CS107D Series

Line Voltage Dual-Tech Ceiling Sensor

CS107D.B1

Description

The CS107D.B1 is a line-voltage , Bluetooth dual-tech occupancy sensor that combines PIR and ultrasonic technologies to provide high accuracy and wide coverage. It also features integrated daylight harvesting. Commissioning via the Keilton+autani app allows the sensor to turn a load on and hold it on if either or both technologies detect movement. The CS107D works seamlessly together with other wireless devices in the Keilton+autani system.

Features

- 120-277VAC input
- 600 sq ft room coverage
- Daylight Harvesting
- Dual-tech PIR + Ultrasonic technology provides high accuracy and wide coverage
- Wireless Bluetooth connection to other Keilton+autani devices
- Dual-channel dimming for color tuning (CCT)

Specifications

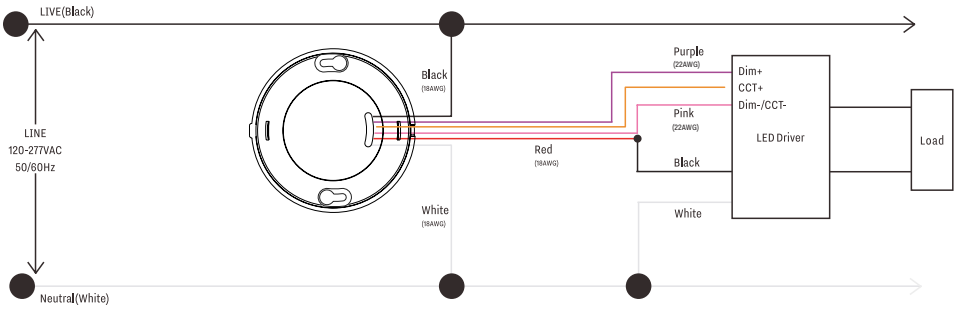
Input Voltage	AC120-277V
Frequency	50/60Hz
Output Current	6A Max at 120VAC 6A Max at 277VAC
Sinking Current	48.5mA
Bluetooth Transmit	100ft Max
Radio Frequency	2.4GHz ± 75MHz
Bluetooth Version	5.0
Housing Material	UL 94-5VA
Indoor/Outdoor Use	Indoor Use Only
Operating Temperature	0°C to 55°C, 32°F to 131°F
Storage Temperature	-30°C to 85°C, -22°F to 185°F
IP Rating	IP20
Color	White
Warranty	5 year warranty
Compliance	UL8750, RoHS
Safety	cULus Listed E504054 FCC ID: 2A26YCS107D DID: D061367 DLC: NLTRC5KL0TN

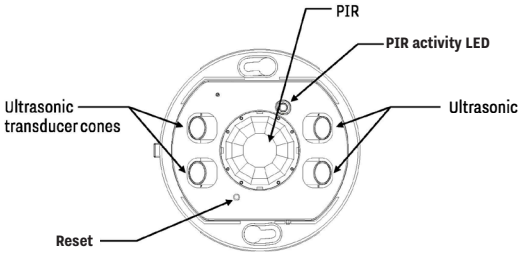
Ordering Information

Model	Description
CS107D.B1	Line Voltage Dual-Tech Ceiling Sensor (Dual-channel-CCT) with Daylight Harvesting

Wiring

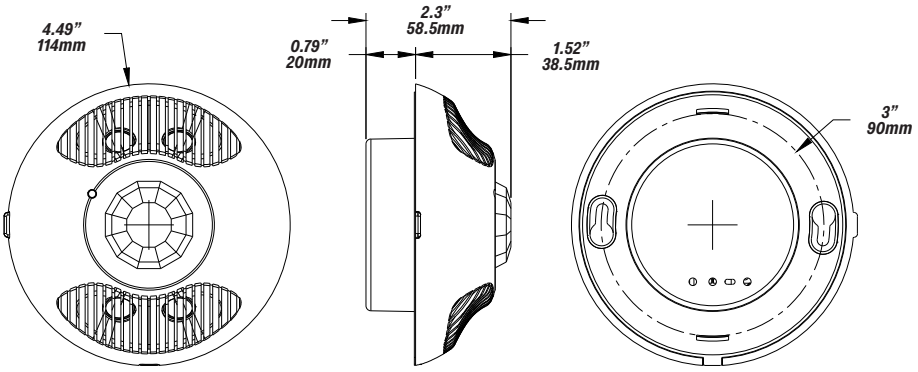
CS107D.B1





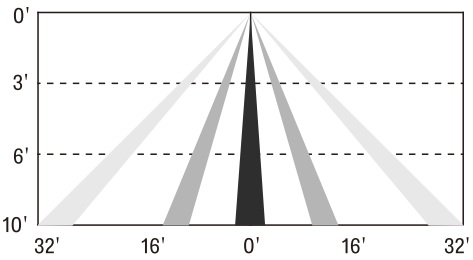
Dimensions

CS107D.B1

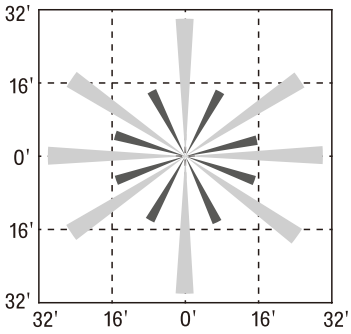


Coverage Pattern

PIR Coverage Side View

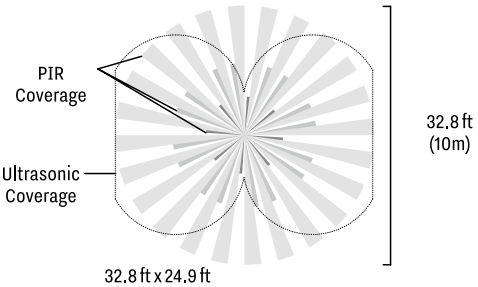


PIR Coverage Top View



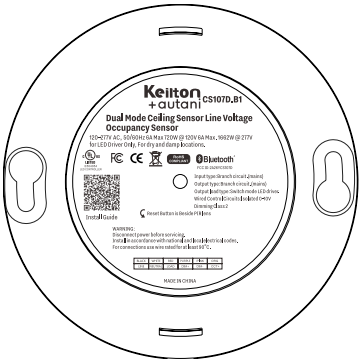
Height 10'

PIR+Ultrasonic Coverage Top View



32.8 ft x 24.9 ft
(10m x 7.6m)

Product Label



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