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	Power issue or faulty sensor. 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 un-commissioned sensor has powered up successfully and passed the wiring test – waiting for discovery.
Blinking Red	The un-commissioned sensor has powered up and detected a wiring test issue. Check the wiring.
Solid Red	Faulty sensor – replace the sensor.
Solid Blue	Sensor received a request to identify itself.
Blinking Blue	The un-commissioned sensor was not able to detect an energy measurement device (Control Unit or Driver).

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

R 005-101515

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Company Contact Information

Location: 3979 Freedom Circle, #210,
Santa Clara, CA 95054
Phone: +1.650.964.1094
Web: enlightedinc.com
DoCs: https://www.enlightedinc.com/eu-docs/
Support Portal: support.enlightedinc.com

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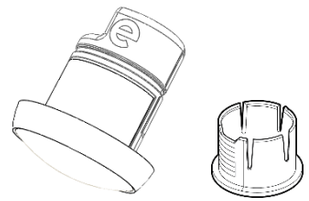
Micro Sensor, 8-pin Install Guide



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

93-02056-01 Rev.07 031021

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

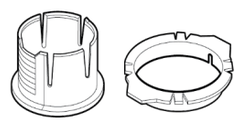
Before proceeding with the sensor installation, make sure to *de-energize the luminaire*.

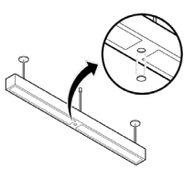
Note: When replacing the white bezel with the black bezel, make sure the bezel is securely fastened in place so that the key is properly seated in the slot.

Fixture Mount Sensor Installation

Step 1: De-energize the luminaire.

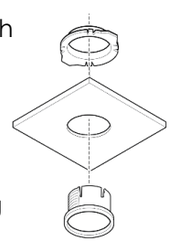
Note: For fixture mounting, use the fixture carrier and nut that is shipped with the sensor. The fixture mount can accommodate up to 0.25" thickness materials.





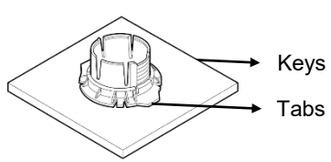
Step 2: Determine the location for the sensor in the fixture and cut a ½ inch (7/8" diameter) knockout in the fixture.

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



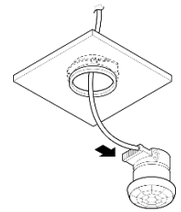
Step 4: From behind the fixture, align the tabs of the nut with the keys on the fixture carrier.

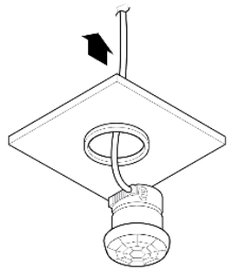
Step 5: Slide the tabs of the nut along the keys of the carrier to fasten the carrier.



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.

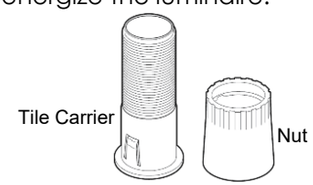
Note: Do not pull the cable forcefully as this might damage the cable or connector.

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

Tile Mount Sensor Installation

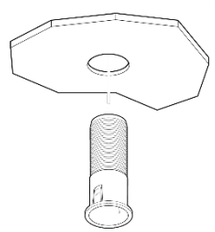
Note: For tile mounting, the tile carrier and nut must be ordered separately. The tile mount can accommodate up to 1.5" thick tiles.

Step 1: De-energize the luminaire.

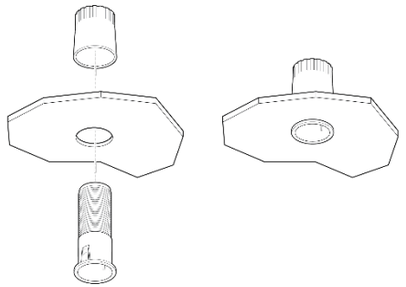


Step 2: Make a 7/8th diameter hole in the ceiling tile.

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



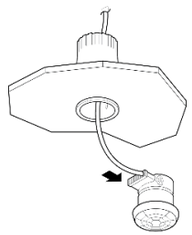
Step 4: Thread the plain end of the nut from behind the tile to secure the carrier.



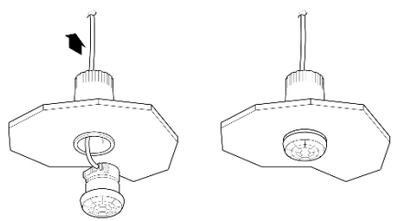
If the tile is thicker than normal, flip the nut and thread the ribbed end of the nut to secure the carrier.

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.