

# Ceiling Mount Battery Powered OCC/LUX Sensor

NASSR-PDS-BAT-CAS

## Product Description

NASSR-PDS-BAT-CAS is a battery-powered PIR occupancy and daylight sensor that supports flexible lighting control strategies, delivers up to five years of battery life, and simplifies commissioning with a built-in magnetic trigger.

## Technical Data

**Battery Life:** Up to 5 years • longer runtime possible with latency optimization

**Battery Type:** CR123A

**Color Available:** White

**Coverage Pattern:** 360° tangential

**Detection Angulation:** 110° (axial) • 360° (tangential)

**Input Voltage Range:** 2.5...3.3 Vdc

**Pir Sensing Range:** Up to 16.40 ft (5 m) radius

**Power Source:** Battery

**Sensing Technology:** PIR (Passive Infrared) • Photocell / Daylight Sensor

**Standby Current:** 10 uA

## Radio Tranceiver

**BLE Frequency:** 2.4 GHz

**Casambi Tested BLE Range:** Up to 50 m



## Mechanical Data

**Ambient Temperature:** 0...+40°C

**Dimension:** Diameter: 3.56 in (90.5 mm) • Height: 1.05 in (26.7 mm)

**Environmental Rating:** Indoor only

**Humidity:** 0...+95%

**Install Notes:** 1. Attach the base to the ceiling using matching screws. 2. Install the battery, align the sensor with the base, and turn the sensor clockwise to bind to the base. 3. Installation complete, refer to setup options for sensitivity and latency adjustment.

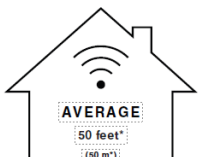
**Mounting Type:** Ceiling surface mounting

**Weight:** 46 g (battery not included)

**Product Warranty:** 5 years

## Range

Average 50ft distance



\*The wireless range of a Casambi unit is dependent on several factors; how it has been integrated into a luminaire, where it has been installed; taking into consideration surrounding obstacles such as walls and other building materials that may block signals. [Learn More](#)

## Certifications

RoHS

### Warning!

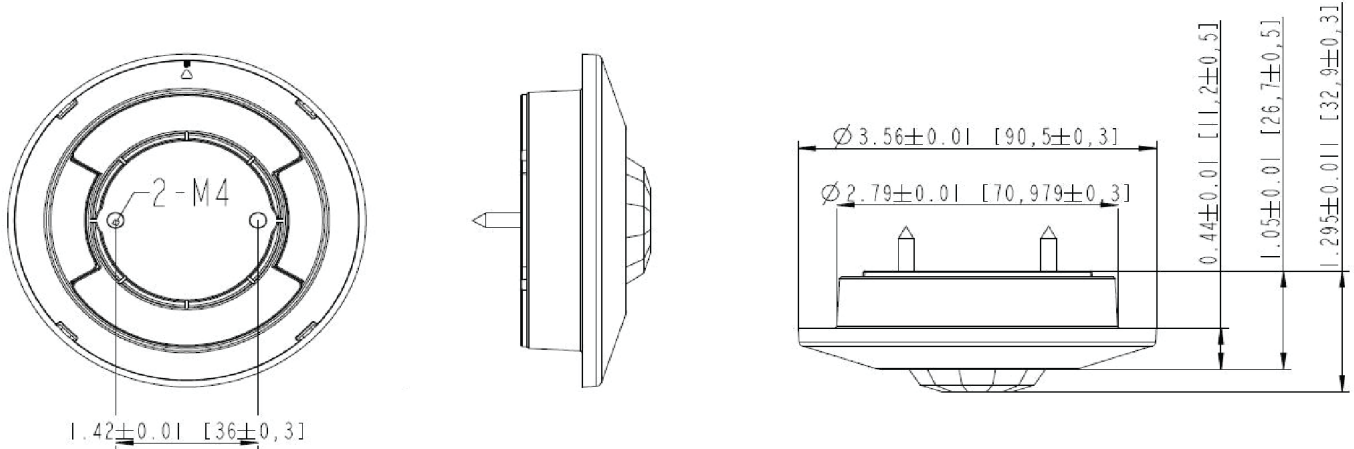


Hazardous voltages. Risk of electric shock or fire. Only qualified professionals should make the connections. Disconnect the mains power supply and verify its absence prior to installation.

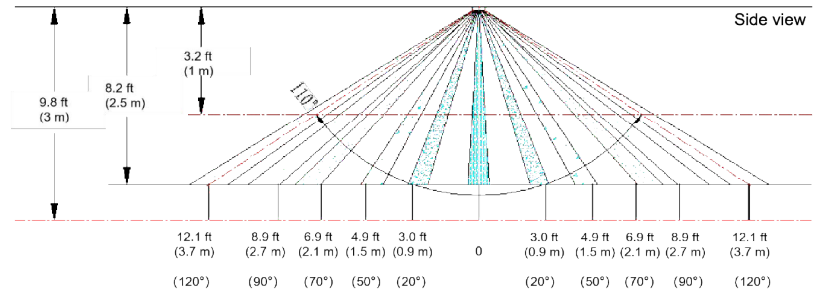
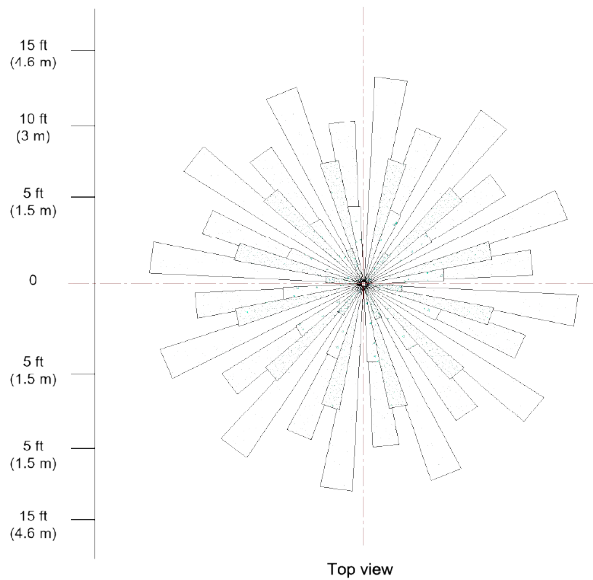
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### Physical Dimensions



### Sensing Range



Scan the QR code to access the available spec sheets, wiring diagrams, and additional resources for this product.

