

Individual Spec Sheet

LOW VOLTAGE CEILING SENSOR WITH RECEPTACLE

FIELD INSTALLABLE

Integrated Bluetooth® Mesh Technology



ORDERING INFORMATION

Part Number: OSI-PIR107-WAVE
UPC: 753454007001
DLC ID: N-45JMFV

This low voltage Bluetooth® ceiling sensor has daylight harvesting and PIR motion sensor technology. This component can easily be mounted using the receptacle for ceiling sensor (included). These sensors help to maximize detection range without any false triggers and can be used with our Wave app via a smart phone or a wireless control switch.

SENSOR TECHNICAL SPECS			
INPUT VOLTAGE:	12 V DC	SINKING CURRENT:	10 mA Max
INPUT CURRENT:	40 mA Max	COLOR:	White
INPUT POWER:	1.5 W	OPERATING TEMPERATURE:	-30 °C to 55 °C (-22 °F to 131 °F)
OUTPUT VOLTAGE:	10 V DC	STORAGE TEMPERATURE:	-30 °C to 85 °C (-22 °F to 185 °F)
OUTPUT CURRENT:	10 mA Max	HOUSING MATERIAL:	UL 94-5 VA
OUTPUT POWER:	0.1 W	BLUETOOTH® TRANSMIT:	200 ft Max
DIMMING:	Class 2, 0-10 V DC 10 mA Max	RADIO FREQUENCY:	2.4 GHz ± 75 MHz

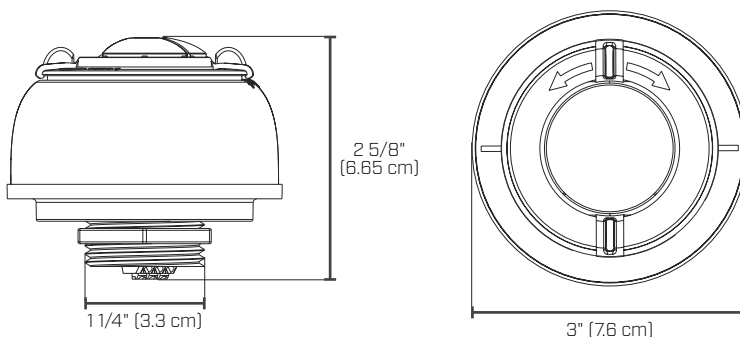
MOUNTING ACCESSORY¹ (INCLUDED)

Description
Receptacle for Bluetooth® Ceiling Sensor

¹ The mounting accessory is required to complete the installation of the sensor.

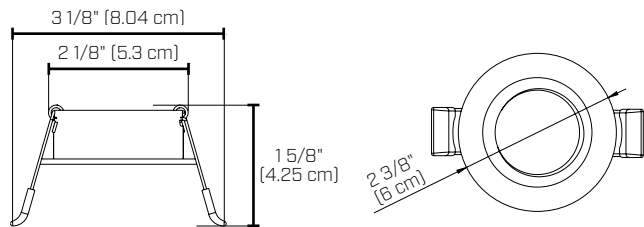


DIMENSIONS

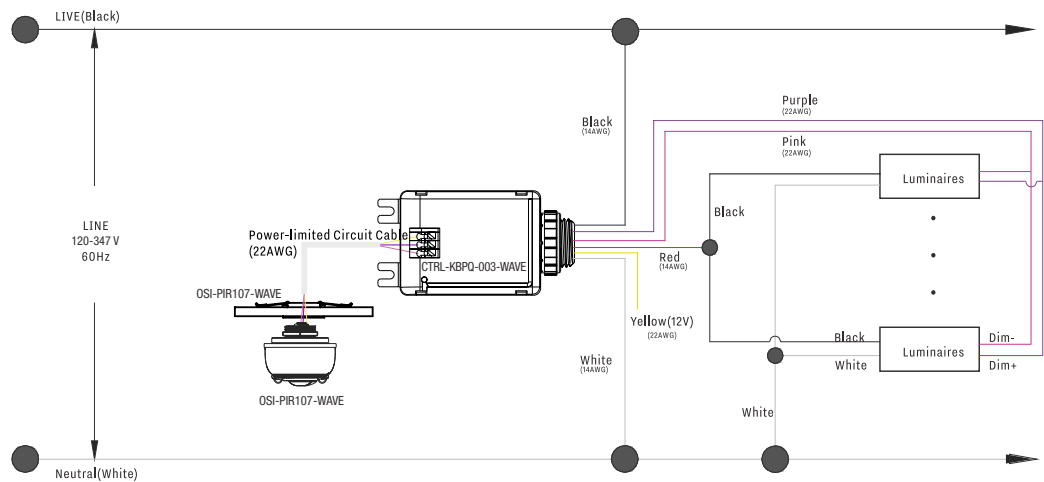


This lighting equipment meets requirements of ICES-005 issue 5 class B for use in residential applications. Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice.

