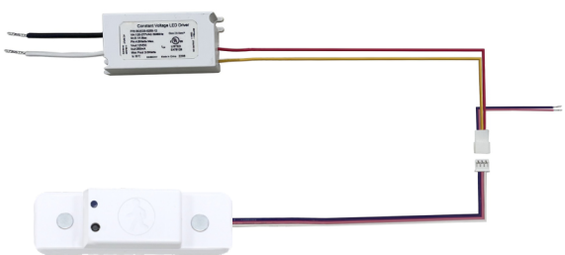
E2 Lighting International Inc.

Project Name: _____ Catalog Number: _____

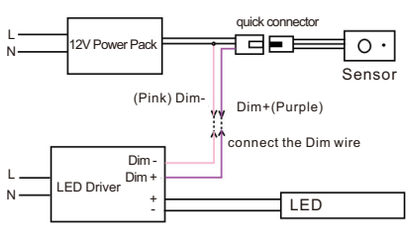
Notes: _____ Fixture Schedule: _____

Smart Control System Microwave Sensor

E2-PP02



12V Power Pack with Sensor Connection



E2 Lighting Smart Control Overview

The E2 Lighting Bluetooth lighting control provides automated individual and group control of light fixtures using on sensors and Bluetooth sigmesh technology.
The E2-PP02 is mounted in an indoor lighting fixture and provides multi-level control solutions based on motion and/or daylight harvesting systems.

Features

- Lighting controls meet design lights consortium (DLC) networked lighting control system technical requirements
- Quick connect and adjust different sensor angles.
- Easy commissioning with SL Solution App (Available in IOS)
- Bluetooth network
- Individual addressability and/or grouping.
- Time clock scheduling for individual lights, groups or scenes.
- Multi-level Dimming: manual ON/OFF, automatic ON/OFF, and automatic partial ON/OFF.
- 5 Year Warranty.

Specifications

Model Number	E2-PP02	Description	Network Node Rectangular, White
Operating Voltage	120-277Vac,50-60Hz	Maximum Load	5A, 60W Max. for LED driver only
Sinking Current	Max. 25mA	Control Output	Single -channel 0-10V output signals
Radio Frequency	2.4GHz ± 75MHz	Wireless Standard	BLE 4.2 MESH IEEE 802.15.1
Programming	SL Solution App mobile app(IOS)	Cybersecurity	UL 1376
Encryption	AES 128-bit	Mesh Range	100ft node-to-node and 50ft node-to-device (Commissioning)
Safety	cULus Listed	FCC	FCC ID:
Operating Temperature	-40°F - +138°F (-40°C - +50°C)	Color	White

Applications

Ideal for retrofit applications with existing 1-10V LED luminaires:

- LED Panel
- Down Lights
- Pendant Lights
- Low Bays/High Bays
- Track Lighting

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Microwave LED Fixture Mounted Smart Controller DC Lighting Controller

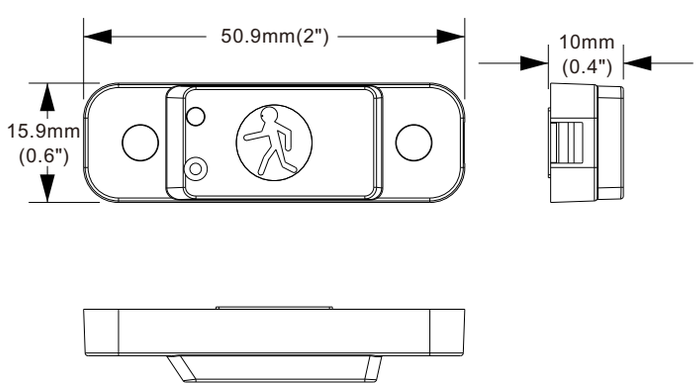
Product Description

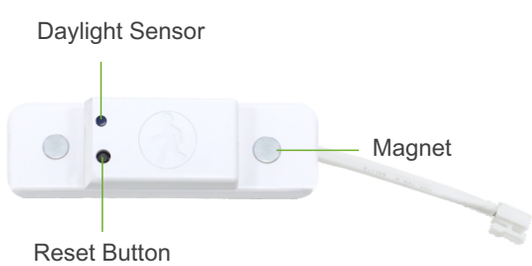
- Magnetic strip-microwave controller
- Wiring Bluetooth Mesh wireless ad hac network.
- Adjustable sensitivity microwave sensor.
- Photosensitive sensor to maintain constant illumination.
- Bluetooth control single-channel dimming
- Built-in magnetic installation

Features

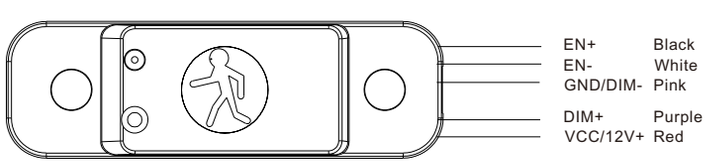
- Connect Bluetooth Mesh wireless ad hoc network
- Microwave sensor with adjustable sensitivity
- Light sensor to maintain constant illumination
- Bluetooth control single dimming
- IR infrared switch (with IR reset function)

