

# LE-MS3W-XX-AUX-HB1

LiteLogic External, Outdoor, PIR  
Motion Sensor with Daylight Harvesting

## DESCRIPTION

The LE-MS3W-XX-AUX-HB1 is a DC powered, external sensor for highbay and other indoor or outdoor luminaires. Equipped with LiteLogic wireless Bluetooth® mesh technology and a user-friendly interface that can be programmed within minutes using just your smartphone, automation becomes effortless, energy, labor and material costs are significantly reduced, and setting up lighting control becomes a breeze. LiteLogic sensors are easily installed on-site and are compatible with a variety of Trace-Lite fixtures. Equipped with highbay lens for mounting heights up to 40 feet.

## FEATURES & BENEFITS

- Includes LiteLogic wireless Bluetooth® mesh technology
- Mounting heights up to 40 feet
- Built-in analog PIR sensor
- Daylight harvesting option
- 3.5mm Audio jack base
- Suitable for indoor or outdoor use (IP65 rated)

## SPECIFICATIONS

### Electrical:

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

### Bluetooth:

- Transmit Range: 164' max
- Radio Frequency: 2.4GHz ± 75MHz
- Bluetooth Version: 4.2

### Sensor Details:

- Detection Range: 40'-80'
- Mounting Height: Up to 40'

### Construction:

- Housing: UL 94-5VA
- IP Rating: IP65, Wet Location
- Finish: Black or White
- Operating Temperature: -30°C to 55°C (-22°F to 131°F)
- Storage Temperature: -30°C to 85°C (-22°F to 185°F)

### Testing & Compliance:

- UL Listed LED Controller, complies to UL 8750, UL 1376, RoHS
- FCC ID: 2A26YLTKTVT2021
- DesignLights® Consortium Qualified Product

## ORDERING INFORMATION (Example: LE-MS3W-BL-AUX-HB1)

Model	Description
LE-MS3W-BL-AUX-HB1	Weatherproof Bluetooth PIR Motion Sensor with Daylight Harvesting, Black Finish, 12VDC, 3.5mm Audio Jack Base, with HB Lens For Up To 40' Mounting Height Lens
LE-MS3W-WH-AUX-HB1	Weatherproof Bluetooth PIR Motion Sensor with Daylight Harvesting, White Finish, 12VDC, 3.5mm Audio Jack Base, with HB Lens For Up To 40' Mounting Height Lens

### LiteLogic Accessories<sup>1</sup> (Order as separate line item)

LE-RECPTW-BL-AUX = Weatherproof Receptacle, Black Finish, 3.5mm Audio Jack Base	
LE-ADAPTERW-BL-AUX = Weatherproof Adjustable Side Mount Adapter, Black Finish, 3.5mm Audio Jack Base	
LE-RECPTW-WH-AUX = Weatherproof Receptacle, White Finish, 3.5mm Audio Jack Base	<b>Notes</b>
LE-ADAPTERW-WH-AUX = Weatherproof Adjustable Side Mount Adapter, White Finish, 3.5mm Audio Jack Base	<sup>1</sup> Order as separate line item for final installation in the field

Model: \_\_\_\_\_ Date: \_\_\_\_\_  
Accessories: \_\_\_\_\_  
Job Name: \_\_\_\_\_ Type: \_\_\_\_\_



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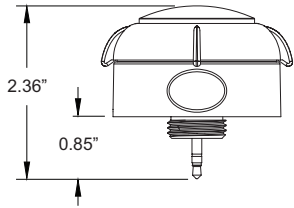
Get it from  
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### Warranty:

- Five year warranty (terms and conditions apply)

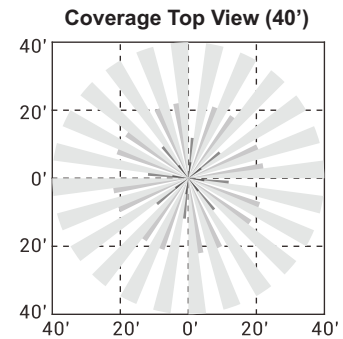
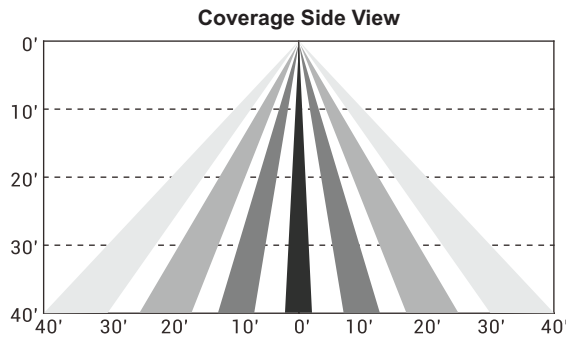
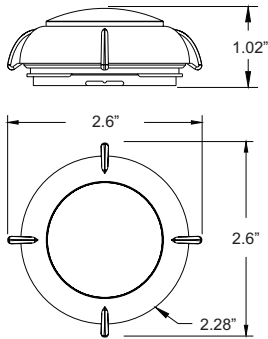
### Sensor Dimensions



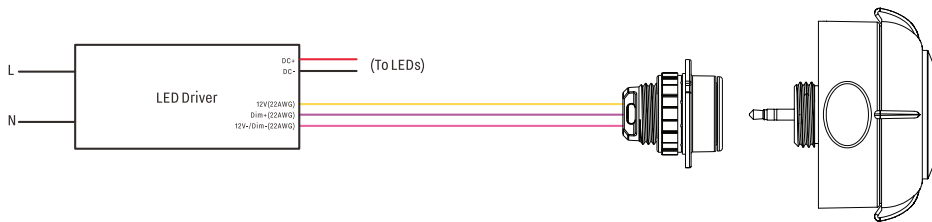
### Sensor Default App Settings (See app for setting customization)

Motion Sensor:	ON
Photo Sensor:	OFF
Delay Time 1:	20 Minute
Delay Time 2:	1 Minute
Dimming Level:	50%
Sensitivity:	100%
High Trim:	100%
Low End Trim:	1% or 10% (Depending on Product)
Daylight Minimum Dim:	Low End Trim
Occupancy/Vacancy Mode:	Occupancy
Linkage:	OFF
Linkage Level:	100%
Photocell ON Threshold:	50fc
Photocell OFF Threshold:	150fc

### Highbay Lens Details (HB1)



### Wiring Diagram



### Accessories



**Note:** Bluetooth sensor controls do not allow for CCT selection using app. CCT must be manually selected on/in the fixture if outfitted with CCT selectable feature.