



The installation must only be performed by a licensed electrician.

To prevent death, injury or damage to property, this product must be installed in accordance to National Electrical Code (NFPA70) in the US or Canadian Electrical Code (CSA 22.1) in Canada.

Disconnect power before installing the product or servicing it.

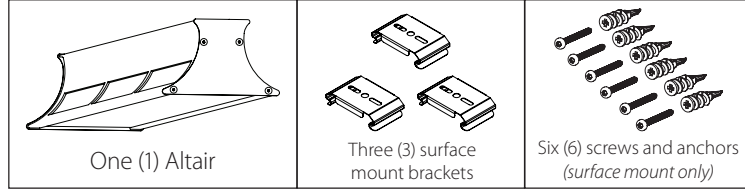
Wait until fixture has cooled down before installing or servicing the fixture.

Suitable for Continuous Row Mountings, 10 Fixtures Maximum.

Maximum Ambient Temperature Rating 40°C

MIN. 60°C SUPPLY CONDUCTORS

What's In The Box



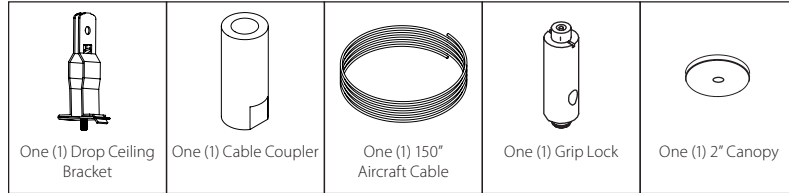
Tools & Materials Needed

A screwdriver, drill, 5/16" hex driver, wire cutters, and appropriate hardware will be needed to install the LSA.

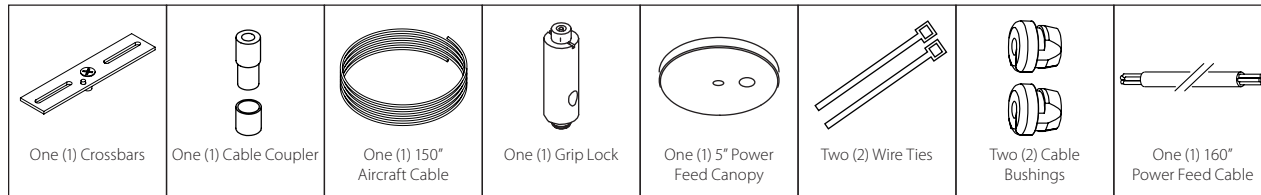


Aircraft Cable

LSA Aircraft Cable Kit Non Power Feed, 150" Length - LSA-1-CABLE

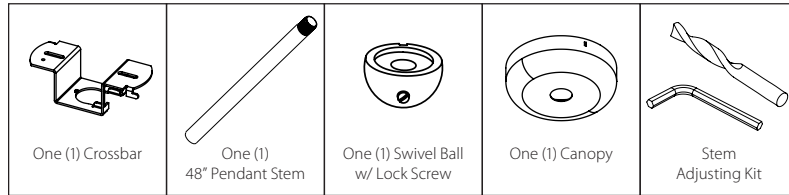


LSA Aircraft Cable Kit Power Feed, 150" Length - LSA-1-CABLE-PF

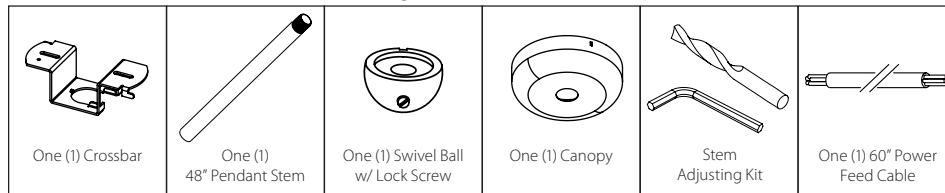


Pendant Mount

LSA, LSQ, LSE Pendant Mount Non Power Feed, 48" Length - LSALSLSQ-1-PENDANT

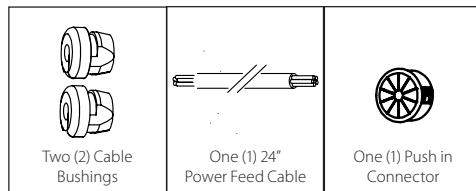


LSA, LSQ, LSE Pendant Mount Power Feed, 48" Length - LSALSLSQ-1-PENDANT-PF



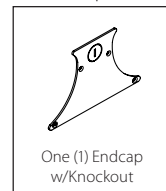
Surface Mounting

LSA Surface Mount Power Feed Kit - LSA-1-SURFACE-PF



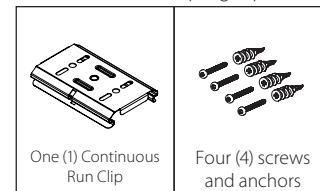
Endcap w/Knockout

LSA Endcap W/Knockout & EVA - LSA-1-ENDCAPKIT



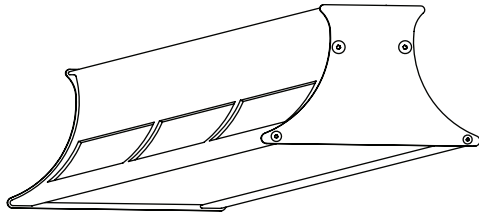
Continuous Run

LSA Continuous Run Spring Clip - LSA-1-CR-CLIP

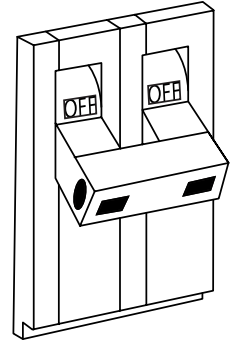


GENERAL STEPS

Carefully unpack fixture from packaging and inspect for any damage caused in shipping.



