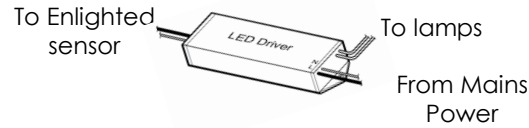


Connecting the Cable to the LED Driver

Step 1: Measure the distance between the sensor's installation location and the LED driver.

Step 2: Cut two lengths of 18 AWG solid wire (0.75 mm²) of the required length. Strip each end of the two wires leaving 5/16 inch (7.95 mm) of exposed wire.

Step 3: Connect the end of the pair of wires to the LED Driver.



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.
Blinking Magenta	When the sensor is connected to a DALI emergency driver that is currently in the process of an emergency test or an emergency test pending.
Interrupted Green	Un-commissioned fixtureless sensors.



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Company Contact Information

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Model No:

SU-5S-2W-H: High Bay Sensor, 2-wire

Product Code: Product Code: SU-5S-2W-H/SU-5S-2W-H-FL

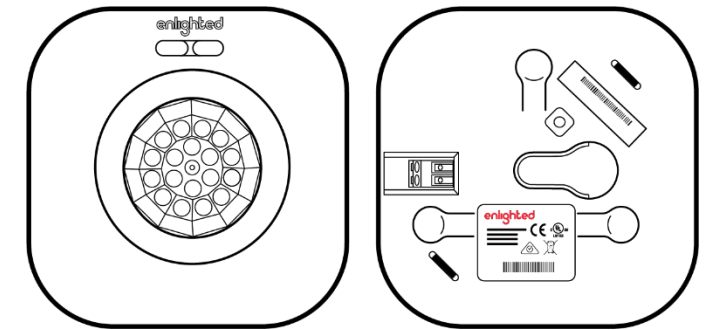
FL: Fixtureless

FCC ID: AQQ-SU5S

IC: 10138A-SU5S



High Bay Sensor, 2-wire Install Guide



High Bay Sensor, 2-wire, (Front and Rear)

Shipped Components

- High Bay Sensor, 2-wire, (SU-5S-2W-H), or High Bay Sensor, 2-wire, Fixtureless (SU-5S-2W-H-FL)
- Anchor Screw

Supplemental Components

- Adjustable Mounting Bracket: BRKT-SU

Tools you may Need

- Wire Stripper

Caution

A qualified electrician must perform installation and maintenance under local, state, and national electrical codes (NEC) and requirements. For installations outside of North America, qualified personnel MUST confirm products powered by FELV circuits, such as some DALI installations, are properly installed and maintained in accordance with appropriate standards.

Warning

 FELV circuits are not safe to touch.



- Isolate the circuits connected to any FELV source from the AC mains supply of the control gear.
- Ensure to protect the FELV circuit from any accidental contact.



- When installing the sensors, de-energize the FELV source and any AC main sources near the FELV.
- Place the sensors in a secure location, such as in the ceiling near a luminaire, with the cabling above the ceiling or within the luminaire.
- The NEC considers electrical equipment installed a minimum of 8 ft (2.5 m) off the floor to be suitably guarded against accidental contact
- Circuits connected to any FELV control terminal must be insulated for the LV supply voltage of the control gear, and all terminals connected to the FELV circuit must be protected from accidental contact.

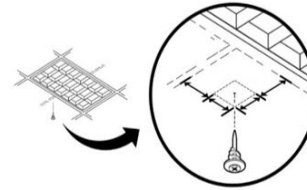
Installation

The High Bay sensor, 2-wire, can be mounted to ceiling tiles using an anchor screw or to pendant and industrial fixtures using the adjustable mounting bracket.

Mounting using an Anchor Screw

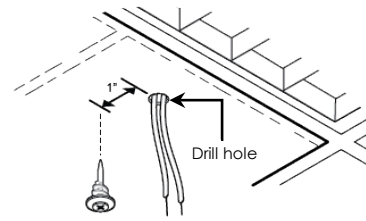
The High Bay sensor, 2-wire, should be mounted to the ceiling tile as close as possible to the lighting fixture.

Step 1: Determine the location of the sensor. Push and rotate the anchor screw to the tile at that location.

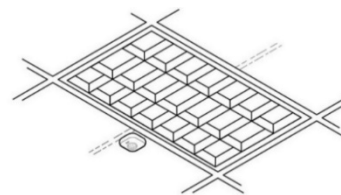
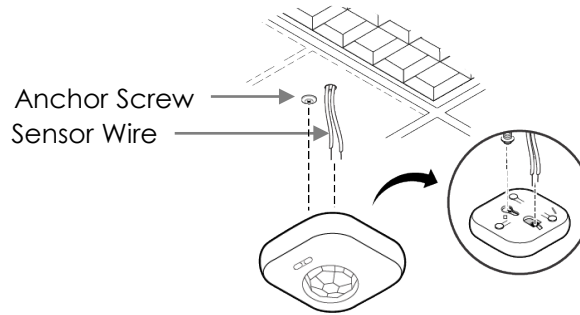


Step 2: See section *Connecting the Sensor Cable to the LED Driver* on Page 5 before proceeding further.

Step 3: Select a place near the anchor screw for the pair of wires from the LED driver to exit. Make a small cut in the ceiling tile for the wire to exit.



Step 4: Connect the other end of the wires to the push in connector seen at the bottom of the mounting sensor using an anchor screw.



Step 5: Align the anchor screw with the slot provided on the sensor bottom. Slide the sensor onto the screw head.

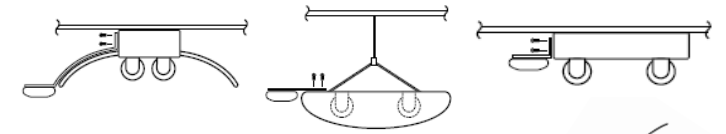
Step 6: Slip the excess sensor wire up into the plenum area and adjust the ceiling tile to the original position.

Step 7: Energize the luminaire and confirm that the green LED is on solid.

Mounting using Adjustable Mounting Bracket

The sensor can be mounted to pendant and industrial fixtures using the mounting bracket.

Step 1: Determine the mounting location of the sensor on the fixture. To ensure that the view of the sensor is not obstructed by the fixture, level the sensor to the bottom of the fixture and provide enough clearance from the fixture. See examples below.

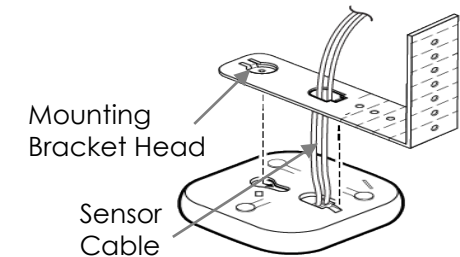


Step 2: Bend the adjustable mounting bracket to the required shape. Fasten the bracket to the fixture using two #8 screws (5/32 of an inch or 0.16" in thread diameter or 4 mm thread diameter).



Step 3: See section *Connecting the Sensor Cable to the LED Driver* on Page 5 before proceeding further.

Step 4: Connect the other end of the pair of wires from the LED driver to the bottom of the sensor.



Step 5: Slide the sensor onto the head of the mounting bracket.

Step 6: Secure the sensor cable to the bracket or fixture using cable ties, electrical tape, clips, etc., as appropriate for the installation.

Step 7: Energize the luminaire and confirm that the green LED is on solid.

