

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

Input Voltage	DC 12V
Input Power	0.1W
Housing Material	UL 94-V0
Detection Range	20-40ft (depending on mounting height)
Mounting Height	8-20ft
Indoor/Outdoor Use	Indoor
Operating Temperature	-30°C to 55°C, -22°F to 131°F
Storage Temperature	-30°C to 85°C, -22°F to 185°F
IP Rating	MWS.105E: IP20
Color	White
Warranty	5 year warranty
Compliance	UL8750, UL1376, RoHs
Safety	cULus Recognized Component LED Controller E504054 FCC ID: 2A26YLTkTVT2021 DID: D057145 DLC: NLTRC5KL0TN

Ordering Information

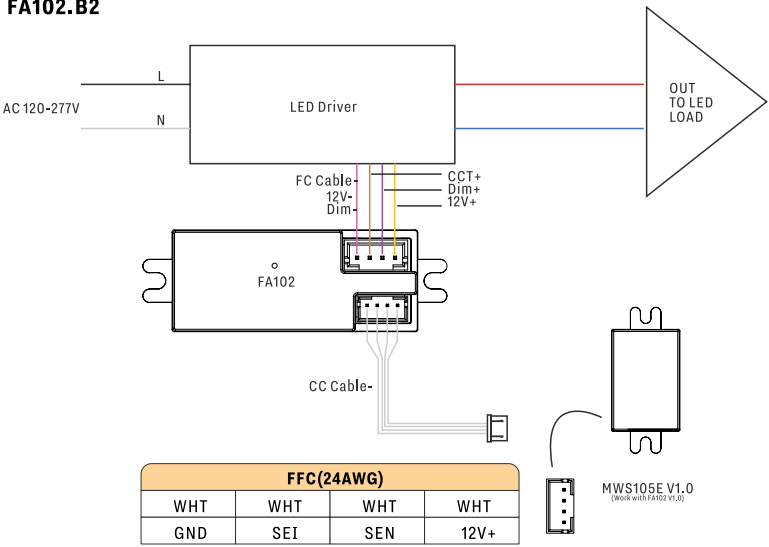
Model	Description	Works with	Mounting Height Range
MWS105E.A0	Integrated 12V Eco Microwave Sensor, Adjustable Sensitivity	FA102.B2/PPA102S.B1	8-20'
MWS105E.B1	Integrated 12V Eco Microwave Sensor, Fixed Sensitivity	FA102.B2/PPA102S.B1/MRLK	8-20'

Ordering Information - Accessories

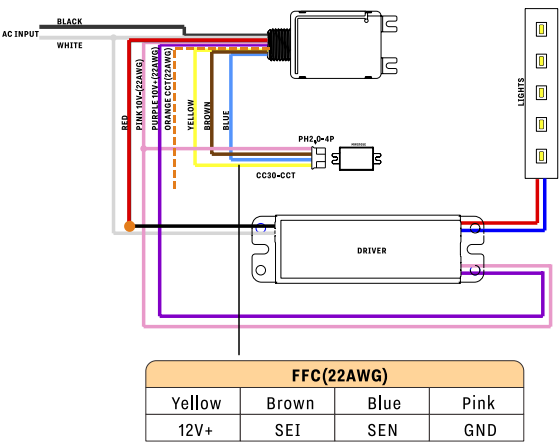
Model	Description
CC30 (for use with the FA102 only)	2468 24AWG white 300V 80°C Length:300mm, PH2.0-4P on both side cable between adaptor and sensor
CC60 (for use with the FA102 only)	2468 24AWG white 300V 80°C Length:600mm, PH2.0-4P on both side cable between adaptor and sensor
CC120 (for use with the FA102 only)	2468 24AWG white 300V 80°C Length:1200mm, PH2.0-4P on both side cable between adaptor and sensor
FC30 (for use with the FA102 only)	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
FC60 (for use with the FA102 only)	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

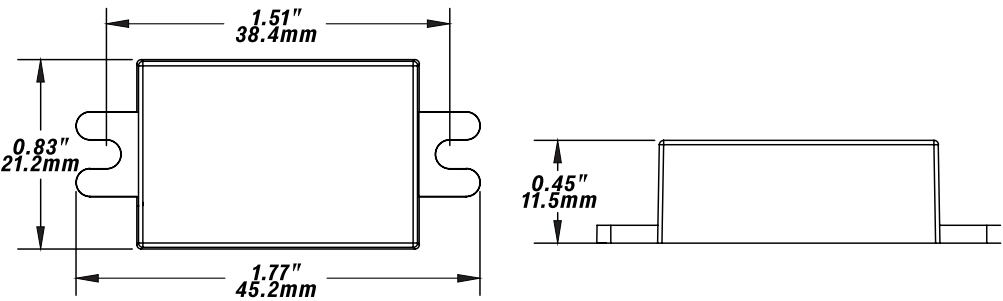


PPA102S.B1

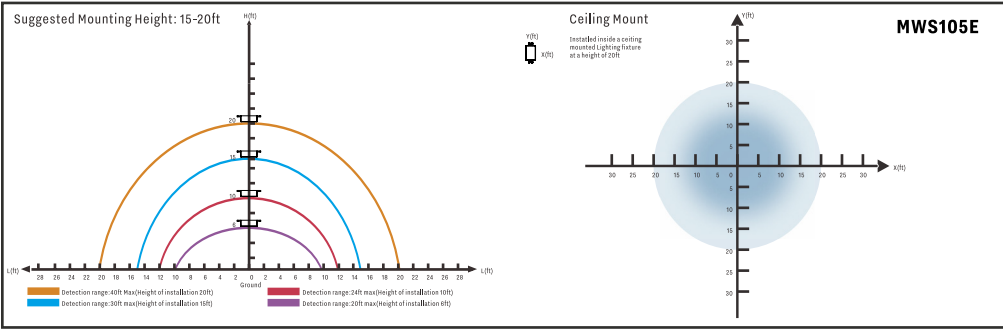


Dimensions

MWS105E



Coverage



Product Label



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App Download



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

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