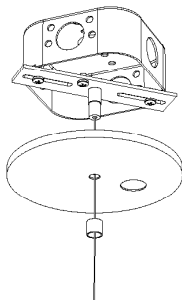
Turn off power to appropriate circuit at the breaker box.



AIRCRAFT CABLE MOUNT

Step 1: PREPARE CANOPIES AND AIRCRAFT CABLES

Install canopy as shown.



Mounting Dimensions

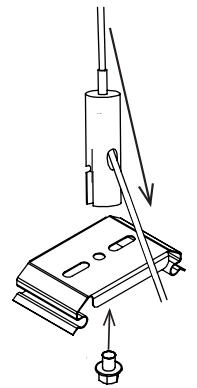
Length	A
6'	48"

Power Feed Side
Install crossbar to J-box



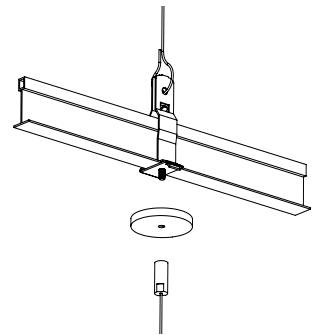
Non-Power Feed Side
Install to anchor bolt
(by others)

Install grip lock to cable leaving extra cable loose. Install surface mount brackets by twisting grip lock and screw together.



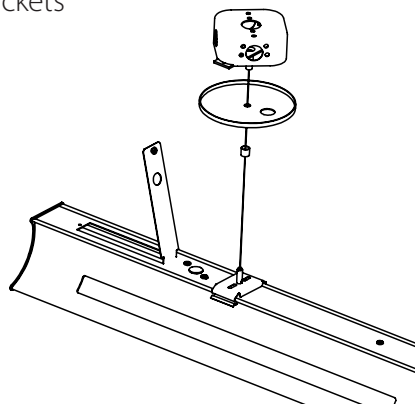
If installing in a drop ceiling.

Attach the drop ceiling bracket to the main tee for the non-power feed side. Install the cable coupler with the aircraft cable to the screw with the canopy cover in place.

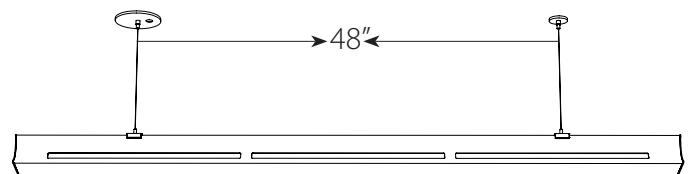


Step 2: FIXTURE INSTALLATION

Snap surface mount brackets onto fixture.

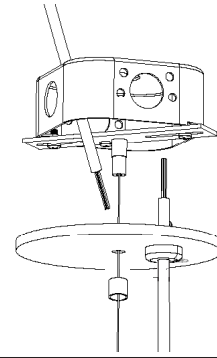
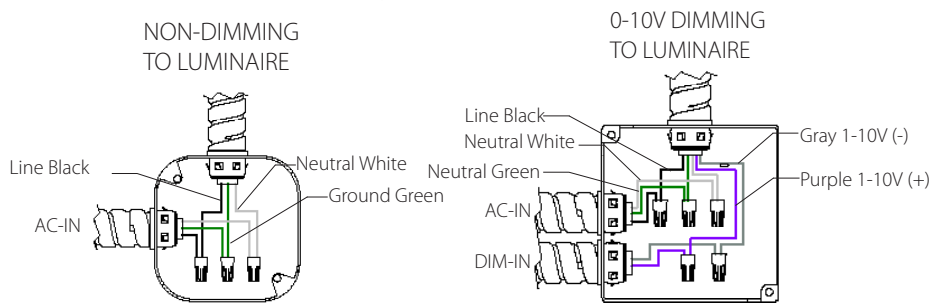


Adjust cable length.

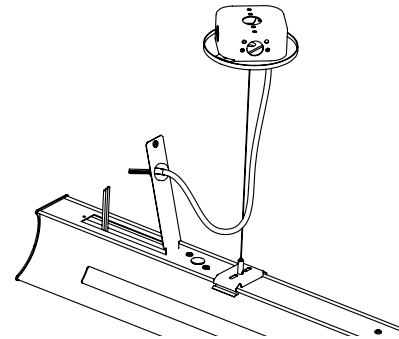
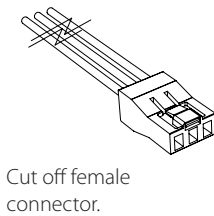


Step 3: ELECTRICAL CONNECTIONS

Install power cord on canopy using provided bushing.

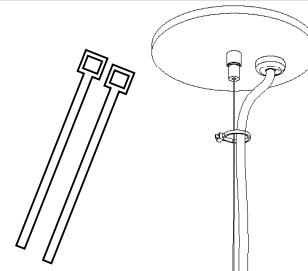


Open wiring compartment, remove designated knockout. Make electrical connections per wiring diagram. Close wiring cover.



