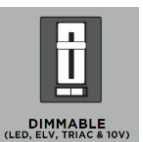
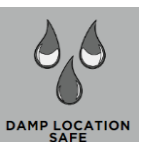
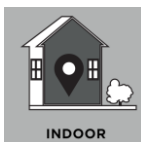
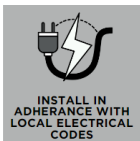
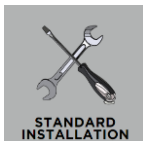
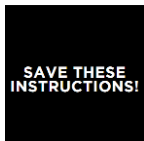


CATENA PENDANTS & CHANDELIERS

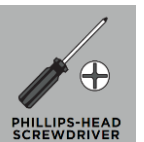
920SL-PD649-651-CH652-655

SLPD649; SLPD650; SLPD651; SLCH652; SLCH653; SLCH654; SLCH655

General Product Information



Required Tools



Safety Information

CAUTION-RISK OF FIRE

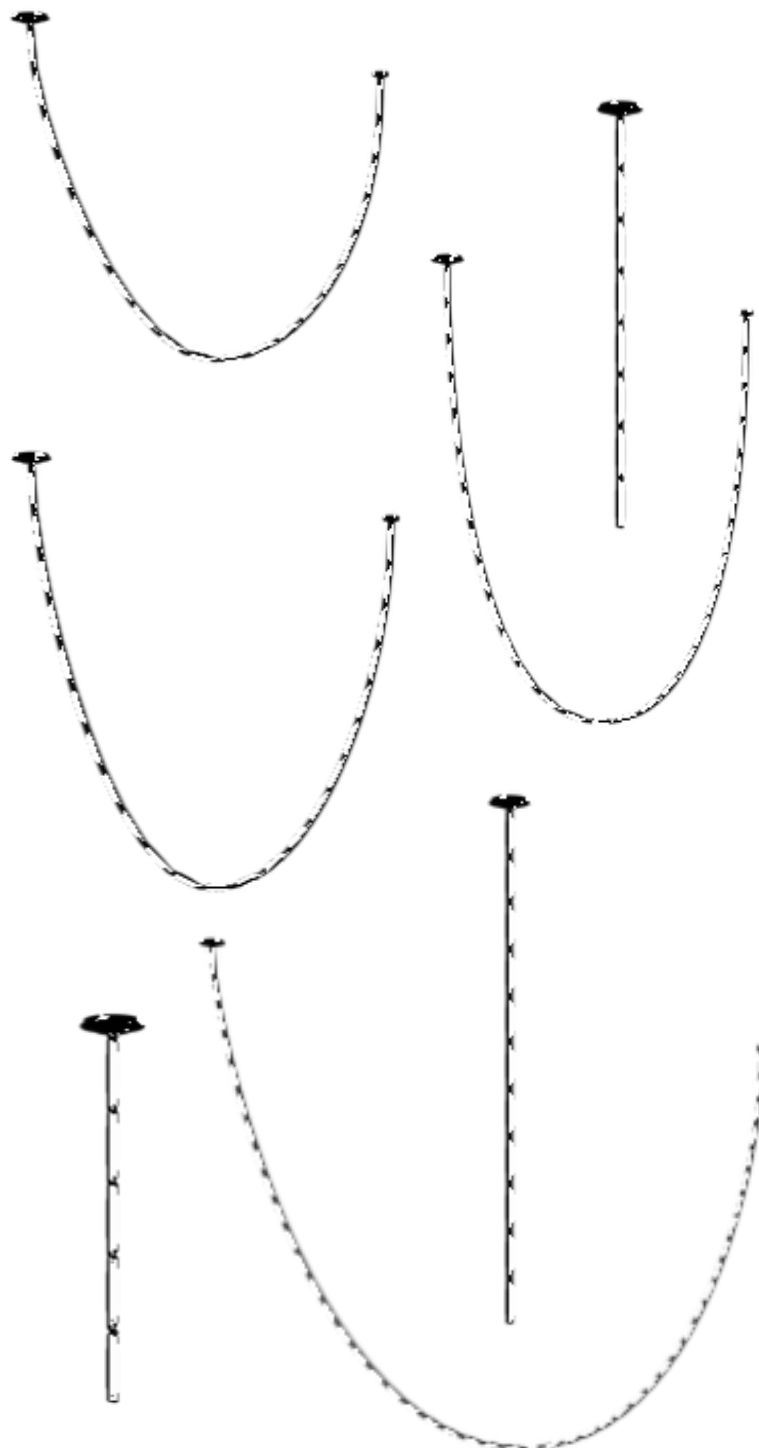
This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.

USE MINIMUM 90°C SUPPLY CONDUCTORS.



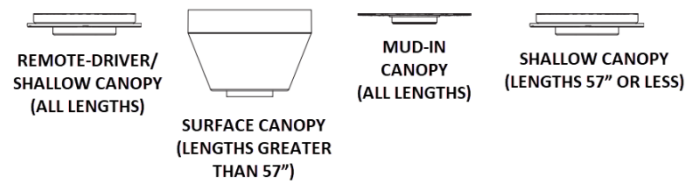
Turn off electrical current at the source before working with any lighting fixture or portable lamp.

