

Keilton + autani

EFS104 Series

External Line Voltage High Bay Sensor



EFS104.A0
(Lens not included)



EFS104.B1/C1

Description

The AC High Bay PIR Sensor and Controller is compatible to other Keilton+autani Devices which utilize Bluetooth technology for reliable and secure wireless communication. EFS104 is equipped with **AlgoH²** algorithm to enhance detection without false trigger.

Features

- Designed for High Bay applications
- **AlgoH²** algorithm enhance performance in high bay application
- PIR Sensor Built-in
- Replaceable lens options (not included)
- 120-277V Line Voltage input (EFS104.A0/B1)
- 120-347V Line Voltage input (EFS104.C1)
- Daylight Harvesting
- Enhanced range antenna (EFS104.B1/C1)

Requirements

- Requires either a HBL1 or HBL3 lens (not included)

Specifications

Input Voltage	120-277VAC AC120-347VAC
Output Current	EFS104.A0: 10A Max EFS104.B1: 6A Max EFS104.C1: 6A Max
Output Power	EFS104.A0:1200W -2770W Max EFS104.B1: 720-1662W EFS104.C1: 720-2082W
Dimming	Class 2, 0-10V DC 10mA Max
Sinking Current	10mA Max
Bluetooth Transmit	200ft Max (EFS104.A0); 328ft Max (EFS104.B1/C1)
Radio Frequency	2.4GHz ± 75MHz
Bluetooth Version	4.2 (EFS104.A0), 5.0 (EFS104.B1 /C1)
Housing Material	UL 94-5VA
Detection Range	40-100ft
Mounting Height	20-50ft
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	IP40
Color	White
Warranty	5 year warranty
Compliance	UL8750, RoHS
Safety	FCC ID: 2A26YLTkTVT2022 DID: D061367 DLC: NLTRC5KL0TN

Accessories (not included in the product package)



EJ30



EJ50



HBL1



HBL3

Ordering Information - EFS104-W Series

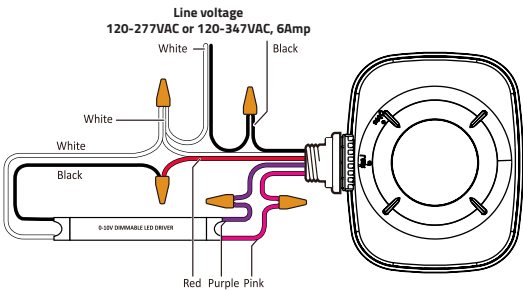
Model	Description
EFS104.A0	External Line Voltage High Bay Sensor (5.0 BLE) 120-277VAC
EFS104.B1	External Line Voltage High Bay Sensor (5.0 BLE) 120-277VAC, Extended Range BLE
EFS104.C1	External Line Voltage High Bay Sensor (BLE 5.0) 120-347VAC, Extended Range BLE

Ordering Information - Accessories

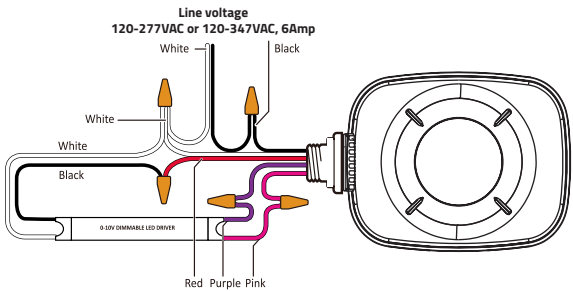
Model	Type	Description
HBL1-2	Lens	80' Diameter at 40' mounting height
HBL3-2	Lens	100' Diameter at 50' mounting height
EJ30	Adapter	30mm Extension Adapter
EJ50	Adapter	50mm Extension Adapter