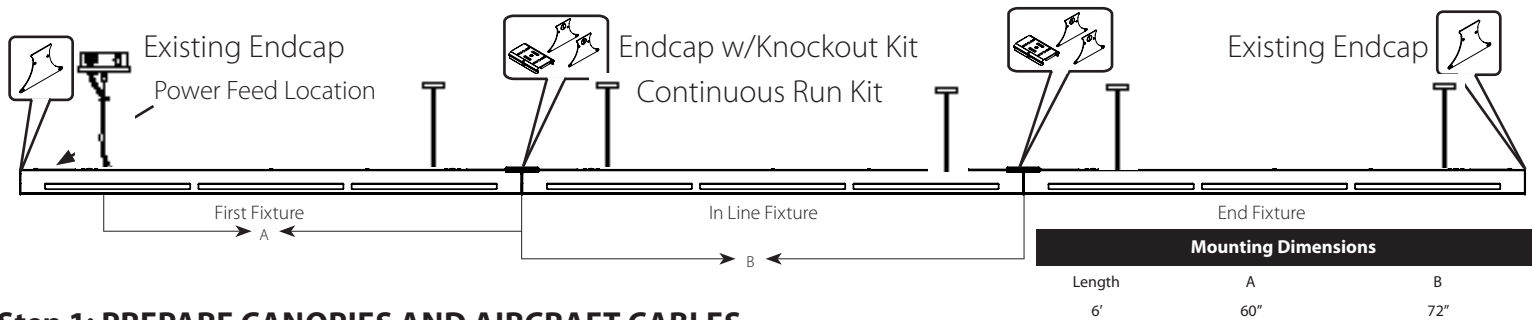
Step 4: ATTACH CABLES

Use two (2) wire ties to secure branch circuit to aircraft cable on power feed side of fixture.



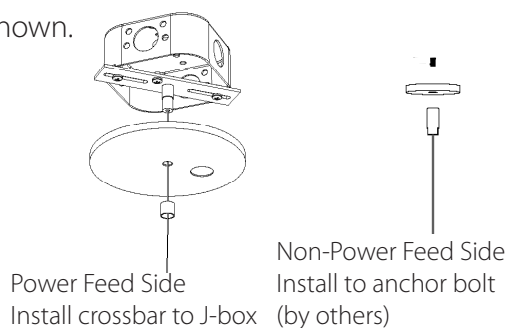
AIRCRAFT CABLE MOUNT - CONTINUOUS RUN

LSA Typical Continuous Run Installation Kits

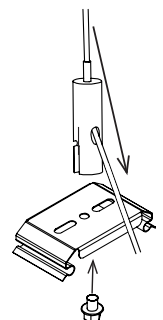


Step 1: PREPARE CANOPIES AND AIRCRAFT CABLES

Install canopy as shown.

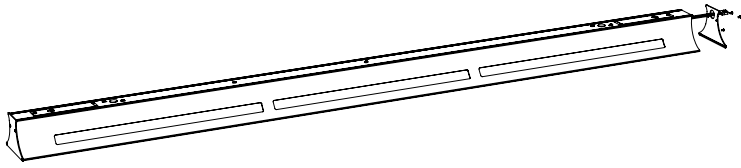


Install grip lock to cable leaving extra cable loose. Install surface mount brackets by twisting grip lock and screw together.

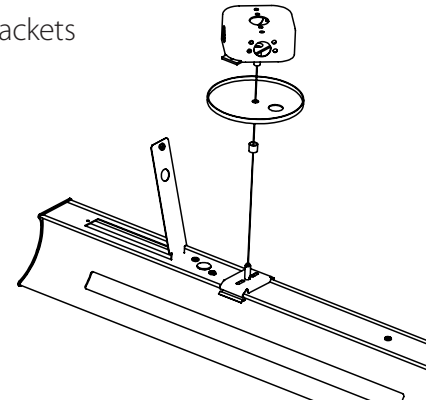


Step 2: START FIXTURE

Swap endcap using the appropriate kit. Feed the dimming wires if required through knockout.

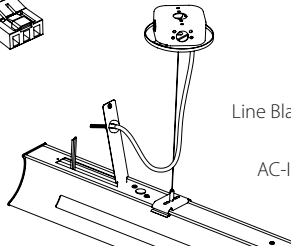
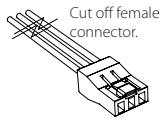


Snap surface mount brackets onto fixture.

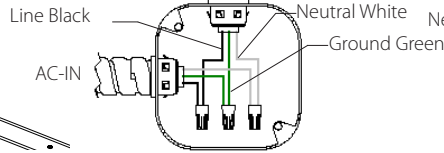


Step 3: ELECTRICAL CONNECTIONS

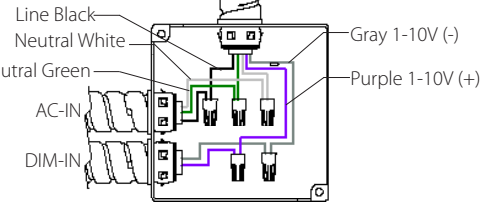
Open wiring compartment, remove designated knockout. Make electrical connections per wiring diagram. Close wiring cover.



