DATE: 11/30/2022 FIRMWARE: 220323 0x66-21 ERP CODE: 10.01296/10.01172
VERSION: 1.0 CATALOG#: C

LUMENATIV

DC Bluetooth High Bay Sensor

Plug & Play Type

EFS116-AUX

EFS116-Z10

SC01-AUX

SC01-OES

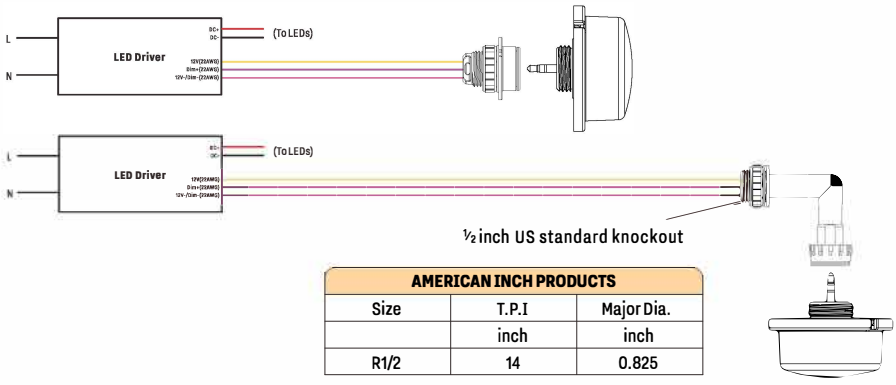
SC02-AUX

FEATURES

The Lumenativ EFS116 series designed for Luminiare Level Lighting Control (LLLC/NLC5) with integrated photocell and microwave sensors. Photocell threshold setting provides three different values for treshold On/Off. EFS116 allows machine learning to collect the current light level as treshold value. SC01 and SC02 provide sensor port of EFS116-AUX which is designed for pre-installation of the luminaires. EFS116 has been equiped AlgoH algorithm to maximum the detection range without false trigger.

- Plug and Play with Sensor Port Pre-installed
- Bluetooth Network Technology
- Design for High Bay application
- ***AlgoH™*** algorithm to enhance performance in high bay application
- High Power Microwave module built-in
- Waterproof
- Non-Touch magnet reset

WIRING



AMERICAN INCH PRODUCTS		
Size	T.P.I	Major Dia.
	inch	inch
R1/2	14	0.825

MODEL	DESCRIPTION
EFS116-AUX	3.5mm Audio Jack, Fixture Integrated Network Microwave & Photocell Sensor
EFS116-Z10	Zhaga twist lock, Fixture Integrated Network Microwave & Photocell Sensor
SC01-AUX	3.5mm Audio receptacle
SC01-OES	3.5mm Audio receptacle
SC02-AUX	3.5mm Audio 90° external adapter

SPECIFICATIONS

Input Voltage: DC 12V

Input Current: 45mA Max

Input Power: 0.5W

Output Voltage: DC 10V

Output Current: 10mA Max

Output Power: 0.1W

Dimming: Class 2, 0-10V DC 10mA Max

Sinking Current: 10mA Max

Bluetooth Transmit: 80ft Max

Radio Frequency: 2.4GHz ± 75MHz

Bluetooth Version: 5.0

Housing Material: UL 94-5VA,

Indoor / Outdoor Use

Detection Range: 40-80ft

Mounting Height: 20-40ft

Operating Temperature: -30℃ to 55℃,

-22℉ to 131℉

Storage Temperature: -30℃ to 85℃,

-22℉ to 185℉

IP Rating: IP66

Color: White, Black, Brown

Warranty: 5 years warranty

Comply to UL8750, UL1376, RoHS

Compliant Standard Interfaces:

Zhaga book 18

Safety: cULus Listed LED Controller

E504054

FCC ID: 2A26YLTKTVT2022

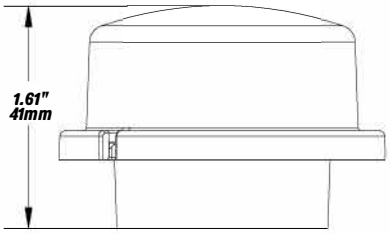
DID: D061367

DLC: NLTRC5KL0TN

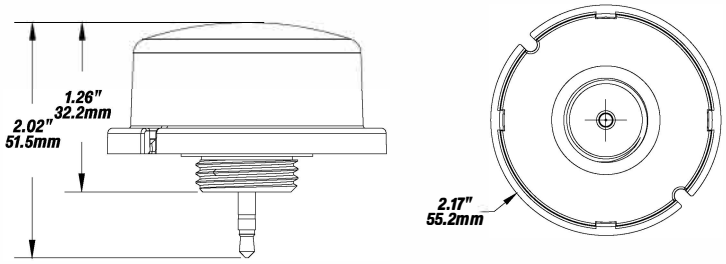
DIMENSIONS

Unit:inch/mm

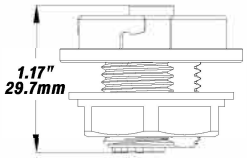
EFS116-Z10



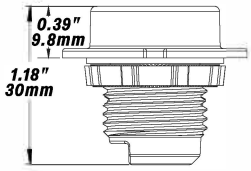
EFS116-AUX



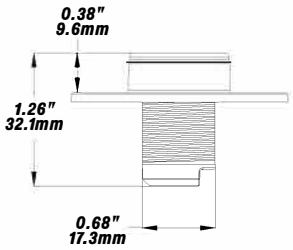
Z10



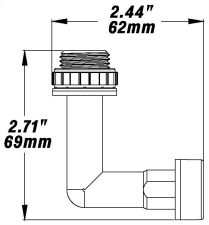
SC01-AUX



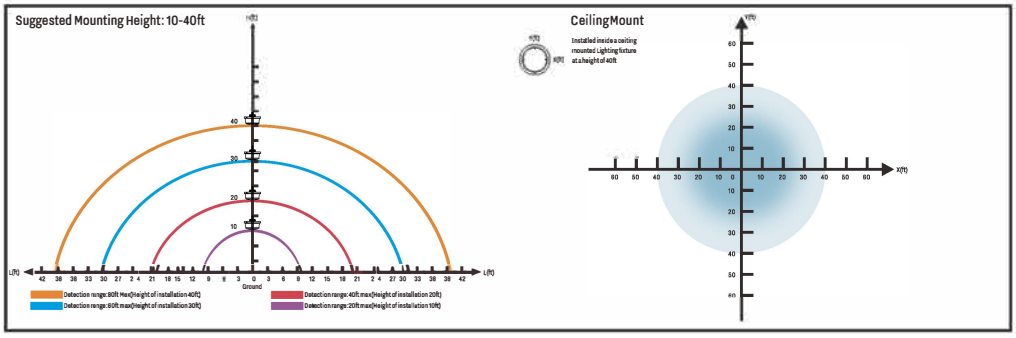
SC01-OES



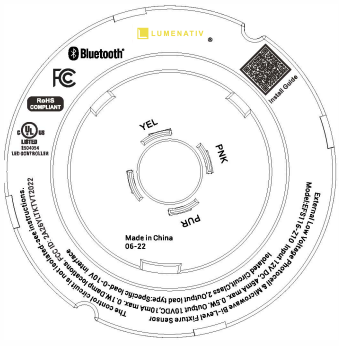
SC02-AUX



COVERAGE



MARKING



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