

## Individual Spec Sheet

# HIGH FREQUENCY MOTION SENSOR






## FIELD INSTALLABLE



### ORDERING INFORMATION

**Part Number:** OSI-MW105E-WAVE  
**UPC:** 753454006912  
**DLC ID:** N-45JMFV

The non-Bluetooth® indoor low voltage high frequency sensor can easily be integrated into luminaires for control applications in conjunction with our smart Bluetooth® accessories. Please refer to the compatible accessories table. This occupancy sensor supports setting a time delay and bi-level dimming of sensors through our Wave app via a smart phone.

SENSOR TECHNICAL SPECS			
<b>INPUT VOLTAGE:</b>	12 V DC	<b>OPERATING TEMPERATURE:</b>	-30 °C to 55 °C [-22 °F to 131 °F]
<b>INPUT POWER:</b>	0.1 W	<b>STORAGE TEMPERATURE:</b>	-30 °C to 85 °C [-22 °F to 185 °F]
<b>COLOR:</b>	White	<b>IP RATING:</b>	IP20
  QUICKSHIP  DRY LOCATION  INDOOR 			

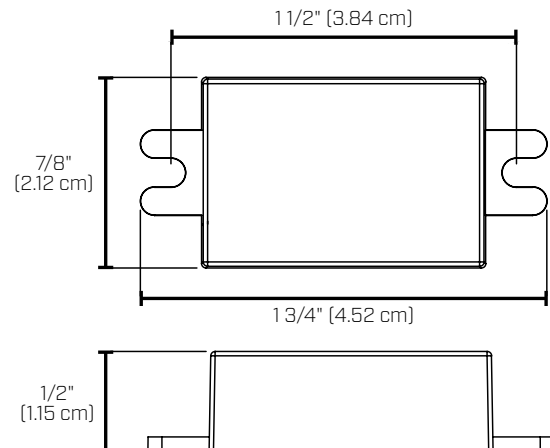
### COMPATIBLE LUMINAIRES

SERIES	PART NUMBER
VPL4 GEN. 3	VPL4-3-PS132-3C
	VPL4-3-PS232-3C
VPL4-L GEN. 2	VPL4-PS42B-32-3C
	VPL4-PS65B-32-3C
VPL8-L GEN. 2	VPL8-LA1B-32-3C
	VPL8-PS110B-32-3C

### COMPATIBLE ACCESSORIES

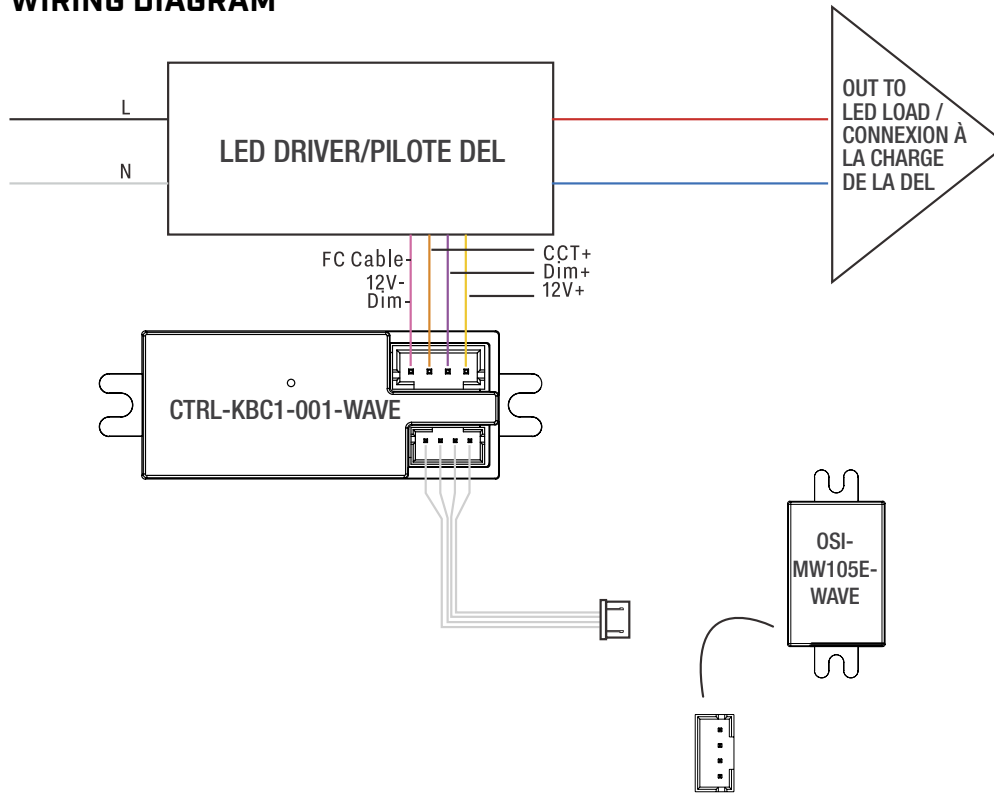
PART NUMBER	DESCRIPTION
CTRL-KBC1-001-WAVE	Bluetooth® Smart Integrated Fixture Adapter 12 V DC
CTRL-KBPW-002-WAVE	Bluetooth® Fixture Controller 120-277 V AC
CTRL-KBPQ-002-WAVE	Bluetooth® Fixture Controller 120-347 V AC

