

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: FS-D22
FCC ID: AQQ-CS-D2
IC: 10138A-CSD2



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Technical Support

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

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**Fixture Mount Sensor
Model FS-D22
Installation Instructions**

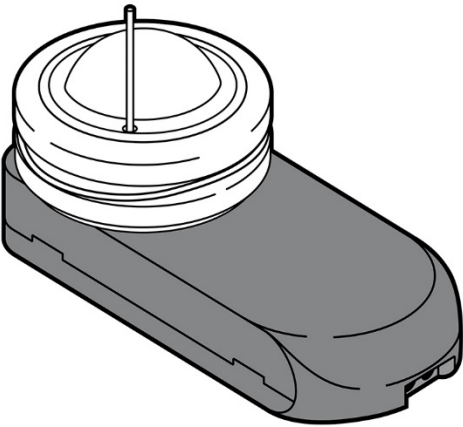


Figure 1: Fixture Mount Sensor FS-D22

Shipped Components

- Enlighted fixture mount sensor

Tools You May Need

- Wire stripper

Supplies You May Need

- 18 AWG solid copper wire, rated >= 300V

Caution

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

Installation Steps

Step	Description
1	Switch off the circuit breaker supplying power to the light fixture.
	The sensor is designed to mount in a ½ inch trade size knockout. (All parts of the sensor are inside the lighting fixture except for the outer ring.) (See Figure 2 and Figure 6). This sensor is for use with the Philips XSR driver.
2	Determine the location for the sensor in the fixture, and either remove an existing ½ inch knockout or cut a hole in the fixture. (See Figure 3).
3	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 1 inch.
4	Strip each end of the two wires leaving 3/8 inch of exposed wire. (See Figure 5)
5	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 4)
6	Remove the outer ring from the sensor by unscrewing it. Keep the spring washer and inner ring on the sensor and insert the whole assembly into the knockout that was cut out of the light fixture. Screw the outer ring back on the sensor. Tighten firmly, but do no over tighten. (See Figure 5). If you have a thick fixture, do not use the inner ring. Note: Make sure that the sensor antenna passes through the knock out and does not get caught in the rings or assembly.
7	Close the light fixture and restore power to the fixture.

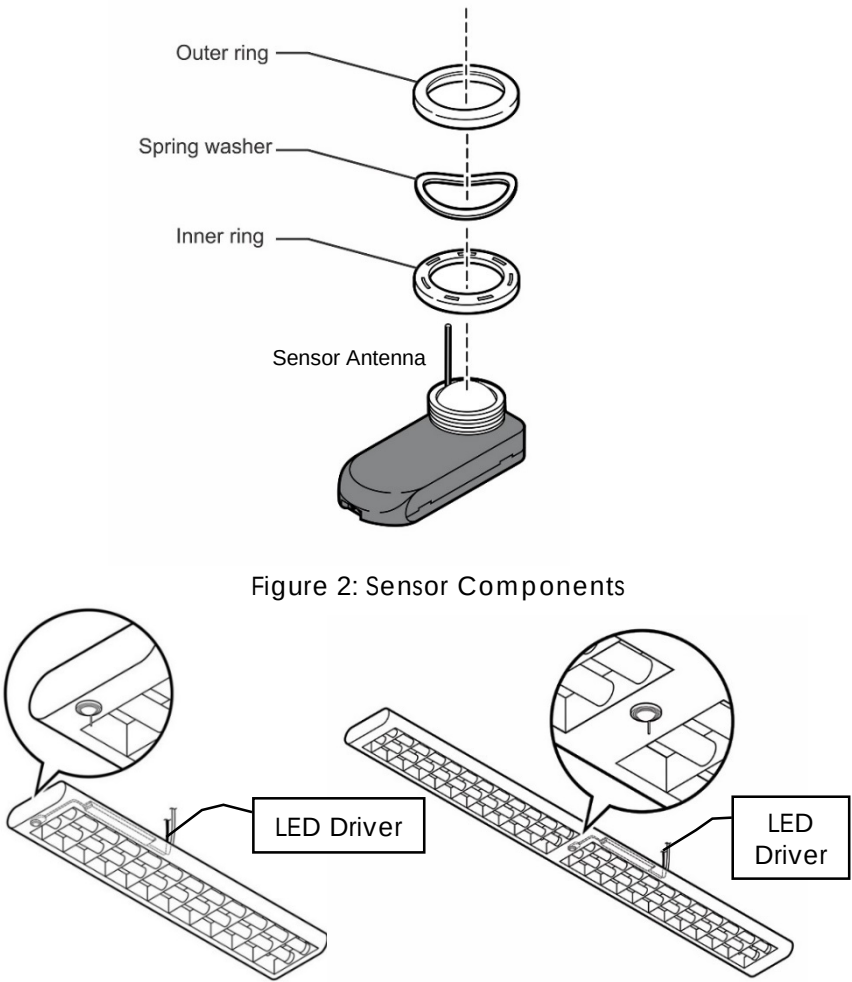


Figure 2: Sensor Components

Figure 3: Sensor locations in a fixture

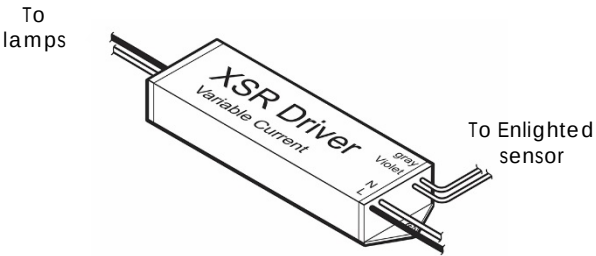


Figure 4: Wiring Connection

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 of the sensor with a pointed device, and remove the wires while continuing to hold the tab down.

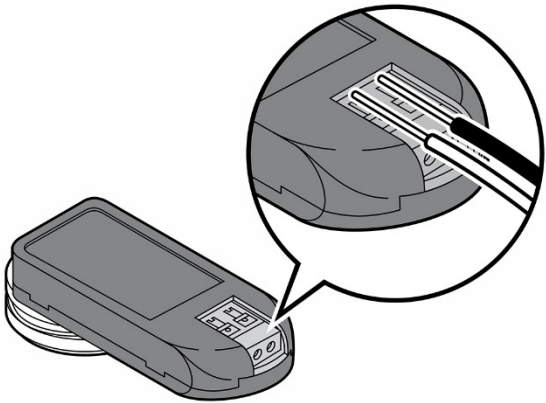


Figure 5: Wire stripping detail

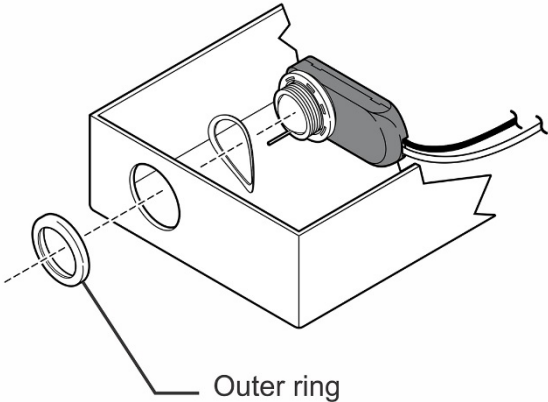


Figure 6: Sensor attachment to fixture