



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	Glossy	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	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
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Product Volume US	20.7 cu in	Product Depth US	1.4 in
Product Height US	2.1 in		
Additional Information			
RoHS Compliant	Yes		
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 deg, 360 deg	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
Wire Connection Type	Terminal Block	Storage Temperature	-22° - 176° F, -30° - 80° C