

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

# HUBBELL

## Features

- Coverage 2000 sq. ft. (360°), line voltage sensor
- Minimize the risk of false triggering; lights turning ON when the space is un-occupied. Offer the best performance for most applications
- Self-contained power supply with high load relay
- Directly mounts to 4" octagon boxes, 2.125" deep
- 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

Description	Device Color	UPC Number	Catalog Number
Line voltage sensor	Office White	783585256900	ATD2000CL

## Listings

cULus listed to UL244A  
ASHRAE 90.1 compliant  
CEC Title 24 compliant

## Specifications

Housing	Flame retardant UL 94 V-0 ABS
Lens	Polyethylene
Dimensions	4.5"D x 3.4"H
Mounting Height	8 to 12 feet

## Performance

### Controls

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

### Electrical

Load Rating	20A: 120 VAC Incandescent, 20A: 120 or 277 VAC Magnetic Ballast, 16A: 120 or 277 VAC Electronic Ballast, 1HP: 120 VAC Motor Load, 3/4HP: 277 VAC Motor Load
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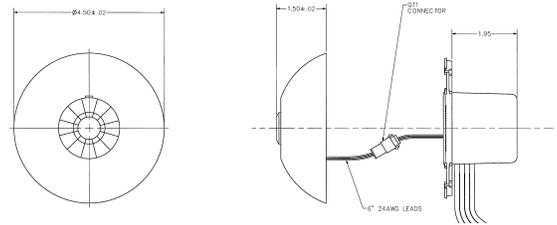
Power Supply 120-277V AC, 50/60Hz Single Phase

### 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

Ceiling mount wire guard	ACMG
Ceiling mount raceway adapter	ACMRA

## Online Resources

Customer Use Drawing  
eCatalog  
Installation Instructions

Dimensions in Inches (mm)

Hubbell Wiring Device-Kellems • Hubbell Incorporated (Delaware) • 40 Waterview Drive • Shelton, CT 06484

Phone (800) 288-6000 • Fax (800) 255-1031 • Specifications subject to change without notice.