NON-DIMMING TO LUMINAIRE

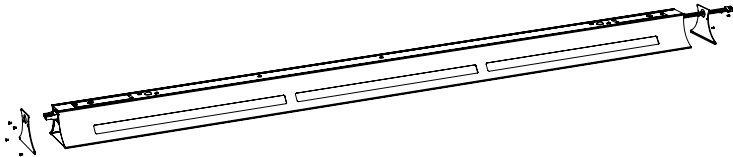


0-10V DIMMING TO LUMINAIRE

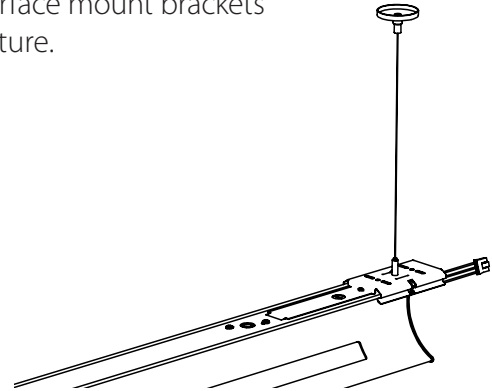


Step 4: IN-LINE FIXTURE

Swap end caps using the appropriate kits. Feed the dimming wires if required through knockout.

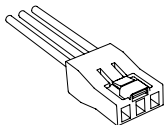


Snap surface mount brackets onto fixture.

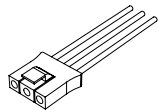


Step 5: ELECTRICAL CONNECTIONS

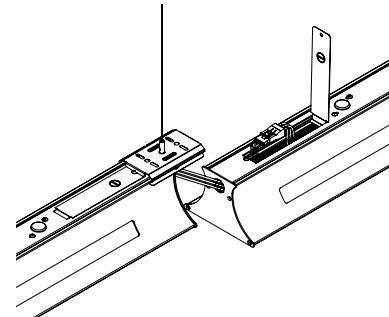
Connect male quick connector from the start fixture to the female quick connector of the in-line fixture. Snap continuous run bracket into place.



Female connector

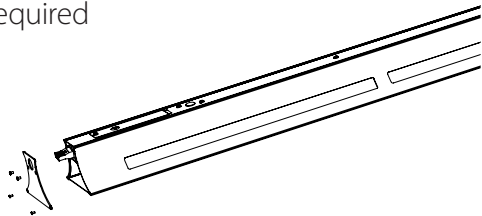


Male connector

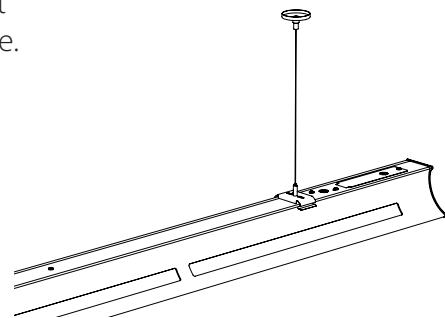


Step 6: END FIXTURE

Swap end caps using the appropriate kits. Feed the dimming wires if required through knockout.

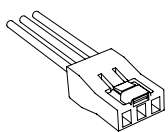


Snap surface mount brackets onto fixture.

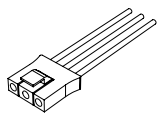


Step 7: ELECTRICAL CONNECTIONS

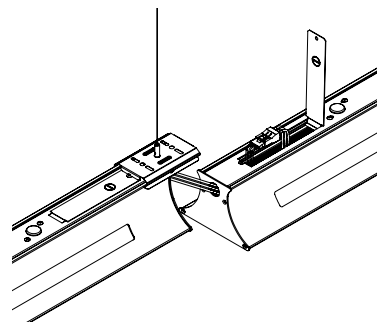
Connect male quick connector from the in-line fixture to the female quick connector of the end fixture. Snap continuous run bracket into place.



Female connector



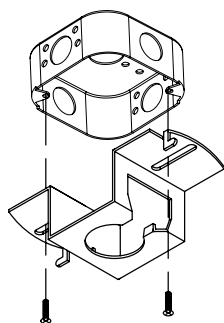
Male connector



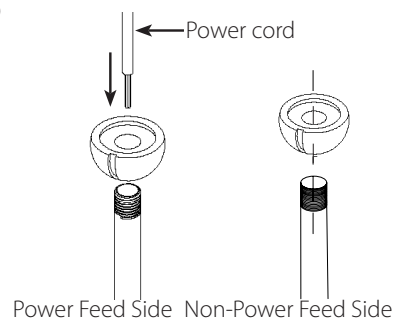
PENDANT STEM MOUNT

Step 1: PREPARE STEMS AND CANOPIES FOR INSTALLATION

Install the crossbar assemblies in the same direction to both J-Boxes using two fasteners per side (not provided).

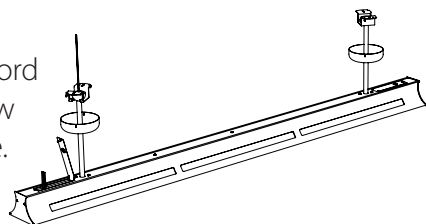


Thread pendant stem into swivel ball, as shown. For different pendant length, cut from the exterior threaded side of the stem then insert into swivel ball and set locking screw.

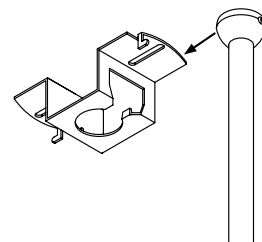


Step 2: FIXTURE INSTALLATION

Install pendant stems by removing the pendant cover caps, feed power cord through fixture, and screw pendant stems into place.

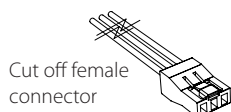
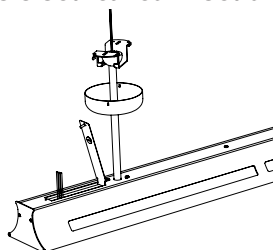


Lift fixture to the crossbar assemblies, and slide swivel balls into place.