Install and use this product in adherence with local electrical codes and regulations.



NOTE: Prior to starting installation, install the remote transformer and bring the low-voltage wires to the mounting location.

CANOPY TYPES USED FOR THE INSTALLATION OF THIS FIXTURE:

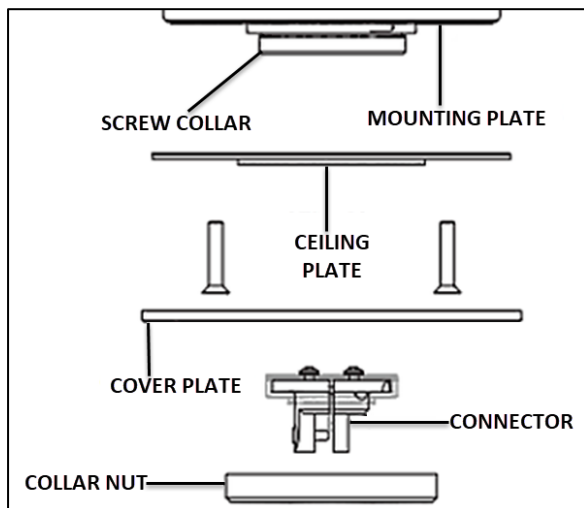


NOTE: For **shallow canopies** (lengths 57" or less), the provided transformer must be wired and installed inside the junction box before the mounting plate and canopy are installed.

Prepare Fixture for Installation

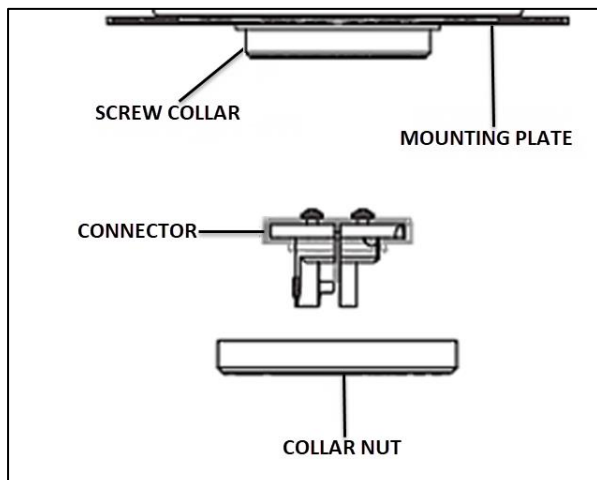
Remote-Driver/Shallow Canopies Only:

1. Unscrew the collar nut from the screw collar to separate the mounting plate from the canopy.
2. Then remove the connector and the cover plate.



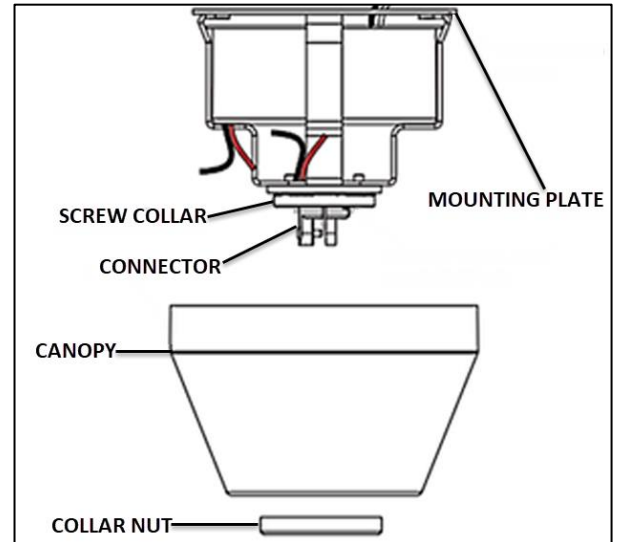
Mud-In Canopies Only:

1. Unscrew the collar nut from the screw collar to separate the mounting/mud-in plate from the canopy.



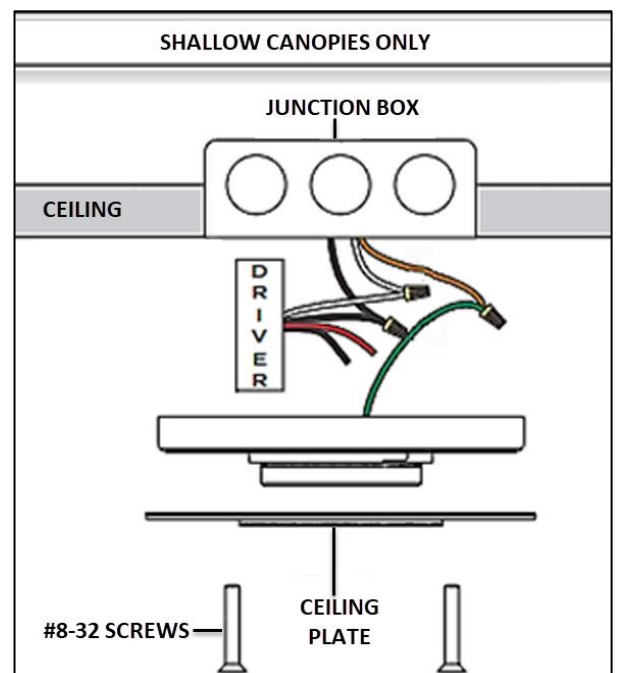
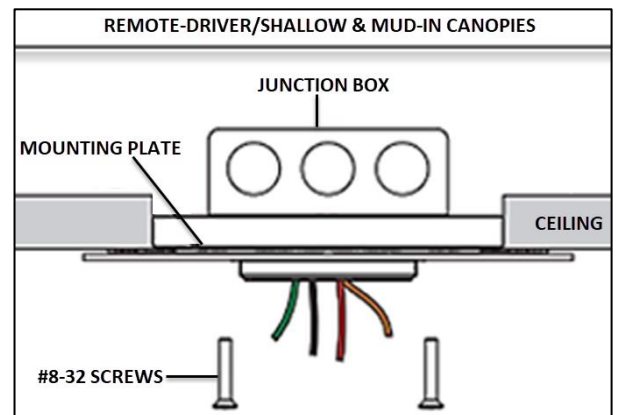
Surface Canopies Only:

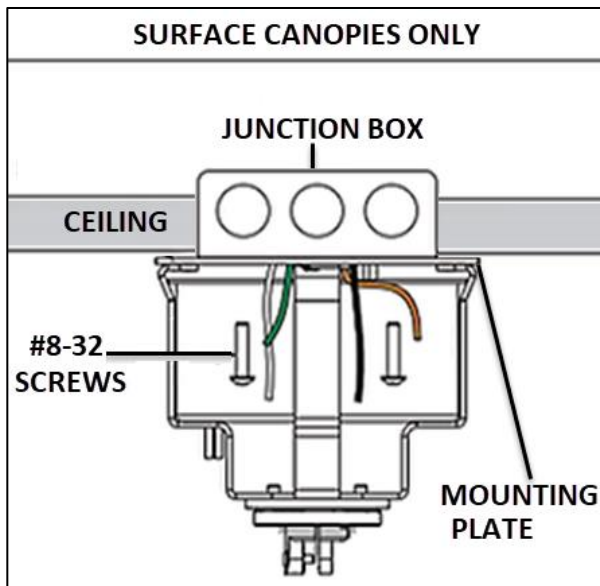
1. Unscrew the collar nut from the screw collar or connector to separate the mounting plate from the surface canopy.



All Canopy Types:

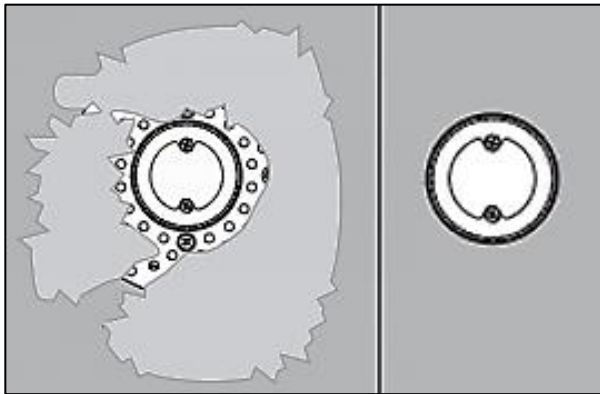
2. Secure the mounting plate to the junction box using the provided #8-32 screws.





Mud-In Installations Only:

3. Select a plaster finish to match the existing drywall and neatly plaster it onto the mud-in plate and drywall.

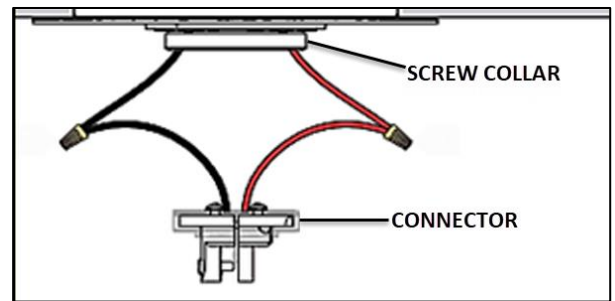


Connect Fixture to Power

1. Safety first! Locate the circuit breaker and switch it off to cut off the power supply to the relevant circuits to ensure there's no electricity running through the wiring.
2. In accordance with local electrical codes, connect the fixture ground wire (bare copper or silver wire) to suitable ground. This may be a green ground screw on the mounting plate or a house wire (green; bare copper).
3. Twist the bare ends of the following pairs of wires together using a wire nut to secure a connection:

Wiring Remote-Driver & Mud-In Canopies Only:

