

OMNI[®]-BP Line Voltage Passive Infrared Ceiling Sensor

CEILING MOUNT OCCUPANCY SENSORS

TITLE
24
COMPLIANCE



PROJECT INFORMATION

Project Name _____

Catalog No. _____

Date _____



OMNIIRBP1277

The *OMNIIRBP* line voltage ceiling sensor uses passive infrared (PIR) technology to turn lighting on and off based on occupancy. Designed specifically for areas with long-range major-motion activity, this sensor features Hubbell Controls' patented IntelliDAPT[®] technology, which makes all the sensor adjustments automatically.

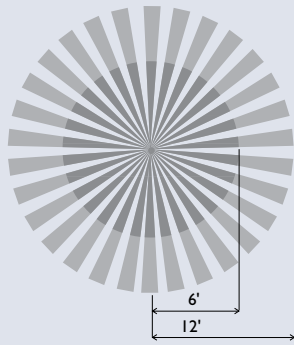
Throughout the product's lifespan, smart software analyzes the controlled area and makes digital adjustments to sensitivity and timer settings. Occupancy sensors with *IntelliDAPT* technology provide a maintenance-free install-and-forget operation.

PRODUCT FEATURES

- *IntelliDAPT* self-adaptive technology—no manual adjustment required
- All-digital passive infrared [PIR] sensor
- Non-volatile memory for sensor settings
- 450–1,500 square-foot coverage area (depending on model)
- Self-contained power supply
- Universal voltage (120–277VAC; 50/60 Hz)
- UL and cUL listed
- California Title 24 compliant
- Five-year warranty
- 120–277 Vac

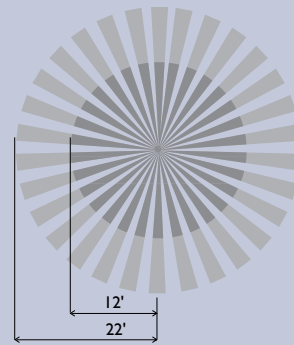


HUBBELL
Control Solutions



Minor Motion
 Major Motion

OMNI IR Range



Minor Motion
 Major Motion

OMNI IRL Range

General Specifications

IntelliDAPT® Technology	Auto reset from test setting Self-adjusting timer Self-adjusting passive infrared thresholds Automatic false-on/false-off corrections
LED lamp	Red—infrared motion
Timer timeout	Automatic mode: 8–30 min. (self-adjusts based on occupancy) Test mode: 8 seconds (for an easy check at installation)
Passive infrared (PIR)	Dual-element pyrometer and 12-element cylindrical rugged lens
Coverage	450–1,500 square feet (depending on model)
Power requirements	120-277VAC; 50/60Hz Single phase only
Output	24 VDC active high-logic control signal with short circuit protection
Relay Contact Rating	20A: 120VAC Incandescent 20A: 120 or 277VAC Magnetic Ballast 16A: 120 or 277VAC Electronic Ballast 1HP: 120VAC Motor Load 3/4HP: 277VAC Motor Load
Operating environment	Indoor use only Operating temperature: 32° to 104°F (0° to 40°C) Relative humidity (non-condensing): 0% to 95%
Construction	Casing—rugged, high-impact, injection-molded plastic KJB ABS Cyclac (UL-945VA) flame class rating, UV inhibitors Color-coded leads are 6" long
Size and weight	Size: 4.5" diameter, 3.4" height (114 mm diameter, 86.4mm height) Weight: 8.2 oz (232g)
Color	Off-white
Mounting	Mounting base provided Recommended MAX mounting height: 12ft.
Certifications	UL and cUL listed
Warranty	Five years

Ordering Information

MODEL	
OMNIIRBP1277	Line Voltage Passive Infrared Ceiling Sensor 450 Sq Ft coverage
OMNIIRLBP1277	Line Voltage Passive Infrared Ceiling Sensor 1500 Sq Ft coverage