



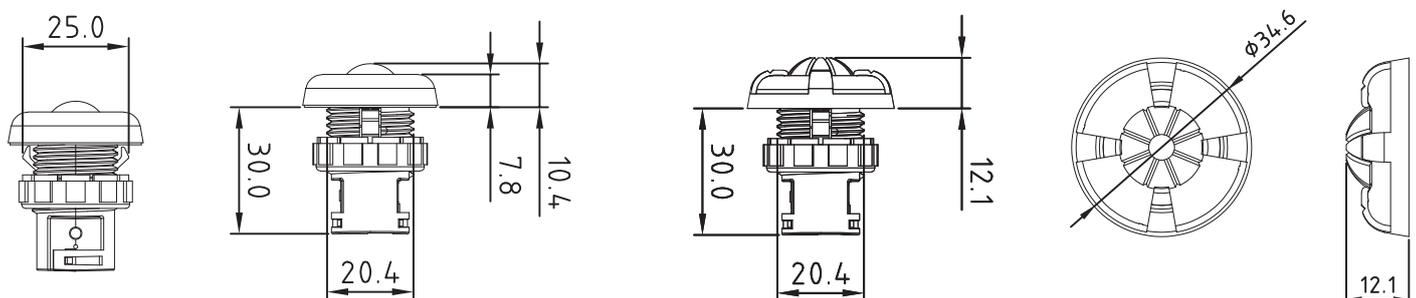
Features:

- CASAMBI Enabled Wireless Control
- 0-10V Dimming Output
- Ceiling / Fixture Mounted PIR Motion Sensor
- Daylight Sensor for Ambient Light Detection
- Adjustable Detection Area & Sensitivity via App
- Scene Control & Scheduling via CASAMBI App
- ON / OFF and Dimming Control via CASAMBI App
- IP20: Ingress Protection
- 5 year warranty

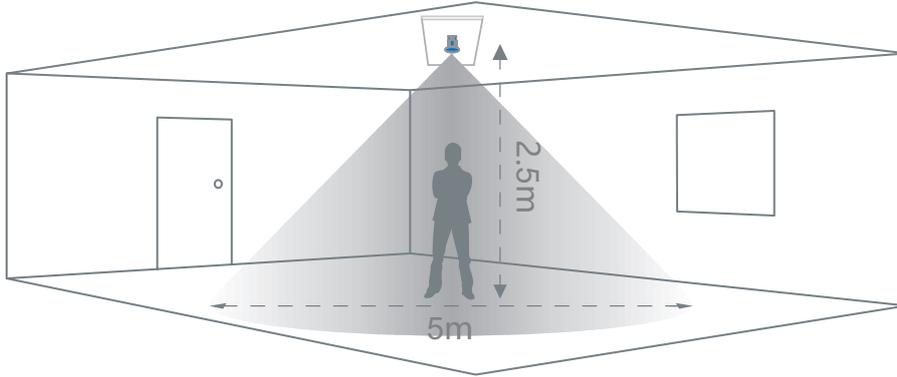


Model		SR-CS9032A-PIR-V
Specifications	Dimensions	φ34.6*30m
	Weight	0.0123kg (without locknut) / 0.0213g (with locknut)
	Material / Colour	ABS / White
	Connectors / Wire Gauge	3 pin connectors / 24~18 AWG (0.2~0.75 mm2)
	Strip Length	0.28~0.35 in. / 7~9 mm
Electrical Information	Input Voltage	12/24V DC
	Current Consumption	< 30mA (when dimming method = sink)
	Dimming Control	Analog (0-10V)
	Dimming Output	4mA (sink) / 20mA (source)
	Status Indicators	Red (motion detection)
Wireless Communication	Transceiver Frequency	2.4GHz ISM band
	Radio Range	164 feed (50m) in open field
	Radio Certification	FCC/IC, CE
Lighting Control	Features	Continuous dimming, individual/group addressing, scene control, task tuning (0~100%) Autonomous sensor-based control, scheduler control
Sensing	Occupancy Sensing Type	PIR sensor
	Lux detection range	0~1000 LUX
	Mounting Height	Recommended height: 8ft (2.5m)
	Detection angle	130°
	Detection range	Up to 5 metres @ 2.5m installation height
Environment	Operating temperature range	0°C to 40°C (indoor use only)
	Operating Humidity	0~95% (non condensing)
	Safety Certification	cULus listed, CE
Safety & Warnings	<ul style="list-style-type: none"> • DO NOT Install with power applied to the device • DO NOT expose the device to moisture 	
Notes	<ul style="list-style-type: none"> • PIR motion detection • Daylight harvesting • Works with 0-10V dim-to-off LED drivers • Autonomous sensor-based control • Can be use for indoor applications • Can be used for indoor applications 	

