Keilton
+autani

ECO SENSORS

ECO SENSOR SERIES

The Eco Sensor series of products are Non-Bluetooth sensors designed to operate with either the FA102, PPA102S, PPA102S-W, or PPA104S line voltage Bluetooth luminaire controllers. These are non-Bluetooth sensors that extend the capabilities of the host luminaire controller by providing Passive Infrared (PIR) or PIR with Ultrasonic (US) Occupancy Technologies and Daylight Harvesting (MWS105E is Microwave sensor only) inputs to the luminaire controllers.There are several models to fit different applications. From luminaire mount to ceiling and wall mount. PIR sensors are equipped with **AlgoH™** algorithm to maximize detection without false triggers. All models are 12VDC powered.

IFS105E

IFS105E - PIR & Daylight Harvesting Sensor

- Luminaire or ceiling mount (requires RC01)
- PIR Occupancy Sensor has adjustable dual time-out delays with bi-level dimming of lights
- Daylight Havesting provides energy savings by dynamically dimming lights in sunlit areas

IFS108E

IFS108E - PIR & Daylight Harvesting Sensor

- Luminaire mount
- PIR Occupancy Sensor has adjustable dual time-out delays with bi-level dimming of lights
- Daylight Havesting

MWS.105E

MWS105E - Microwave Sensor

- In-Luminaire mount
- Microwave Occupancy Sensor has adjustable delay time and bi-level dimming of sensors through APP
- Sensitivity Adjustment available to 0-100%

EFS107E

EFS107E - PIR/US & Daylight Harvesting Sensor

- Ceiling mount
- PIR and Ultrasonic Occupancy Sensor has adjustable dual time-out delays with bi-Level dimming. Can select either sensing technology to fit application
- Daylight Havesting provides energy savings by dynamically dimming lights in sunlit areas

MS107E

MS107E - PIR/US & Daylight Harvesting Sensor

- Wall or ceiling mount
- PIR and Ultrasonic Occupancy Sensor has adjustable dual time-out delays with bi-Level dimming. Can select either sensing technology to fit application
- Daylight Havesting provides energy savings by dynamically dimming lights in sunlit areas

FEATURES

- Simple to design control solutions
- Variety of controller/sensor combinations
- Several options to fit any design application
- Fast to install
- Rapid connect cable plugs for sensor to controller or driver
- Pre-cut, plenum-rated cables for retrofit installations with simple RJ45 connectors
- Non-Bluetooth which does not impact BLE node count in network

ORDERING INFORMATION - ACCESSORIES (SEE PRODUCT DATA SHEETS FOR DETAILS)

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 between adaptor and driver, dip tin 10mm on right side
FC60	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
RTP	Converter from RJ45 to PH2.0 connector (supports daisy chaining of devices).
CAT-R10/25/50	CAT5e cable with RJ45 male connector on each end.
RJ45-C	RJ45 female to female coupler

ECO SENSORS ARE DESIGNED TO WORK WITH

FA102
The FA102 Integrated Fixture Adapter enables Luminaire Level Lighting Control (LLLC) capabilities in a miniature design with integrated "sensor-ready" functionality.

PPA102S
The PPA102S Bluetooth Fixture Controller enables seamless conversion of luminaires to wireless control for integration with the Keilton+autani system.

PPA102S-W
The PPA102S-W series of long-range antennas helps build a robust lighting control network for outdoor applications by extending the wireless coverage.

PPA104S
The PPA104S Bluetooth Zone Controller has a 20A relay to control larger loads than a standard fixture controller.

Contact sales@litetrace.com with questions or for support.

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By LiteTrace

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