### DIMENSIONS



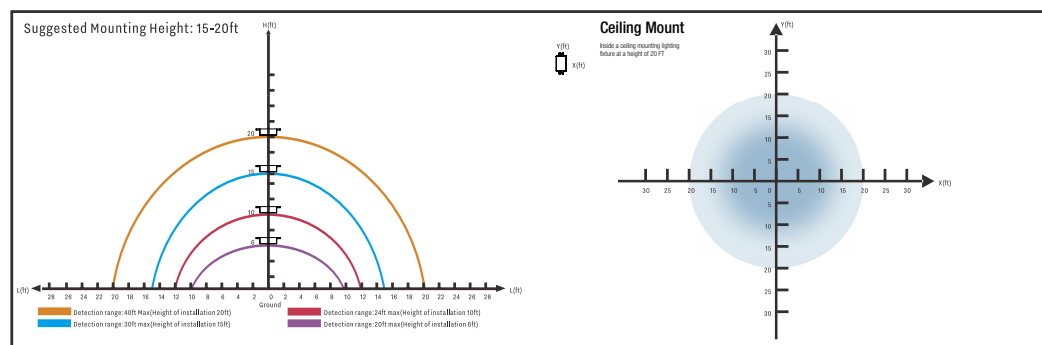
This lighting equipment meets requirements of ICES-005 issue 5 class B for use in residential applications. Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice.

## WIRING DIAGRAM



## SENSOR MOUNTING AND DETECTION RANGE

Mounting Height	20 ft (6 m) Max
Detection Range	20-40 ft (6 m-12.2 m) depending on mounting height



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.

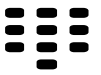
## WAVE CONTROL SYSTEM FEATURES

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 features<sup>1</sup> 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.



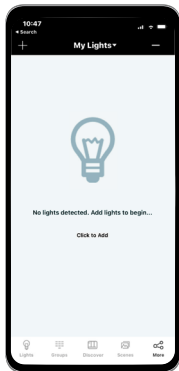
### SCHEDULES

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.



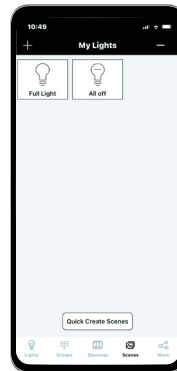
### Lights

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



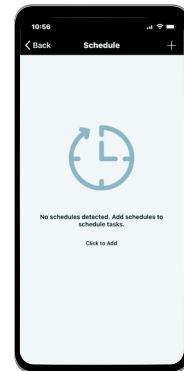
### Groups

- 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

<sup>1</sup> 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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