



TECHNICAL DATA

Input Voltage: AC120-277V
 Frequency: 50/60Hz
 Input Current: 8A Max
 Input Power: 960W @ 120V, 2216W @ 277V
 Output Voltage: AC120-277V
 Output Current: 8A Max
 Output Power: 960W @ 120V, 2216W @ 277V
 Dimming: 0-10V DC 10mA Max
 Sinking Current: 10mA Max

Bluetooth Transmit: 200ft Max
 Radio Frequency: 2.4GHz ± 75MHz
 Bluetooth Version: 4.2
 Housing Material: UL 94-5VA
 Detection Range: 32-80ft
 Mounting Height: 20-40ft
 Indoor/Outdoor Use
 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

Comply to UL8750, UL1376, RoHS
 Safety: cULus Listed LED Controller

DESCRIPTIONS

The BMS-L101-PIR-1BLE-KL-O is a luminaire integrated sensor for outdoor or high bay applications. The sensor can be equipped with either a high bay or mid bay lens to optimize detection depending on mounting height.

FEATURES

- Designed for Outdoor and High Bay applications
- Algorithm enhance performance in High Bay application
- Analog Sensor Built-in
- Replaceable lens options
- 120-277V Line Voltage input.
- Daylight Harvesting available
- Outdoor and Cold Temperature Rated

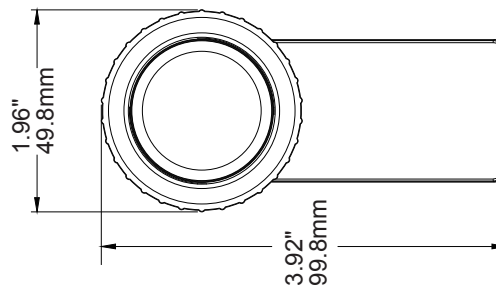
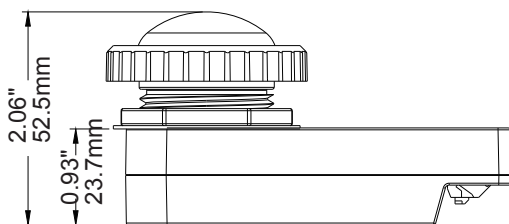
ORDERING INFORMATION

MODEL	DESCRIPTION
BMS-L101-PIR-1-BLE-KL-O	AC Powered Internal Network Wireless PIR & Daylight Harvesting Sensor
LS03-HB1-1.3-WH	HB1 High Bay Lens
LS03-MB1-1.3-WH	MB1 Middle Bay Lens

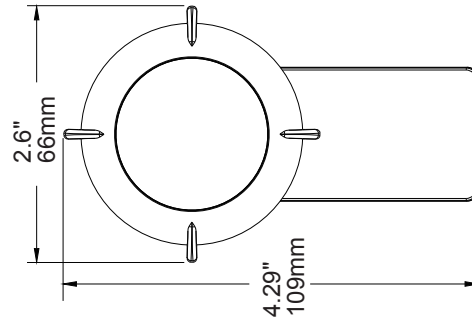
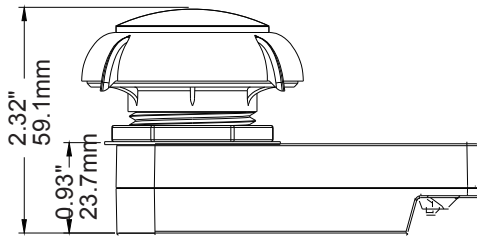
PHYSICAL DIMENSIONS

Unit: inch/mm

WITH MIDDLE BAY LENS



WITH HIGH BAY LENS



inch US standard knockout

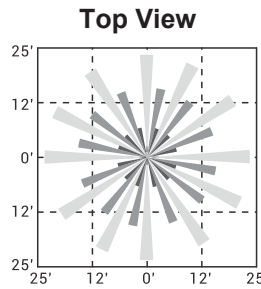
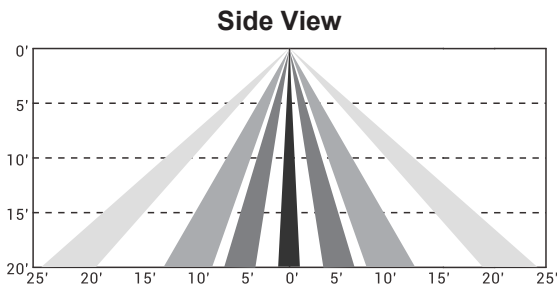
AMERICAN INCH PRODUCTS		
Size	T.P.I	Major Dia.
	inch	inch
R1	11	1.3

* It suits very common 1.30" knock out hole for OEM manufacturer pre-installation.

