

Single Flexible Feed Recessed Transformer

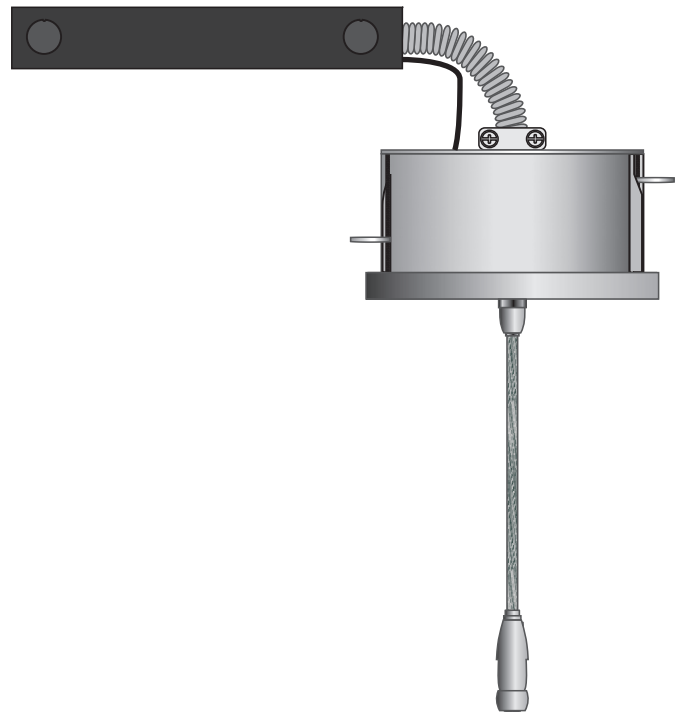
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CAUTION - RISK OF FIRE

This product requires installation by a qualified electrician. Before installing be sure to read all instructions and **DISCONNECT POWER TO THE ELECTRICAL BOX.**



GENERAL PRODUCT INFORMATION



This product is suitable only for dry locations and approved for use at any height above the finished floor.

This product must not be installed in insulated ceilings.

This product may be dimmed only with a low voltage electronic dimmer. Using a dimmer not designed for low voltage electronic applications may work initially, but could eventually cause transformer failure and will void the warranty. The dimmer must be derated as indicated by the dimmer manufacturer.

This product is intended for use with LBL Lighting low voltage lighting systems only.

A typical installation is shown. Specific installation must be in accordance with local electrical codes. Read all instructions thoroughly before installing.

IMPORTANT SAFETY INFORMATION

Do not conceal or extend bus bar conductors through a building wall.

To reduce the risk of fire and burns, do not install this lighting system where the uninsulated open bus bar conductors can be shorted or contact any conductive materials.

To reduce the risk of the system overheating and possibly causing a fire, make sure all the connections are tight.

Do not install fixture assemblies closer than six inches to curtains or similarly combustible materials.

Turn the electrical power off before modifying the lighting system in any way.

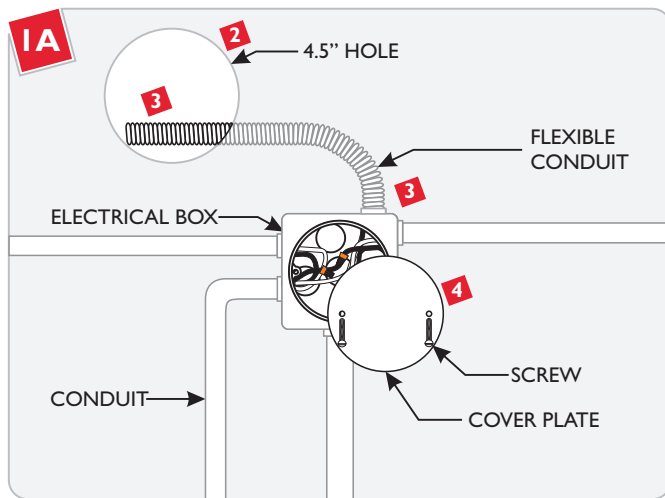
The fixtures used with the system must be identified to be used with the corresponding system.