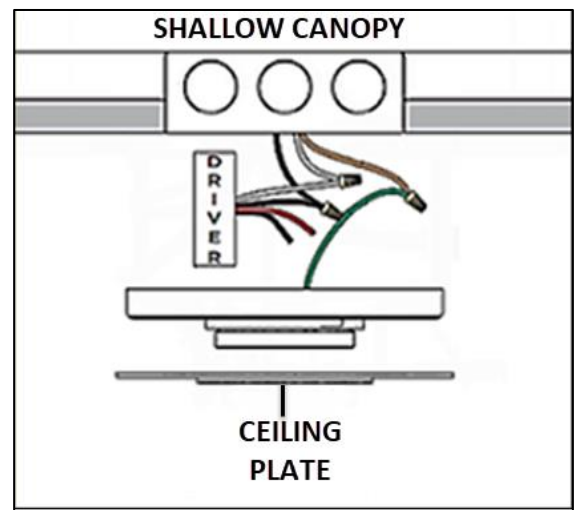
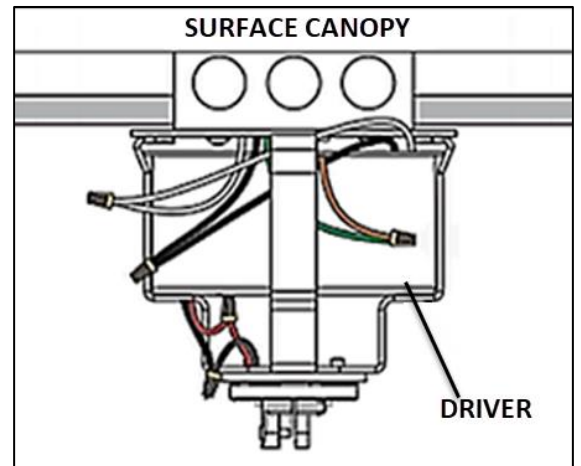
- I. Red output transformer wire to red connector wire
- II. Black output transformer wire to black connector wire
- III. Tuck all the wires behind the mounting plate and into the junction box
- IV. Place the connector inside the screw collar and secure it by screwing the collar nut onto it.



NOTE: Rotate and position the connector (180° max), if needed, to suit how the fixture will hang.

Wiring Shallow & Surface Canopies Only:

- I. White input wire to neutral power line wire
- II. Black input wire to hot power line wire
- III. Red output driver wire to red fixture input wire
- IV. Black output driver wire to black fixture input wire
- V. Tuck all the wires behind the mounting plate into the junction box.



- VI. **Shallow Canopies Only:** Place the connector inside the screw collar and secure it by screwing the collar nut onto it.
- VII. **Surface Canopies Only:** Secure the canopy to the mounting plate by screwing the collar nut onto it.

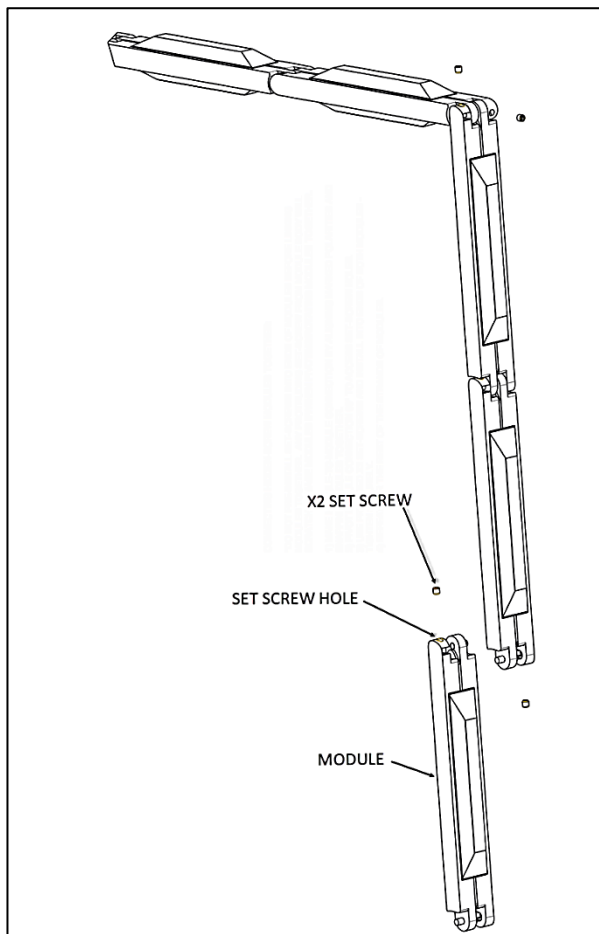
Assemble Fixture for Installation

CAUTION: Do not pre-install the set-screws into the ends of the modules before linking the modules together. Any protruding set-screws from the modules' body will scratch or damage the modules, if they're pivoted or rotated together.

Note: This fixture is packaged so that it comes with loose setscrews and module links/strings that require assembly.

