

# Keilton + autani

## MWS105E Series

Integrated 12V Eco Microwave Sensor



MWS105E

### Description

The Eco Sensors extend the capabilities of a host controller device by providing Microwave Occupancy detection with adjustable sensitivity inputs. As non-Bluetooth devices, Eco Sensors are designed to operate with either the FA102 Bluetooth low-voltage luminaire controller or the PPA102S line voltage Bluetooth luminaire controller.

### Features

- Microwave occupancy sensor supports setting a delay time and bi-level dimming of sensors through the Keilton+autani app
- Sensitivity adjustment from 0-100%

### Requirements

- Must be paired with a Keilton smart driver, or an FA102 fixture adapter with 0-10V dim-to-off driver, or a PPA102S
- Requires both a CC (sensor) cable and FC (fixture) cable when paired with an FA102 (not included)

### Specifications

<b>Input Voltage</b>	DC 12V
<b>Input Power</b>	0.1W
<b>Housing Material</b>	UL 94-V0
<b>Detection Range</b>	20-40ft (depending on mounting height)
<b>Mounting Height</b>	8-20ft
<b>Indoor/Outdoor Use</b>	Indoor
<b>Operating Temperature</b>	-30°C to 55°C, -22°F to 131°F
<b>Storage Temperature</b>	-30°C to 85°C, -22°F to 185°F
<b>IP Rating</b>	MWS.105E: IP20
<b>Color</b>	White
<b>Warranty</b>	5 year warranty
<b>Compliance</b>	UL8750, UL1376, RoHs
<b>Safety</b>	cULus Recognized Component   LED Controller E504054 FCC ID: 2A26YLTkTVT2021   DID: D057145   DLC: NLTRC5KLOTN

### Ordering Information

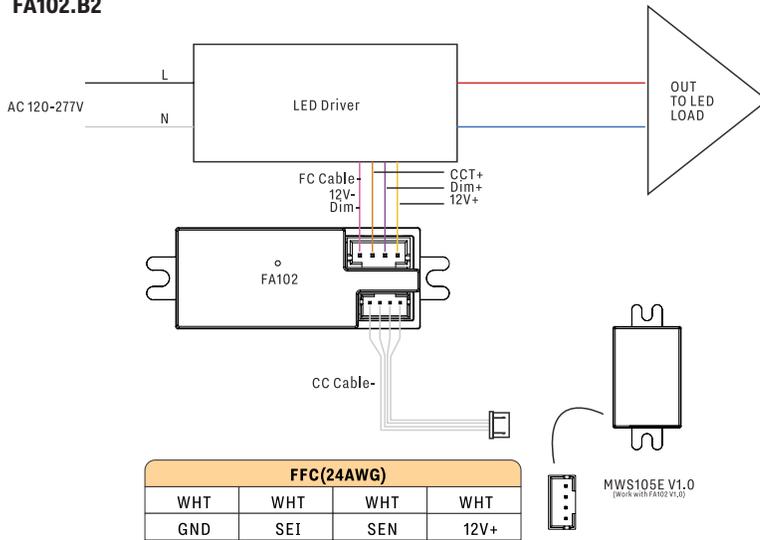
Model	Description	Works with	Mounting Height Range
<b>MWS105E.A0</b>	Integrated 12V Eco Microwave Sensor, Adjustable Sensitivity	FA102.C1/PPA102S.B1	8-20'
<b>MWS105E.B1</b>	Integrated 12V Eco Microwave Sensor, Fixed Sensitivity	FA102.C1/PPA102S.B1/MRLK	8-20'

### Ordering Information - Accessories

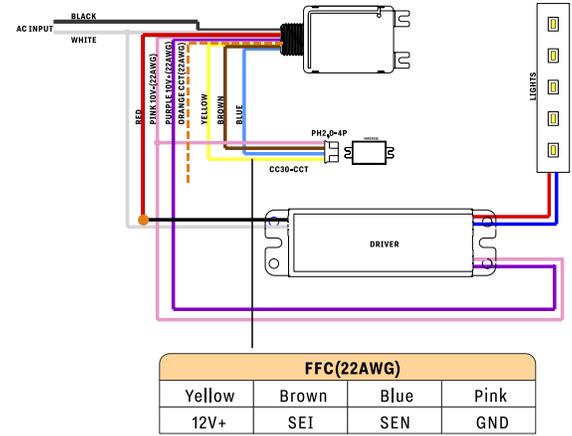
Model	Description
<b>CC30 (for use with the FA102 only)</b>	2468 24AWG white 300V 80°C Length:300mm, PH2.0-4P on both side cable between adaptor and sensor
<b>CC60 (for use with the FA102 only)</b>	2468 24AWG white 300V 80°C Length:600mm, PH2.0-4P on both side cable between adaptor and sensor
<b>CC120 (for use with the FA102 only)</b>	2468 24AWG white 300V 80°C Length:1200mm, PH2.0-4P on both side cable between adaptor and sensor
<b>FC30 (for use with the FA102 only)</b>	1007 22AWG white 300V 80°C Length:300mm, XH2.54-4P on left side cable between adaptor and driver, dip tin 10mm on right side
<b>FC60 (for use with the FA102 only)</b>	1007 22AWG white 300V 80°C Length:600mm, X H2.54-4P on left side cable between adaptor and driver, dip tin 10mm on right side

## Wiring

### FA102.B2

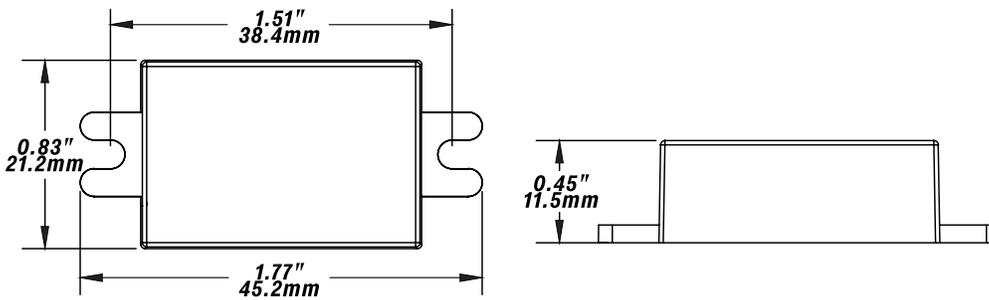


### PPA102S.B1

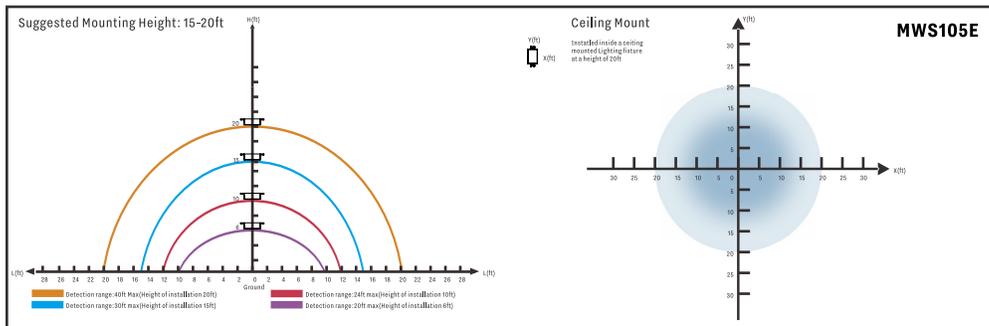


## Dimensions

### MWS105E



## Coverage



## Product Label



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## App Download

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Due to our continued efforts to improve our products, specifications are subject to change without notice.

## Contact Us

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