Minimum volume of the electrical box must be 6 cubic inches (98 cubic centimeters).

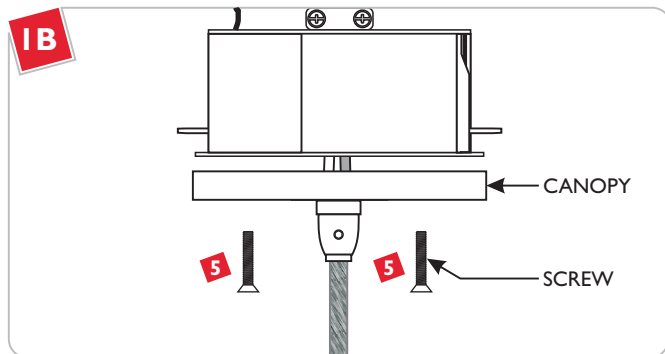
Load the circuit of the transformer to no more than the maximum rated capacity as specified.

To reset the electronic surface transformer, turn the power off then on (main power, breaker panel, or wall switch).

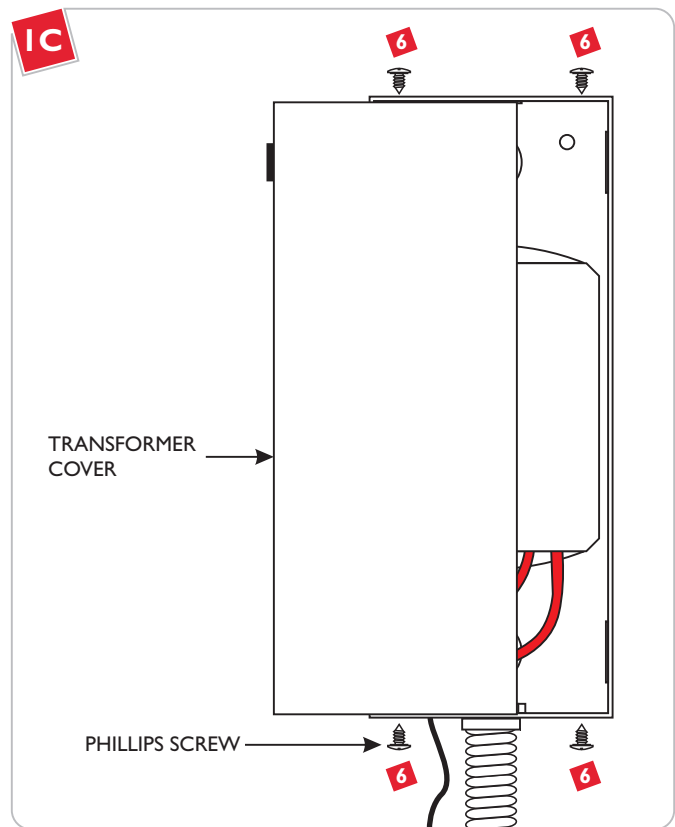
Prepare for Installation



- 1** Locate any electrical boxes and conduit already present in the ceiling.
- 2** Cut a 4.5" diameter hole in the ceiling. Take care not to cut into any existing electrical boxes or conduit.
- 3** Attach flexible conduit (not included) to an electrical box and feed the conduit out of the hole.
- 4** If applicable: Screw the cover plate onto the open electrical box.

