Occupancy Sensor - Commercial Grade High Bay Ceiling Mount PIR Occupancy Sensor, White

Item IOS-HB-U

PRODUCT DESCRIPTION

The IOS-HB-U occupancy sensor is designed for automatic lighting control in high bay applications, such as warehouses, distribution centers, gymnasiums, and areas with direct access to the lighting fixtures, specifically for indoor locations. This product contains a passive infrared sensor (PIR) and is made up of two parts: a control module and a lens.

FEATURES

► Passive Infrared (PIR) sensing for presence detection
► Two lenses included
► Coverage: 1200 ft2 (Lens 1) or 2800 ft2 (Lens 2) when mounted at 15 to 50 ft
► Zero-crossing technology for long life and performance
► Adjustable ambient light sensor override
► Incandescent/Fluorescent/CFL/LED compatible

APPLICATIONS

► Indoor Sensing Control

TECHNICAL DATA

General	
Model Number	IOS-HB-U
Description	Commercial Grade High Bay Ceiling Mount PIR Occupancy Sensor, White
UPC Code	078275139923
Brand	Intermatic
Warranty Period	2-Year limited
Country of Origin (Intermatic)	CHINA

Control Specifications	
Sensor Switch Type	Occupancy
Sensor Technology	PIR (Passive Infrared); Zero-crossing
Adjustable Time Delay Min	15 sec
Adjustable Time Delay Max	30 min
Adjustable Light Level Min	10 fc
Adjustable Light Level Max	150 fc
PIR Coverage Area (sq ft)	1200 (Lens 1), 2800 (Lens 2)
Application Compatibilities	Incandescent; Fluorescent; CFL; LED

Mechanical Specifications	
PIR Coverage Pattern (degrees)	360
PIR Lens 2 Coverage Pattern (degrees)	360
Maximum Mounting Height (ft)	15-50 ft
Mount Type	Ceiling; Fixture

Dimensions	
Product Height (in)	2.75
Product Height (mm)	70
Product Diameter (in)	4

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Product Diameter (mm)	102

Material Specifications

Color	White

Load Ratings

Tungsten Range(s)	800 W, 120/125 VAC
Resistive Load Ratings Ranges	10 A, 120 VAC
Motor Load Ratings Ranges	1/4 HP, 120 VAC
Electronic Ballast Load Ratings Ranges	800 VA,120/125 VAC; 1600 VA, 277 VAC

Electrical Specifications

Input Voltage Range(s)	120/277 VAC, 60 Hz
Occupancy Sensor Power Type	Line Voltage
Watts	800
Hz	60
Amperage	20 A

Packaging

Shipping Weight (lbs)	0.6
Shipping Weight (kg)	0.272
Unit Carton Dimensions (H x W x L) in	3.5 x 4.25 x 5 in

Environmental Specifications

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

Standards and Certifications

UL Certification	cULus
Other Certifications and Compatibilities	Title 20; Green Energy
California Proposition 65	None
RoHS Certification	N/A