Keilton +autani

CS107D Series
Line Voltage Dual-Tech Ceiling Sensor

CS107D.A0

Description

The CS107D is a line-voltage dual-tech occupancy sensor that combines PIR and ultrasonic technologies to provide high accuracy and wide coverage. The integrated photocell provides an adjustable ambient light "Hold-OFF" feature. If ambient light exceeds a programmed threshold, the sensor will keep lights off, even when occupancy is detected. 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

- PIR and Ultrasonic technologies
- Integrated Bluetooth
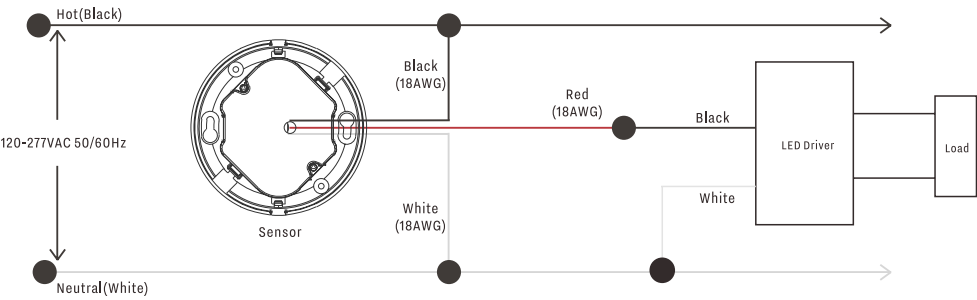- Ambient light "Hold-OFF" feature

Specifications

Input Voltage	AC120-277V
Frequency	50/60Hz
Resistive	800W Max @ 120VAC
Tungsten	800W Max @ 120VAC
Electronic Ballast	800VA Max @ 120VAC 1600VA Max @ 277VAC
Motor	1/4 HP @ 120VAC
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	UL773A, UL8750, RoHS
Safety	cULus Listed E504054 FCC ID: 2A26YCS107D DID: D061367 DLC: NLTRC5KL0TN

Ordering Information

Model	Description
CS107D.A0	Line Voltage Dual-Tech Ceiling Sensor

Wiring

CS107D

Hot(Black)

120-277VAC 50/60Hz

Neutral(White)

Sensor

Black (18AWG)

White (18AWG)

Red (18AWG)

Black

White

LED Driver

Load

Dimensions

Unit:inch/mm

CS107D

4.5"
115mm

1.4"
35.3mm

Detection Area

Coverage Side View

PIR Coverage Side View

Coverage Top View

Height 9'

PIR Coverage

Ultrasonic Coverage

44 ft
(13.4m)

30 ft x 30 ft
(9.14m x 9.14m)

Figure 1
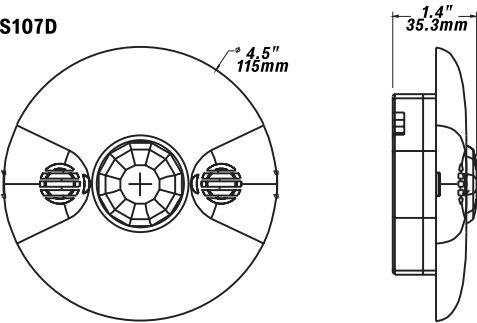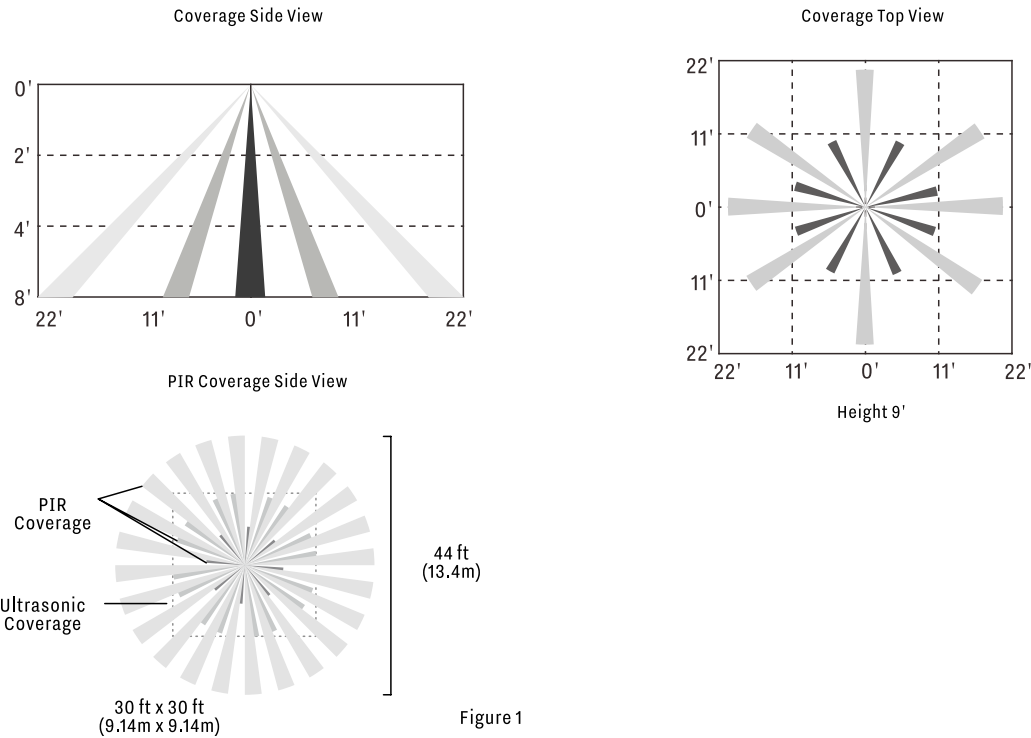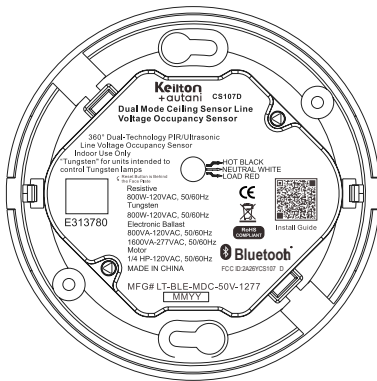
Product Label

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App Download

Due to our continued efforts to improve our products, specifications are subject to change without notice.

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