Keilton®

HIGH BAY SENSOR-EFS104

DLC LISTED · c(UL)us LISTED · Bluetooth® · RoHS COMPLIANT · FC · LT24 SUPPORTS COMPLIANCE

MODELS

EFS104

SPECIFICATIONS AND FEATURES

Input Voltage:120-277V AC 50/60Hz

Maximun Load: 10A, 1200w Max for LED Driver Only

Comply to UL 1376,RoHs

Warranty: Five years warranty

IP rate: IP66

Op.temperature: -22˚F~131˚F (-30˚C~55˚C)

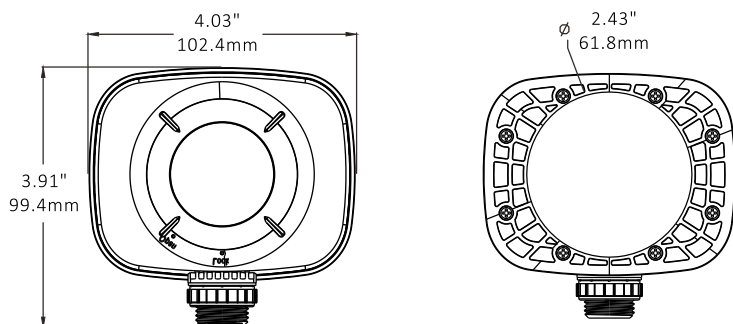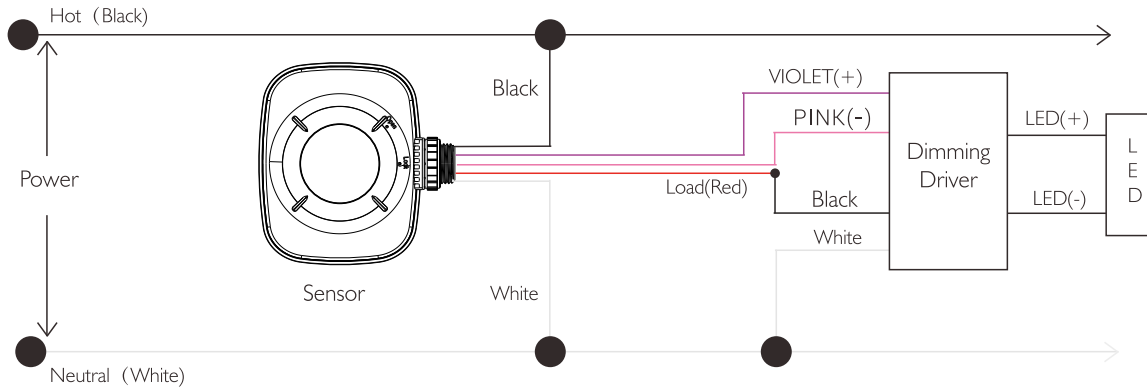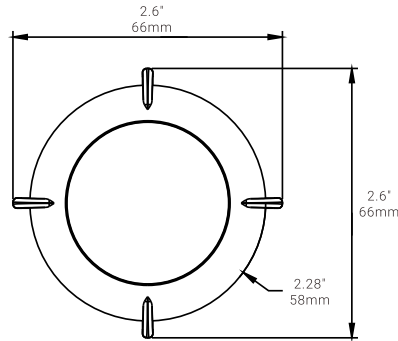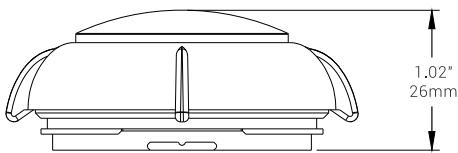Bluetooth transmit: 200ft

PRODUCT OVERVIEW

The Keilton AC High Bay PIR Sensor and Controller EFS104 that is compatible to other Keilton Devices which utilizes Bluetooth technology for reliable and secure wireless communication.Schedule can be programmed via Keilton app for IOS and Android. Passwordless Admin or guest access can be shared to others by QR code. IP65 rated for more applications. EFS104 equiped AlgoH algorithm to maximum the detection for High bay application up to 50ft without false trigger.

