

## FCC and Industry Canada Compliance Information

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

This device complies with Part 15 of the FCC Rules and Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

- this device may not cause harmful interference, AND
- this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by Enlighted Inc. 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:

- l'appareil ne doit pas produire de brouillage, ET
- l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

## CE

This device complies with the essential requirements and other relevant requirements of the R&TTE Directive (1999/5/EC). The equipment is Class 1 radio equipment which can be placed on the market and be put into service without restrictions in accordance with article 1(3) of Commission Decision 2000/299/EC (Version July 2014).

**Model:** SU-4E

**No:** SU-4E-01

**FCC ID:** AQQ-SU4E01

**IC:** 10138A-SU4E01

# enlighted

## Technical Support

For questions regarding the installation or operation of this product, contact Enlighted

**Technical Support:** support@enlightedinc.com

## Company Contact Information

**Location:** 930 Benecia Ave, Sunnyvale, CA 94085

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## 6-wire Compact Sensor (SU-4E) Installation Instructions



Figure 1: Compact Sensor

## Shipped Components

- Enlighted Compact Sensor Unit

## Tools you may Need

- 1" Drill bit
- Hand drill

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## Caution

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

## Tile Mount Sensor Installation

Step	Description
1.	Switch off the circuit breaker supplying power to the light.
2.	Mount the Control Unit (CU) behind the ceiling tile or in a UL approved enclosure. Refer to the <i>Control Unit Installation Guide</i> .
3.	Connect the RJ-12 connector end of the Compact Sensor cable to the Control Unit. See Figure 5.
4.	<b>Note:</b> The sensor is designed to mount in a 15/16 <sup>th</sup> inch hole in the ceiling tile. Make a small circular cut in the ceiling tile.
5.	Pull the 6-pin end of the Compact Sensor cable through the hole in the tile. See Figure 2.
6.	Insert the end of the wire into the sensor's 6-pin connector. See Figure 2.
7.	Push the spring arms together and insert the sensor through the hole in the tile. See Figure 2.
8.	Turn the power on by switching on the circuit breaker.

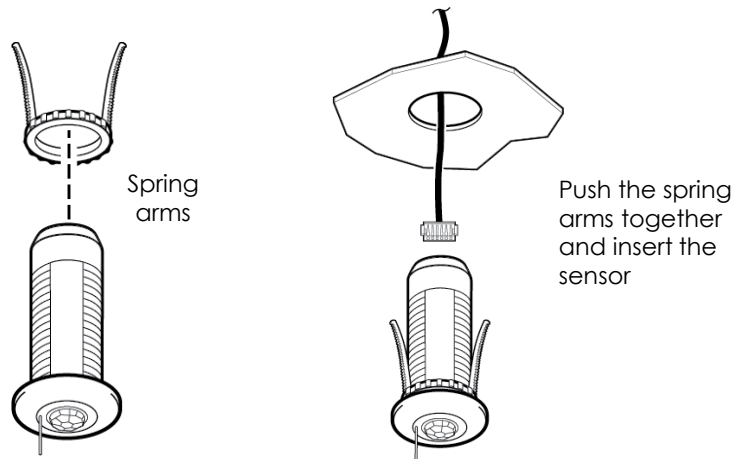


Figure 2: Tile Mount Sensor

## Fixture Mount Sensor Installation

Step	Description
1.	Switch off the circuit breaker supplying power to the light.
2.	Mount the Control Unit in the ballast cavity of the fixture or in a UL approved enclosure.
3.	Connect the RJ-12 connector end of the Compact Sensor cable to the Control Unit. See Figure 5.
4.	<b>Note:</b> The sensor is designed to mount in a ½ inch trade size knockout on a fixture. Determine the location for the sensor in the fixture and cut a ½ inch knockout in the fixture. See Figure 3.
5.	Unthread the spring arms from the Compact Sensor.
6.	Insert the Compact Sensor through the hole in the fixture. Use the spring arms from behind the sensor to fasten the Compact Sensor. See Figure 4.
7.	Insert the 6-pin end of the Compact Sensor cable to the 6-pin connector on the sensor.
8.	Turn the power on by switching on the circuit breaker.

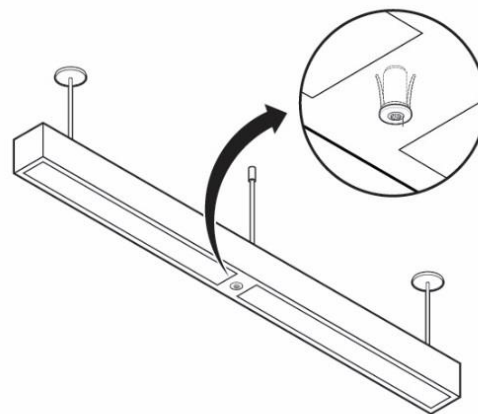


Figure 3: Sensor location in a fixture

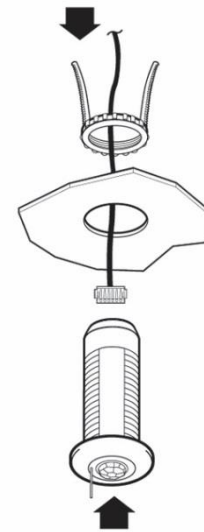


Figure 4: Fixture Mount Sensor

## LED Description

LED Status	Description/Solution
LED not on	Check power and wiring
Purple solid	All LEDs are on during boot time for 5-6 seconds
Green blinking	Sensor commissioned and working
Red blinking	Incompatibility between LED driver and sensor – Replace LED driver and if not resolved, replace sensor.
Red solid	Faulty sensor – replace sensor
Green solid	Sensor installed, initialized, and uncommissioned – waiting for discovery.
Blue solid	Image being upgraded or BLE Reset

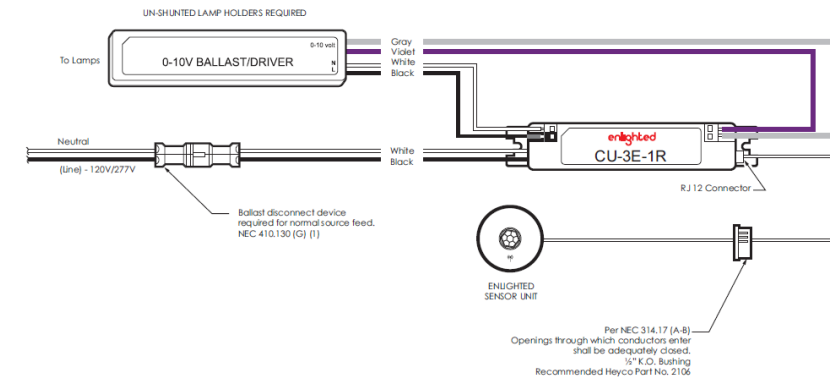


Figure 5: Wiring Connection