Wattstopper
Microwave Occupancy Sensor
Part No. FM-105

The FM-105 High Frequency Occupancy Sensor is a line voltage sensor that turns lighting on and off based on occupancy, and can hold lights off when sufficient daylight is available. It detects motion via high frequency electromagnetic waves and the Doppler principle. Because it can detect motion through many dense materials other than metal, the FM-105 can be installed behind fixture lenses and hidden from view.

Features & Benefits

- Adjustable time delay
- Adjustable detection sensitivity
- Hold-off daylighting control
- Mounting bracket for flexible installation
- Line voltage occupancy sensor
- Mounts behind fixture lens hidden from view

Specifications

General Info

Product Line	Wattstopper	Color	White
UPC Number	754182924004	Country Of Origin	China
Product Series	FM-105	Features	Adjustable Time Delay, Flame Retardant, Light Level Sensor, Sensitivity Adjustment
Installation Location	Ceiling, Fixture, Wall	Included	Directional Shield, Mounting Foot
Standard	UL, cUL, FCC part 15	Warranty Type	5-Year
Type	Sensor		

Dimensions

Product Width US	2.1 in	Product Weight US	0.1 lb

Product Volume US	20.7 cu in	Product Depth US	1.4 in
Product Height US	2.1 in		

Additional Information

RoHS Compliant	Yes	Security	Yes

Technical Information

Operating Temperature Min	-4 °F	Has Battery	No
Number of Connections	3	Sensor Coverage Pattern	180 deg, 360 deg
Sensor Type	Occupancy	Operating Temperature Max	131 °F
Sensor Mounting Height	5 ft, 8 ft	Sensor Technology	Photosensor, Radio Frequency
Input Voltage	120/277 VAC	Line Frequency	50 Hz, 60 Hz
Indoor/Outdoor	Both	Mounting Type	Fixture Embedded, Mounting Foot
On Function	Auto On	Operating Temperature	-4°-131°F (-20°-55°C)
Operating Humidity	5-95% RH (Non-Condensing)	Sensing Range	20 ft diameter
Wire Connection Type	Terminal Block		