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; High Bay
Sensor Technology	PIR (Passive Infrared); Zero-crossing
PIR Coverage Area (sq ft)	1200 (Lens 1), 2800 (Lens 2)
Application Compatibilities	Incandescent; Fluorescent; CFL; LED
Adjustable Ambient Light Level Detection	10 fc to 150 fc
Adjustable Time Delay	15 sec to 30 min

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
Product Diameter (mm)	102

Material Specifications	
Color	White
Includes Wall Plate	Yes
Finish	Gloss

Load Ratings	
Electronic Ballast LED	800 VA, 120/125 VAC; 1600 VA, 277 VAC
Tungsten Incandescent (NO) Range(s)	800 W, 120/125 VAC

Electrical Specifications	
Input Voltage Range(s)	120/277 VAC, 60 Hz
Occupancy Sensor Power Type	Line Voltage
Neutral Connection Required	Yes
Watts	800

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

Technical specifications and other information are subject to change without notice. Images can vary from original.