TITLE 24 COMPLIANCE

UL® LISTED

OCCUPANCY SENSING

IntelliDAPT

PROJECT INFORMATION

Project Name

Catalog No.   Date

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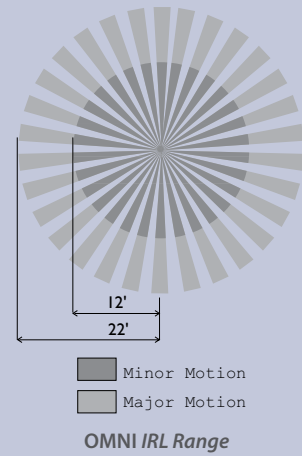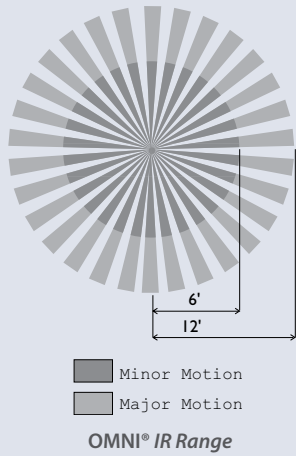
Throughout the product's lifespan, *IntelliDAPT* software analyzes the controlled area and makes digital adjustments to sensitivity and timer settings.
Occupancy sensors with *IntelliDAPT* technology provide a maintenance-free install-and-forget operation.

OMNIIR

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)
- Optional relay and photocell control
- Optional Quick to Install (QTI) connector
- UL and cUL listed
- California Title 24 compliant
- Five-year limited warranty
- Low voltage device: 24 Vdc

PIR Sensor

1.5"

4.5"

HUBBELL Control Solutions

OMNI® *IR Range*

Minor Motion
Major Motion

OMNI *IRL Range*

Minor Motion
Major Motion

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
RP option	Relay and photocell included
	Relay: N/O + N/C contacts; SPDT; 500 mA rated @ 24VDC; three-wire isolated relay
	Photocell: adjustable natural-light override ranges from 0 to
	100 foot-candles (0–1,000 lux)
Coverage	450 - 1,500 square feet
Power requirements	24VDC, 33mA (uses UVPP and MP- Series power pack- not included)
Output	24 VDC active high-logic control signal with short circuit protection and optional dry contact
	(see RP options)
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
	Cycolac (UL-945VA) flame class rating, UV inhibitors
	Color-coded leads are 6" long
Dimensions	4.5" diameter, 1.5" height (114 mm diameter, 38mm height)
Weight	5.0 oz (142g)
Color	Off-white
Mounting	Mounting base provided
	Recommended mounting height: 8ft with a max mounting height of 12ft.
Certifications	UL and cUL listed
Warranty	Five years

Ordering Information

OMNI	IR			
MODEL	**TECHNOLOGY**	**COVERAGE**	**RELAY / PHOTOCELL OPTION**	**QTI**
OMNI	**IR** Passive Infrared	**L** Long Range IR, 1,500 sq. ft.	**RP** Relay & Photocell	**QTI** Quick to Install
		Blank 450 sq. ft.	**Blank** No Option	**Blank** No QTI

HUBBELL
Control Solutions

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for *manufacturer:*

Other Similar products are found below :

PLED75W-012 BSP3-347-LC BSP3-480-LC PLED150W-071-C2100-D 120/268-277-500VA-IC PLED150W-142-C1050-D PLED96W-039-C2450-D-HV LED12W-24 LED30W-24 LED12W-16-C0700 LED25W-56-C0450 ESP-AUTO-T PLED120W-057-C2100-D ESP-AUTO BSP3-347 TRC-025S140DS LED30W-42-C0700 PLED200W-190-C1050-D LED12W-12-C1000 RS-50-150-CCH PLED96W-024-C4000-D-HV LED20W-57-C0350-D PLED96W-024-C4000-D LED20W-36-C0550 LED25W-12 PLED96W-137-C0700-D LED20W-24 LED25W-40-C0620-D LED40W-089-C0450-D LED20W-13-C1540-D LED40W-024 LED50W-040-C1250-D BSP3-277-LC LED40W-012 PLED75W-108-C0700-D LED20W-48-C0350-D LED50W-024-C2100-D LED50W-036-C1400-D LED50W-072-C0700-D BSP3-120-LC BSP3-120 LED25W-18-C1400-D LED25W-72-C0350-LE BSP3-480 LED20W-36-C0550-D LED25W-24 LED12W-24-C0500 120/277-275VA-IC LED20W-28-C0700-D LED12W-12