Scout Horizontal - Installation Instructions

Model SCT-HR-XX

Please read all instructions prior to installation and keep for future reference!

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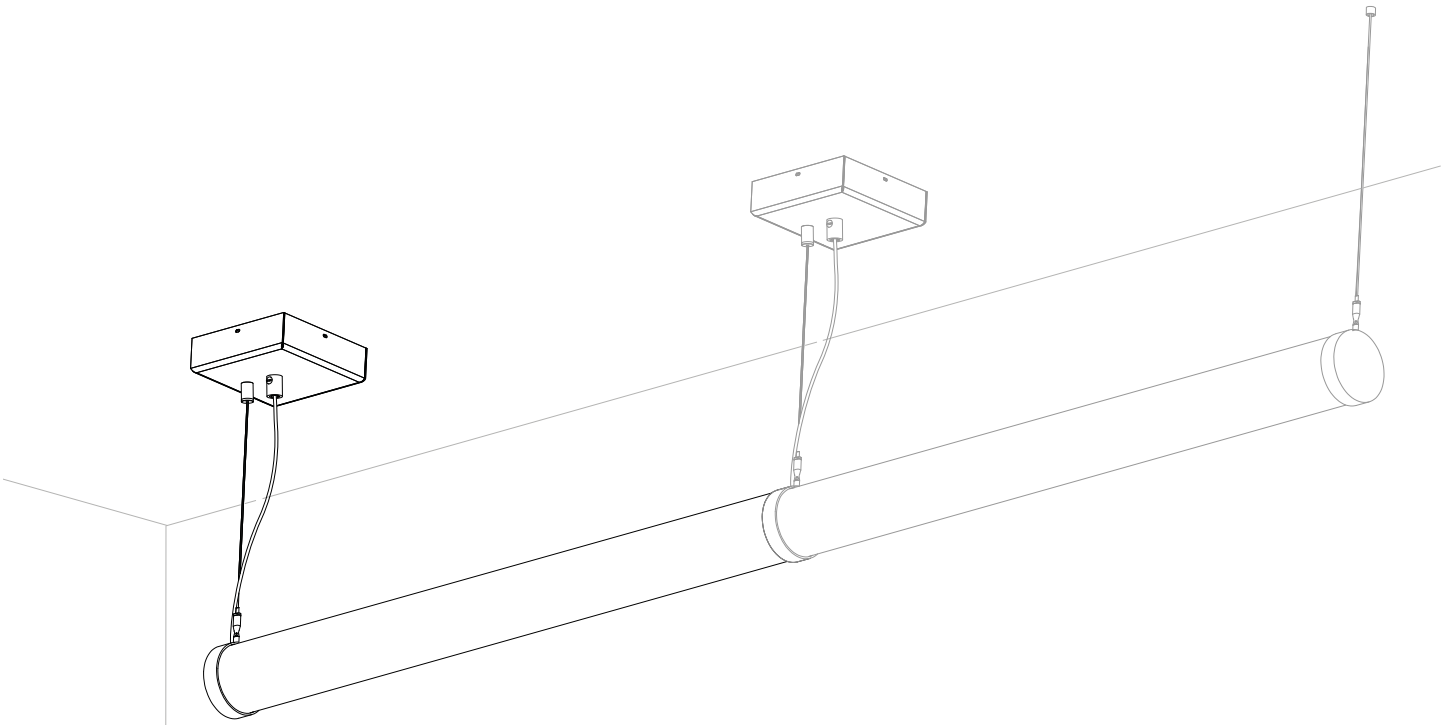
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FOR REMOTE POWER SUPPLY INSTALLATION (CLASS 2)

1. PRODUCT TO BE INSTALLED BY A QUALIFIED ELECTRICIAN.
2. PRIOR TO INSTALLATION ENSURE POWER IS OFF AT FUSE BOX TO PREVENT ELECTRICAL SHOCK.
3. USE ONLY WITH CLASS 2 POWER UNIT.
4. FIXTURE SHOULD BE INSTALLED BY TWO PEOPLE.
5. SUITABLE FOR DAMP LOCATIONS.
6. 24 VOLTS DC.

