



**CAUTION**

Turn off the main power at the circuit breaker before installing the fixture in order to prevent possible shock. If you are unfamiliar with proper electrical wiring connections, obtain the services of a qualified electrician.

**GENERAL**

Read all instructions carefully for safe operation and installation. All electrical connections must be in accordance with local and national electrical code (N.E.C.) standards. Remove the fixture and mounting package from the box. Make sure no parts are missing by referencing the illustrations on these Installation Instructions. Please contact Blackjack Lighting at 847-941-0588 if any parts are missing or damaged. This product is suitable for DAMP locations.

**PARTS & ACCESSORIES LIST**

**NOTE:** 2 suspension assemblies are required for 2-ft. to 4-ft. lengths.

3 suspension assemblies are required for between 4-ft. and 8-ft. lengths.



8#-32  
Screws (2)



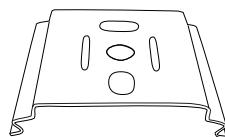
M4\*8  
Screws (2)



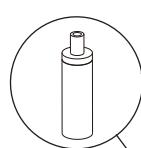
Waterproof  
Connector (1)



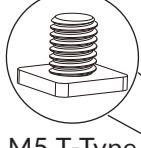
Twist-On Wire  
Connectors (5)



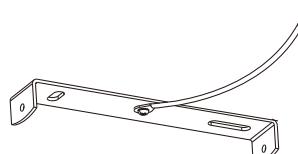
(L) Hanging Clip (2)



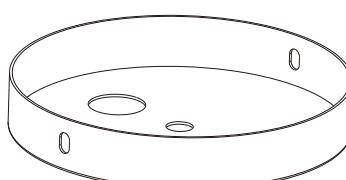
Gripper



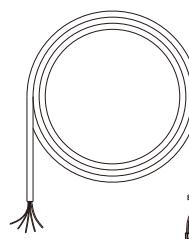
M5 T-Type  
Nuts



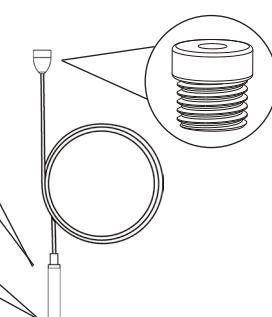
U-Bracket  
with Ground Wire (1)



Canopy (1)



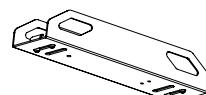
AC Input Cable (1)



Suspension Assembly  
w/Ceiling Mount (2)  
(3 for 8-ft. fixture)



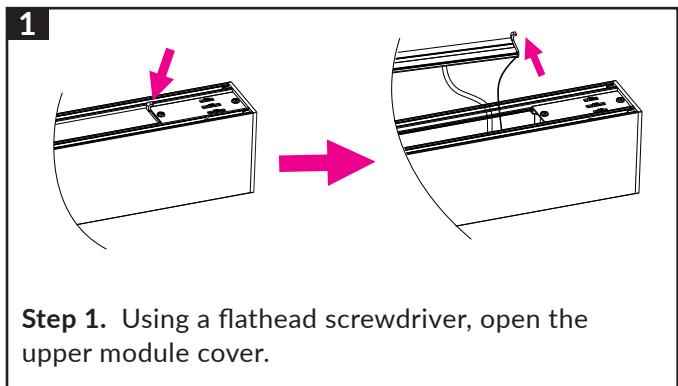
Left & Right Shielding Plates  
(Included only with runs of  
multiple pendants)



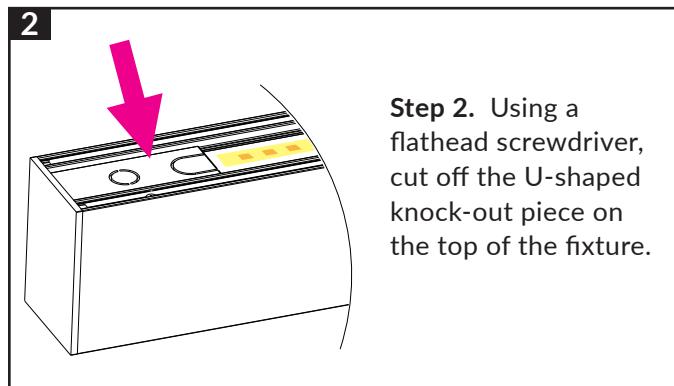
Internal Connector  
(Included only with runs of  
multiple pendants)

*Shielding plates and connector only provided for multiple pendant runs.*

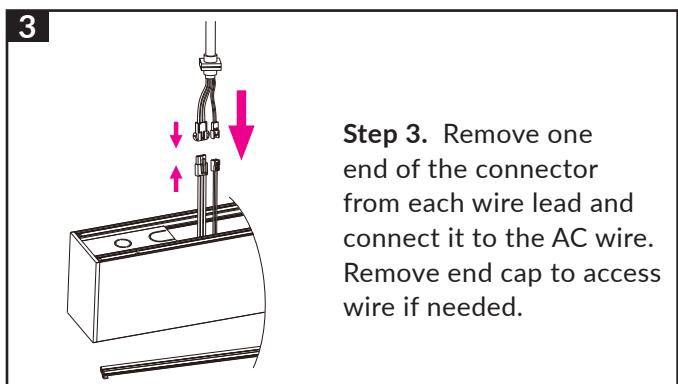
## INSTALLATION for SUSPENDED AIRCRAFT CABLE MOUNTING