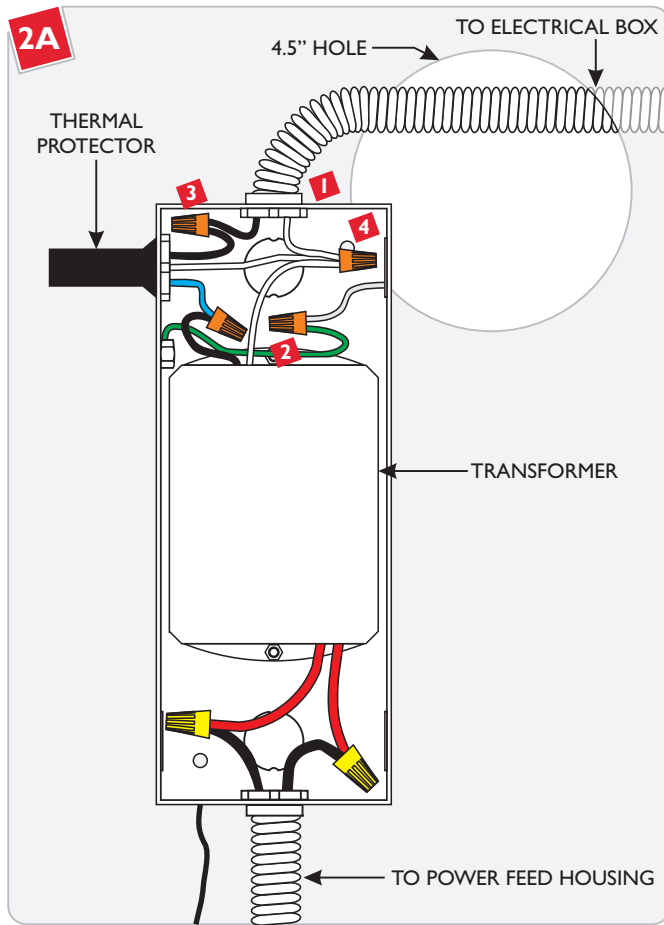


- 5** Remove the two #8-32 flat head screws from the power feed port and pull off the canopy with coaxial cable.

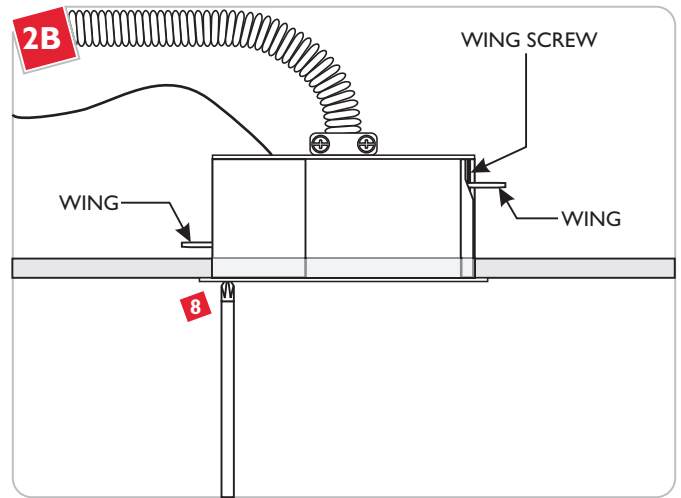


- 6** Remove the four screws and take off transformer cover.

Install the Transformer

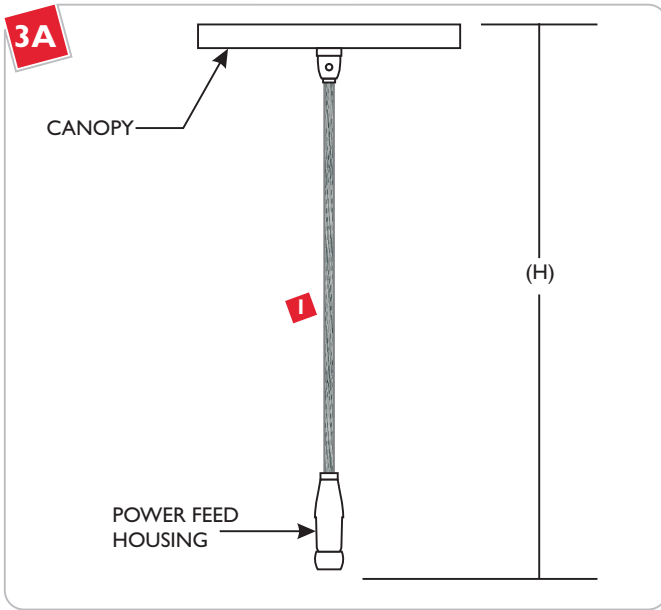


- 1 Attach the flexible conduit to the end of the transformer housing.
- 2 Connect the ground wire to a suitable ground in accordance with local electrical codes.
- 3 Connect the black thermal protector wire to the hot power line wire with a wire nut.
- 4 Connect the white transformer wire and the white thermal protector wire to the neutral power line wire with a wire nut.
- 5 Replace the transformer cover and screws.
- 6 Place the transformer into the ceiling through the 4.5" hole.