FOR INTEGRAL POWER SUPPLY INSTALLATION (CLASS 1)

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3. MIN 60°C SUPPLY CONDUCTORS.
4. SUITABLE FOR DAMP LOCATIONS
5. CLASS 1 WIRING ONLY.
6. FIXTURE SHOULD BE INSTALLED BY TWO PEOPLE



Scout horizontal &
Scout suspension
straight joining system
installation

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Scout Horizontal - Installation Instructions

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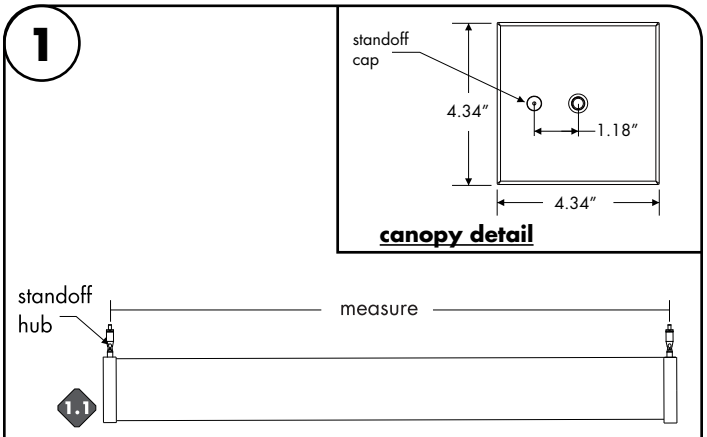
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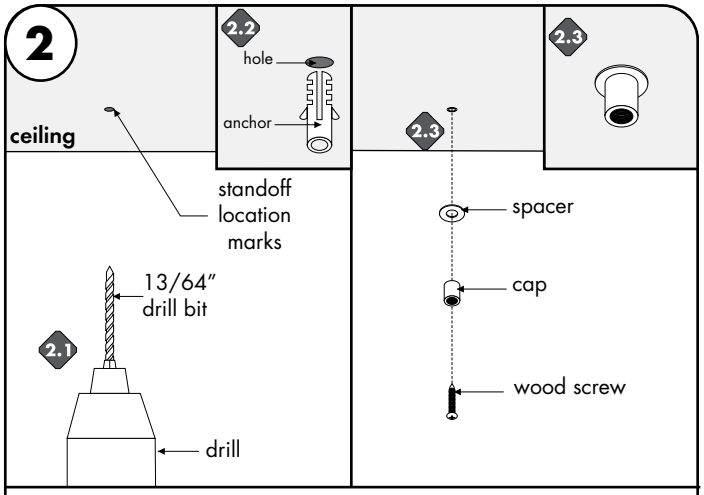
1



***Note:** For Scout system models, reference fixture labels for positioning. On which fixture ends will connect to each other. Then join fixtures by referencing page 5.*
***Note:** More than one person is recommended for this installation.*

1.1 Align one standoff hub to the junction box & measure the distance from standoff hub to the other hub. Then mark this location to the ceiling. Use canopy detail to slighting off center standoff hub.

