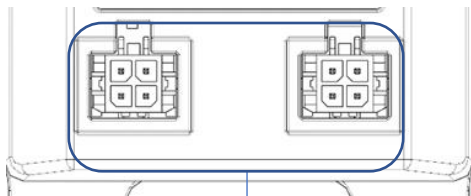


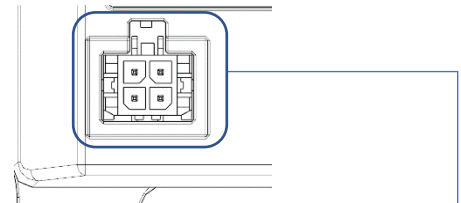
# CoreSync In-Fixture Sensor



## INSTALLATION INSTRUCTIONS



4-pin Micro Fit 3.0 Connector  
for CoreSync Bus IO  
42-57 VDC + RS485 Data Line



**ONLY INPUT, NO OUTPUT**

4-pin Micro Fit 3.0 Connector  
for CoreSync Bus 42-57 VDC  
+ RS485 Data Line

Order No.	Description
1820911000	CoreSync Fixture Sensor, Standard
1820901000	CoreSync Fixture Sensor, Highbay

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### IMPORTANT SAFETY INSTRUCTIONS. SAVE THESE INSTRUCTIONS

#### 1. CAUTION AND WARNING

- **CAUTION** – Observe precautions for handling electrostatic sensitive devices.
- **WARRANTY** – Voided if device has been modified from its original configuration or in the event of hot plug/hot swap.
- **WARNING** – Risk of Electric Shock. Do not handle energized module with wet hands or when standing on wet or damp surfaces.
- **DO NOT DISASSEMBLE THE IN-FIXTURE SENSOR**
- **DO NOT** connect the CoreSync Harness when Gateway is energized
- **DO NOT** handle energized unit with wet hands or when standing on wet or damp surfaces.
- Suitable for damp locations.
- Do not use outdoors.
- Use only with Class 2 Power Unit – 60VDC maximum.
- Conforms to UL 916 standards – Certified to CSA standard C22.2 NO. 205.
- Maximum temperature of 55°C ambient.
- Input: UPoE voltage range of 42-57V.
- For CSA, device is intended to be installed in a restricted access area.

**IN\_FIXTURE SENSOR MUST BE INSTALLED BY A CORESYNC CERTIFIED TECHNICIAN AND QUALIFIED ELECTRICIAN  
(CHECK WITH LOCAL AND NATIONAL CODES FOR PROPER INSTALLATION)**