Features:

· Bluetooth Network Technology
· Design for High Bay applications
· AlgoH algorithm enhance performance in high bay application
· Analog Sensor Built-in
· Replacable lens options
· 120-277V Line Voltage input

DIMENSION

Unit:inch/mm

4.03"
102.4mm

3.91"
99.4mm

∅ 2.43"
61.8mm

MODEL	DESCRIPTION
EFS104	External Bluetooth Network Wireless Fixture Controller
HBL1	HBL1 High Bay Lens
HBL2	HBL2 High Bay Lens
MBL1	MBL1 Middle Bay Lens

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Bluetooth®

Keilton

Hot（Black）

Power

Neutral（White）

Sensor

Black

White

VIOLET(+)

PINK(-)

Load(Red)

Black

White

Dimming
Driver

LED(+)

LED(-)

L E D

HBL1

1.02"
26mm

2.6"
66mm

2.6"
66mm

2.28"
58mm

Coverage Side View

0'
10'
20'
30'
40'

40' 30' 20' 10' 0' 10' 20' 30' 40'

Coverage Top View

40'
20'
0'
20'
40'

40' 20' 0' 20' 40'

Height 40ft

WIRING

HBL2

0.67"
17mm

2.24"
57mm

Loose   Tight

Coverage Side View

0'
10'
20'
30'
40'
32' 24' 16' 8' 0' 8' 16' 24' 32'

Coverage Top View

32'
16'
0'
16'
32'
32' 16' 0' 16' 32'
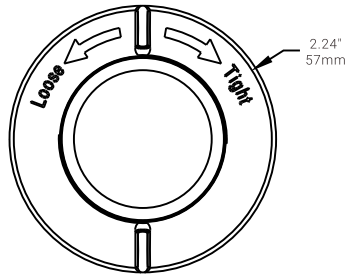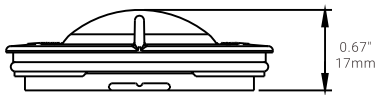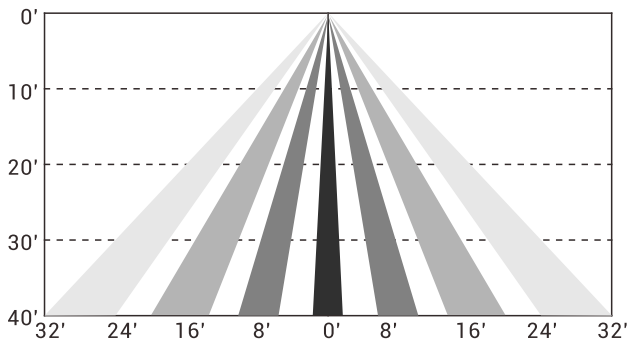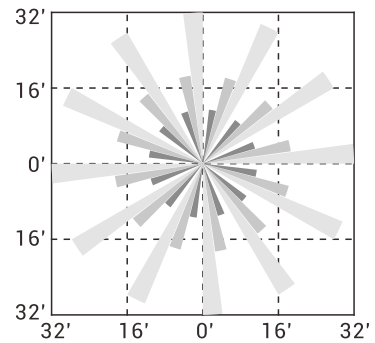
Height 40ft

MARKING

Keilton® EFS104
High Bay Sensor

120-277V AC, 50/60Hz
10A Max 1200W @ 120V 4.3A Max. 1200W @ 277V
for LED Driver Only, For dry and damp locations.

FCC Bluetooth®

FCC ID:2A26YLTKTVT2021

RoHS COMPLIANT

c UL us
LISTED
E504054
LED CONTROLLER

LINE(BLACK)
BLACK
PURPLE(10V+)
PINK(10V-)
LED DIMMING DRIVER
POWER INPUT
SENSOR
LOAD(RED) OUTPUT
BLACK
WHITE
WHITE
NEUTRAL(WHITE)

Install Guide

WARNING:
Disconnect power before servicing.
Install in accordance with national and local electrical codes.
For connections use wire rated for at least 90℃ .
Input type:Branch circuit.(mains)
Output type:Branch circuit.(mains)
Output load type:Switch mode LED driver.
Wired Control Circuits:Isolated
0-10V Dimming Class 2

Reset Button is Behind the PIR lens

Made in China

BLACK	WHITE	RED	PURPLE	PINK
LINE	NEUTRAL	LOAD	DIM+	DIM-