2

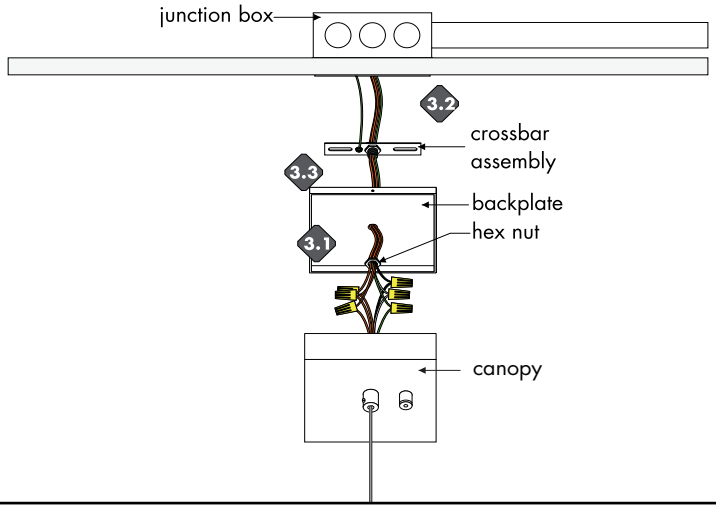


2.1 On the marked location(s), make a hole using a 13/64″ drill bit.

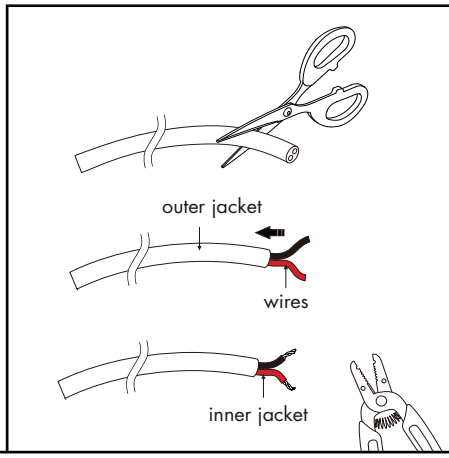
2.2 Insert the anchor into the hole and push in completely.

2.3 Insert wood screw through cap and washer, tightening to secure into the anchors.

3



***Note:** Prior to installing fixture to power, cable must be prepared to go inside crossbar assembly. If this step is skipped metal sleeve will tangle up.*



3.1 Insert the power wires into the crossbar assembly, backplate, and hex nut.

3.2 Refer to the wiring diagram and make all necessary connections from the power wires to the canopy driver wires.

3.3 Connect to ground in accordance with local electrical codes.

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Scout Horizontal - Installation Instructions

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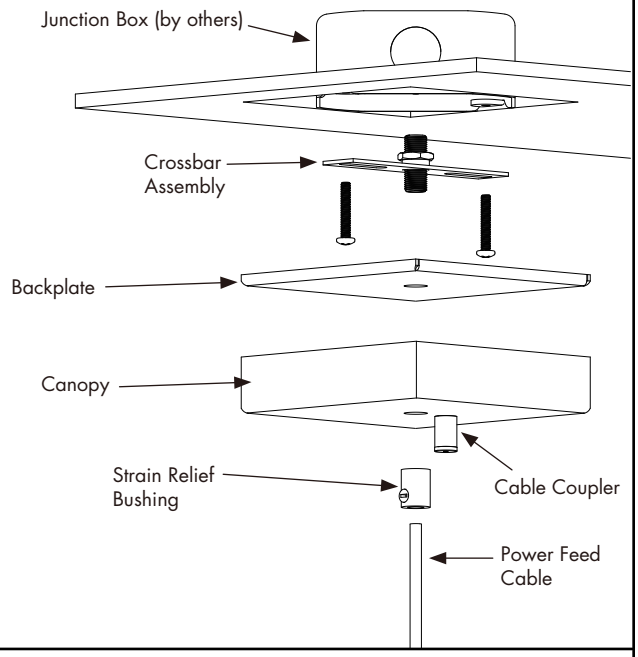
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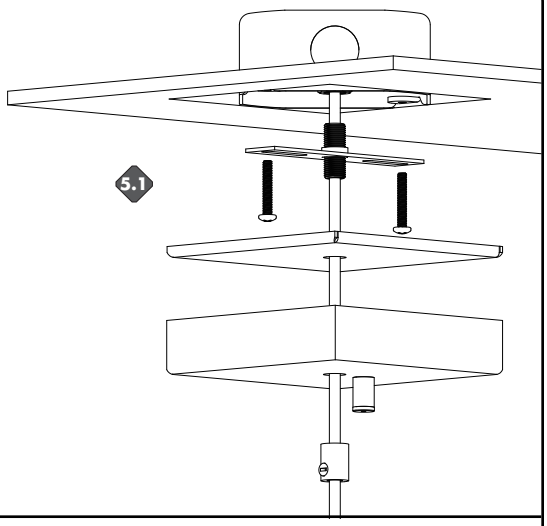
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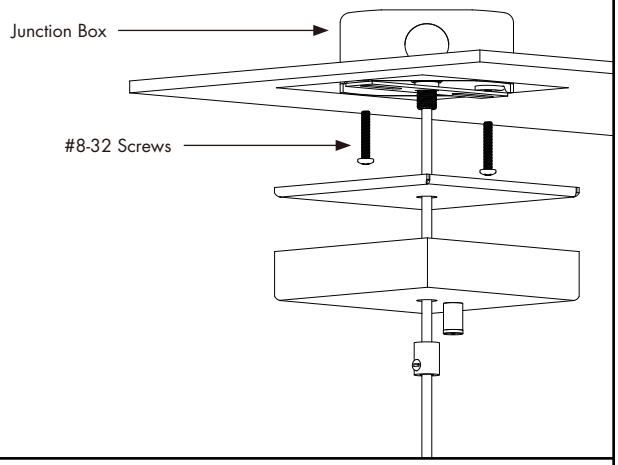
4.1 Route the power feed cable through the strain relief bushing, canopy cover., and crossbar assembly

