AImLite | Wave

Individual Spec Sheet

PIR MOTION SENSOR (PLUG-IN)

FIELD INSTALLABLE *
Integrated Bluetooth® Mesh Technology

ORDERING INFORMATION

Part number: OSI-PIR106-WAVE
UPC: 753454006899
DLC ID: N-45JMFV

This low voltage high bay sensor can easily be plugged into the compatible audio jack receptacle for Luminaire Level Lighting control applications. Featuring integrated daylight harvesting PIR motion sensor capabilities, this accessory is designed for linear high bay and UFO high bay luminaires with smart ready capabilities. These sensors help to maximize detection range for high bay applications up to 40 ft 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:	50 mA Max	**COLOR:**	White
INPUT POWER:	0.6 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:**	100 ft Max
DIMMING:	Class 2, 0-10 V DC 10 mA Max	**RADIO FREQUENCY:**	2.4 GHz ± 75 MHz

5 YEAR WARRANTY · **Bluetooth®** · **QUICK**SHIP · DAMP LOCATION · INDOOR · DLC LISTED

COMPATIBLE LUMINAIRES

Part number	Part number
HBRV-PS150-32/3C-B	E5H-24PS200-32-3C
HBRV-PS150-32/3C-W	E5H-48PS160-32-3C
HBRV-PS180-32/3C-B	E5H-48PS240-32-3C
HBRV-PS240-32/3C-B	E5H-48PS360-32-3C
E5H-24PS120-32-3C	E5H-48PS480-32-3C
E5H-24PS160-32-3C	E5H-48PS625-32-3C

DIMENSIONS

2 3/8" (6 cm)
7/8" (2.15 cm)

2 5/8" (6.6 cm)
2 5/8" (6.6 cm)
2 1/4" (5.8 cm)
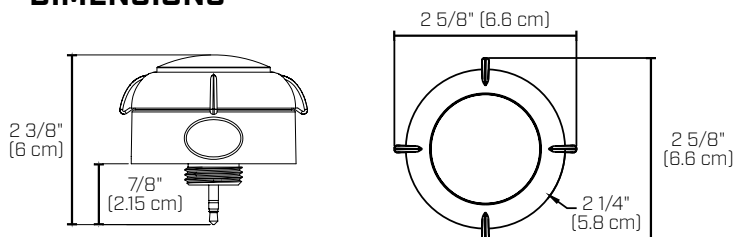
* The fixture needs to have an audio jack receptacle to be compatible.

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.

PLUG & PLAY SENSOR

Plug and play sensor making the fixtures Smart!
OSI-PIR106-WAVE is compatible with our E5H GEN. 2 and HBRV Series
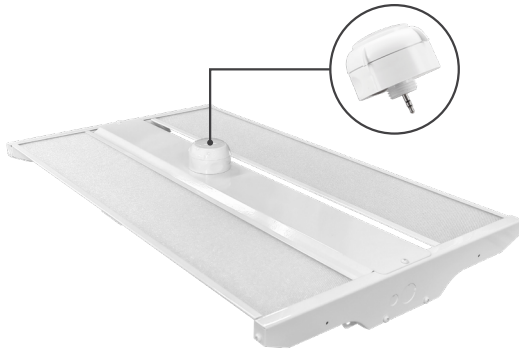
E5H GEN. 2

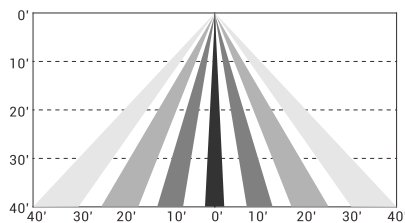HBRV

SENSOR SETTING OPTIONS[1]

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

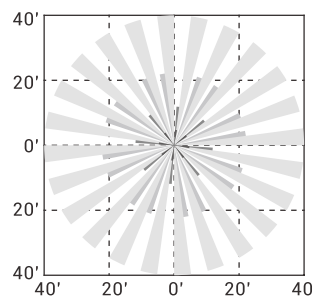[1] For detailed sensor programming and settings information, please refer to the Wave App Instruction Guide.

SENSOR MOUNTING AND DETECTION RANGE

Mounting Height	40 ft [12.2 m] Max
Detection Range	80 ft [24.4 m] Max

SIDE VIEW

TOP VIEW

Qty   Description   Price

I accept the specifications of the luminaire configuration mentioned above.
Name:
Company:
Signature: Date:

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 features[1] of the Wave control system:

LIGHTS
Instantly control the color temperature, wattage, lumen output and dimming.
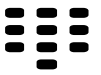
GROUPS
Easily group luminaires together and control them as a single unit.

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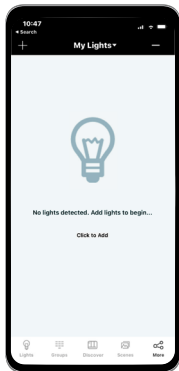Customize your lighting through scenes and create different atmospheres for occasions and activities.

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

SENSOR
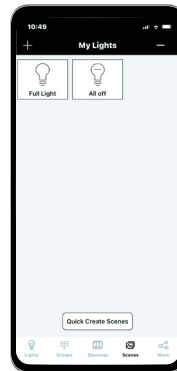Adjust the integrated PIR motion sensor and daylight harvesting settings.

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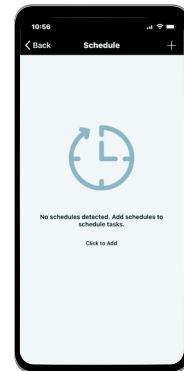- Dimming and Color Tuning
- Delete
- Sensor Settings

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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