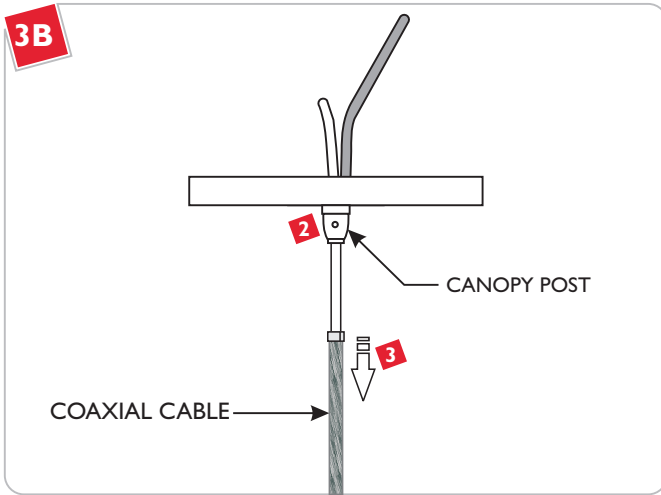
- 7 Make sure the two wings are against the sides of the housing, and insert the housing into the 4.5" hole.
- 8 Tighten the two wing screws with a screwdriver until the wings secure the power feed port into the hole. An electric screwdriver will make this easier.

Adjust the Monorail Height

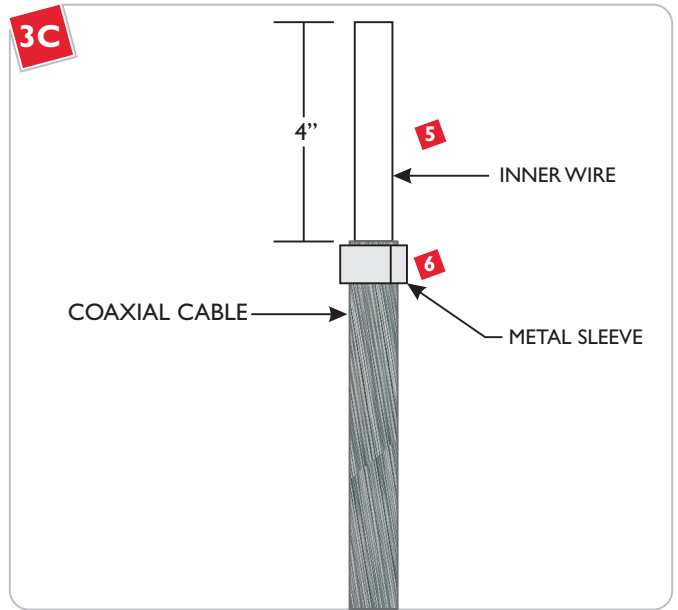


NOTE: If installing the transformer with the standard power feed height, skip ahead to section 4A.

