

Individual Spec Sheet

INTEGRATED FIXTURE ADAPTER

FIELD INSTALLABLE

Integrated Bluetooth® Mesh Technology

ORDERING INFORMATION

Part number: CTRL-KBC1-001-WAVE
UPC: 753454006929
DLC ID: N-45JMFV

This Integrated Fixture Adapter allows for Luminaire Level Lighting Control capabilities in a compact design for easy integration into existing luminaire housings. It is easy to install and has sensor ready capability. It is powered by 12 V DC input from dimmable dim to off LED drivers and provides easy connectivity to non Bluetooth® sensors which can be paired with our Wave app via a smart phone.

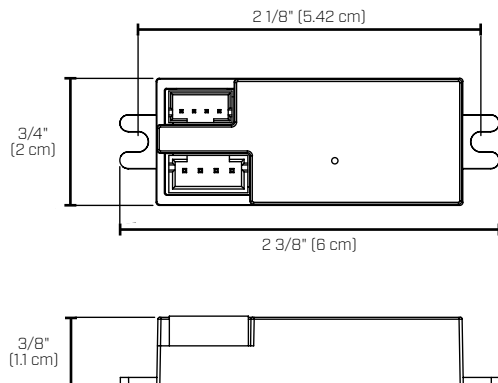


TECHNICAL SPECS

INPUT VOLTAGE:	12 V DC	COLOR:	White
INPUT CURRENT:	45 mA Max	OPERATING TEMPERATURE:	-30 °C to 55 °C [-22 °F to 131 °F]
INPUT POWER:	0.5 W	STORAGE TEMPERATURE:	-30 °C to 85 °C [-22 °F to 185 °F]
OUTPUT VOLTAGE:	10 V DC	HOUSING MATERIAL:	UL 94-V0
OUTPUT CURRENT:	10 mA Max	BLUETOOTH® TRANSMIT:	200 ft Max
OUTPUT POWER:	0.1 W	RADIO FREQUENCY:	2.4 GHz ± 75 MHz
DIMMING:	Class 2, 0-10 V DC 10 mA Max	IP RATING:	IP20
SINKING CURRENT:	10 mA Max		



DIMENSIONS



COMPATIBLE LUMINAIRES

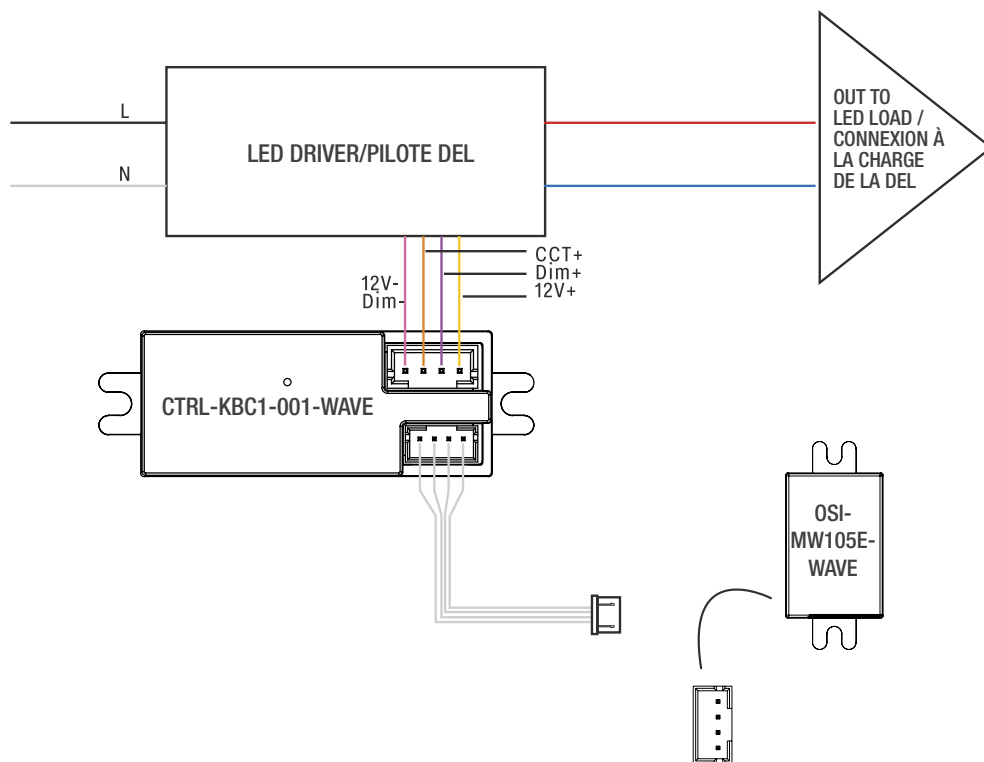
Series	Part number
S20RS	S20RS-24LA1-32/3C
	S20RS-36LP30-32/3C
	S20RS-48LP40-32/3C
	S20RS-48LP45-32/3C
	S20RS-48LP45323CBK
	S20RS-48LA1-32/3C
	S20RS-48LA2-32/3C
	S20RS-96LP90-32/3C
	S20RS-96LP90323CBK
	S20RS-48LP80-32/3C
	S20RS-96LP142-323C
VPL4-GEN 3	VPL4-3-PS132-3C VPL4-3-PS232-3C
VPL4-L GEN 2	VPL4-PS42B-32-3C VPL4-PS65B-32-3C
VPL8-L GEN 2	VPL8-LA1B-32-3C VPL8-PS110B-32-3C

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 SENSOR

Part number	Description
OSI-MW105E-WAVE	High Frequency Motion Sensor

WIRING DIAGRAM



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.

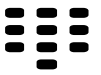
WAVE CONTROL SYSTEM FEATURES

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.



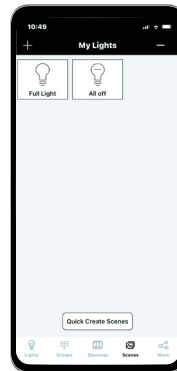
Lights

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



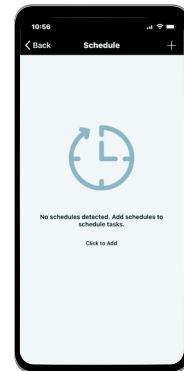
Groups

- 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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