

Individual Spec Sheet

PIR MOTION SENSOR (PLUG-IN)

FIELD INSTALLABLE *

ORDERING INFORMATION

Part number: OSI-PIR108E-WAVE
UPC: 753454006905
DLC ID: N-45JMFV



The 12 V oval designed eco sensor can easily be integrated into Wave luminaires designed with the compatible smart receptacle for control applications in conjunction with our smart Bluetooth® low voltage luminaire controller (CTRL-KBC1-001-WAVE) or a smart driver. This accessory features a PIR and Daylight Harvesting capabilities which can be controlled with our Wave app via a smart phone.

Features

- PIR Occupancy Sensor: support setting delay time and bi-level dimming of the sensors.
- Daylight Harvesting: daylight sensor allows for continuous dimming according to desired light level.

SENSOR TECHNICAL SPECS

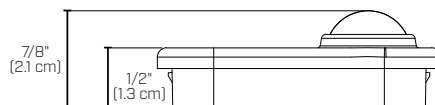
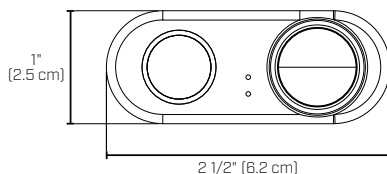
INPUT VOLTAGE:	12 V DC	DIMMING:	Class 2, 0-10 V DC 10 mA Max
INPUT CURRENT:	45 mA Max	SINKING CURRENT:	10 mA Max
INPUT POWER:	0.5 W	COLOR:	White
OUTPUT VOLTAGE:	10 V DC	OPERATING TEMPERATURE:	-30 °C to 55 °C [-22 °F to 131 °F]
OUTPUT CURRENT:	10 mA Max	STORAGE TEMPERATURE:	-30 °C to 85 °C [-22 °F to 185 °F]
OUTPUT POWER:	0.1 W	HOUSING MATERIAL:	UL 94-V0



COMPATIBLE LUMINAIRES

Part number
CSM-1P30P-32/TWBT
CSM-2P35P-32/TWBT
CSM-4P45P-32/TWBT
PSM-1P40P-32/TWBT
PSM-2P40P-32/TWBT
PSM-4P50P-32/TWBT

DIMENSIONS



* Requires specific tooling to be integrated into Smart luminaires.
 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.

SENSOR SETTING OPTIONS¹

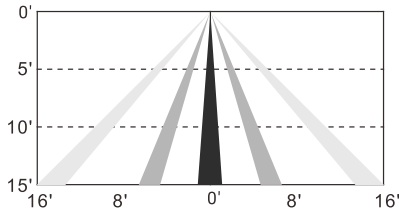
Parameter	Settings Options
1st Time Delay	1 min - 59 min, ∞
2nd Time Delay	1 min - 59 min, ∞
Dim Level	1% - 100 %

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

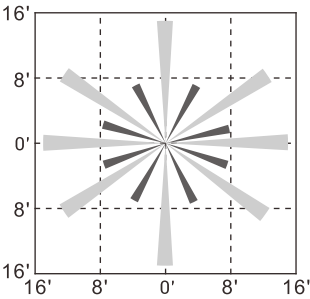
SENSOR MOUNTING AND DETECTION RANGE

Mounting Height	15 ft (4.6 m) Max
Detection Range	32 ft (9.75 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.

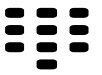
WAVE CONTROL SYSTEM FEATURES

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.



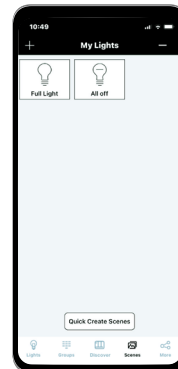
Lights

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



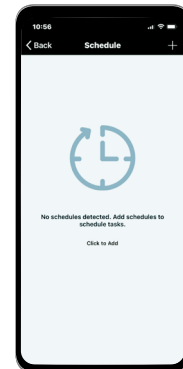
Groups

- 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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