

## 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:** Energize 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	Un-commissioned fixtureless sensors.

**Model No.** SU-5E-01

**Product Code:** SU-5e-xxx

xxx: IoT Note (IoT), Connected Lighting (CL), Independent Lighting/Enlighted One (IL)

**FCC ID:** AQQ-SU5E

**IC:** 10138A-SU5E



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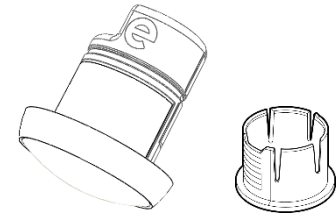
**Web:** enlightedinc.com

**DoCs:** <https://support.enlightedinc.com/hc/en-us/articles/360048261354-Regulatory-Compliance-Certification>

**Support Portal:** support.enlightedinc.com



## Micro Sensor, 8-pin Install Guide



Microsensor and carrier

### Shipped Components

- Enlighted Micro Sensor, 8-pin, (SU-5e)

### Supplemental Components

- Enlighted Sensor Cable
- Enlighted Control Unit

### Tools you may Need

- 7/8" Drill bit (1/2" knock out trade size)
- Hand drill

## Caution

Installation and maintenance must be performed by a qualified electrician in accordance with local, state, and national electrical codes (NEC) and requirements.

## Installation Procedure

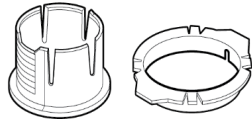
Before proceeding with the sensor installation, make sure to *de-energize the luminaire*.

**Note:** When replacing the white bezel with the black bezel, make sure the bezel is securely fastened in place so that the key is properly seated in the slot.

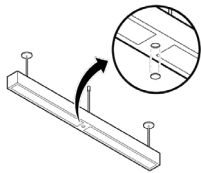
## Fixture Mount Sensor Installation

**Step 1:** De-energize the luminaire.

**Note:** For fixture mounting, use the fixture carrier and nut that is shipped with the sensor. The fixture mount can accommodate up to 0.25" thickness materials.

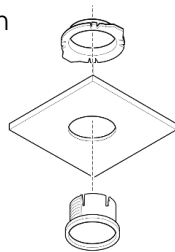


Fixture Carrier Nut



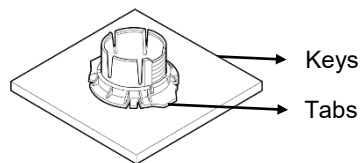
**Step 2:** Determine the location for the sensor in the fixture and cut a 1/2 inch (7/8" diameter) knockout in the fixture.

**Step 3:** Insert the fixture carrier through the hole in the fixture.

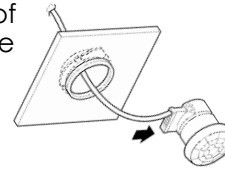


**Step 4:** From behind the fixture, align the tabs of the nut with the keys on the fixture carrier.

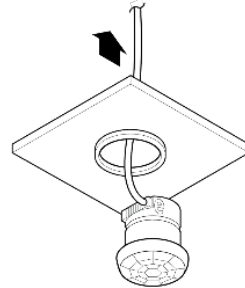
**Step 5:** Slide the tabs of the nut along the keys of the carrier to fasten the carrier.



**Step 6:** Insert the 8-pin end of the sensor cable through the carrier.



**Step 7:** Connect the 8-pin connector to the sensor.



**Step 8:** Guiding the wire from above, push the sensor into the carrier until it securely clicks into the carrier.

**Step 9:** Leave four inches of slack cable in the sequence loop to avoid pinching of the cable and to bring the sensor down if it needs to be replaced.

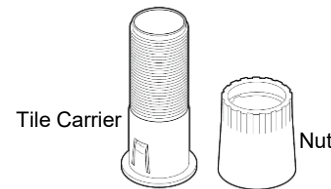
**Note:** Do not pull the cable forcefully as this might damage the cable or connector.

**Step 10:** See section *Connecting the Sensor Cable to the Control Unit* on Page 5.

## Tile Mount Sensor Installation

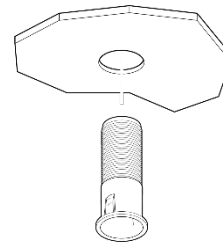
**Note:** For tile mounting, the tile carrier and nut must be ordered separately. The tile mount can accommodate up to 1.5" thick tiles.

**Step 1:** De-energize the luminaire.

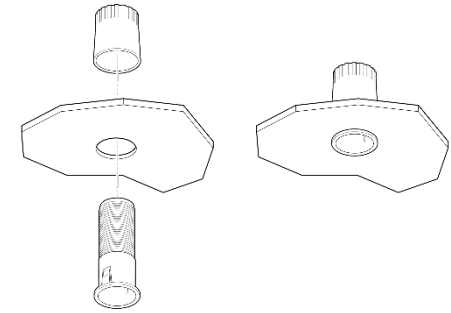


**Step 2:** Make a 7/8" diameter hole in the ceiling tile.

**Step 3:** Insert the tile carrier through the hole into the tile.



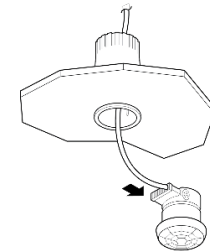
**Step 4:** Thread the plain end of the nut from behind the tile to secure the carrier.



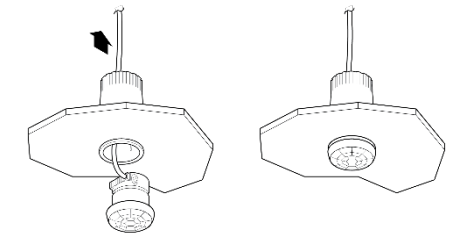
If the tile is thicker than normal, flip the nut and thread the ribbed end of the nut to secure the carrier.

**Step 5:** Insert the 8-pin end of the sensor cable through the carrier.

**Step 6:** Connect the 8-pin connector to the sensor.



**Step 7:** Guiding the wire from above, push the sensor into the carrier until it securely clicks into the carrier.



**Step 8:** Leave four inches of slack cable in the sequence loop to avoid pinching of the cable and to bring the sensor down if it needs to be replaced.

**Note:** Do not pull the cable forcefully as this might damage the cable or connector.

**Step 9:** See section *Connecting the Sensor Cable to the Control Unit* on Page 5.