# Zone5™ Ceiling and Wall Mount Occupancy Sensors

## **DAYLIGHT HARVESTING CONTROLS**









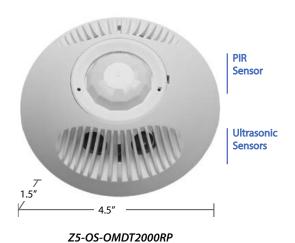


## **PROJECT INFORMATION**

Project Name

Catalog No. Date





The *Zone5* Ceiling Mount and Wall Mount Occupancy Sensors combine ultrasonic (US) and passive infrared (PIR) technologies to turn lighting on and off based on occupancy. This dual technology provides accurate turn-ons while virtually eliminating false-offs.

These sensors feature 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.

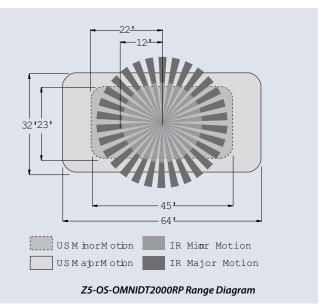
## **PRODUCT FEATURES**

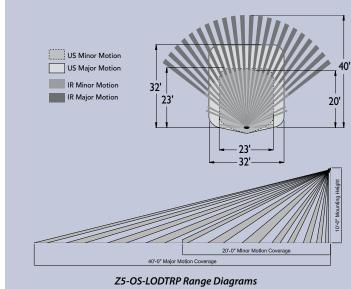
- Occupancy Sensors for Zone5 Daylight Harvesting System
- IntelliDAPT self-adaptive technology no manual adjustment required
- All-digital dual technology (ultrasonic [US] and passive infrared [PIR]) sensors
- · Non-volatile memory for sensor settings
- 1,600 and 2,000 square-foot coverage area
- Form C relay with N/O + N/C outputs
- Color coded, plug and play installation
- UL and cUL listed
- Five-year limited warranty
- Low voltage device: 24 Vdc











## **General Specifications**

IntelliDAPT® Technology Auto reset from test setting

Self-adjusting timer

Self-adjusting ultrasonic and passive infrared thresholds

Automatic false-on/ false-off corrections

LED lamp Red - infrared motion

Green - ultrasonic motion

Timer timeout Automatic mode: 8 - 30 min. (self adjusts based on occupancy)

Test mode: 8 seconds (for an easy check at installation)

Ultrasonic (US) output Operating frequency: 32 kHz

Passive infrared (PIR) Dual-element pyrometer and 12-element cylindrical rugged lens

Form C relay Relay: N/O + N/C contacts; SPDT; 500 mA rated @ 24VDC; three-wire isolated relay

Ceiling mount sensor: 2,000 square feet Coverage Wall mount sensor: 1,600 square feet

**Power Requirements** 24VDC, 33mA Power and 24VDC active high-logic output control signal provided through plenum rated

CAT5 plug-and-play cable (ordered separately)

Operating environment Indoor use only

Operating temperature: 32° to 104°F (0° to 40°C) Relative humidity (non-condensing): 0% to 5%

Construction Casing – rugged, high-impact, injection-molded plastic KJB ABS Cycolac (UV-945VA) flame class rating,

**UV** inhibitors

OMDT2000RP Dimensions 4.5" diameter, 1.5" height (114 mm diameter, 38mm height)

Weight 5.0 oz (142g) **LODTPRP** Dimensions 6.58" x 3.63" x 3.72" 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-year limited

## **Ordering Information**

MODEL

Z5-OS-OMDT2000RP Zone5 Occupancy Sensor, Ceiling Mount, PIR and Ultrasonic, Form C Relay,

2000 Sq. Ft.

Zone5 Occupancy Sensor, Wall Mount, PIR and Ultrasonic, Form C Relay, 1600 Sq. Ft. **Z5-OS-LODTRP** 

CAT5 Cable Sold Separately

