## 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).

CE

**Model:** CS-D2

**FCC ID:** AQQ-CS-D2

**IC:** 10138A-CSD2





## 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
**Phone:** +1.650.964.1094
**Web:** enlightedinc.com



# Compact Sensor (CS-D2) Installation Instructions

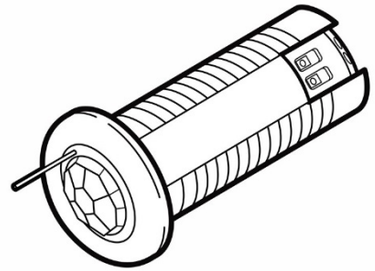

Figure 1: Compact Sensor (CS-D2)

## Shipped Components

- Enlighted Compact Sensor Unit

## Items you may Need

- Lock Nut for fixture mounting or
- Spring Arms for Tile mounting
- 18 AWG solid copper wire, rated >=300v

## Tools you may Need

- 1” Drill bit
- Hand drill
- Wire stripper

## 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 | The sensor is designed to mount in a 1-inch hole in the ceiling tile. This sensor is for use with the Philips XSR driver. |
| 3. | Make a small circular cut (one-inch) in the ceiling tile. Thread the spring arms around the sensor. |
| 4. | Measure the distance between the sensor's installation location and the LED driver's "SR connections,". Cut two lengths of 18 AWG solid wire that are at least this length plus one inch. Strip each end of the two wires leaving 3/8 inch of exposed wire. |
| 5. | Insert one end of the pair of wires into the LED driver's "SR connections" wire holes, (see Figure 5), and pull the other end through the hole in the tile. See Figure 2. |
| 6. | Insert the free end of the pair of wires into the sensor's wire hole. 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. |

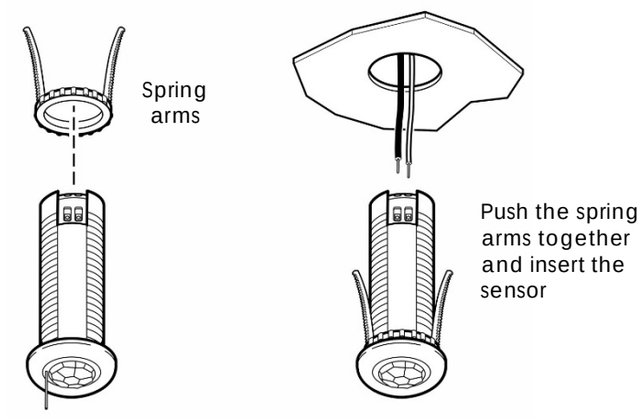


Figure 2: Tile Mount Sensor



## Fixture Mount Sensor Installation

| Step | Description |
|---|---|
| 1. | Switch off the circuit breaker supplying power to the light. |
| | The sensor is designed to mount in a ½ inch trade size knockout on a fixture. This sensor is for use with the Philips XSR driver. |
| 2 | Determine the location for the sensor in the fixture and cut an existing knockout (½ inch) in the fixture. See Figure 3. |
| 3 | Insert the compact sensor through the hole in the fixture. Use the lock nut from behind the sensor to fasten the compact sensor. See Figure 4. |
| 4. | Measure the distance between the sensor's installation location and the LED driver's "SR connections," and cut two lengths of 18 AWG solid wire that are at least this length plus one inch. |
| 5. | Strip each end of the two wires leaving 3/8 inch of exposed wire. |
| 6. | Insert one end of the pair of wires in the sensor's wire holes and the other end in the LED driver's "SR connections" wire holes. See Figure 6. |
| 7. | Turn the power on by switching on the circuit breaker. |

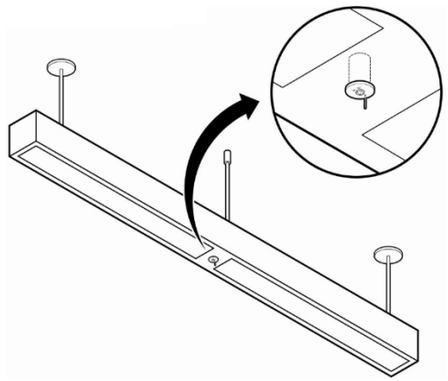

Figure 3: Sensor location in a fixture



## Troubleshooting

| Problem | Solution |
|---|---|
| LED not on | Check power and wiring |
| Solid red LED | Sensor fault – replace |
| Red blinking LED | Incompatibility between LED driver and sensor – replace LED driver and if not resolved, replace sensor |

**Note**: For any reason, if you need to remove the two wires, push down on the tabs located on the rear of the sensor with a pointed device, and remove the wires while continuing to hold the tab down.

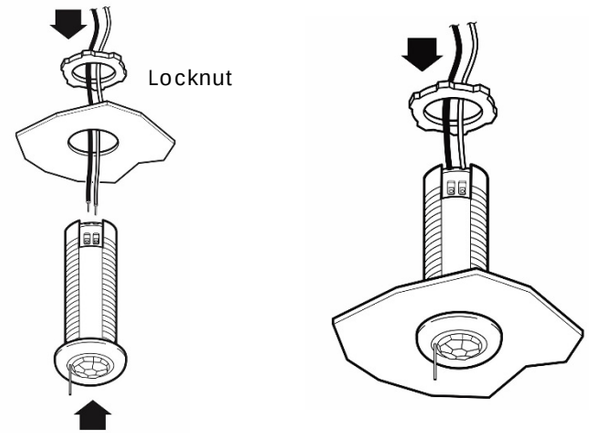


Figure 4: Fixture Mount Sensor

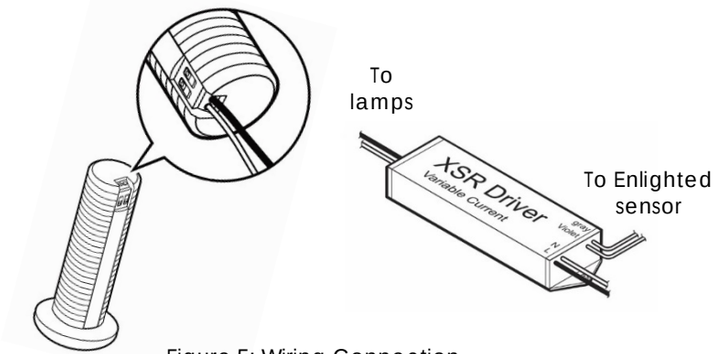


Figure 5: Wiring Connection