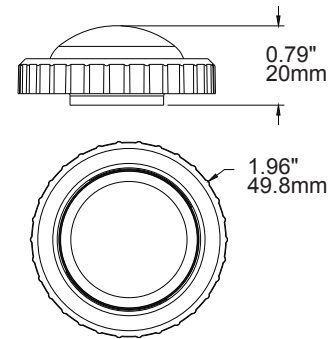
DETECTION AREA

Unit: inch/mm

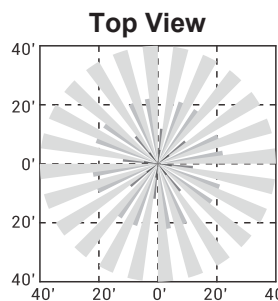
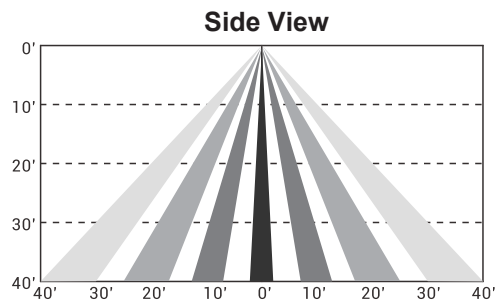
Middle Bay Lens



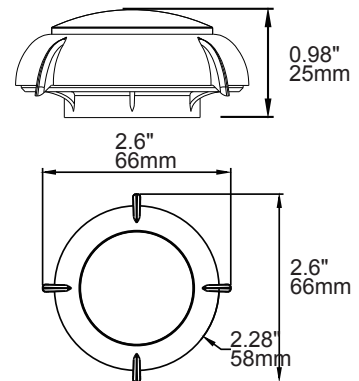
Max. Height 20ft



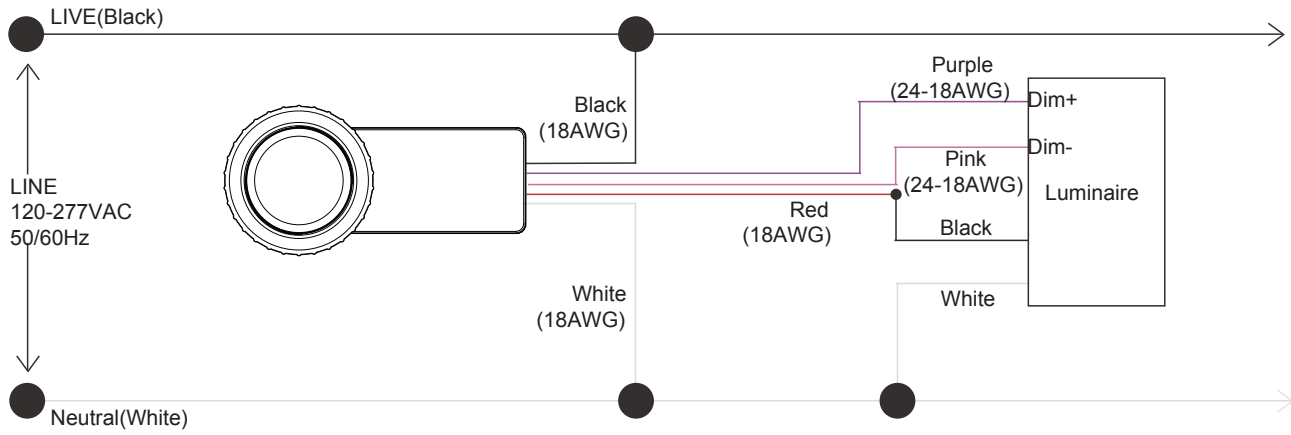
High Bay Lens



Max. Height 40ft



WIRING DIAGRAM



Ref#: 20240716

WARRANTY

Five year limited warranty.

Specifications subject to change without notice.