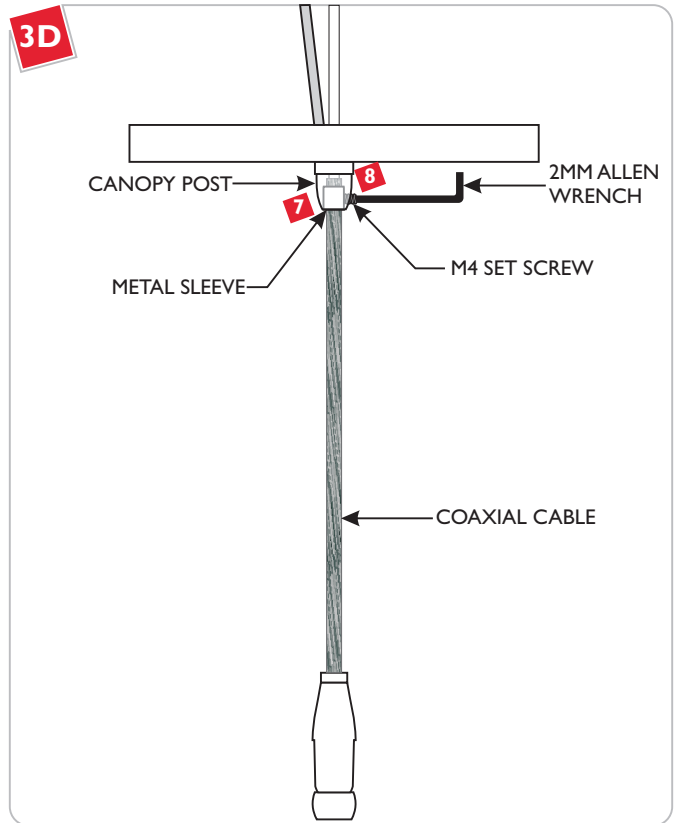
- 1 The overall power feed height (H) is measured from top of the canopy to the bottom of the power feed. Determine the desired height, add 4" for connecting power, and write this number down.



- 2 Loosen (**do not remove**) the M4 set screw in the canopy post with the provided 2MM Allen wrench.
- 3 Pull the coaxial cable out of the canopy.

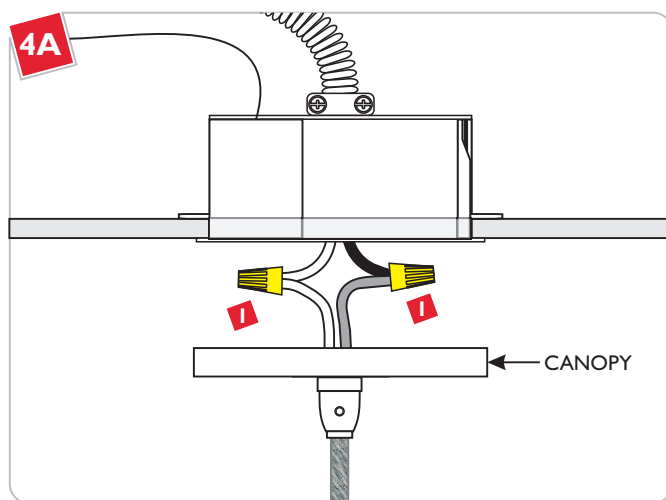


- 4 Measure the length of coaxial cable written down in step 1.
- 5 Strip the last 4" of the coaxial outer mesh to expose the inner insulated wire.
- 6 Slide the metal sleeve down the wire to the edge of the coaxial cable.

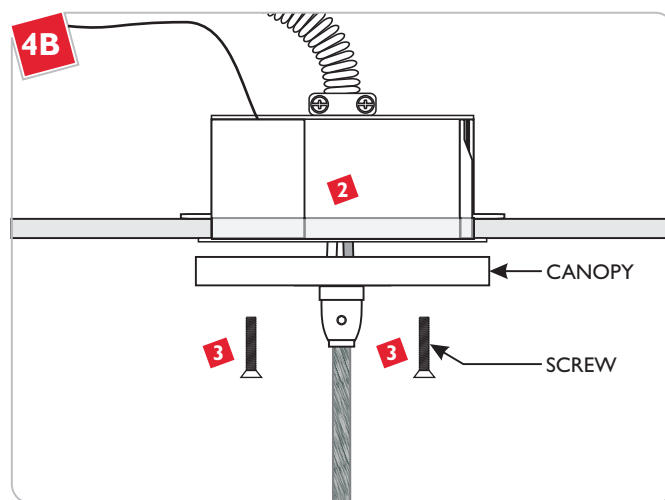


- 7 Feed the coaxial cable up and into the canopy post.
- 8 Slide the metal sleeve up into the canopy post and secure by tightening the M4 set screw with the provided 2MM Allen wrench.