ACCESSORY DIMENSIONS



WIRING DIAGRAM



SENSOR SETTING OPTIONS¹

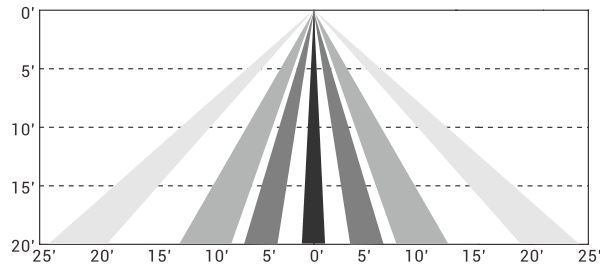
Parameter	Settings Options
1st Time Delay	1 min - 59 min, ∞
2nd Time Delay	1 min - 59 min, ∞
Dim Level	1% - 100 %

¹ For detailed sensor programming and settings information, please refer to the Wave App Instruction Guide.

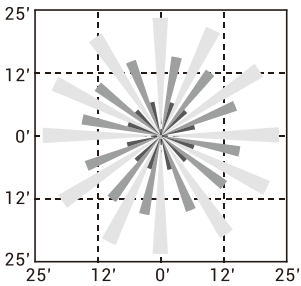
SENSOR MOUNTING AND DETECTION RANGE

Mounting Height	20 ft (6.1 m) Max
Detection Range	50 ft (15.2 m) Max

SIDE VIEW



TOP VIEW



Qty	Description	Price

I accept the specifications of the luminaire configuration mentioned above.

Name: _____

Company: _____

Signature: _____

Date: _____

Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions. All products are subject to change or may be discontinued any time without notice. Please contact your Aimlite customer service representative to confirm inventory levels at time of order.

WAVE CONTROL SYSTEM FEATURES

Wave is Aimlite's smart brand of lighting and emergency lighting. Integrating the latest in Bluetooth® Mesh technology, Wave products allow for customizable features that can be adjusted at your fingertips using a smartphone or other compatible devices. This system is easy to use, versatile and futureproof! Please see below for some of the key features¹ of the Wave control system:



LIGHTS

Instantly control the color temperature, wattage, lumen output and dimming.



GROUPS

Easily group luminaires together and control them as a single unit.



SCENES

Customize your lighting through scenes and create different atmospheres for occasions and activities.



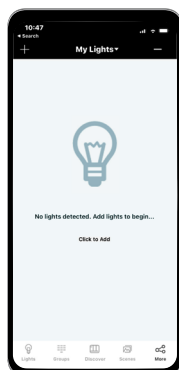
SCHEDULES

Set schedules to specify dates, times and recurrence patterns for changing the settings of your lighting.



SENSOR

Adjust the integrated PIR motion sensor and daylight harvesting settings.



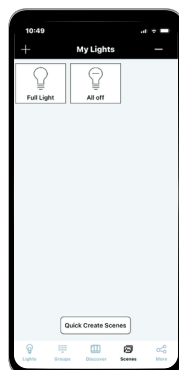
Lights

- Add
- Name or Rename
- Dimming and Color Tuning
- Delete
- Sensor Settings



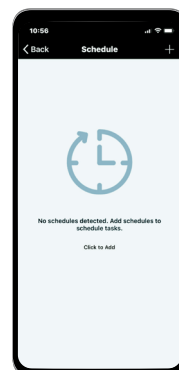
Groups

- Create
- Rename
- Delete
- Add or Remove Lights
- Adjust Group Linkage Level
- Turn On/Off
- Adjust Group Dimming
- Activate Auto Mode



Scenes

- Create
- Edit
- Delete



Schedules

- Creating
- Associate a Schedule To Lights, Groups, or Scenes
- Set a Repeating
- Set Fade Time
- Delete
- Enable Or Disable



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Instruction Guide

¹ Please note that the features mentioned are part of a broader range of characteristics relating to the Wave Ecosystem and may not be applicable to this specific product. Customers are advised to review the product specifications carefully to understand their capabilities

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