Dimensions





Wiring



Specifications

Part No.	E2-PP02
Input Voltage	DC12V
Operating Current	150mA (max)
Communication Protocol	Bluetooth Mesh
Communication Frequency	2405-2480MHz
Photosensitive Range	10-1000Lux
Operating Temperature	-20°C~+60°C
Max. Launch Power	8dBm
Rx Sensitivity	-92dB
Max. Communication Distance	100m(328ft)
Mounting Height	＜6m(20ft) (Open environment)
IP Rating	IP 20

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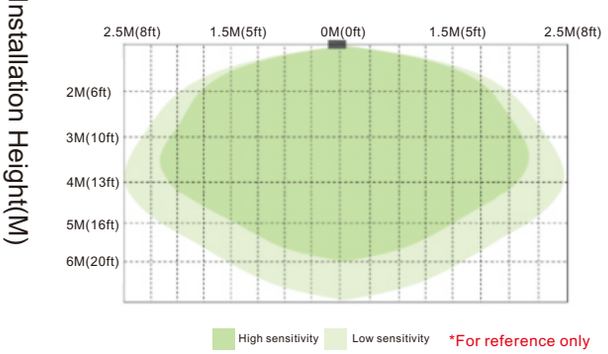
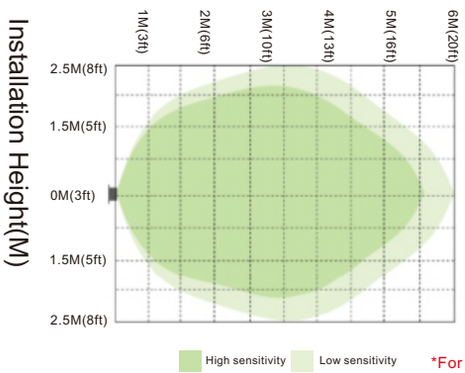
Sensor Detection Angle

Contest Installation Detection Range Map



*For reference only

Wall Installation Detection Range Map

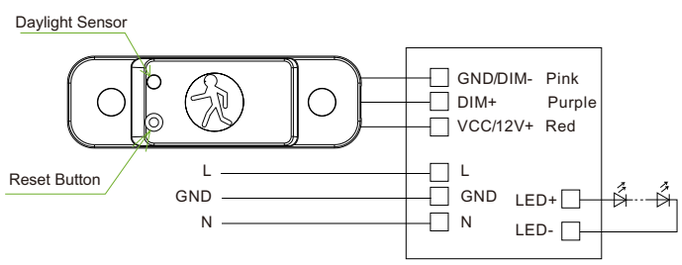


*For reference only

Wiring Circuit Diagram

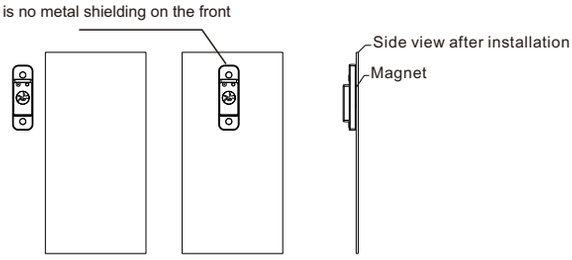
Notes: The IR remote controller can be aligned with the IR receiver for 5 seconds and then released to complete the module reset action. The switch function can be activated with a button press.

IR Remote control



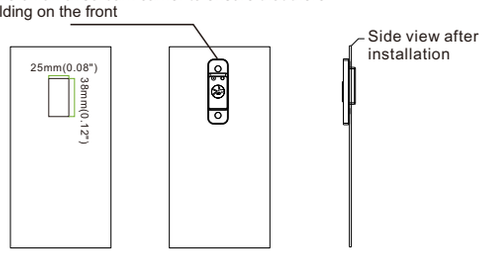
Install 1

Mount the module on an absorbant carrier to ensure that there is no metal shielding on the front



Install 2

Mount the module on an absorbant carrier to ensure that there is no metal shielding on the front



Installation carrier opening 38mm (0.12") *20.5mm (0.08")

Precautions for Installation

1. Before installing the Bluetooth module, turn off the circuit breaker switch at the power supply
2. Please do not install lamps and places with large metal shielding front

Important

1. We reserve the right to correct the technical parameters of necessary words and pictures
2. Do not disassemble or damage the product without permission or authorization, otherwise the guaranteed contract terms will become invalid immediately
3. The product should not be installed in places where the air flow will change suddenly, such as the air outlet of an air conditioner, the rotation position of the wind direction, etc