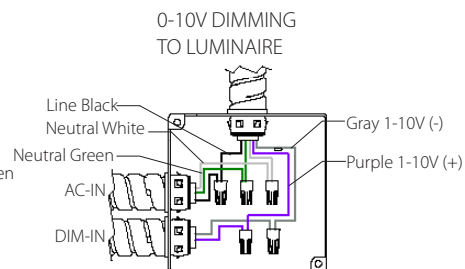
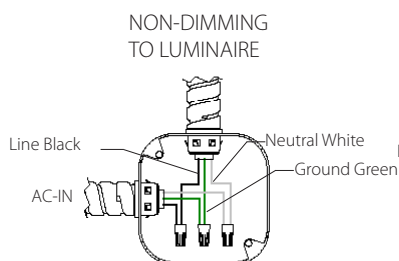


Step 3: ELECTRICAL CONNECTIONS

Make electrical connections. Close fixture.

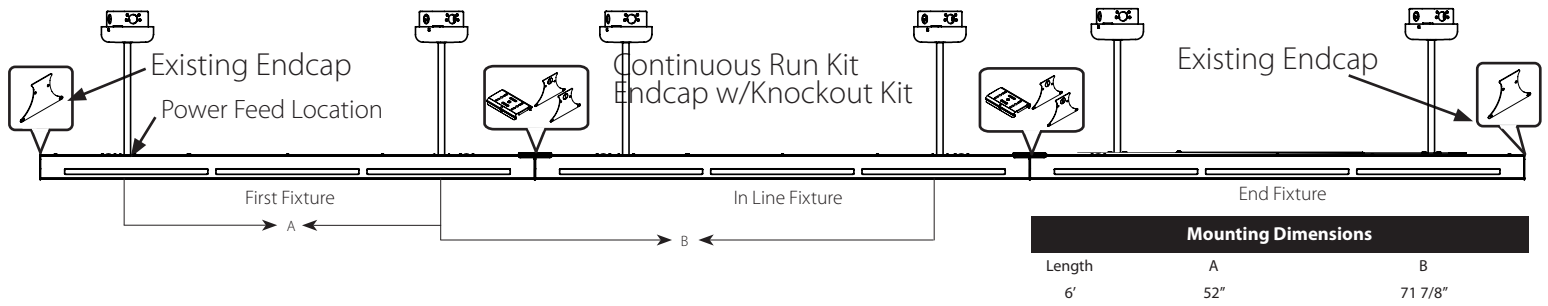


Cut off female connector



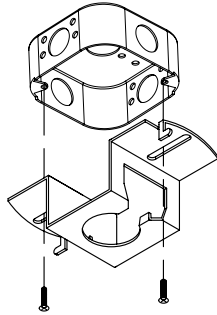
PENDANT STEM MOUNT - CONTINUOUS RUN (Knockout on endcap required)

LSA Typical Continuous Run Installation Kits

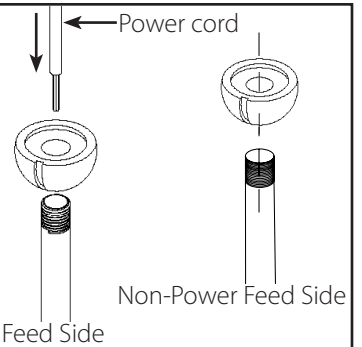


Step 1: PREPARE STEMS AND CANOPIES FOR INSTALLATION

Install the crossbar assemblies in the same direction to both J-Boxes using two fasteners per side (not provided).

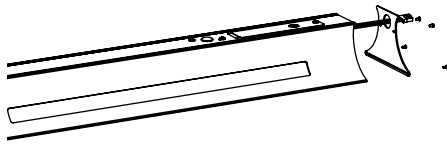


Thread pendant stem into swivel ball, as shown. For different pendant length, cut from exterior threaded side of the stem then insert into swivel ball and set locking screw.

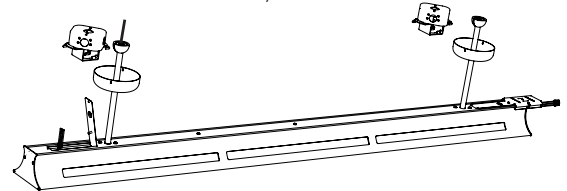


Step 2: START FIXTURE

Swap end cap using the appropriate kits. Feed the dimming wires if required through knockout.

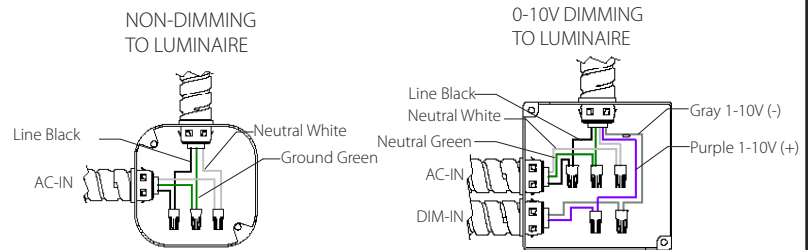
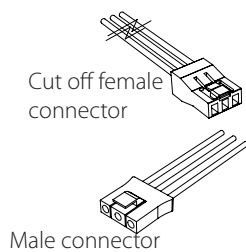
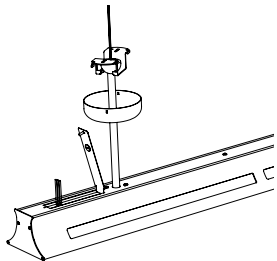


Install pendant stems onto fixture by removing the pendant cover cap, feed power cord through fixture, and screw stems into place. Install continuous run bracket on fixture, lift to the crossbar assemblies, and slide swivel balls into place.



