LED Description

LED Status	Description/Solution
LED not on	The sensor is not powered on. Check power and wiring
Blinking Green	The commissioned sensor has powered up and has detected motion. If there is no motion in the sensor's field of view, the blinking will stop. Wave your hands below the sensor to restart LED blinking.
Solid Green	The uncommissioned sensor has powered up successfully and completed the wiring test with no unexpected conditions – waiting for discovery.
Blinking Red	The uncommissioned sensor has powered up and completed the wiring test with one or more conditions unexpected of a typical LED fixture – waiting for discovery.
Solid Red	Faulty sensor – replace the sensor.
Solid Blue	Sensor received a request to identify itself.
Blinking Blue	The uncommissioned sensor powered up successfully, but the sensor is unable to detect an energy measurement device (CU or Driver), waiting for discovery.
Blinking Magenta	When the sensor is connected to a DALI emergency driver that is currently in the process of an emergency test or an emergency test pending.
Interrupted Green	Un-commissioned fixtureless sensors.

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Company Contact Information

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Model No:

SU-6S-2W-HRW: Ruggedized Sensor, 2-wire, High Bay, White

SU-6S-2W-LRW: Ruggedized Sensor, 2-wire, Standard, White

Product Code: SU-6S-2W-xRx-xxx
xRx: HRW, LRW
FCC ID: AQQ-SU6S
IC: 10138A-SU6S

Suitable for Use in Other Environmental Air Space (Plenums) in Accordance with Section 300.22, (C) of the National Electrical Code.
Purpose and Action of control: Type 1 Operating Control, accessory Photo Sensor.

This device complies with Part 15 of the FCC Rules and Innovation, Science and Economic Development Canada's license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation of the device.

Changes or modifications not expressly approved by Enlighted could void the user's authority to operate the equipment.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, ET (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Pour éviter la possibilité de dépasser les limites d'exposition aux radiofréquences FCC et ISED, la proximité humaine avec le radiateur ne doit pas être inférieure à 20 cm pendant le fonctionnement normal.

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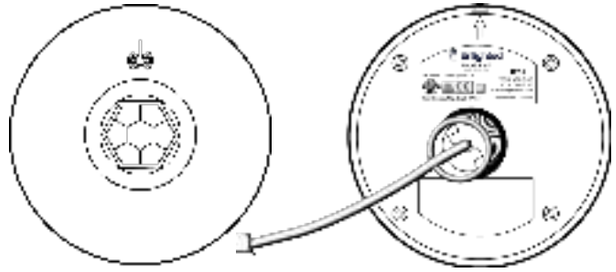
Ruggedized Sensor, 2-wire Install Guide



Ruggedized Sensor, 2-wire, (Front and Rear)

Shipped Components

- Ruggedized Sensor, 2-wire, SU-6S-2W-xRx
- ½" (13 mm) Lock Nut

Supplemental Components

- ½" (13 mm) LB Conduit Body
- ½" (13 mm) Chase Nipple

Tools you may Need

- ½" (13 mm) Knock out tool
- Wire Stripper

Caution

A qualified electrician must perform installation and maintenance under local, state, and national electrical codes (NEC) and requirements. For installations outside of North America, qualified personnel MUST confirm products powered by FELV circuits, such as some DALI installations, are properly installed and maintained in accordance with appropriate standards.

Warning

FELV circuits are not safe to touch.

- Isolate the circuits connected to any FELV source from the AC mains supply of the control gear.
- Ensure to protect the FELV circuit from any accidental contact.

- When installing the sensors, de-energize the FELV source and any AC main sources near the FELV.
- Place the sensors in a secure location, such as in the ceiling near a luminaire, with the cabling above the ceiling or within the luminaire.
- The NEC considers electrical equipment installed a minimum of 8 ft (2.5 m) off the floor to be suitably guarded against accidental contact.
- Circuits connected to any FELV control terminal must be insulated for the LV supply voltage of the control gear, and all terminals connected to the FELV circuit must be protected from accidental contact.

Installation

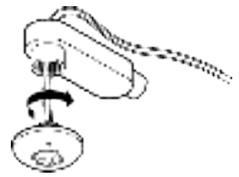
The Ruggedized sensor, 2-wire, is shipped with the cable attached to the sensor. The cable connection is compatible with 18AWG (0.75 mm^2) solid wires with 7-9 mm (0.28-0.35 inches) of stripped length. The sensor can be mounted to the fixture using a conduit body and chase nipple or locknut.

Step 1: De-energize the luminaire.

Mounting using the Conduit Body and Chase Nipple

Step 1: Remove the cover plate of the ½ inch (13 mm) LB conduit body by removing the two screws.

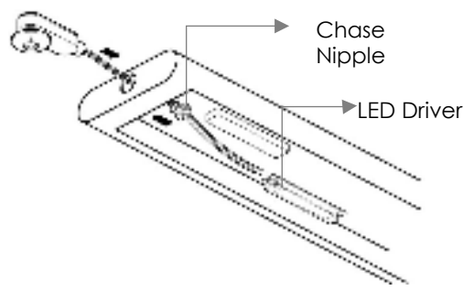
Step 2: Thread the Ruggedized sensor onto the LB conduit body.



Step 3: Replace the cover and two screws on the LB conduit body.

Step 4: Knock out a ½ inch (13 mm) hole on the end of the light fixture.

Step 5: Mount the 2-Wire Ruggedized Sensor LB conduit to the fixture by guiding the sensor cable through the knock-out and chase nipple into the fixture.



Step 6: Thread the chase nipple to securely connect the LB conduit to the fixture.

Mounting using the Locknut

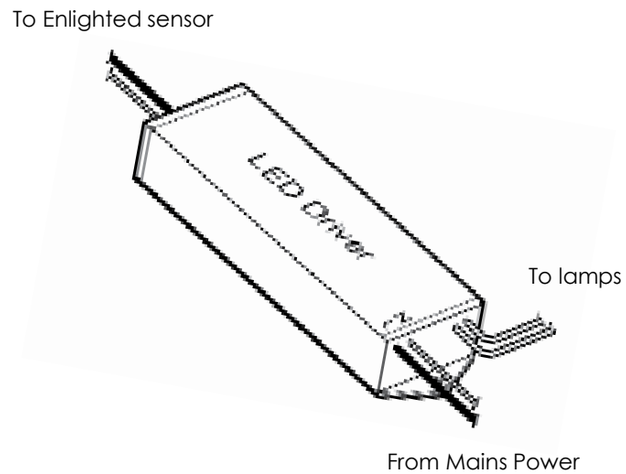
Step 1: Knock out a ½ inch (13 mm) hole on the bottom of the light fixture.

Step 2: Glide the sensor cable through the knockout of the fixture.

Step 3: Thread the locknut tightly to secure the sensor to the fixture.

Connecting the Sensor Cable to the LED Driver

Step 1: Insert the end of the pair of wires into the LED driver.



Step 2: Energize the luminaire and confirm that the green LED is on solid. Refer to the *LED Descriptions* on page 5.