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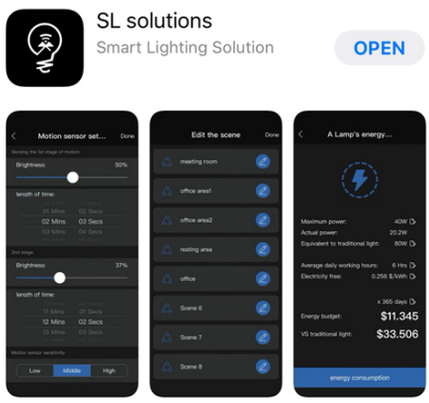
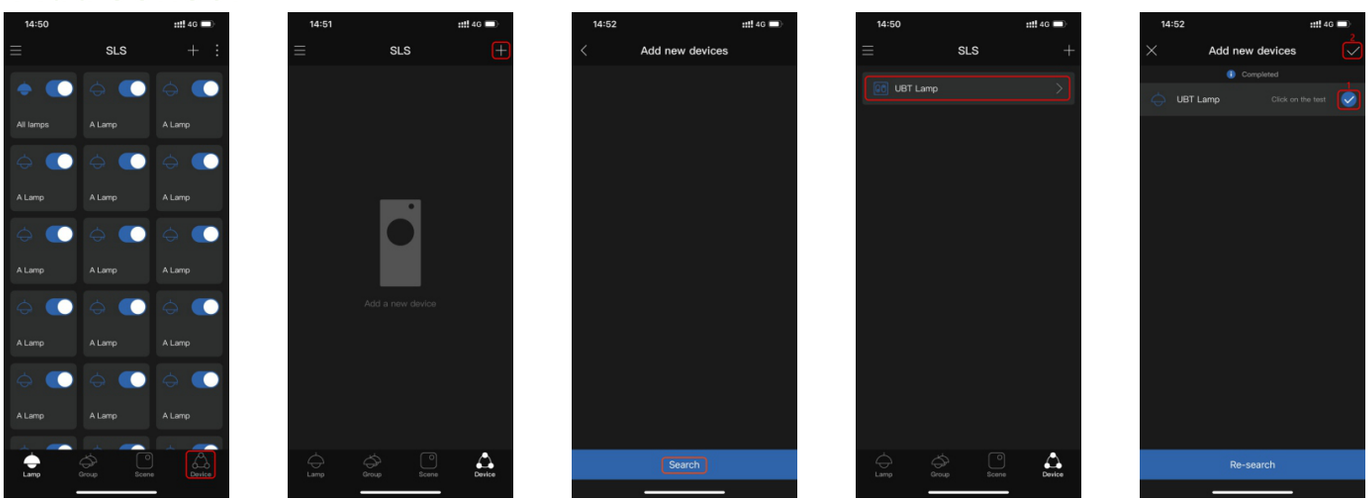
APP “SL Solutions”

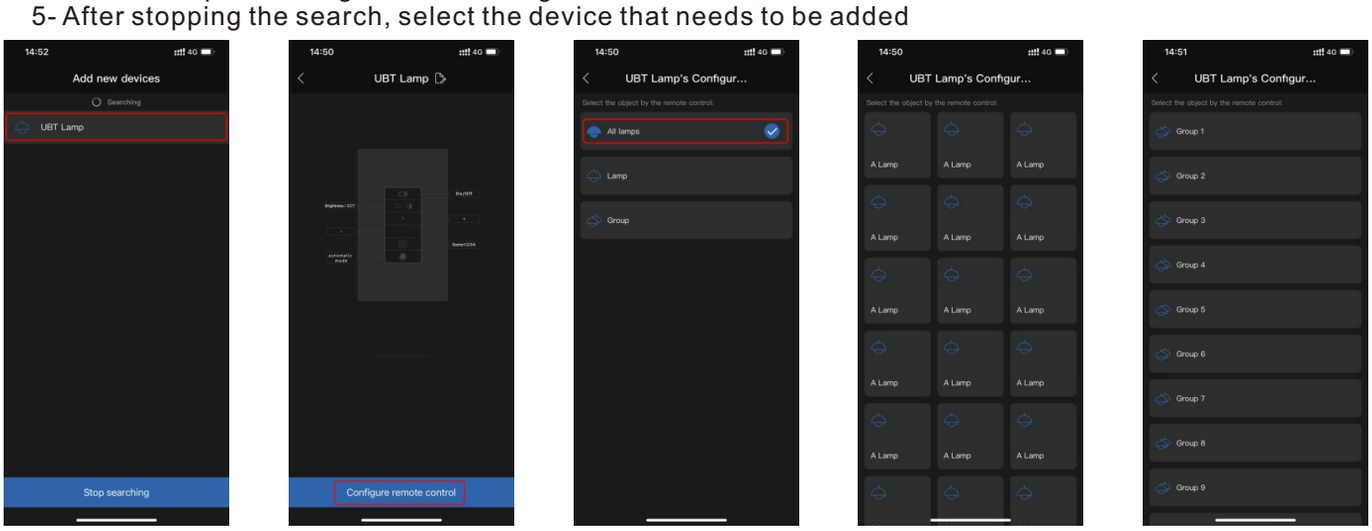


Downlond on the APP Store

Add sensor



1-Click accessories 2-Click add device 3-Click search
4- Click to stop searching after searching out the device
5- After stopping the search, select the device that needs to be added



6- Click on the added device to enter the configuration page
7-Enter the binding device page
8-Select the device to be bound, which can support binding group, all devices, or single light
9-Bind a single device page,
10-Bind group page

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