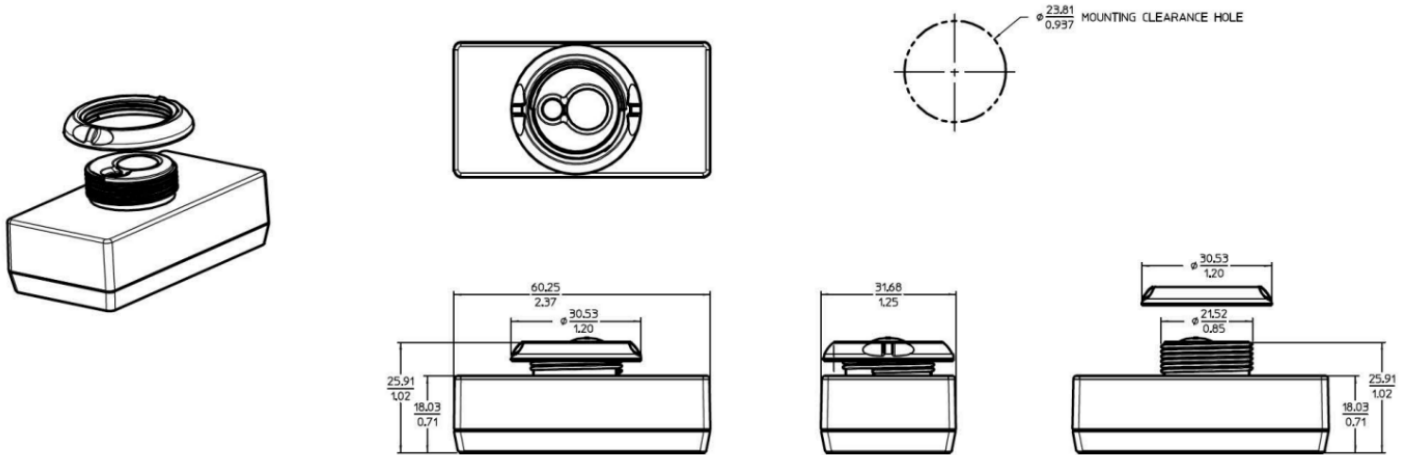
## INSTALLATION INSTRUCTIONS

### 2. Procedures

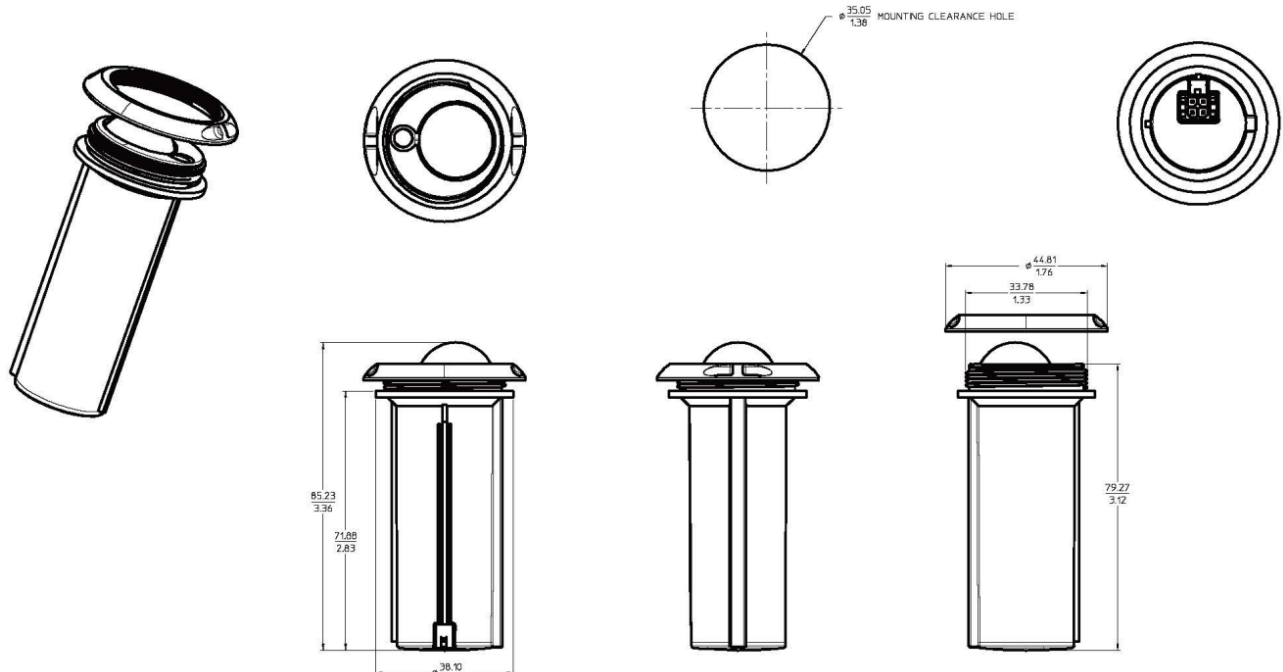
**Step 1.** Ensure that the Gateway being utilized to power and control this driver is deenergized to prevent hot plugging.

**Step 2.** Refer to the dimensions and mounting patterns below to mount the In-Fixture Sensors.

#### Dimensions and Clearance Hole for CoreSync In-Fixture Sensor, Standard:



#### Dimensions and Clearance Hole for CoreSync In-Fixture Sensor, Highbay:



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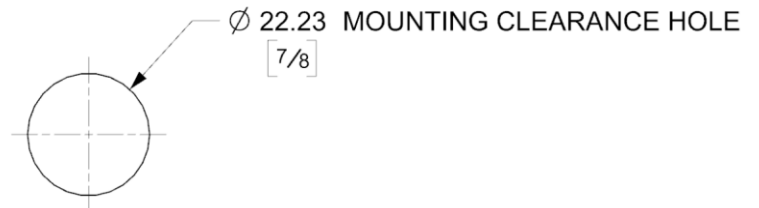
## INSTALLATION INSTRUCTIONS

