

PIR Occupancy Sensor



*The Key to Lighting
Comfort and Energy Savings*

Controls

- Delayed-Off timer (30 sec – 30 min)
- Ambient light threshold (20 – 320 Lux)
- Infra red range
- Sunset sensor override
- Normal occupancy / walk-thru mode
- Test mode. Automatic reset to normal operation after 15 minutes
- LED indicators

Accessories

- Brackets, screws and wall plugs for surface mount in solid ceiling
- Spring clips for flush mount in drop ceiling
- Infra red zone mask

Powerpacks Supported

- SUREN PS-124
- SUREN PS-224

CL-306 is a dual-element infra red sensor.

Mounted at a height of 2.4m, this sensor detects people moving within 6m diameter of a full circular coverage area.

CL-306 can be surface mounted or flush mounted for an attractive, un-obstructive appearance.

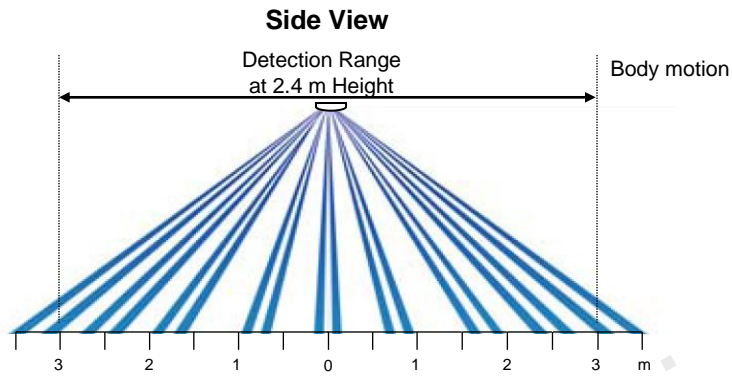
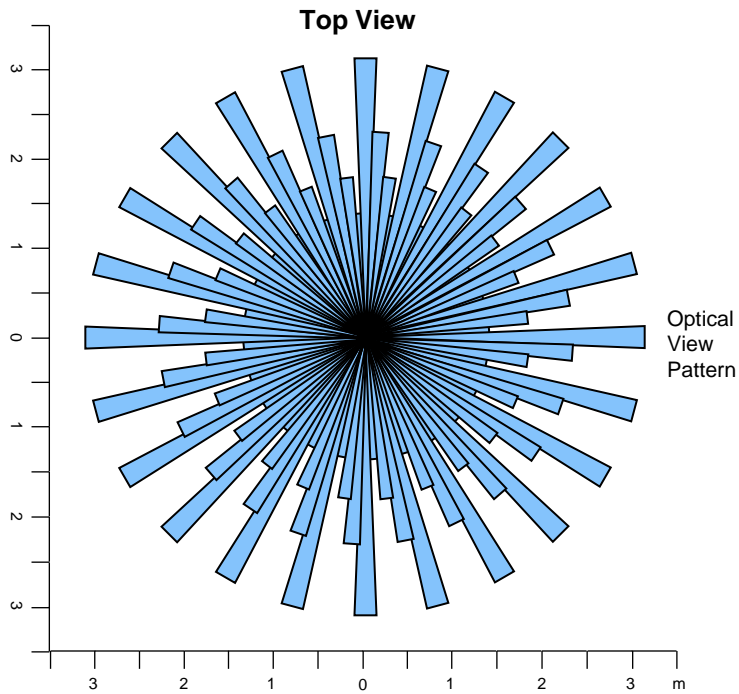
One or many sensors can be connected with Suren's (or compatible) power packs to control a wide range of load types, including lighting or HVAC devices.

Infra Red Motion Detection



- 360 degree coverage
- Detection range 6m diameter
- Dual-element pyros
- 216 optical view patterns. The detection sensitivity depends on the number of optical view patterns over the detection area

Smart Features

- **Sunset Sensor** (Photocell) that enables lighting only when ambient light is low
- **Detection Sequence Logic (DSL)** that uses intelligent processing to turn light on when major motion is detected and to keep the light on with relatively smaller motion
- Automatically adapts to different occupancy patterns including normal occupancy and walk-thru modes
- In normal occupancy mode, light is turned off after some delay after the last person leaves the area
- In walk-thru mode, light is turned off shortly after person leaves the area



Specifications

Supply Voltage	24 V DC	Power Consumption	0.22 W	
PIR Detection Range	6 m diameter mounted at 2.4 m height			
Operating Temperature Range	-40° C to 55° C			
Recommended Mounting Height	2.3 m to 4 m			
Housing	High Impact ABS			
Dimension	Overall Height	56 mm	Diameter	110 mm
Approvals	 			
Optical View Pattern	Long Range	Mid Range	Short Range	Look Down
	48	96	64	8

All specifications are subject to change without notice.