H-MOSS® Controls
Adaptive Dual (Ultrasonic and Passive Infrared) Ceiling Sensors

Features
- Coverage 2000 sq. ft. (360°), low voltage sensor
- Minimize the risk of false triggering; lights turning ON when the space is un-occupied. Offer the best performance for most applications
- Office White ABS enclosure blends with ceiling tile
- Red LED indicates passive infrared detection and Green LED indicates ultrasonic detection
- “Install and Forget” operation. Auto-adjusting adaptive technology eliminates manual adjustments

Ordering Information

<table>
<thead>
<tr>
<th>Description</th>
<th>Device Color</th>
<th>UPC Number</th>
<th>Catalog Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Low voltage sensor</td>
<td>Office White</td>
<td>783585392431</td>
<td>ATD2000C</td>
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</tbody>
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Listings
- cULus listed to UL244A
- ASHRAE 90.1 compliant
- CEC Title 24 compliant

Specifications

<table>
<thead>
<tr>
<th>Housing</th>
<th>Flame retardant UL 94 V-0 ABS</th>
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<tbody>
<tr>
<td>Lens</td>
<td>Polyethylene</td>
</tr>
<tr>
<td>Dimensions</td>
<td>1.5”H x 4.5”D</td>
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<tr>
<td>Mounting Height</td>
<td>8 to 12 feet</td>
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Performance

Controls
- Ambient Light: 1 to 1000 foot candles
- Sensitivity: Adaptive 0 to 100%
- Time Delay: Test (8 seconds), adaptive 8 to 40 minutes

Electrical
- Power Requirements: 24V DC nominal, 33mA from Hubbell CU series control unit

Environmental
- Operating Temperature: 32°F to 104°F (0°C to 40°C) with rate of change not exceeding 20°F (11°C) per hour
- Storage Temperature: -20°F to 150°F (-29°C to 65°C); 0% to 95% non-condensing relative humidity

Sensing Indicators
- Passive Infrared: Red LED
- Ultrasonic: Green LED

Complementary Products
- Control Unit Auto-ON: CU300A
- Control Unit Manual-ON: CU300M
- Control Unit, HD, Latching, Auto/Manual-ON: CU300HD
- Ceiling mount wire guard: ACMG
- Ceiling mount raceway adapter: ACMRA

Online Resources
- Customer Use Drawing
- eCatalog
- Installation Instructions