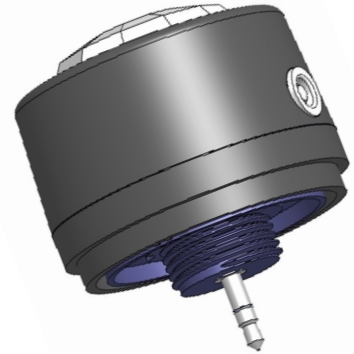


TruBlu Mesh Passive Infrared Sensor-Controller w/ Audio Jack

Overview

- Bluetooth® NLC Certified
- 1-Channel 0-10VDC Dimming
- Mounts On Fixture
- PIR Sensor Mounting Height Up To 40 ft (12.2 m)
- Photocell
- High-End Trim, Zoning, Continuous Dimming
- 3.5mm Audio Jack Base
- Quick Connector For Easy Installation
- Powered by 12-24VDC



Applications

The PSC-JAV-I-11H products are a series of 1-Channel Wireless Fixture Controllers and use PIR motion detection architecture and passive infrared (PIR) technology for improved detection coverage.

The controllers are suitable for a variety of outdoor and indoor applications in temperatures ranging from -20° to 45°C. The models also have an integral photosensor.

These devices are Bluetooth® NLC certified and controlled wirelessly via Bluetooth Mesh technology allowing for wireless dimming of luminaires. The compact size allows for seamless integration to the fixture.

Operation

TruBlu™ Mesh Controls: The PSC-JAV-I-11H sensor-controller is a Bluetooth NLC certified device by the Bluetooth SIG and offers true multi-vendor interoperability. Configuration of the device and mesh network is accomplished via the TruBlu web portal or iOS mobile app. The app is used for initial setup and subsequent parameter adjustment.

Advanced functionality such as energy monitoring, and demand response is available with the TruBlu Gateway (ordered separately). See TruBlu™ Commissioning User Manual for more information.

1-Channel: Outputs 0-10 dimming channel for driver control.

Photosensor: An integral photosensor provides ambient light level sensing for automatic control of daytime or nighttime designated scenarios.

Audio Jack: The controller mounts to a Audio Jack receptacle.

Summary

Product Type:
1-Channel PIR Sensor and Controller

Input Voltage | Current Consumption:
12-24 VDC | 20 mA max

0-10VDC Output

Mounting Heights:
High Bay 20-40ft (6.1-12-2m)

Max Sensor Range:
High Bay 80ft (24.4m) diameter

Fixture Mount: Audio Jack

Max Bluetooth Range¹:
100ft (30.4m)

Operating Temperature:
-20°C to 45°C

Storage Temperature:
-40°C to 85°C

Relative Humidity:
90-95% non-condensing at 30°C

Color: Black, White

Warranty: 5 years

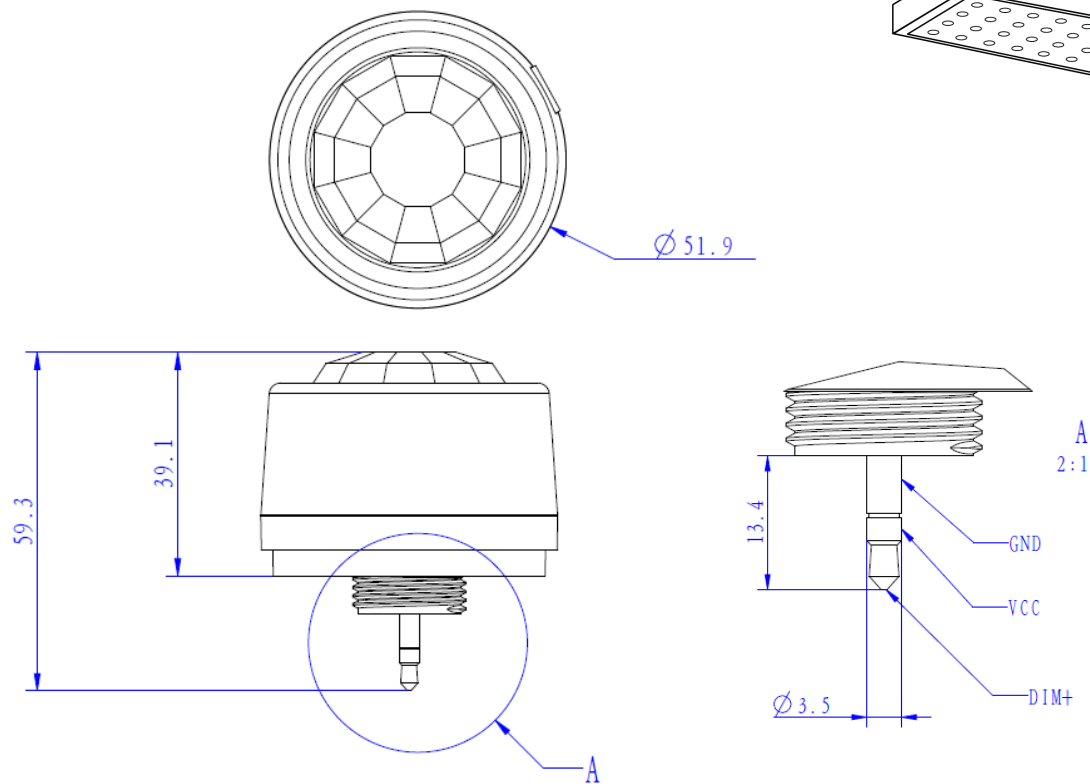
Note:

1. Bluetooth Range is highly dependent on the integration of fixtures, surrounding environment and conditions. It is recommended to conduct testing for range accuracy.

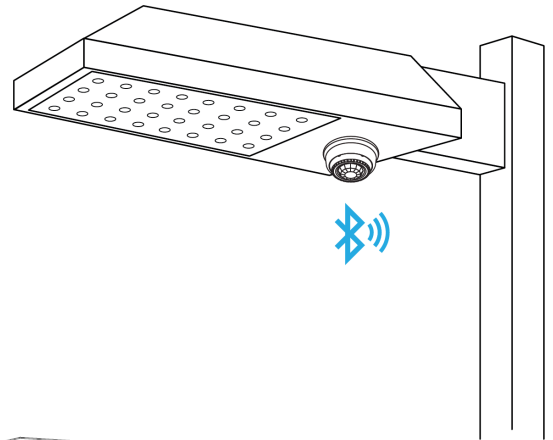
Project

Location/Type

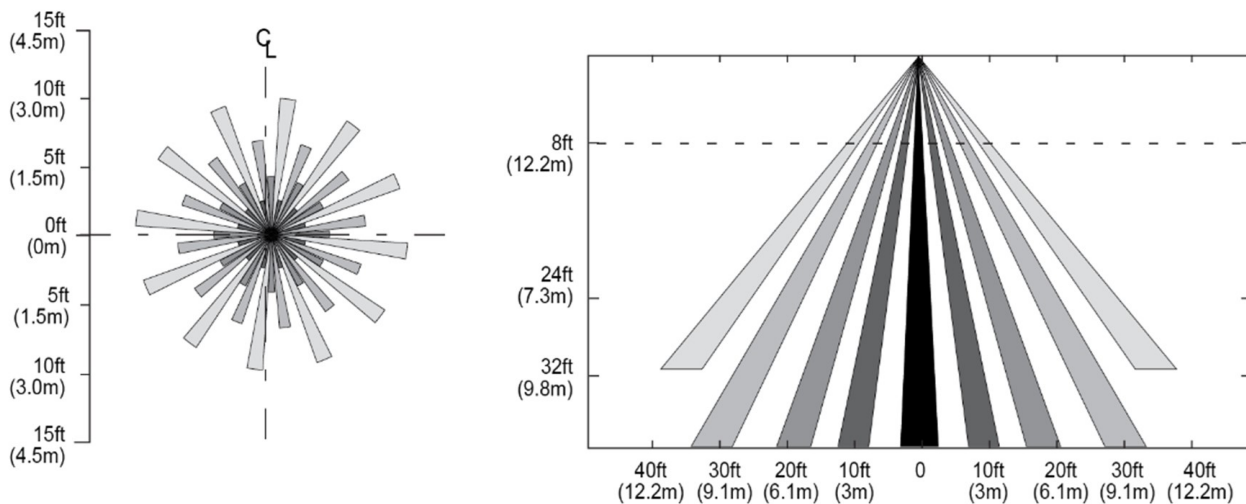
Physical Dimensions



All dimensions in mm
Drawings are Not to Scale



Sensor Patterns



High Bay Lens (H) Pattern

Model Number Matrix

PSC	JAV	I	11	H	BLE	SR	__
PSC	JAV	I	11	H	BLE	SR	BK
	0-10V Outdoor Audio Jack Device	Passive Infrared (PIR) Sensor	0-10V Base Photo Sensor	High Bay Lens Pattern	Wireless	TruBlu Mesh Compatible	Black Finish
							WT
							White Finish

Example:

PSC-JAV-I-11H-BLE-SR-BK