Reinstall the Canopy

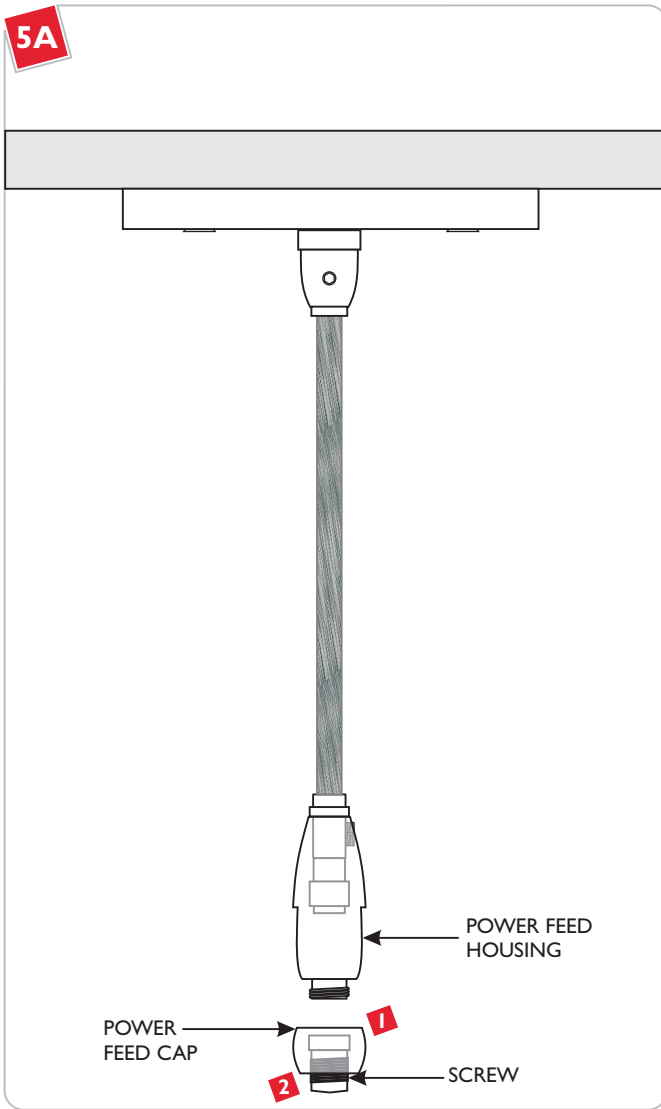


- 1 Connect each of the canopy wires with a low-voltage transformer wire with a wire nut.



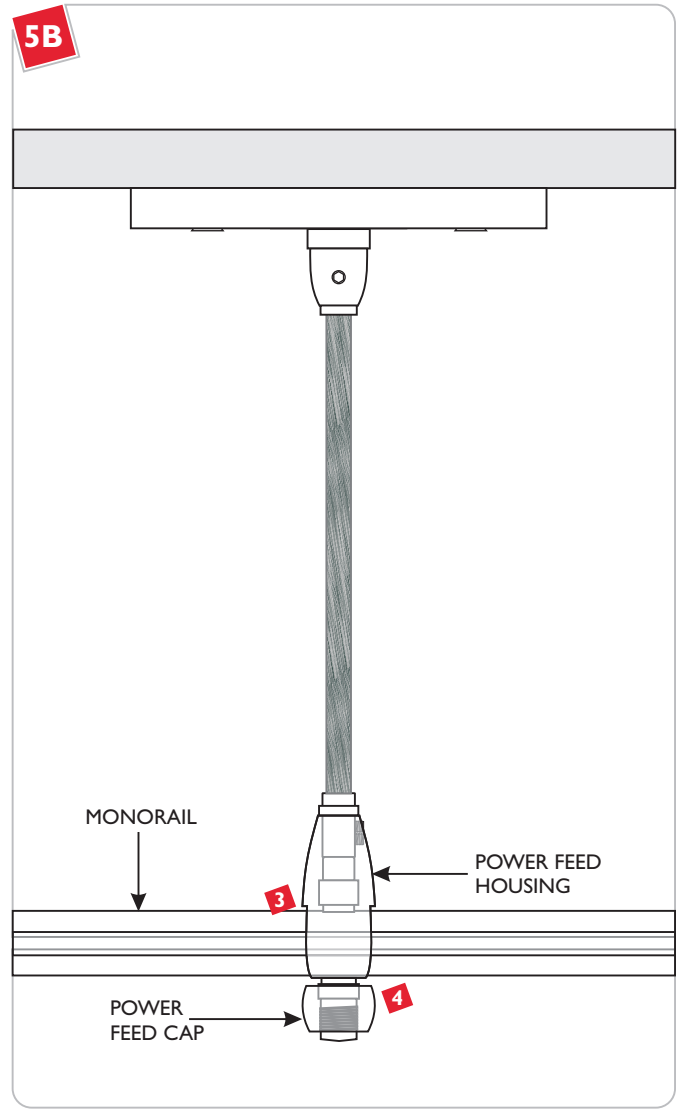
- 2 Place the transformer wires and wire nut connections inside the power feed port.
- 3 Mount the canopy to the power feed port with the two #8-32 flat head screws that were removed earlier.