**Step 3.** Create mounting hole in fixture in reference to type of sensor being used.

### Highbay:

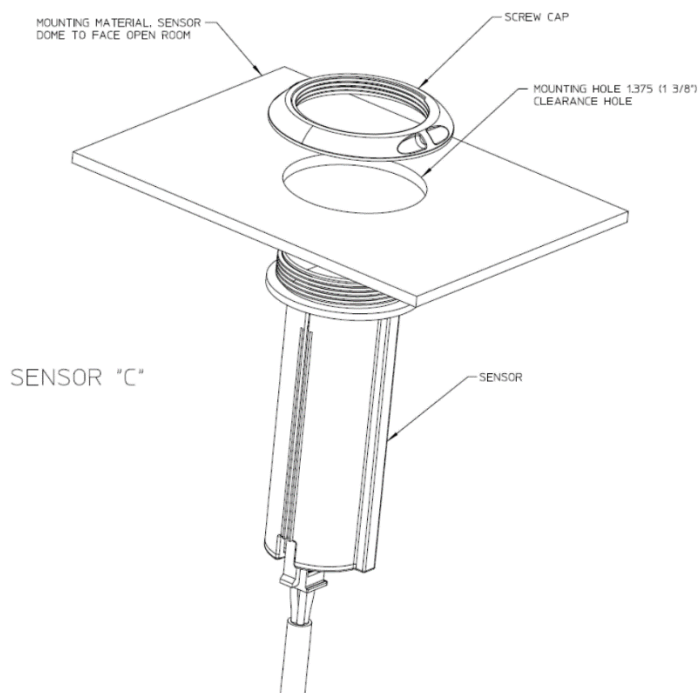


### Standard:

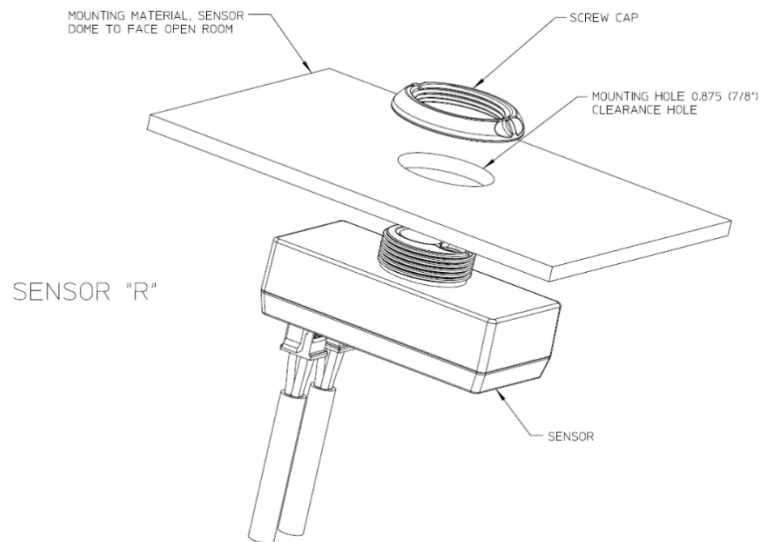


**Step 3.** Remove screw cap from sensor, place sensor through mounting hole, then screw cap back in place for mounting.

### Highbay:

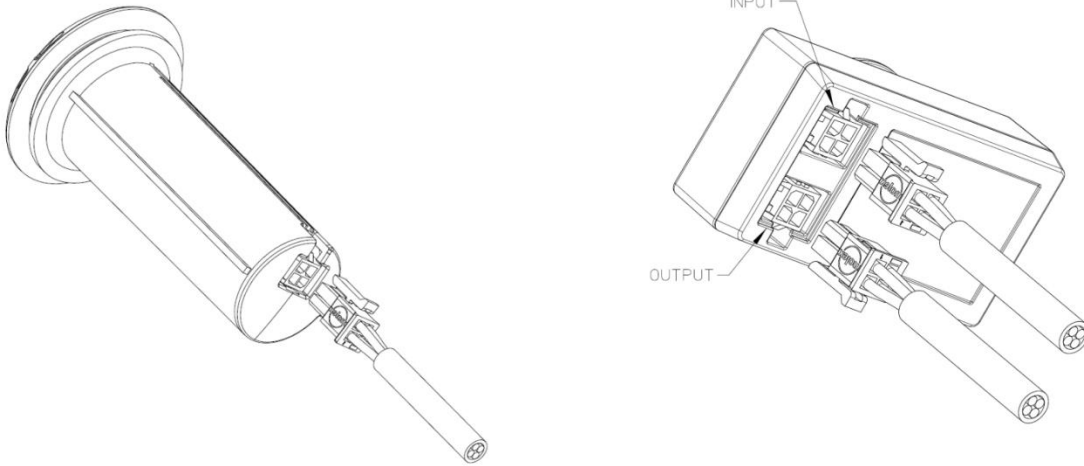


### Standard:



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**Step 4.** Snap in the CoreSync cable harness 2x2 PIN end as shown below to the INPUT side.



**Step 5.** The other end of the wire harness goes into the Gateway or the previous daisy-chain device's output port. The Gateway is supplied separately.

### 3. CALCULATING MAX CONNECTED DEVICES:

The IEEE 802.3bt standard guarantees at least 71.3W at the input of the Gateway. Using this number and the max power consumption of 3.2W for this gateway, provides 68.1W of connected devices. Please use individual data sheets of the connected devices in tandem with the CoreSync Harness Length Calculator to determine the maximum power consumption. For further details please refer to the CoreSync Academy Module "Device Layout & Design Overview".

### - LEGAL DISCLAIMER -

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