

Occupancy Sensor - Commercial Grade Line Voltage Ceiling Mount Occupancy Sensor, White

Item CS107S



PRODUCT DESCRIPTION

This line voltage occupancy sensor uses passive infrared (PIR) technology to detect motion and ambient light levels. It can be used to automatically turn lights on and off in a room based on occupancy. The sensor can be programmed to turn lights on and off after a user-specified time, from 5 seconds to 30 minutes. It is also self-contained, so it does not require a power pack

FEATURES

- ▶ PIR sensing improves presence detection while avoiding false triggers, even in areas with partitions and/or small movements
- ▶ Zero-crossing technology for long life and performance
- ▶ Coverage: 360°, 1600 ft² PIR,
- ▶ Adjustable ambient light sensor override
- ▶ Requires neutral connection
- ▶ Incandescent/Fluorescent/CFL/LED compatible

APPLICATIONS

- ▶ Indoor Sensing Control

TECHNICAL DATA

General

Model Number	CS107S
Description	Commercial Grade Line Voltage Ceiling Mount Occupancy Sensor, White
UPC Code	
Brand	E2 Lighting
Warranty Period	2-Year limited
Country of Origin (Intermatic)	CHINA
Application Compatibilities	Incandescent; Fluorescent; CFL; LED
Market	Commercial; Industrial; Residential; Utility

Control Specifications

Sensor Switch Type	Occupancy
Sensor Technology	PIR Technology
Adjustable Time Delay Min	5 sec
Adjustable Time Delay Max	30 min
Adjustable Light Level Min	10 fc
Adjustable Light Level Max	Daylight
Ultrasonic Coverage Area (sq ft)	NONE
PIR Coverage Area (sq ft)	1600

Mechanical Specifications

Mount Type	Ceiling
PIR Coverage Pattern (degrees)	360
Maximum Mounting Height (ft)	8-11 ft

Dimensions

Product Height (in)	1 3/8
Product Height (mm)	35
Product Diameter (in)	4 9/16
Product Diameter (mm)	116

Material Specifications

Color	White
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Load Ratings

Tungsten Range(s)	800 W, 120 VAC
Resistive Load Ratings Ranges	800 W, 120 VAC
Motor Load Ratings Ranges	1/4 HP, 120 VAC

Electrical Specifications

Input Voltage Range(s)	120/277 VAC, 50/60 Hz
Occupancy Sensor Power Type	Line Voltage
Neutral Connection Required	Yes

Packaging

Shipping Weight (lbs)	0.5
Shipping Weight (kg)	0.227
Unit Carton Dimensions (H x W x L) in	2.12 x 5 x 4.88 in

Environmental Specifications

Temperature (operation)	32 - 131°F / 0 - 55°C
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Standards and Certifications

UL Certification	cULus
Other Certifications and Compatibilities	Title 20
California Proposition 65	None