Wiring

EFS104.A0



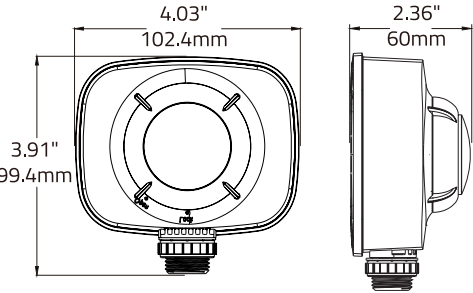
EFS104.B1/C1



Dimensions

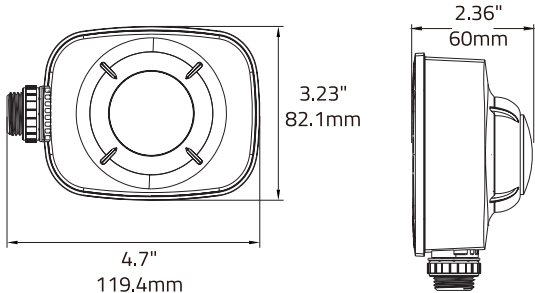
Unit:inch/mm

EFS104.A0



Lens not included

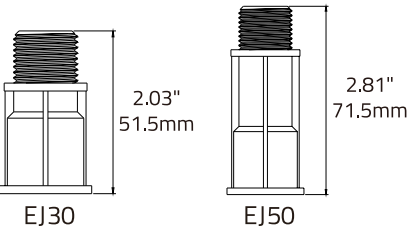
EFS104.B1/C1



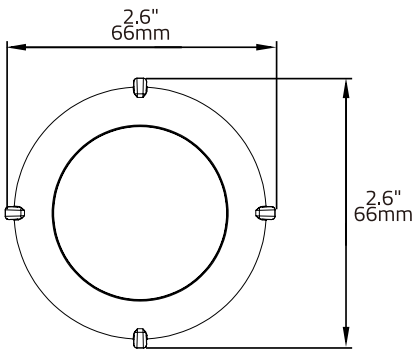
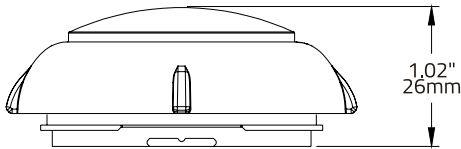
Lens not included

Dimensions - Accessories

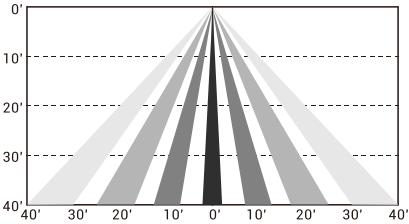
Unit:inch/mm



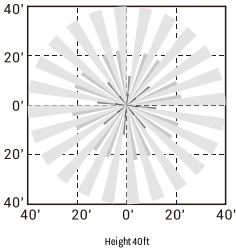
HBL1 **Note:** SOLD Separately



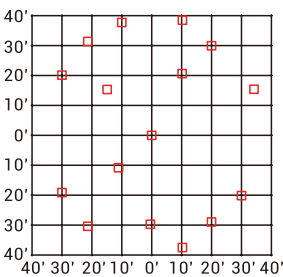
Coverage Side View



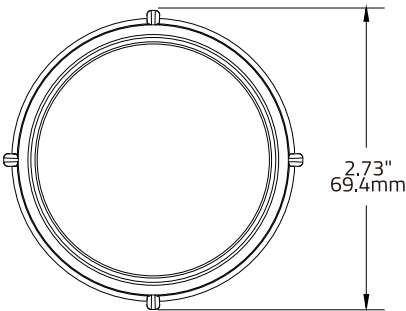
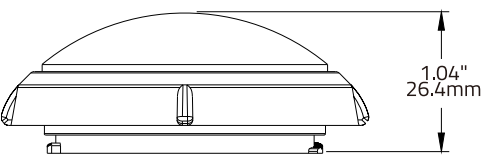
Coverage Top View



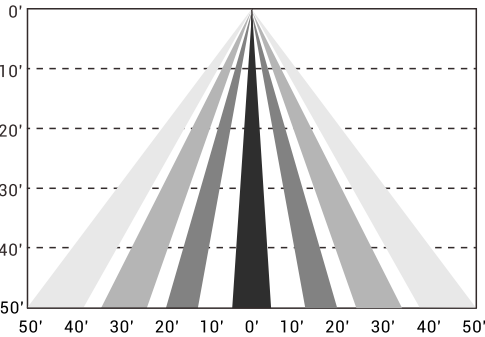
Detecting Spots For Ref



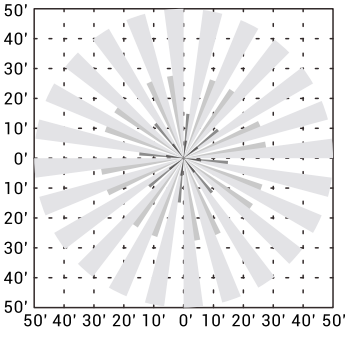
HBL3 **Note:** SOLD Separately



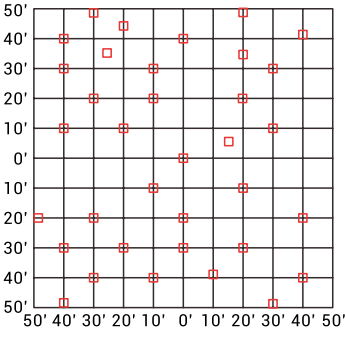
Coverage Side View



Coverage Top View



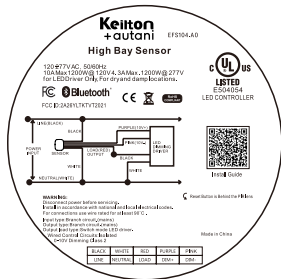
Detecting Spots For Ref



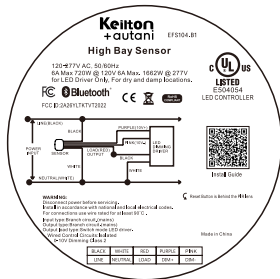
Height 50ft

HBL3 has more detected points than HBL1

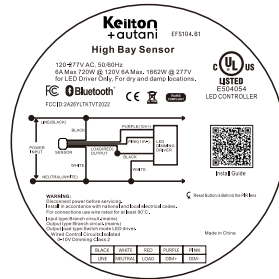
Product Label



EFS104.A0



EFS104.B1



EFS104.C1

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