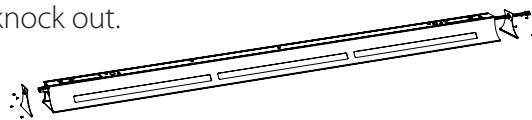
Step 3: ELECTRICAL CONNECTIONS

Make electrical connections.

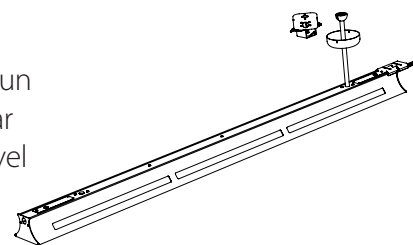


Step 4: IN-LINE FIXTURE

Swap end caps using the appropriate kits. Feed the dimming wires if required through knock out.

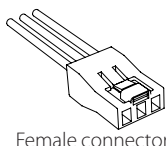


Install pendant stem by removing the pendant cover cap, and screw into place. Install continuous run bracket, lift to the crossbar assemblies, and slide swivel balls into place.

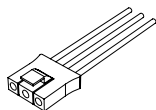


Step 5: ELECTRICAL CONNECTIONS

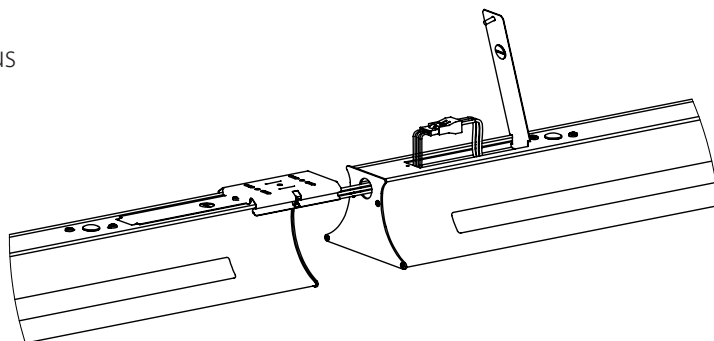
Connect male quick connector from the start fixture to the female quick connector of the in-line fixture. Snap continuous run brackets into place.



Female connector

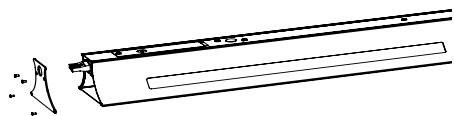


Male connector

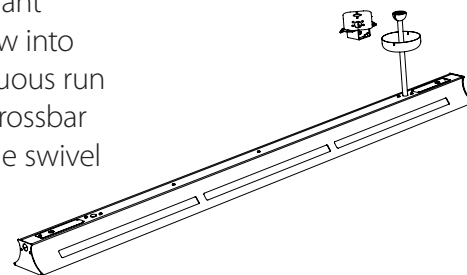


Step 6: END FIXTURE

Swap end caps using the appropriate kits. Feed the dimming wires if required through knockout.

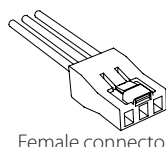


Install pendant stem by removing the pendant cover cap, and screw into place. Install continuous run bracket, lift to the crossbar assemblies, and slide swivel balls into place.

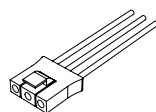


Step 7: ELECTRICAL CONNECTIONS

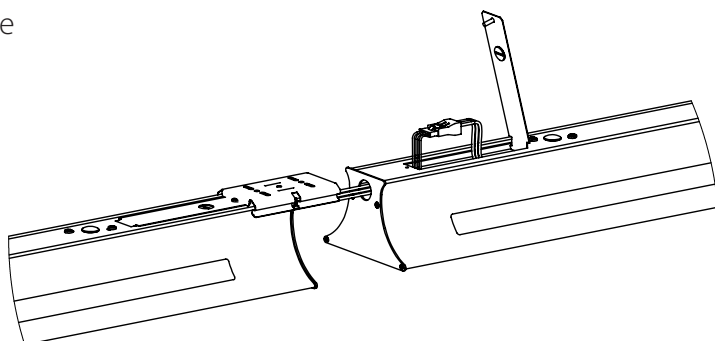
Connect male quick connector from the in-line fixture to the female quick connector of the end fixture. Snap continuous run brackets into place.



Female connector



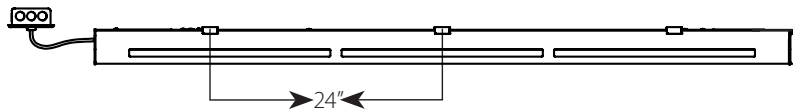
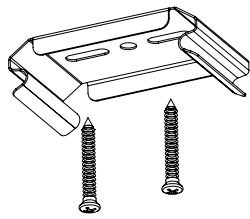
Male connector



SURFACE MOUNT

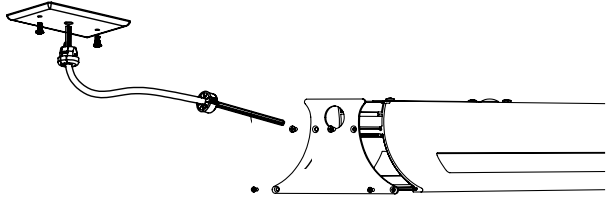
Step 1: PREPARE BRACKETS AND SURFACE

Install three (3) surface mount brackets to the mounting surface using appropriate hardware.

