TRACE★LITE®
BARRON
commercial & industrial lighting

Model:	_____	Date:	_____
Accessories:	_____		
Job Name:	_____	Type:	_____

DESCRIPTION

The LE-MS-ECO3 is a DC powered, integral sensor for lowbay and other indoor or outdoor luminaires. Used with the LE-C1 fixture controller, it provides LiteLogic wireless Bluetooth® mesh technology and a user-friendly interface that can be programmed within minutes using just your smartphone. LiteLogic sensors are easily installed on-site and are compatible with a variety of Trace-Lite fixtures. Equipped with lowbay lens for mounting heights up to 15 feet.

FEATURES & BENEFITS
• Must be used with LE-C1 fixture controller
• Mounting heights up to 15 feet
• Built-in analog PIR sensor
• Daylight harvesting option with control module
• Suitable for indoor use

SPECIFICATIONS

Electrical:
• Input Voltage: 12VDC
• Input Current: 45mA max
• Input Power: 0.5W
• Output Voltage: 10VDC
• Output Current: 10mA max
• Output Power: 0.1W

Sensor Details:
• Detection Range: 16'
• Mounting Height: 15'

Construction:
• Housing: UL 94-5VA
• IP Rating: IP20, for indoor use only
• Finish: 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

Warranty:
• Five year warranty (terms and conditions apply)

UL
5 YEAR WARRANTY

litelogic
LIGHTING CONTROLS

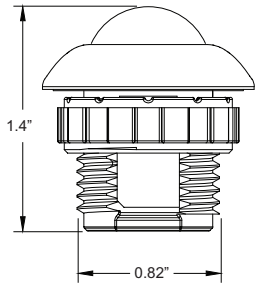Get it from the
App Store

Get it from
Google Play

ORDERING INFORMATION (Example: LE-MS-ECO3)

Model	Description
LE-MS-ECO3	PIR Motion Sensor with Daylight Harvesting, White Finish, 12VDC (Will not function without the use of LE-C1 fixture controller)

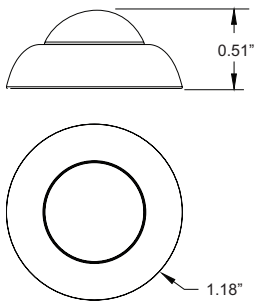10810421 Rev 1
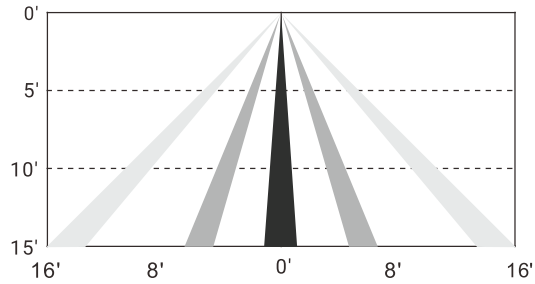
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Sensor Dimensions

1.4"

0.82"

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

Lens Details

0.51"

1.18"

Coverage Side View

Coverage Top View (15')

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