

# DC Bluetooth High Bay Sensor

## Plug & Play Type



EFS106-BH4



EFS106-AUX



EFS106-Z10

mating receptacle(not included in the product package)



BH4



SC01-AUX



Zhaga-Z10



SC03-AUX



## FEATURES

The Keilton EFS106 series are designed for Luminaire Level Lighting Control (LLLC/NLC5) with integrated daylight harvesting and PIR motion sensors. SC01-AUX provide the sensor port for EFS106-AUX, which is designed for pre-installation in linear high bay or UFO high bay luminaires. EFS106 is a low voltage high bay sensor equipped with the **AlgoH™** algorithm to maximize detection for high bay applications up to 40 ft without false triggers.

- Plug and Play with Sensor Port Pre-installed
- Bluetooth Network Technology
- Design for High Bay applications
- **AlgoH™** algorithm enhance performance in high bay applications
- Analog Sensor Built-in
- Replaceable lens options
- 12V DC input
- Daylight harvesting available

## SPECIFICATIONS

Input Voltage: DC 12V  
 Input Current: 50mA Max  
 Input Power: 0.6W  
 Output Voltage: DC 10V  
 Output Current: 10mA Max  
 Output Power: 0.1W  
 Dimming: Class 2, 0-10V DC 10mA Max  
 Sinking Current: 10mA Max

Bluetooth Transmit: 100ft Max  
 Radio Frequency: 2.4GHz ± 75MHz  
 Bluetooth Version: 4.2  
 Housing Material: UL 94-5VA,  
 Indoor / Outdoor Use  
 Detection Range: 40-80ft  
 Mounting Height: 20-40ft  
 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: IP66  
 Color: White,Black,Brown  
 Warranty: 5 years warranty

Comply to UL8750, UL1376, RoHS

Compliant Standard Interfaces:

Zhaga book 18

Safety: cULus Listed LED Controller

E504054

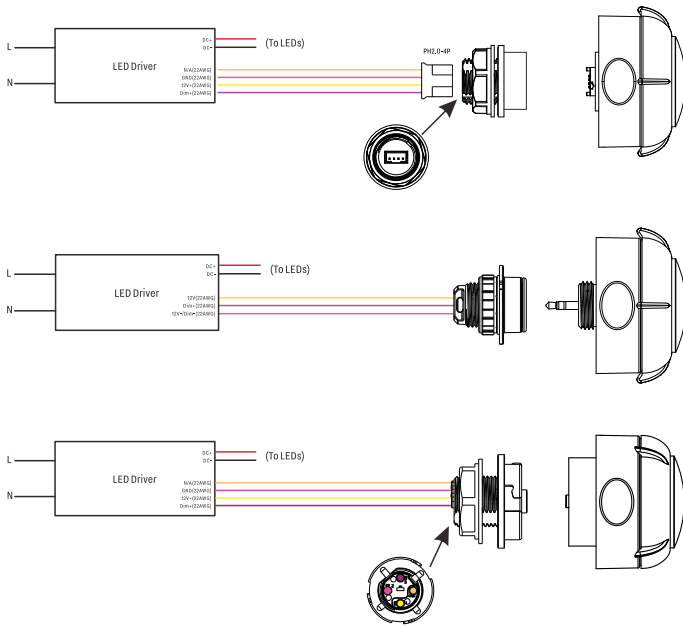
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DLC: NLTRC5KL0TN

MODEL	DESCRIPTION
EFS106-BH4	Fixture Integrated Network PIR&Daylight Harvesting Sensor- BH4 Base
EFS106-AUX	Fixture Integrated Network PIR&Daylight Harvesting Sensor- 3.5mm Audio Jack Base
EFS106-Z10	Fixture Integrated Network PIR&Daylight Harvesting Sensor - Zhaga Base

**WIRING**



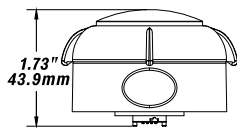
1/2 inch US standard knockout

AMERICAN INCH PRODUCTS		
Size	T.P.I	Major Dia.
R1/2	14	0.825

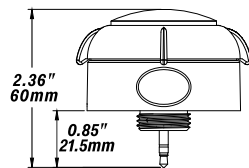
**DIMENSIONS**

Unit: inch/mm

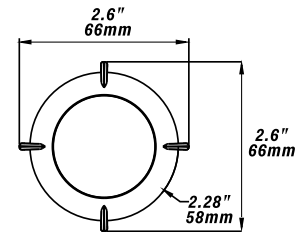
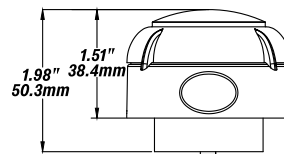
**EFS106-BH4**



