



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
Finish	Gloss	UPC Number	754182924004
Country Of Origin	China	Material	Polycarbonate
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
Application Sector	Commercial	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
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Technical Information

Operating Temperature Min	-4 °F	Timer Type	Trimpot
Load Rating	1200 W @ 277 VAC, 800 W @ 120 VAC	Has Battery	No
Sensor Coverage Pattern	180 °, 360 °	Sensor Type	Occupancy
Operating Temperature Max	131 °F	Sensor Mounting Height	5 ft, 8 ft
Sensor Technology	Photosensor, Radio Frequency	Timer Duration	10 Seconds-30 Minutes
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	-20°-55°C, -4°-131°F
Operating Humidity	5-95% RH (Non-Condensing)	Sensing Range	20 ft diameter
Location Rating	Dry	Wire Connection Type	Terminal Block
Storage Temperature	-22° - 176° F, -30° - 80° C		