5



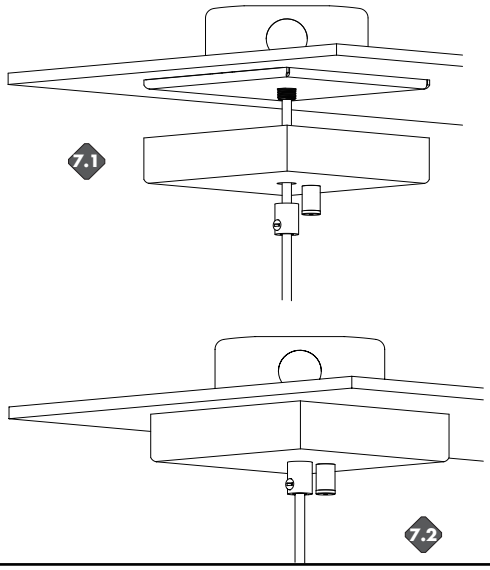
5.1 Connect power feed cable wires, per image above, to wires from the power supply. Insert terminations into the junction box.

6



6.1 Align the crossbar to the junction box holes, and secure using the provided two #8-32 screws.

7



7.1 Slide the canopy cover up to the crossbar and secure by threading the strain relief bushing onto the crossbar assembly.

7.2 Tighten the set screw on the strain relief bushing to secure the position of the power cable.

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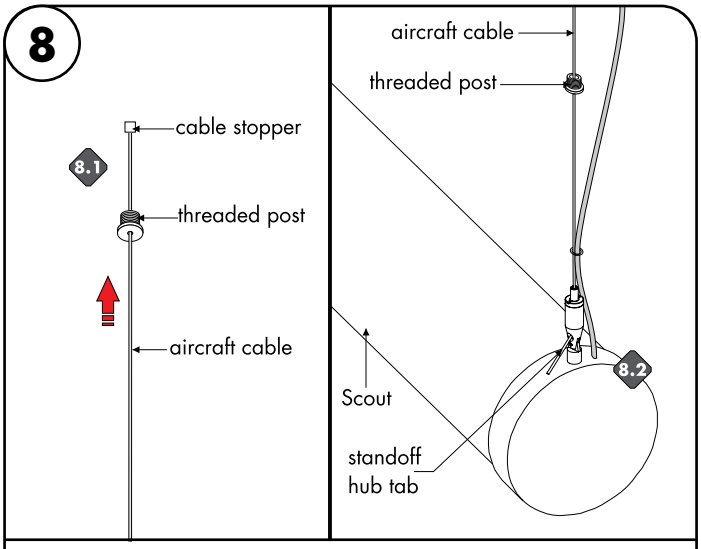
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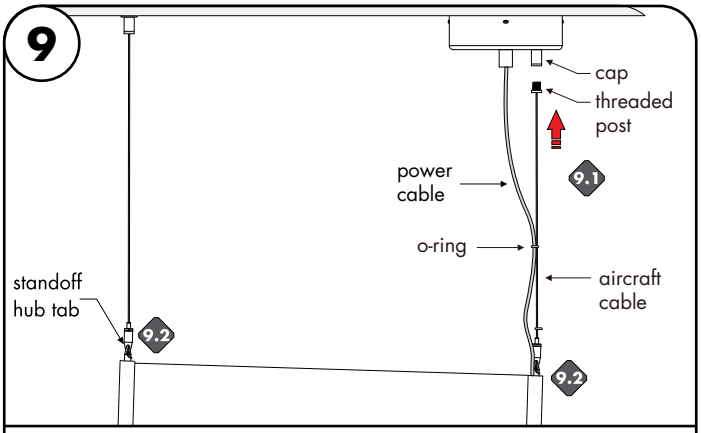
8



8.1 Untangle each aircraft cable and insert into the threaded post until the cable stopper.

8.2 Push on the standoff hub tab and feed the aircraft cable into the standoff hub until necessary. Release tab to secure in place. For the aircraft cable closest to the coaxial cable slide through the o-rings on the coaxial cable first.

