

<b>Project:</b>	<b>Type:</b>
<b>Prepared By:</b>	<b>Date:</b>

**Technical Specifications**

**Product Details**

**Application:**

Standard (8-12 ft mounting height)

**Mounting Type:**

Ceiling/Surface Mount

**Compliance**

**IP Rating:**

Ingress protection rating of IP66 for dust and water

**Electrical**

**Dimming Driver:**

Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Can dim as low as 1%. Actual dimming range is defined by driver.

**Installation:**

All Lightcloud components should be installed by a licensed electrician in accordance with local codes.

**Input Voltage:**

120V through 277V

**Frequencies:**

50/60 Hz

**Electrical Ratings:**

20 mA @ 120VAC  
12 mA @ 277VAC

**Load Switching Capacity:**

Incandescent: 220VAC, 13A  
Standard Ballast: 120/277 VAC, 6A/4A  
Electronic Ballast: 277VAC, 12A

**Storage Temperature Range:**

-40°C to 85°C (-40°F to 185°F)

**Sensor Settings**

**Detection Range:**

30 ft diameter at 9 ft mounting height

**Construction**

**Operating Temperature Range:**

-20°C - 40°C (-4°F - 104°F)

**Maximum Relative Humidity:**

95%

**Wire Gauge:**

4x 16AWG High-voltage pigtails, stripped  
2x 22AWG Low-voltage pigtails, stripped

**Wireless Range**

**Line of Sight:**

1,000 feet

**Obstructions:**

100 feet

**Other**

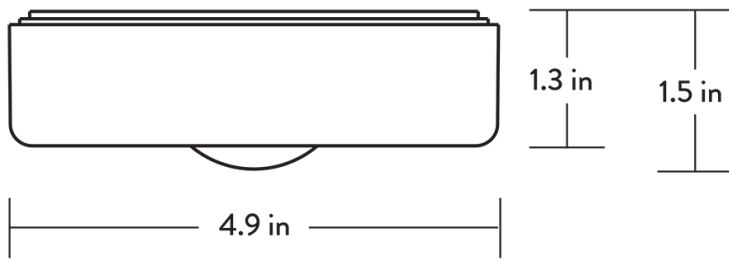
**Warranty:**

10-year full hardware warranty with 100% repair/replacement coverage for all properly installed devices. [See Lightcloud Warranty Terms.](#)

**Buy American Act Compliance:**

RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

**Dimensions**



**Features**

- Dual-technology passive infrared motion detector with built-in fixture and zone control
- Occupancy and vacancy sensing with adjustable sensitivity and timeouts
- Switching for a fixture or entire zone, hard-wired or remote
- Supports 0-10V dimming for LED and fluorescent fixtures
- Easily set up schedules and scenes
- Power measurement and energy reporting
- Remote control from Lightcloud web application
- Communicates over secure wireless mesh network - no internet required
- Closed loop daylight harvesting