

H-MOSS® Controls
Adaptive Technology Ultrasonic
Ceiling Sensors

Features

- Coverage 500 sq. ft. (180°) with photocell and isolated relay, low voltage sensor
- Excellent minor motion detection
- Digital, crystal controlled ultrasonic transmitter and receiver for coverage in each direction for superior sensing of movement
- Office White ABS enclosure blends with ceiling tile
- Relay to interface with auxiliary systems such as HVAC
- 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
Low voltage sensor with photocell and isolated relay	Office White	783585392486	ATU500CRP

Listings

cULus listed to UL244A
ASHRAE 90.1 compliant
CEC Title 24 compliant

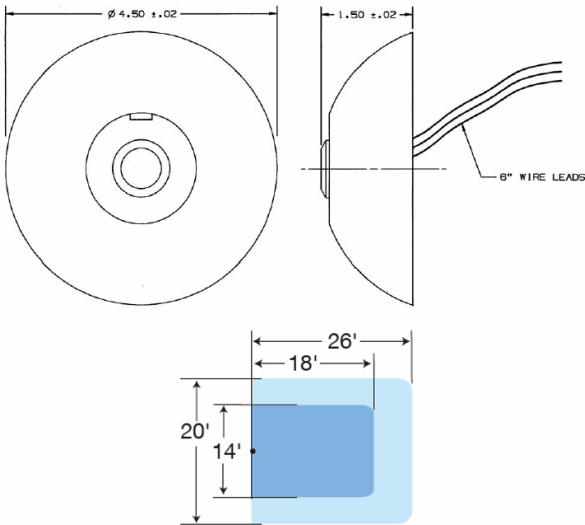
Specifications

Housing	Flame retardant UL 94 V-0 ABS
Lens	Polyethylene
Dimensions	1.5"H x 4.5"D
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	
Isolated Relay	Normally open and normally closed terminals available
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	
Ultrasonic	Green LED

HUBBELL



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