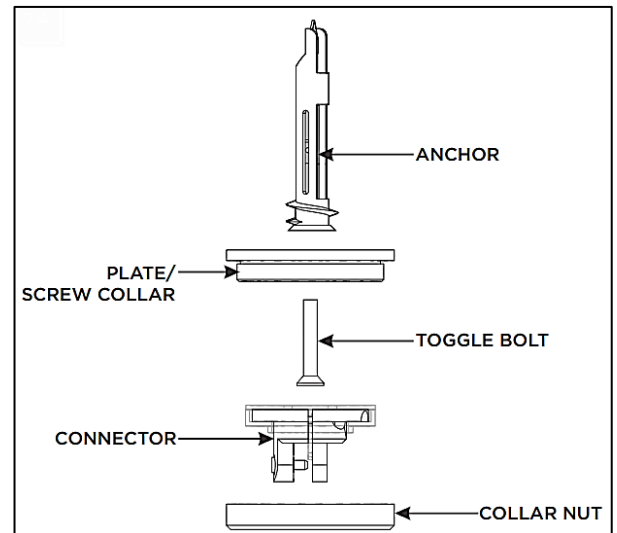
Troubleshooting Tip: If any of the modules fail to light up when powered on, check, and double-check to ensure that the polarity of the modules, power-feed canopy connector, and driver all match.

1. Locate and set aside the modules with the screw-ends.
2. Connect the modules together by making module-to-module connections by aligning the marked polarities and snapping the modules together.
3. Pivot the module connection 90° to access the set-screw holes and install the X2 set-screws into the ends of both modules and tighten securely.
4. Repeat the above step for all the modules included in the string.
5. Connect the modules with the screw-ends to the top of the string (chandeliers and pendants) to connect to the powerfeed canopy and/or to the bottom of the string (chandeliers only) to connect to the ceiling stand-off.

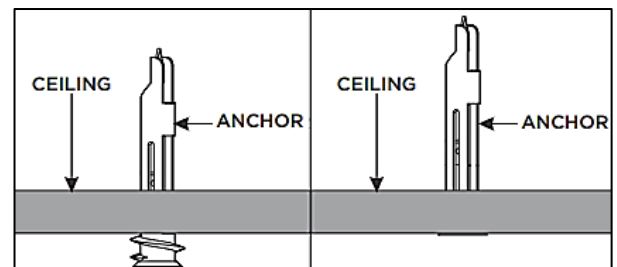


Install Standoff (Chandelier Only)

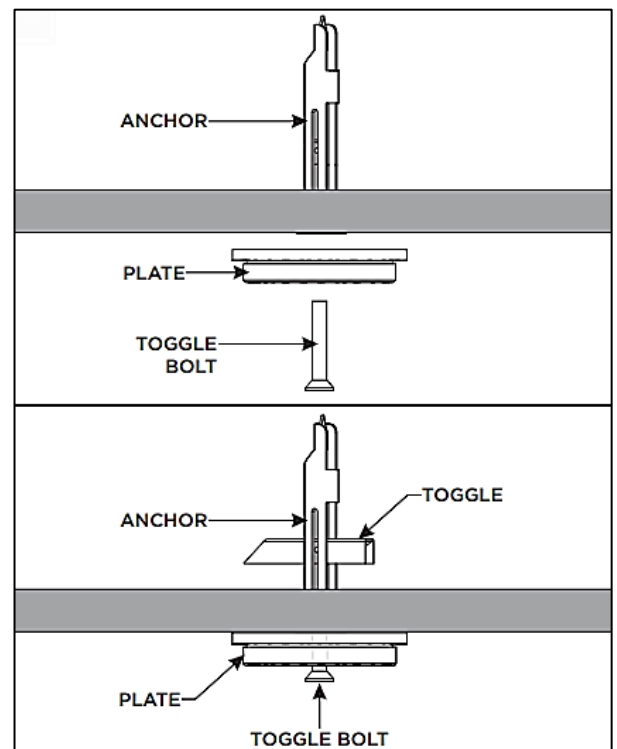
1. Disassemble the standoff assembly by unscrewing the collar nut and removing the toggle bolt.



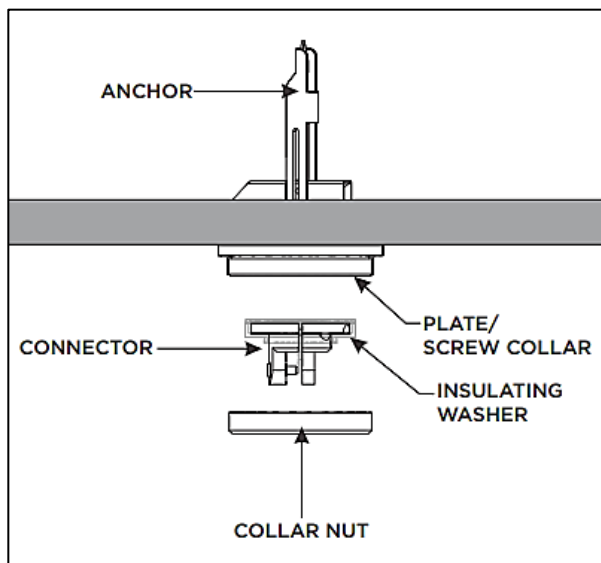
2. Install the anchor into the ceiling up to the threads and screw it in the rest of the way.