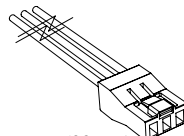


Step 2: FIXTURE INSTALLATION

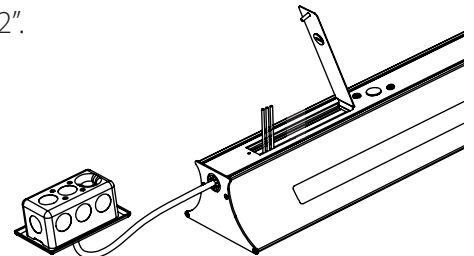
Swap endcap using appropriate kit. Install the power cord using bushing.



Make wiring connections inside fixture then snap fixture into surface mount brackets. Maximum distance from J-box to power feed location is 12".

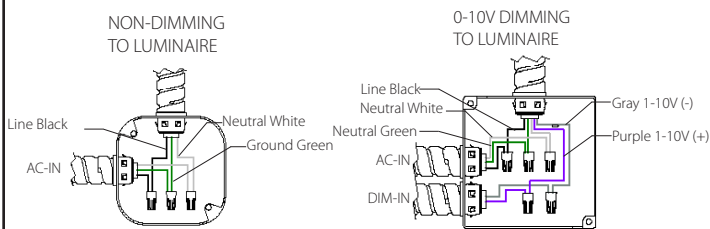


Cut off female connector



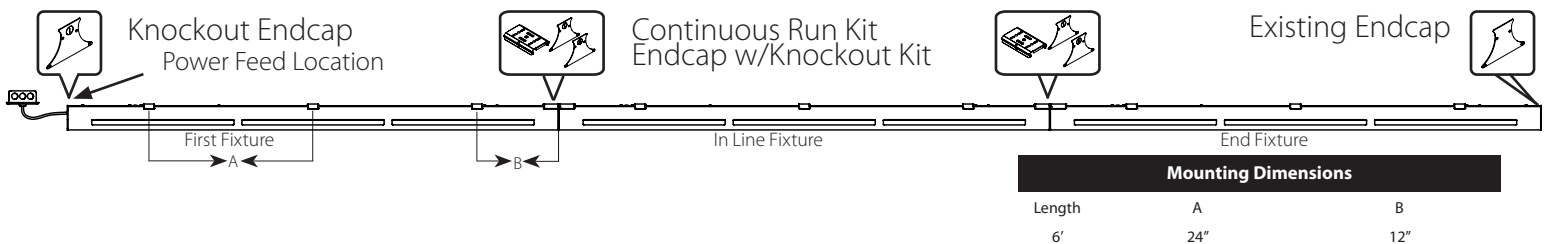
STEP 3: ELECTRICAL CONNECTION

Make electrical connections in the J-box.



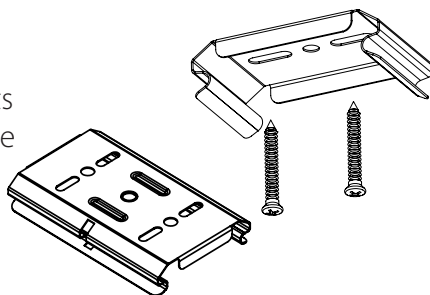
SURFACE MOUNT - CONTINUOUS RUN

LSA Continuous Run Layout



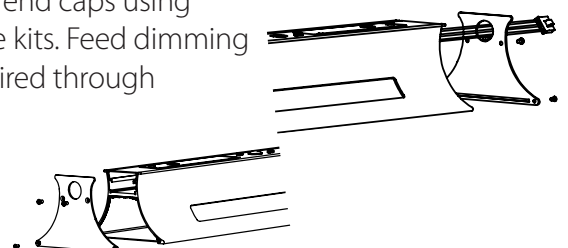
Step 1: PREPARE BRACKETS AND SURFACE

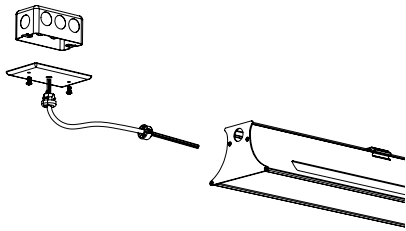
Install three (3) surface mount brackets and continuous run brackets to the mounting surface using appropriate hardware. (Refer to the diagram above)



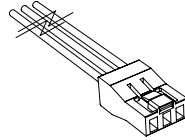
Step 2: START FIXTURE

Swap both end caps using appropriate kits. Feed dimming wire if required through knockout.

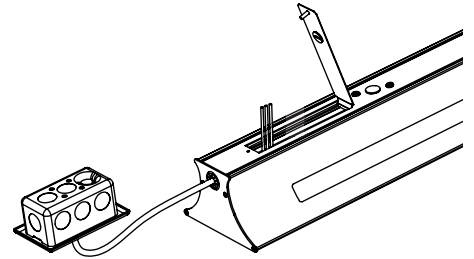




Install the power cord using bushing.



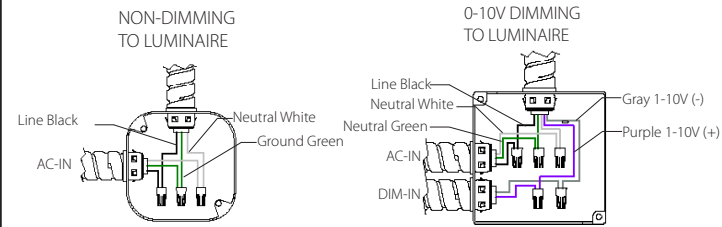
Cut off female connector



Make wiring connections inside fixture then snap fixture into steel spring brackets. Maximum distance from J-box to power feed location is 12".

