Connecting the Sensor Cable to the Control Unit

Step 1: Connect one end of the sensor cable to the Control Unit (CU). For wiring connections from the Control Unit to the sensor, refer to the *Control Unit Installation Guide*.

Step 2: Connect the luminaire and confirm that the green LED is on solid.

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.
Interrupted Green	Uncommissioned fixtureless sensors.

Company Contact Information

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Model No. SU-6E
Product Code: SU-6E-8W-LR
Power: : 200mW
FCC ID: AQQ-SU6E
IC: 10138A-SU6E

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.

Low Bay Ruggedized Micro Sensor, 8-pin

Install Guide

Low Bay Ruggedized Micro Sensor

Shipped Components

- Low Bay Ruggedized Micro Sensor (SU-6E-8W-LR)

Supplemental Components

- Enlighted Sensor Cable
- Enlighted Control Unit

Tools you will Need
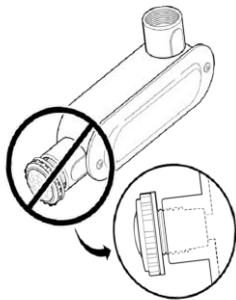
- Locknut (Optional)
- Flat blade screwdriver

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 conform to appropriate standards when installing and maintaining products powered by FELV circuits, such as some DALI installations.
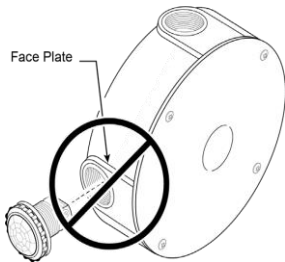
⚠️ **DO NOT use an HCMC to mount the sensor to a ceiling tile. The sensor needs to be secured with a locknut.**

⚠️ **DO NOT mount the sensor if the mounting accessory has the following defects:**

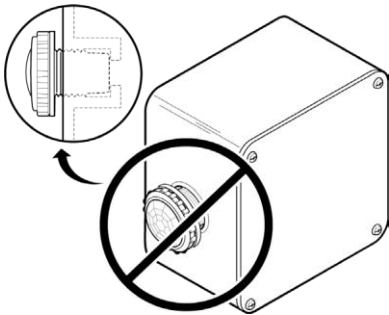• Knockout hole has a ridge inside that prevents the sensor from going all the way in.

• The mounting accessory faceplate does not have a large flat surface area for the sensor to fit snugly against.

• The sensor lens protrudes out and does not fit securely into the knockout hole.

• A gap exists between the washer and the surface of the mounting accessory.

⚠️ **WARNING:** When the sensor are installed incorrectly, it can cause water leakage, electrical shock, and the unit to fail.
To avoid the possibility of exceeding the FCC and ISED radio frequency exposure limits, human proximity to the radiator shall not be less than 20cm during normal operation.
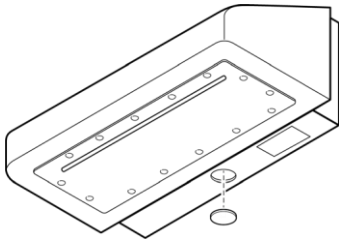
Installation Procedure

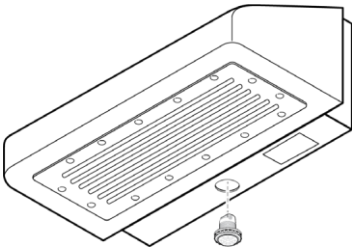Before proceeding with the sensor installation, make sure to *de-energize the luminaire*.

Note: The black bezel will be attached with the O-ring in place when you receive it. When using the white bezel, make sure that the O-ring is in place under the bezel.

Fixture Mount Sensor Installation

Step 1: Identify an outdoor fixture that has an industry standard ½" (12.7 mm) -13 threaded mounting hole to which the sensor is to be mounted.

Step 2: Insert the sensor through the mounting hole and thread the sensor until the washer makes contact with the fixture surface.
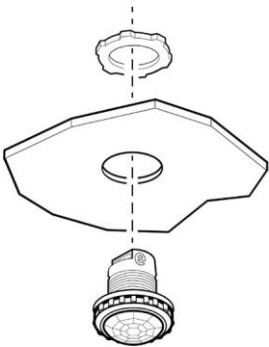
Step 3: Continue to tighten the sensor with a ¼ turn to make sure that the sensor fits in snugly to prevent water leakage.

Sheet Metal Sensor Installation

Note: For sheet metal mounting, the ½" Lock nut must be ordered separately.

Step 1: Drill a 7/8" (22mm) knock-out hole in the sheet metal.

Step 2: Insert the sensor through the knock-out hole with the lens facing down.

Step 3: Thread the locknut tightly from behind the sheet metal to secure the sensor to prevent water leakage.