9

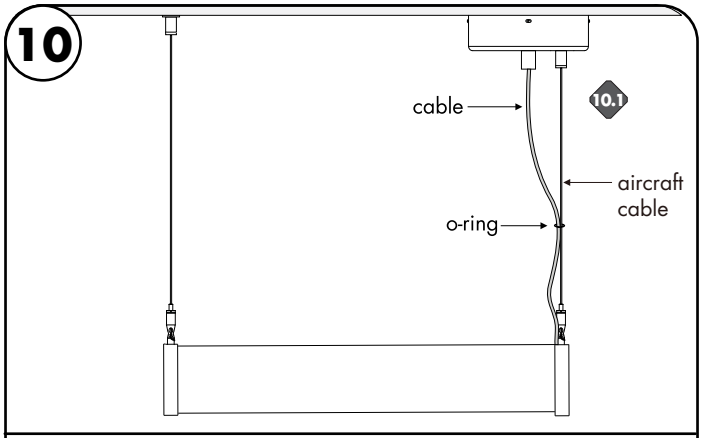


9.1 Tighten each threaded post into a cap, one will be on the backplate and other(s) on the ceiling. If fixture not leveled, adjustments can be made by pushing on the standoff hub tab. Then either feed more cable into the standoff hub or pull out cable from the standoff hub and release to secure.

9.2 Cut off any extra aircraft cable from the standoff hub hole.

9.3 If joining fixtures (Scout suspension joining System model only), reference page 5.

10



10.1 If necessary make any final adjustments to the cables use the o-rings for a cleaner look.

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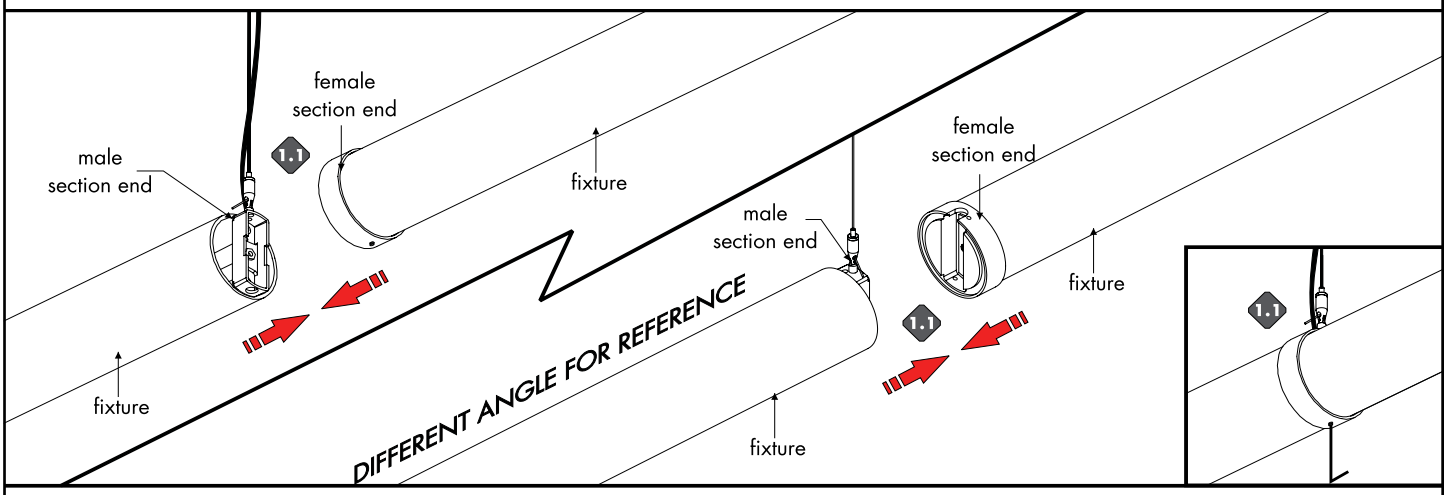
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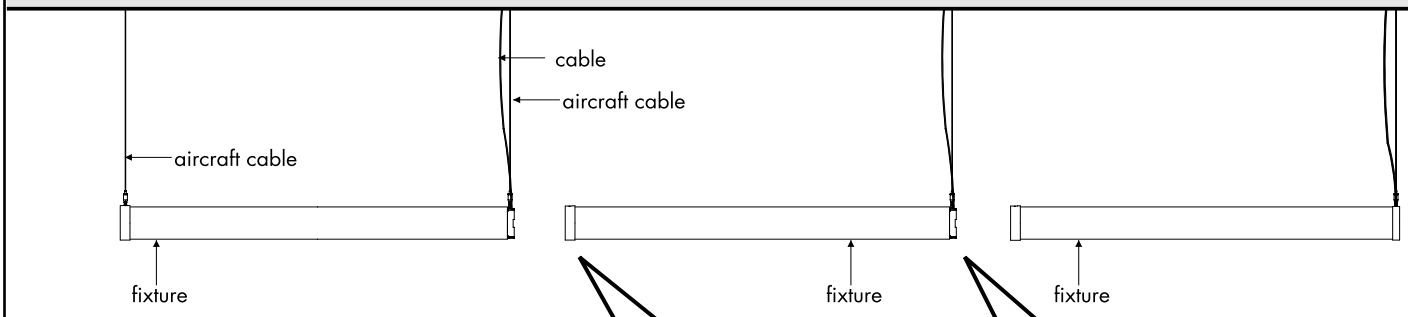
Caution: Steps below are only for the Scout Suspension Joining System. Do not try to join standard Scout suspension to each other, which would void the factory warranty.