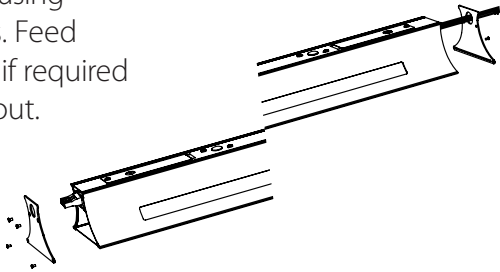
STEP 3: ELECTRICAL CONNECTION

Make electrical connections in the J-box.



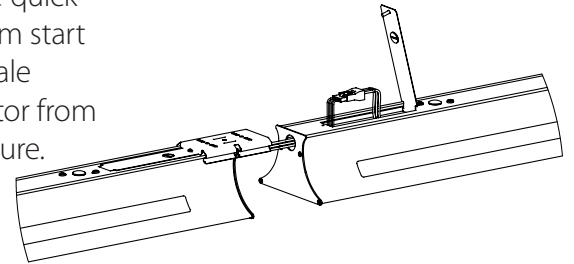
Step 4: IN-LINE FIXTURE

Swap endcaps using appropriate kits. Feed dimming wires if required through knockout.



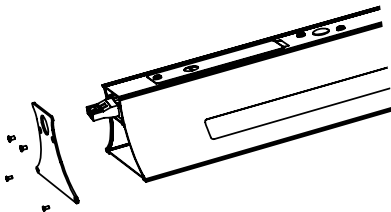
Step 5: ELECTRICAL CONNECTIONS

Connect male quick connector from start fixture to female quick connector from the in-line fixture.



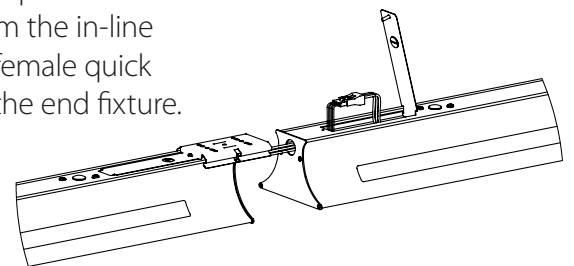
Step 6: END FIXTURE

Swap endcap using appropriate kit. Feed dimming wires if required through knockout.



Step 7: ELECTRICAL CONNECTIONS

Connect male quick connector from the in-line fixture to the female quick connector of the end fixture.



GENERAL STEPS

Confirm fixture is securely attached to mounting surface.

Turn power ON and verify fixture is lit.

Sensor Installation

1. Replace existing endcap with new endcap with Knockout hole. Remove knockout to install sensor.
2. Wire sensor to fixture follow wiring instructions provided by sensor manufacture.
3. Reinstall endcap. Do not over tighten screws.

LED EXPRESS LIMITED WARRANTY

Subject to the exclusions below, each NICOR LED product, including the LED electronics and components of a property installed NICOR LED product, will be free from defect in materials and workmanship for a period of five (5) years from the original date of purchase. The product shall be considered defective only if 10% or more of the product's LED components fail. NICOR LED product warranty covers the following performance criteria: LED Light Output will be maintained above 70% of initial output; LED color temperature will not shift more than 200K in CCT; LED driver will operate within NICOR specifications; and the fixture finish, excluding natural aluminum or brass products, will not exhibit cracking, peeling, excessive fading, or corrosion during the warranty period. Exceptions apply as defined in NICOR's product specification sheets, which are incorporated by reference herein.

This limited warranty is provided to you, the purchaser of the product identified on Seller's invoice, as your exclusive remedy and applies only to NICOR products that have been purchased from an authorized NICOR Distributor; the product was new and in an unopened NICOR package at the time of installation; and the NICOR product was installed by a licensed electrician or under the supervision of a licensed electrician and used by consumers in the United States or Canada when accompanied with this warranty. This warranty extends only to the first consumer purchaser and is not transferable. A consumer wishing to invoke the terms of this limited warranty must first obtain a RGA number within 30 days of discovery of the defect, and return the product to NICOR for inspection. Once verified to be covered by this limited warranty, NICOR will, at its sole discretion, repair, replace, or refund the purchase price of any product that does not conform to this limited warranty. If NICOR, at its sole discretion, determines that the product should be repaired or replaced, this warranty is limited to the reasonable, customary, and necessary costs and expenses associated with the repair/replacement. This warranty requires that all repair/replacement estimates and costs, including but not limited to equipment rental (if any), and any other cost or expense to be incurred in the repair/replacement of the product, be approved in advance and in writing by NICOR. FAILURE TO OBTAIN NICOR'S ADVANCE WRITTEN APPROVAL OF ALL REPAIR/REPLACEMENT COSTS AND EXPENSES IN WRITING SHALL VOID THIS LIMITED WARRANTY.

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- Defects or damages resulting from improper service, testing, adjustment, installation, maintenance, alteration, connection to out-of specification electrical service, corrosive or damp environments, or connection to incompatible equipment or devices (e.g., connecting non-dimmable lighting products to dimmers);
- Damage which occurs in transit;
- Power surges or overheating due to external conditions;
- Acts of nature including but not limited to lightning strikes

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