

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

HUBBELL

Features

- Coverage 1000 sq. ft. (180°), 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	783585256894	ATD1000CL

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

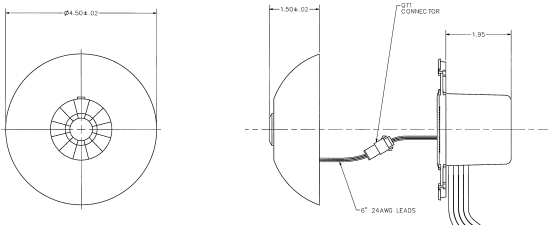
Controls	
Ambient Light	1 to 1000 foot candles
Sensitivity	Adaptive 0 to 100%
Time Delay	Test (8 seconds), adaptive 8 to 40 minutes

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

Power Supply	120-277V AC, 50/60Hz Single Phase
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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

