LCSENSE15/D10

RAB LIGHTING

Project:	Type:
Prepared By:	**Date:**

The Lightcloud Ceiling Sensor is a passive infrared occupancy/vacancy motion detector that can switch and dim both local and remote circuits. It also monitors power usage and sends an alert if power is lost.

Color: White   Weight: 0.4 lbs

Technical Specifications

Listings

UL Listing:

Indoor use only.

DLC Listed:

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities.

Electrical

Input Voltage:

120-277 VAC

Frequencies:

50/60 Hz

Current Draw:

20 mA @ 120VAC
12 mA @ 277VAC

Load Switching Capacity:

Incandescent: 250VAC, 12A
Standard Ballast: 120/277 VAC, 6A/4A
Electronic Ballast: 277VAC, 11A

Dimming Driver:

Driver includes dimming control for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims as low as 10%.

Construction

Operating Temperature Range:

-20°C to 40°C

Storage Temperature Range:

-40°C to 85°C

Maximum Relative Humidity:

95%

Wire Gauge:

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

Wireless Range

Line of Sight:
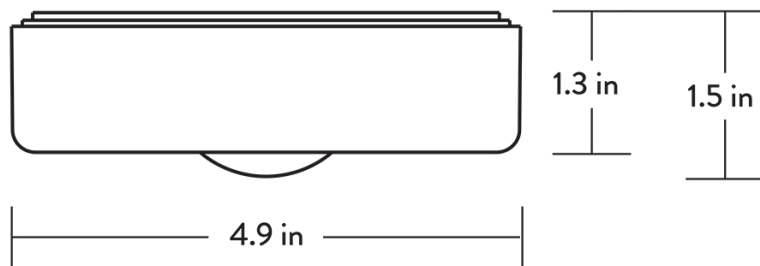
1,000 feet

Obstructions:

100 feet

Other

Warranty:

10-year full hardware warranty with 100% repair/replacement coverage for all properly installed devices.

Dimensions

1.3 in   1.5 in

4.9 in

Features

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

Optional 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