Note: Prior to installing fixtures, reference the fixture labels to properly orientate each section.

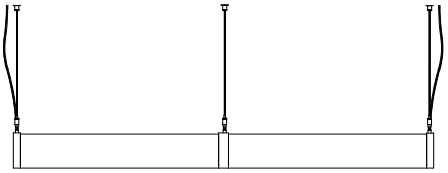


1.1 Once all sections are installed & set to the proper hanging height from the ceiling. Carefully slide the male section end into the female section end, and secure be tightening the set screws on the top & bottom of the female section end. Repeat for any other sections that need to be joined.

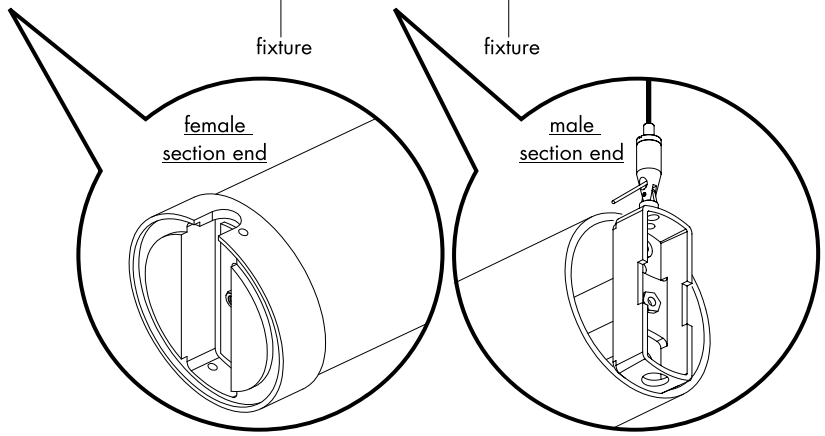
Scout Suspension Joining System, Standard Layout



Over 2 fixtures: power cords located at every joiner and at 1 endcap



2 Section system: power cord located at the ends of the system



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Power Supply Wiring Diagram

Note: *Prior to installation all 24VDC wires must be present near fixture. Refer to the power supply installation instructions for additional information.*

Static White
Wiring Diagram PDF