Mechanical Specifications

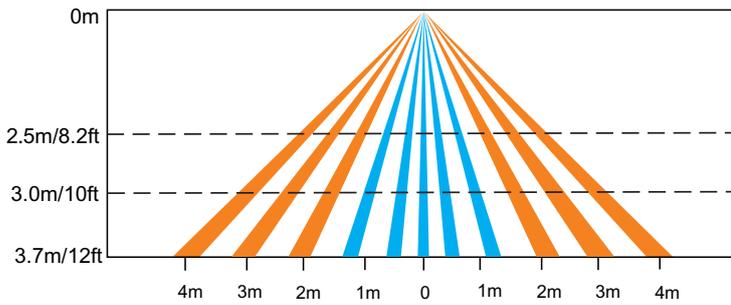


Detection Pattern

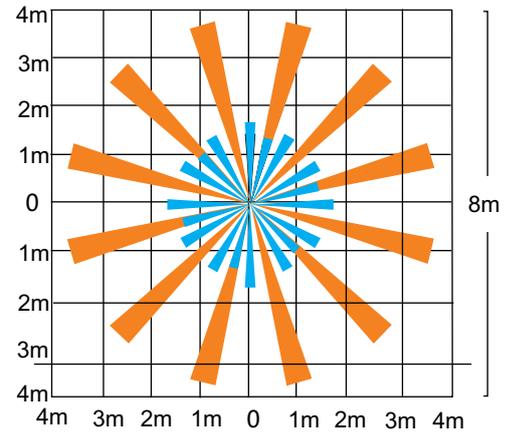


Coverage:

Side View



Top View



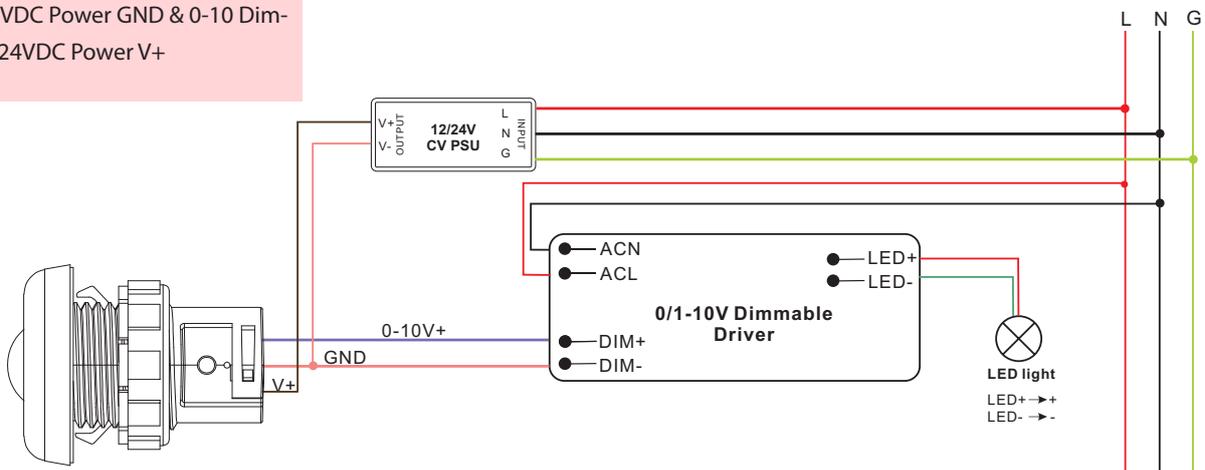
The detection area for movement sensor can be roughly divided into two parts:

- █ Slow movement (person moving < 1.0'/s or 0.3m/s)
- █ Quick movement (person moving > 1.3'/s or 0.4m/s)

Wiring Diagram

Note:

- Violet: 0-10V Dim+
- Pink: 12/24VDC Power GND & 0-10 Dim-
- Brown: 12/24VDC Power V+

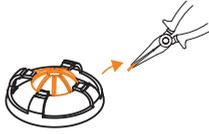


Accessory

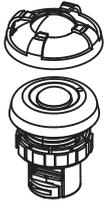


Lens Cover, free to manage the detection pattern.

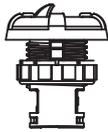
How to install the accessory



Step 1. Per different demands, using tweezers to subtract the shielding piece.



Step 2. Put the Lens cover on the sensor.
And rotate it to the right spot of detection pattern.



Done!

- Avoid areas with frequent temperature changes: Keep away from air conditioners, fans, refrigerators, ovens, and other objects that cause rapid temperature changes. The detection effectiveness of PIR motion sensors is closely related to temperature fluctuations, and vents or heat sources can lead to false alarms.
- Avoid areas with significant air flow.
- Avoid facing glass doors and windows directly:
 - 1) Do not face glass doors and windows directly to avoid interference from strong light.
 - 2) Avoid complex environments outside doors and windows, such as direct sunlight, crowds, and moving vehicles.
- Avoid installing opposite large, constantly moving objects: Large objects with significant motion can cause sudden changes in airflow within the detection area, leading to false alarms. Outdoor PIR motion sensors should not be installed opposite large trees or tall bushes.
- Avoid areas with screens, furniture, large potted plants, or other obstacles within the detection range.
- Avoid areas exposed to direct sunlight.