

DATE: LOCATION:

TYPE: PROJECT:

# OMNI° LINE VOLTAGE ACOUSTIC AND PIR CEILING SENSOR

CATALOG #:

CEILING MOUNT OCCUPANCY SENSORS

## **FEATURES**

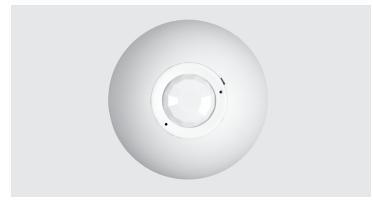
- IntelliDAPT® self-adaptive technology—no manual adjustment required
- All-digital dual technology acoustic and passive infrared (PIR) sensor
- · Non-volatile memory for sensor settings
- 450 square-foot coverage
- Self-contained power supply
- Universal voltage (100-277VAC; 50/60 Hz)
- UL and cUL listed
- · California Title 24 compliant
- 5 year warranty











**RELATED PRODUCTS** 

8 Occupancy Sensor Accessories

## **SPECIFICATIONS**

#### CONSTRUCTION

- Ø4.5", 3.4" H (Ø114mm, 86.4mm H)
- 8.2 oz (232g)
- · Off-white
- Casing—rugged, high-impact, injection-molded plastic KJB ABS
- Cycolac (UL-945VA) flame class rating, UV inhibitors
- Color-coded leads are 6" long (152.4mm)
- Dual-element pyrometer and 12-element cylindrical rugged lens
- Red LED lamp infrared motion
- Green LED lamp acoustic detection

#### ΙΝSΤΔΙ Ι ΔΤΙΩΝ

- · Mounting base provided
- Recommended MAX mounting height: 12ft. (3.66m)

#### **ELECTRICAL**

- 100-277VAC; 50/60Hz
- 20A: 120 VAC Incandescent

#### **ELECTRICAL (CONTINUED)**

- · 20A: 120 or 277VAC Magnetic Ballast
- 16A: 120 or 277VAC Electronic Ballast
- 1HP: 120VAC Motor Load
- 1HP: 277VAC Motor Load

#### OPERATION

- IntelliDAPT
  - Auto reset from test setting
  - Self-adjusting timer
  - Self-adjusting passive infrared thresholds
  - Automatic false-ON/false-OFF corrections
- Coverage
  - Coverage: 450 square feet (137.16 square meters)
- · Timer Settings
  - Automatic mode: 8-30 min. (self-adjusts based on occupancy)
  - Test mode: 8 seconds (for an easy check at installation)

## **OPERATING ENVIRONMENT**

- · Indoor use only
- Operating temperature: 32° to 104°F (0° to 40°C
- Relative humidity (non-condensing): 0% to 95%

#### CERTIFICATIONS

- · UL and cUL listed
- · California Title 24 compliant

#### WARRANTY

- 5 year warranty
- See <u>HLI Standard Warranty</u> for additional information

### **ORDERING GUIDE**

	<b>Example:</b> OMNIDIABP1277
CATALOG #	
OMNIDIABP1277	
MODEL	

Line Voltage Dual Technology Acoustic and Passive Infrared Ceiling Sensor, 450 sq ft coverage

\*When used with program start ballast, a 1-2 second delay from occupancy detection to lamp turn-on may be experienced  $\,$ 



OMNIDIARP1277



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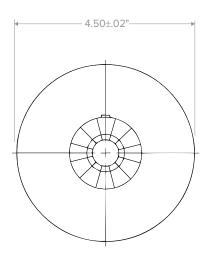
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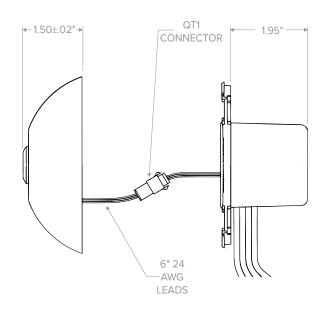
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CEILING MOUNT OCCUPANCY SENSORS

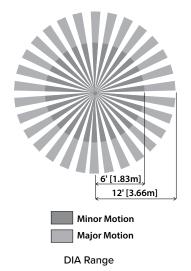
## **DIMENSIONS**





## **ADDITIONAL INFORMATION**

Coverage Pattern



#### Wiring Diagram

