

# Keilton + autani

## FA102 Series Integrated Fixture Adapter



FA102

### Description

The FA102 Integrated Fixture Adapter enables Luminaire Level Lighting Control (LLLC) capabilities in a miniature design with integrated “sensor-ready” functionality. It is powered by 12VDC input from dimmable dim-to-off LED drivers and provides connectivity to non-Bluetooth, eco-sensors.

### Features

- 12VDC input
- Integral Bluetooth module
- Designed for integration into luminaires to provide luminaire level lighting control (LLLC)
- Sensor-ready attachment port for Keilton+autani Eco Sensors
- 0-10V output (FA102.C1)
- Dual 0-10V output (FA102.C2)
- PWM Dimming (FA102.D1)

### Requirements

- Requires both a CC (sensor) and FC (fixture) cable. Not included.
- Eco Sensor (see Eco Sensor Specification Sheet)

### Specifications

<b>Input Voltage</b>	DC 12V
<b>Input Current</b>	45mA Max
<b>Input Power</b>	0.5W
<b>Output Voltage</b>	DC 10V
<b>Output Current</b>	10mA Max
<b>Output Power</b>	0.1W
<b>Dimming</b>	Class 2, 0-10V DC 10mA Max
<b>Sinking Current</b>	10mA Max
<b>Bluetooth Transmit</b>	200ft Max
<b>Radio Frequency</b>	2.4GHz ± 75MHz
<b>Bluetooth Version</b>	5.0
<b>Housing Material</b>	UL 94-V0
<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>	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	Eco Sensor Model	Sensor Input	Dimming Output	CC30/60/120 ECO CONNECTOR**	FC30/60 Adaptor Connector***
FA102.C1	IFS105E IFS108E	PIR, DLH*	0-10VDC	X	X
	MWS105E MWS108E	Microwave			
FA102.C2	IFS105E IFS108E	PIR, DLH*	Dual 0-10VDC (CCT)	X	X
FA102.D1	IFS105E IFS108E	PIR, DLH*	0-10VDC + PWM	X	X

\* DLH - Daylight Harvesting (DLH)

## Accessory Ordering Information

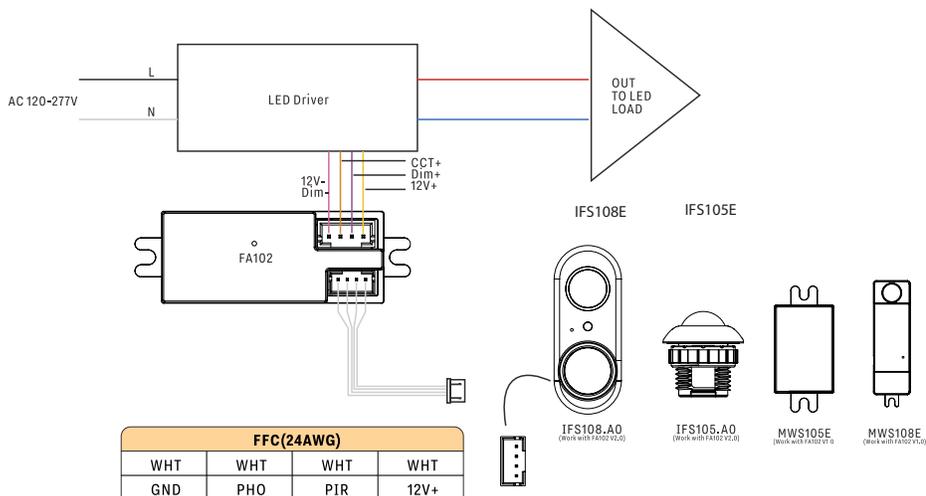
Model	Description
CC30	2468 24AWG white 300V 80°C Length:300mm, PH2.0-4P on both side cable between adaptor and sensor
CC60	2468 24AWG white 300V 80°C Length:600mm, PH2.0-4P on both side cable between adaptor and sensor
CC120	2468 24AWG white 300V 80°C Length:1200mm, PH2.0-4P on both side cable between adaptor and sensor
FC30	1007 22AWG white 300V 80°C Length:300mm, XH2.54-4P on left side cable (to FA102), dip tin 10mm on right side (to LED driver)
FC60	1007 22AWG white 300V 80°C Length:600mm, XH2.54-4P on left side cable (to FA102), dip tin 10mm on right side (to LED driver)
IFS105E.AO	PIR, DLH sensor, Eco-Sensor
IFS108E.AO	PIR, DLH sensor, Eco-Sensor

\*\* CC30/60/120 ECO cable connector - Used to plug ECO Sense family of sensors into FA102 Adaptor

\*\*\*FC30/60 cable connector from FA102 Adaptor to driver

## Wiring

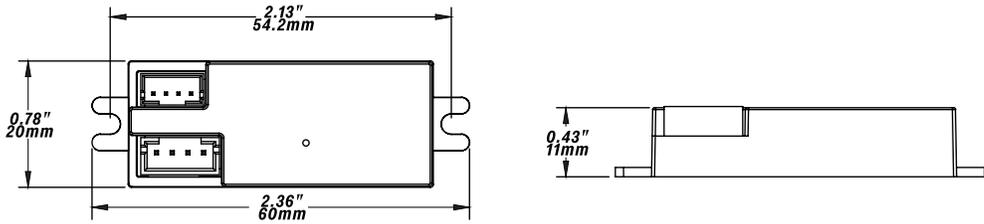
### FA102



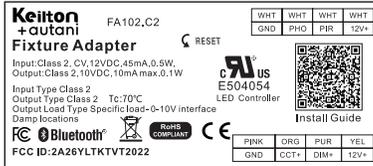
## Dimensions

Unit:inch/mm

### FA102



## Product Label



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## App Download



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