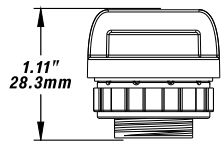
**EFS106-AUX**



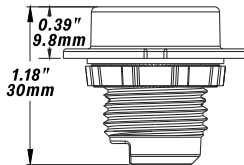
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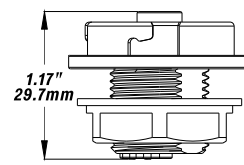
**BH4**



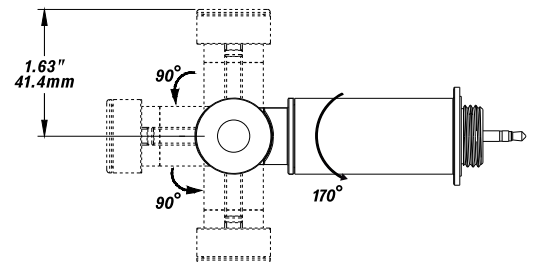
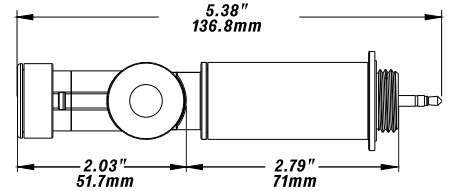
**SC01-AUX**



**Z10**



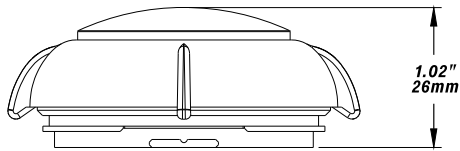
**SC03-AUX**



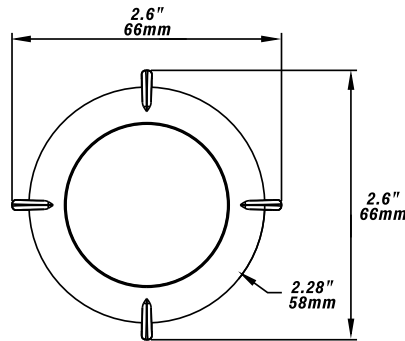
## DIMENSIONS

Unit: inch/mm

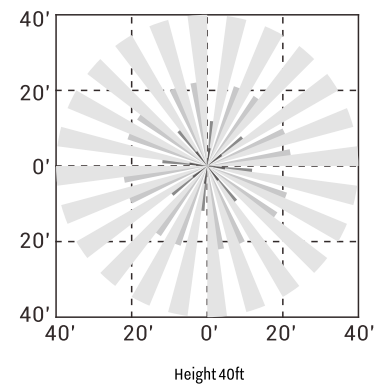
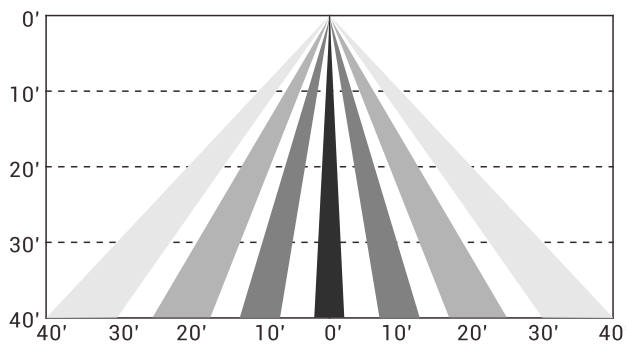
### HBL1



Coverage Side View

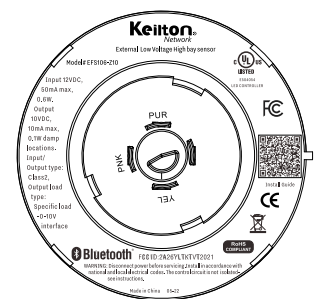
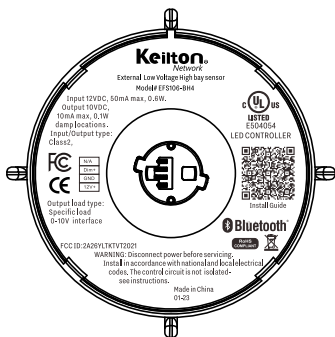


Coverage Top View



Height 40ft

## MARKING



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