

# Keilton + autani

## EFS107E Series

12V Dual-Tech Ceiling Eco Sensor



EFS107E

### Description

The EFS107E is a low-voltage, dual-tech ceiling mount room sensor that combines PIR and ultrasonic technologies to provide high accuracy and wide coverage. It is equipped with the **AlgoH™** algorithm to maximize detection while reducing false-ON triggers. The EFS107E sensor incorporates daylight harvesting and is intended to operate with a luminaire controller (PPA104S.B1, PPA104S-D.B1 or PPA102S.F1).

### Features

- 12V DC input
- Powered by luminaire controllers (PPA104S.B1, PPA104S-D.B1 or PPA102S.F1)
- 600 sq ft room coverage
- Daylight Harvesting
- Dual-tech PIR +Ultrasonic technology provides high accuracy and wide coverage
- **AlgoH™** algorithm maximizes detection while reducing false-ON triggers

### Requirements

- PPA102S.F1/PPA104S.B1/PPA104S-D.B1
- RTP connector

### Specifications

<b>Input Voltage</b>	12V DC
<b>Housing Material</b>	UL 94-V0
<b>Indoor/Outdoor Use</b>	Indoor Use Only
<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>	RoHs

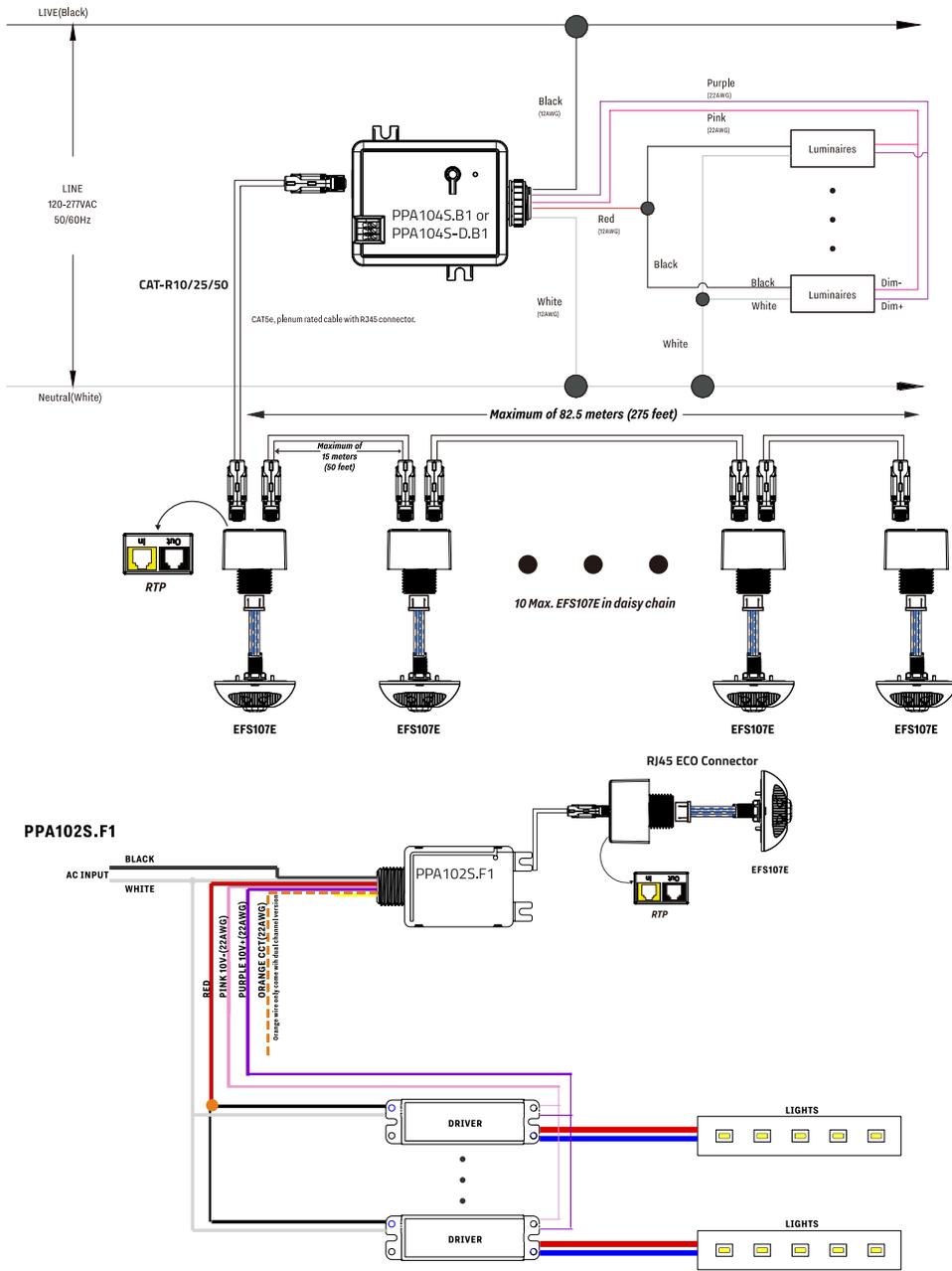
### Ordering Information

Model	Description
EFS107E.A0	12V Dual-Tech Ceiling Eco Sensor

### Ordering Information - Accessories

Model	Voltage	Connections	Description
PPA104S.B1	120-277V	Eco-Port /wire terminals	20A Luminaire Controller with Eco-Port
PPA104S-D.B1	120-277V	Eco-Port /wire terminals	20A Luminaire Controller with Contact Closure with Eco-Port
PPA102S.F1	120-347V	Eco-Port	6A Luminaire Controller with Eco-Port
RTP	N/A	RJ45 ECO Port/PH2.0	Converter from RJ45 to PH2.0 connector
CAT-R10/25/50	N/A	N/A	CAT5e cable with RJ45 male connector on each end
RJ45-C	N/A	N/A	RJ45 female to female coupler

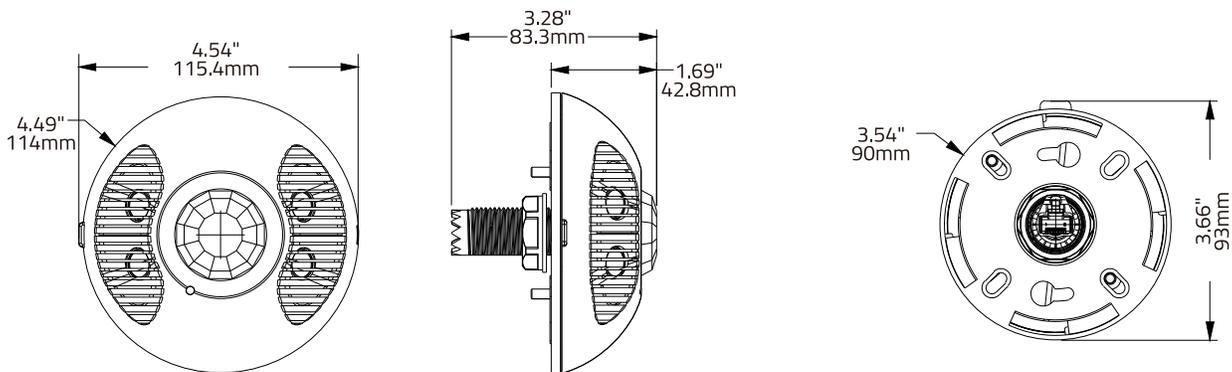
## Wiring



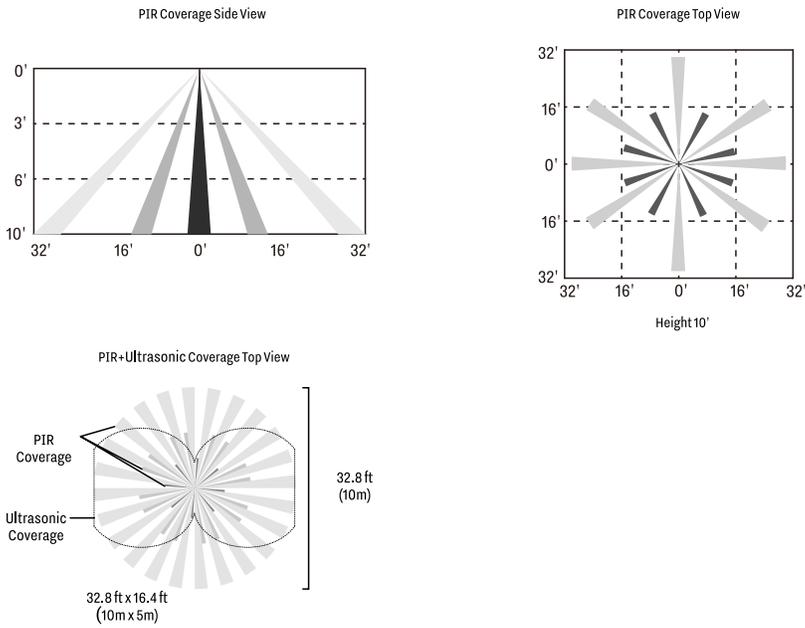
## Dimensions

Unit: inch/mm

### EFS107E.A0



## Coverage Pattern



## Product Label



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## App Download



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