Lighting Controls

DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

OMNI® LINE VOLTAGE ULTRASONIC CEILING SENSOR

CEILING MOUNT OCCUPANCY SENSORS

FEATURES

- IntelliDAPT $\!\!\!^{\circ}$ self-adaptive technology no manual adjustment required
- Superior all-digital ultrasonic (US) minor motion detection
- · Non-volatile memory for sensor settings
- 500-2,000 square-foot coverage area (depending on model)
- · Self-contained power supply
- Universal voltage (100-277VAC; 50/60 Hz)
- · UL and cUL listed
- · Five-year warranty











SPECIFICATIONS

CONSTRUCTION

- Casing- rugged, high-impact, injectionmolded plastic KJB ABS
- Cycolac (UL-945VA) flame class rating, UV inhibitors
- Color-coded leads are 6" long (152.4 mm)
- 8.2 oz.
- Off-white
- Green ultrasonic motion

MOUNTING

- Mounting using a 3 inch (76.2mm) mud ring attached to 4 inch (101.6mm) square electrical box
- Recommended MAX mounting height: 12ft. (3.66m)

ELECTRICAL

- OMNIUS500: 40kHz output OMNIUS2000: 32kHz output
- 100-277VAC; 50/60Hz

ELECTRICAL (CONTINUED)

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

OPERATIONS

- IntelliDAPT
 - · Auto reset from test setting
 - · Self-adjusting timer
 - Self-adjusting ultrasonic thresholds
 - Automatic false-ON/false-OFF corrections
- · Coverage
 - 500–2,000 square feet (depending on model)

OPERATIONS (CONTINUED)

- 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

WARRANTY

· 5 year warranty

ORDERING GUIDE

	Ex	cample: OMNIUS500BP1277
CATALOG #		

Series

OMNIUS500BP1277 OMNIUS2000BP1277 Line Voltage Ultrasonic Ceiling Sensor 500 sq. ft. coverage Line Voltage Ultrasonic Ceiling Sensor 2000 sq. ft. coverage



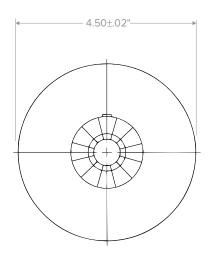
Lighting Controls

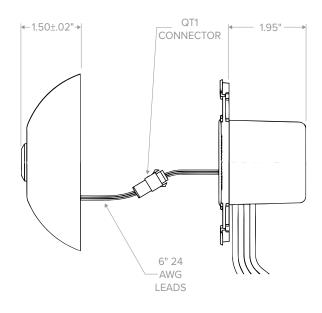
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DIMENSIONS

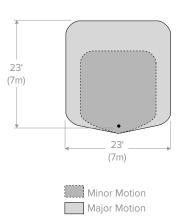




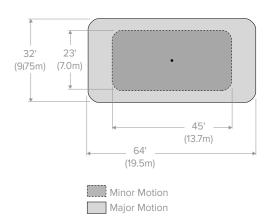
ADDITIONAL INFORMATION

Coverage Patterns

US 500 Range



US 2000 Range



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ADDITIONAL INFORMATION (CONTINUED)

Wiring Diagram

