

Individual Spec Sheet

INDOOR/OUTDOOR PIR MOTION SENSOR (PLUG-IN)

FIELD INSTALLABLE *

Integrated Bluetooth® Mesh Technology



ORDERING INFORMATION

Model number: OSI-PIR106-W2-WAVE
UPC: 753454007148
DLC ID: N-8VMDZM

Designed for indoor and outdoor wet locations and suited for high bay applications up to 40 ft, this motion sensor features PIR motion detection + photocell. With a 328 ft transmission range and built in an IP66-rated housing, it ensures reliable, long-distance communication and durability in harsh environments. With plug-and-play installation, it seamlessly integrates with linear high bay or UFO high bay luminaires that have a compatible Wave receptacle.

Features

- Photocell+PIR technology maximizes detection for mounting up to 40 ft without false triggers
- Photocell for Hold ON/OFF operation
- Antenna: Enhanced long-range capability
- Suitable for indoor and outdoor wet locations

TECHNICAL SPECS			
INPUT VOLTAGE:	12 V DC	COLOR:	White
INPUT CURRENT:	50 mA Max	OPERATING TEMPERATURE:	-30 °C to 65 °C [-22 °F to 149 °F]
INPUT POWER:	0.6 W	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:	328 ft Max
DIMMING:	Class 2, 0-10 V DC 10 mA Max	RADIO FREQUENCY:	2.4 GHz ± 75 MHz
SINKING CURRENT:	10 mA Max	IP RATING:	IP66








COMPATIBLE ACCESSORY (ORDER SEPARATELY)

Model number	Description
CTRL-KBO-004-WAVE	Outdoor Arm Extension Adapter White

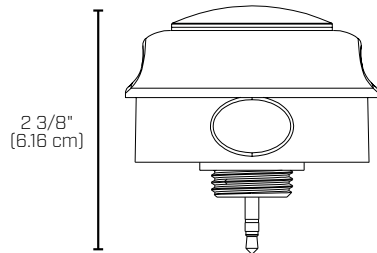


* The fixture needs to have an audio jack receptacle to be compatible.
 This lighting equipment meets requirements of ICES-005 issue 5 class B for use in residential applications.
 Data is based upon tests performed in a controlled environment.
 Actual performance can vary depending on operating conditions. Specifications are subject to change without notice.

COMPATIBLE LUMINAIRES

Series	Model number
W16S GEN. 5	W16S-PS40B-323CWH
	W16S-PS100B-323CWH
UCS	UCS-PS70A-32-3CBRP
	UCS-PS70A-32-3CWHP
HBRV	HBRV-PS150-32/3C-W

DIMENSIONS



PLUG & PLAY SENSOR

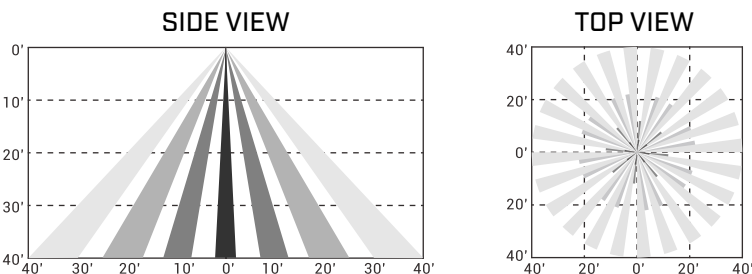
Plug and play sensor making the fixtures Smart!

OSI-PIR106-W2-WAVE is compatible with our UCS, W16S GEN. 5* and HBRV Series.



SENSOR MOUNTING AND DETECTION RANGE

Mounting Height	40 ft (12.2 m) Max
Detection Range	40-80 ft (12.2-24.4 m) Max



* Customizable with the addition of an auxiliary receptacle for smart accessories

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.

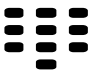
WAVE CONTROL SYSTEM FEATURES

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.



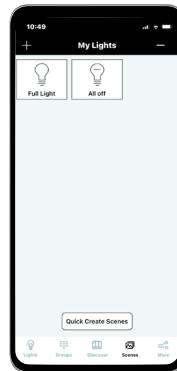
Lights

- 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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