Connect the Monorail



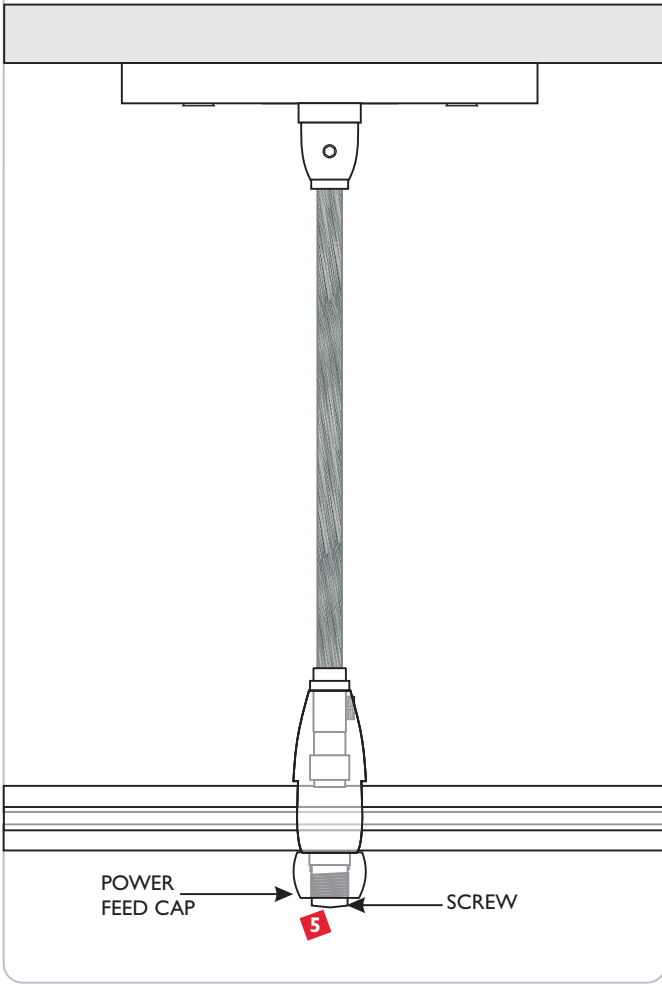
NOTE: The standoffs should be installed to support the Monorail while connecting Monorail to the power feed canopy. Refer to the instruction provided with the standoffs.

- 1 Remove the power feed cap from the power feed housing.
- 2 Completely back out the screw on the power feed cap.



- 3 Place the Monorail into the standoffs and power feed housings.
- 4 Screw the power feed cap completely to the power feed housing. **Make sure that the power feed cap is not cross threaded.**

5C



SAVE THESE INSTRUCTIONS!

- 5** Tighten the screw on the power feed cap for proper power connection.
- 6** For dual power feed canopies: Repeat steps 1-5 for the second power feed.



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