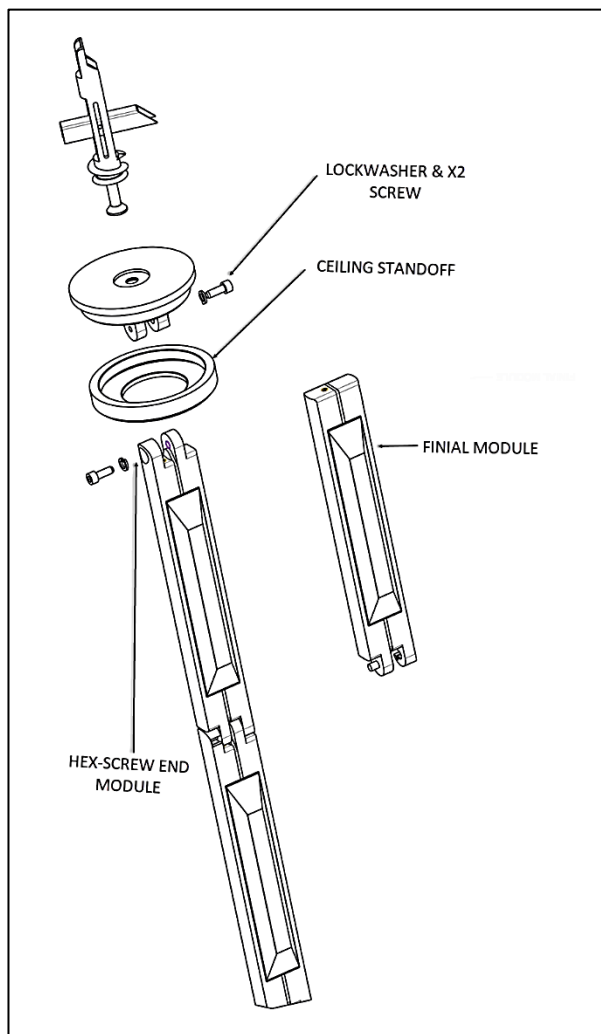
3. Secure the plate/screw collar to the anchor installed in the ceiling, using the toggle bolt. Once securely installed, it acts as an anchor.



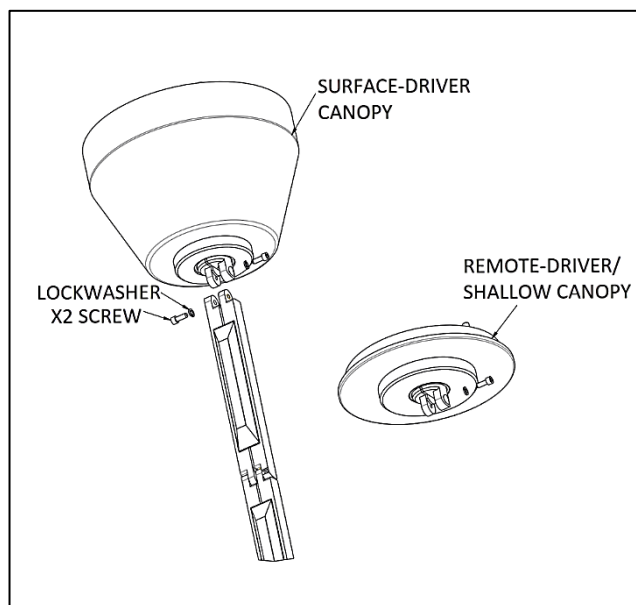
4. Insert the connector and insulator washer into the plate/screw collar and secure them together by screwing on the collar nut.



