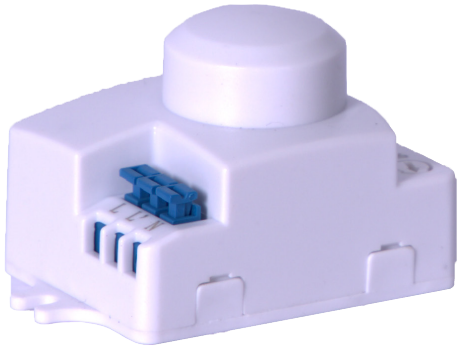
CD-MV360S

MICROWAVE OCCUPANCY SENSOR

COSINE DEVELOPMENTS
LEADERS IN LIGHTING TECHNOLOGY



OVERVIEW:

- Load Capacity of 600W
- Detection radius of up to 8m
- 30 minutes maximum time setting
- Microwave sensor can be seen through boundaries etc.
- 2 year warranty

PRODUCT DESCRIPTION:

The CD-MV360S is an active microwave motion detector. It emits a high frequency electro-magnetic wave of 5.8GHz and receives the Doppler echo. The sensor detects the change in the Doppler echo even from the slightest movement in the detection zone. The unit is designed to fit into the luminaries or behind ceiling boards. There are no blind spots. Detection is possible through doors, panes of glass and thin walls and soft furnishings. A built-in light sensor facilitates daylight harvesting.

3 adjustments are provided:

- Sense range
- Daylight harvesting lux adjustment
- Delay time

SPECIFICATIONS	
Daylight Harvesting	30 lux (minimum setting) to daylight (maximum setting) (300 lux at 75% setting)
Detection Angle	360°
Detection Range	1 to 8 meters
Dimensions	70 x 41 x 40mm
HF System	5.8GHz CW radar (ISM brand)
Installation Height	Up to 3.5m
Power Consumption	0.9W
Power Frequency	50 - 60 Hz
Power Source	220 - 240Vac
Rated Load	600W
Time Delay	8 seconds to 30 minutes
Weight	67g

CD-MV360S (CONTINUED)

MICROWAVE OCCUPANCY SENSOR

COSINE DEVELOPMENTS
LEADERS IN LIGHTING TECHNOLOGY

OVERVIEW:

- Three-sensor configuration
- Detection diameter of up to 12m
- Unsurpassed relay contact rating of 30A
- 30 minutes maximum time setting
- 2-year warranty

INSTALLATION GUIDE:

Please take note of important points below which could cause false on/off triggering:

- Install sensors within their mounting height rating. This will ensure that the sensor functions at its full potential.
- Can sense through glass, dry walls so can be prone to false triggering by detecting occupants in an adjacent room or corridor. Positioning and detection range setup must be taken into consideration.
- The microwave sensor cannot sense through metal. Ensure there is no metal obstructions between sensor and detection zone.
- High levels of vibration can cause false triggering, avoid positioning sensor close to heavy duty motors (lift motors, aircon duct system or heavy-duty fans) that may cause the ceiling to vibrate.