AimLite | **Wave**

Individual Spec Sheet

INDOOR/OUTDOOR PIR MOTION SENSOR (PLUG-IN)
FIELD INSTALLABLE *
Integrated Bluetooth® Mesh Technology

ORDERING INFORMATION

Model number: OSI-PIR106-W-WAVE
UPC: 753454007131
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:**	Black
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

5 YEAR WARRANTY · **Bluetooth®** · QUICKSHIP · WET LOCATION · OUTDOOR · INDOOR

COMPATIBLE ACCESSORY (ORDER SEPARATELY)

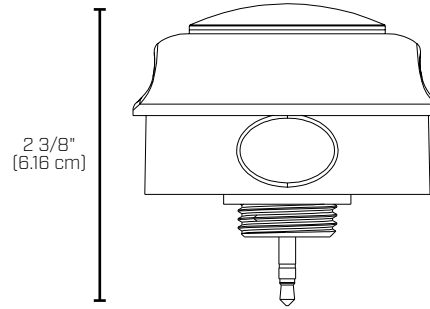| Model number	Description
CTRL-KBO-003-WAVE	Outdoor Arm Extension Adapter Black

* 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
FSB	FSBS-PS150W-323CBR
	FSBM-PS300W-323CBR
	FSBL-PS450W-323CBR
	FSBS-PS150W-323CBK
	FSBM-PS300W-323CBK
	FSBL-PS450W-323CBK
	FSBS-PS150W-3222KB
	FSBM-PS300W-3222KB
W16S GEN. 5	W16S-PS40B-323CBR
	W16S-PS100B-323CBR
	W16S-NS120B-323CBR
	W16S-PS40B-323CBK
	W16S-PS100B-323CBK
	W16S-NS120B-323CBK
HBRV	HBRV-PS150-32/3C-B
	HBRV-PS240-32/3C-B
	HBRV-PS180-32/3C-B

DIMENSIONS

2 3/8"
(6.16 cm)

PLUG & PLAY SENSOR

Plug and play sensor making the fixtures Smart!
OSI-PIR106-W-WAVE is compatible with our FSB, W16S GEN. 5* and HBRV Series.

FSB SERIES

Smart ready Flood / Area light

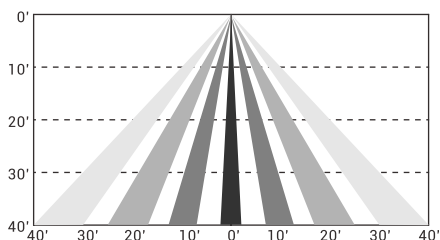### W16S GEN. 5 SERIES

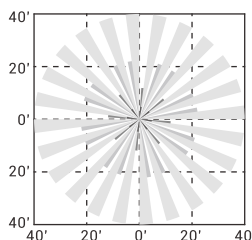Wall pack - smart compatible option

HBRV SERIES

Smart ready high bay

SENSOR MOUNTING AND DETECTION RANGE

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

SIDE VIEW

TOP VIEW

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

Qty	Description	Price

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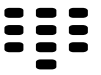Name:
Company:
Signature: Date:

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
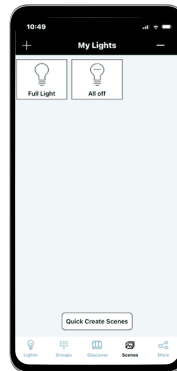Adjust the integrated PIR motion sensor and daylight harvesting settings.

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

Download on the
App Store

GET IT ON
Google Play

Download our App

Instruction Guide