5. Connect the hex-screw end of the fixture string to the stand-off's connector, using the lockwasher and screw.



Install and Hang Fixture



1. Hang the fixture the to the ceiling according to fixture type:

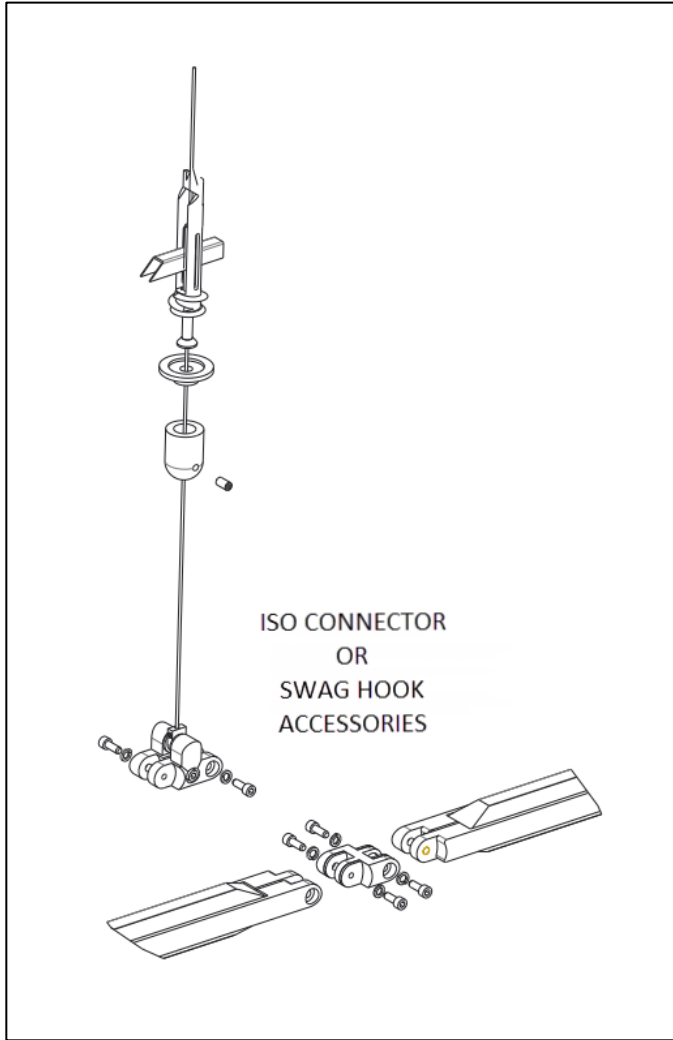
I. Ceiling-to-Ceiling Chandelier

- i. Connect the fixture to a powerfeed canopy and ceiling standoff to hang the fixture as a ceiling-to-ceiling chandelier.
- ii. Use the appropriate end-module that matches the marked polarity for the fixture. Ensure that it has a hex-screw-end to allow for attachment to the powerfeed canopy and the ceiling standoff.
- iii. Make the connection to the ceiling standoff by tightly securing the X2 screws with the lockwashers.

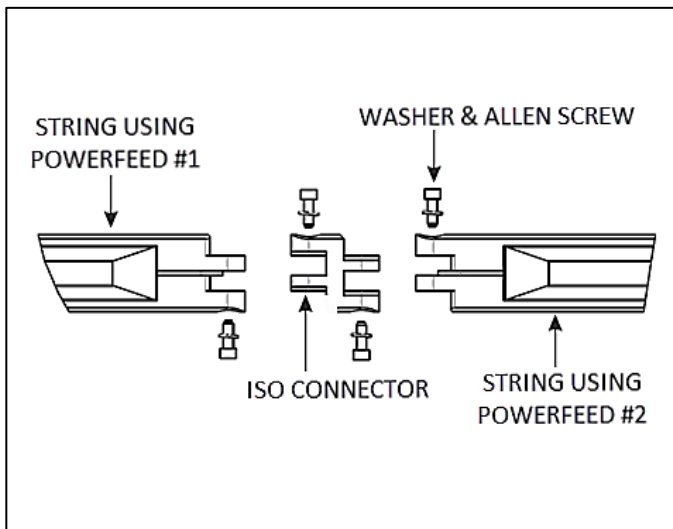
II. Pendant

- i. Connect the fixture to a powerfeed canopy to hang the fixture as a pendant.
- ii. Use the appropriate end-module that matches the marked polarity for the fixture. Ensure that it has a hex-screw-end to allow for attachment to the powerfeed canopy.
- iii. Make the connection to the canopy by tightly securing the X2 screws with the lockwashers.
- iv. Connect the finial module as the last hanging module and follow the same steps to connect the fixture's hidden-screw module connection.

Optional Accessories: Isolating (ISO) Connector or Swag Hook



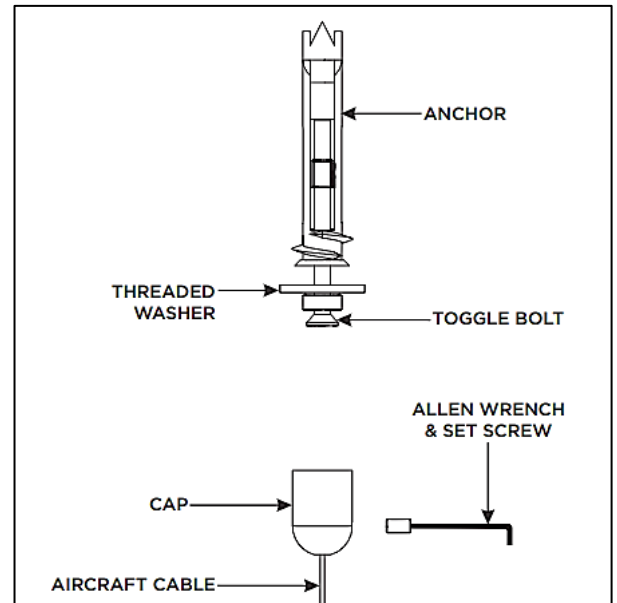
ISO Connector



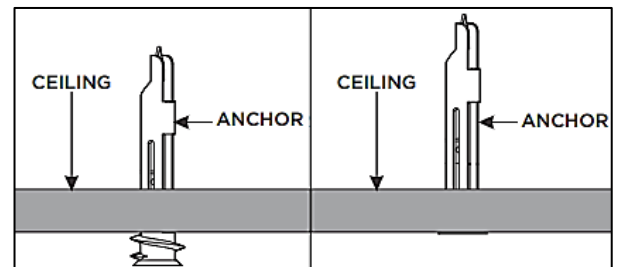
1. Use the isolating connector to connect the two separately powered strings/fixtures with the washers and Allen screws. Ensure the Allen screws are securely tightened.

