

# 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.

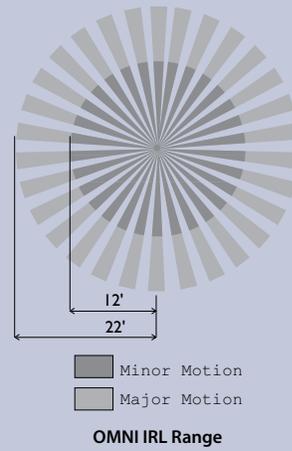
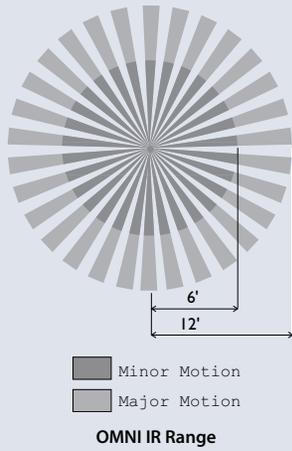
Throughout the product's lifespan, smart software analyzes the controlled area and makes digital adjustments to sensitivity and timer settings. Occupancy sensors with *IntelliDAPT* technology provide a maintenance-free install-and-forget operation.

## 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



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## 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	
<b>OMNIIRBP1277</b>	Line Voltage Passive Infrared Ceiling Sensor 450 Sq Ft coverage
<b>OMNIIRLBP1277</b>	Line Voltage Passive Infrared Ceiling Sensor 1500 Sq Ft coverage



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