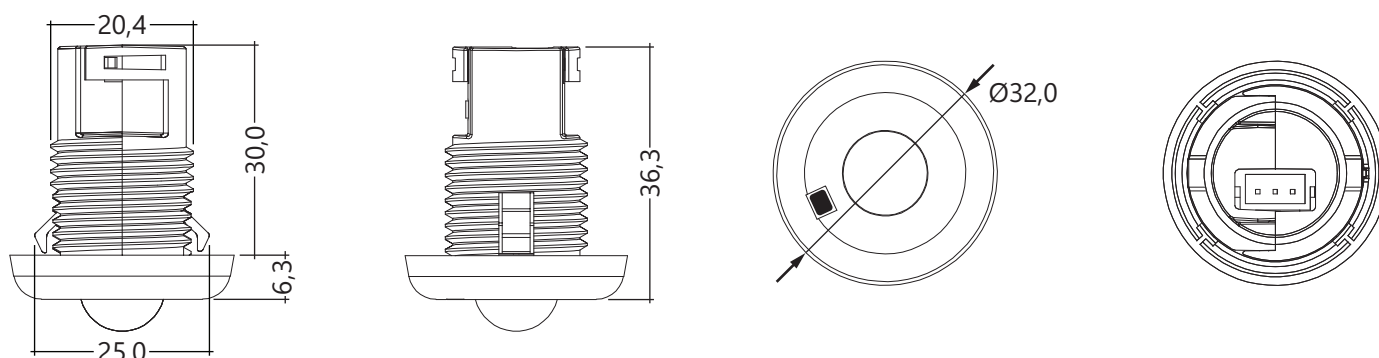
Sensing

Occupancy Sensing Type:	PIR sensor
Lux Detection Range:	0-1000 Lux
Mounting Height:	Recommended height 2,5 m / 8'
Detection Angle:	130°
Detection Range:	Detection area Ø5 meters @ 2,5 m mounting height

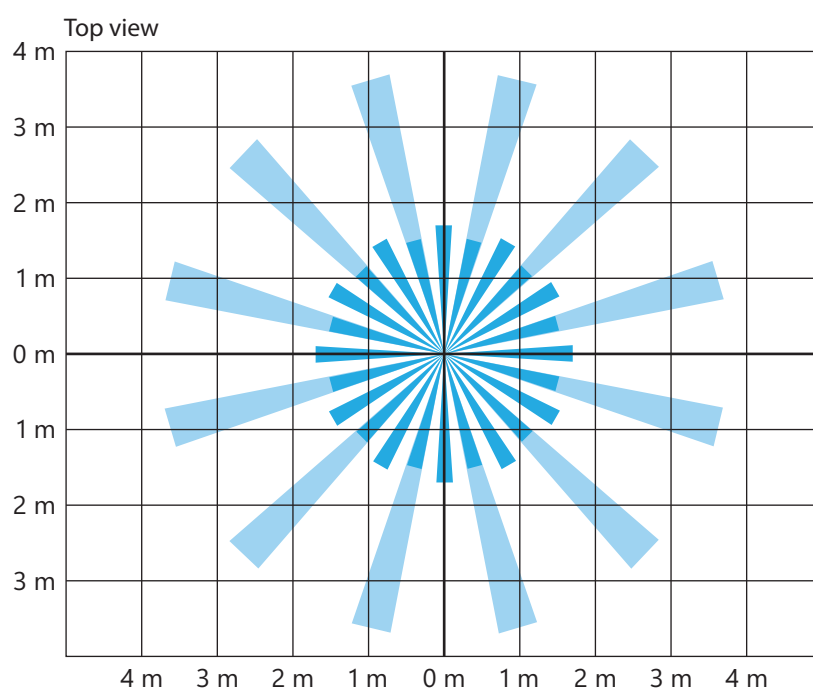
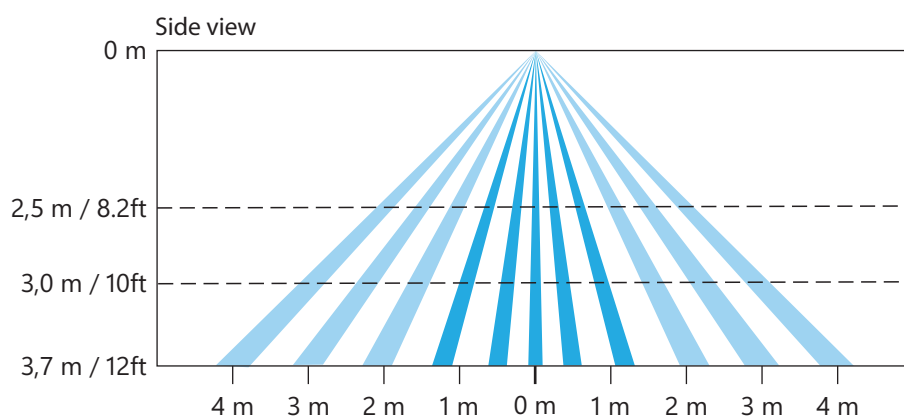
Environment

Operating Temperature:	0°C - 40°C / 32°F - 104°F (indoor use only)
Operating Humidity:	0-95% (non condensing)
Safety Certifications:	CE, RoHS, cULus Listed

Dimensional Drawings



Detection Coverage



The detection area for movement sensor can be roughly divided in to two parts:

- Slow movement (<1.0'/s or 0,3 m/s)
- Rapid movement (>1.3'/s or 0,4m/s)

Mounting Accessories

Wiring Diagram