Swag Hook

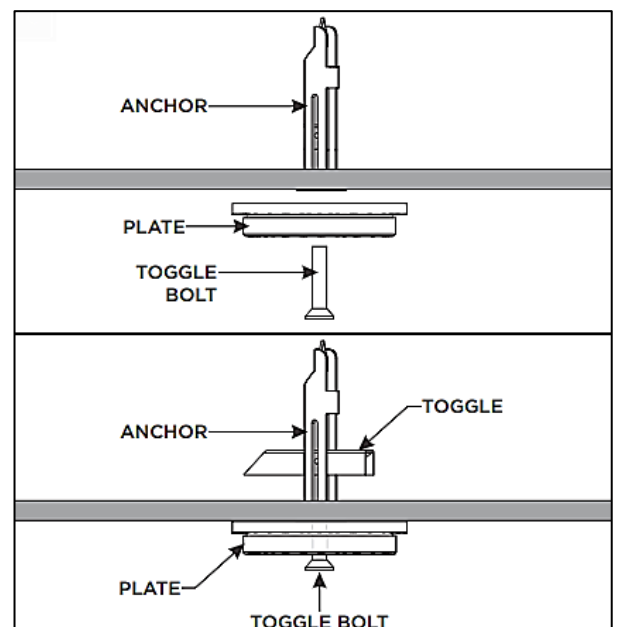
1. Unscrew the threaded washer from the cap of the standoff assembly to separate it. Then remove the threaded washer and toggle bolt.



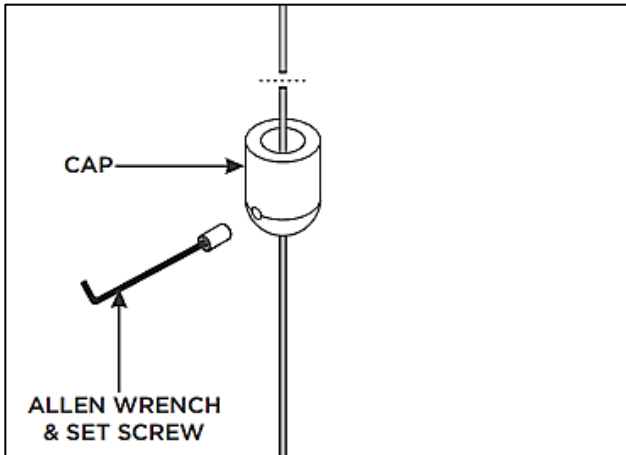
2. Install the anchor into the ceiling up to the threads and screw it in the rest of the way.



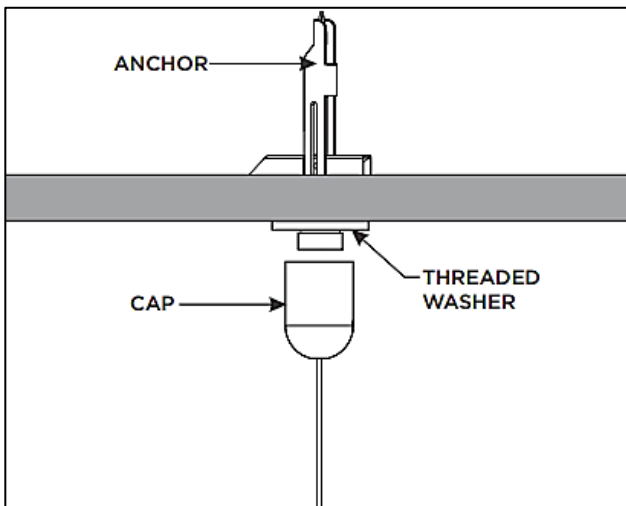
3. Screw the toggle bolt into the threaded washer to secure it. Once securely installed it, it acts as an anchor.
4. Using the provided Allen wrench, loosen the set screw on the cap.



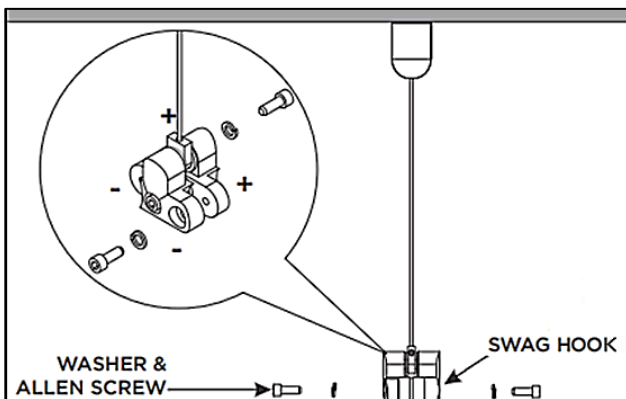
5. Determine the desired height of the aircraft cable and cut the cable to the corresponding length.



6. Retighten the set screw to secure the aircraft cable.
7. Screw the cap onto the threaded washer.



8. Connect the hex-screw end of the fixture string to the swag hook using the lockwasher and screw.



9. Ensure that the polarity of the module to the swag hook matches.