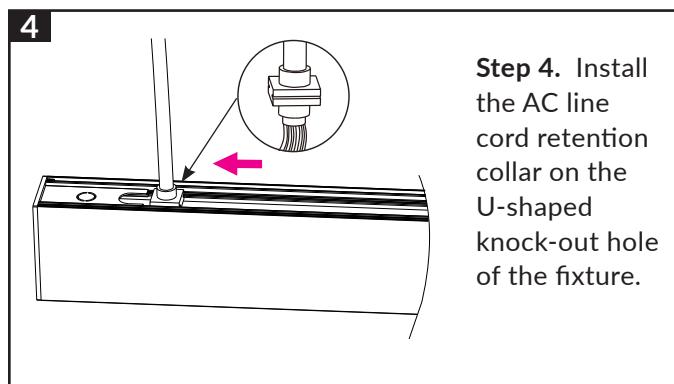
**Step 1.** Using a flathead screwdriver, open the upper module cover.



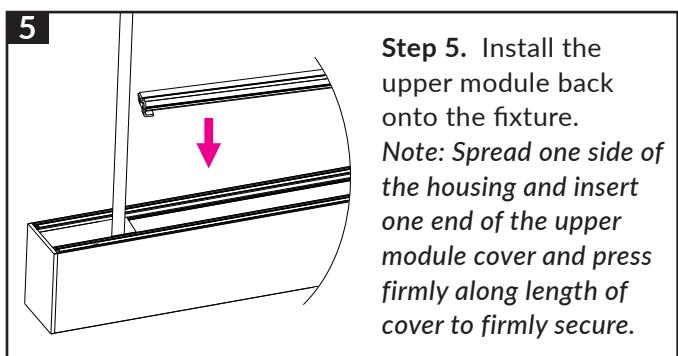
**Step 2.** Using a flathead screwdriver, cut off the U-shaped knock-out piece on the top of the fixture.



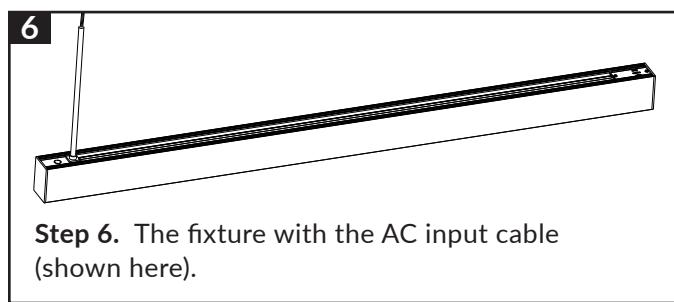
**Step 3.** Remove one end of the connector from each wire lead and connect it to the AC wire. Remove end cap to access wire if needed.



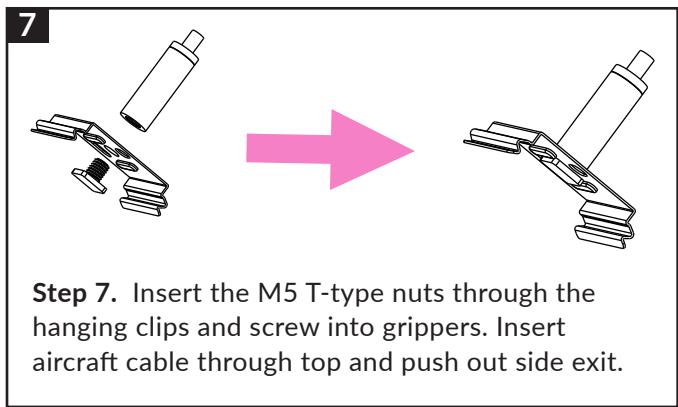
**Step 4.** Install the AC line cord retention collar on the U-shaped knock-out hole of the fixture.



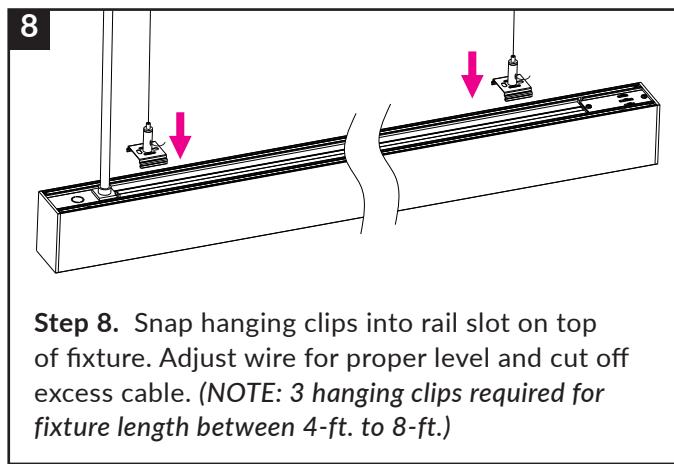
**Step 5.** Install the upper module back onto the fixture.  
*Note: Spread one side of the housing and insert one end of the upper module cover and press firmly along length of cover to firmly secure.*



**Step 6.** The fixture with the AC input cable (shown here).

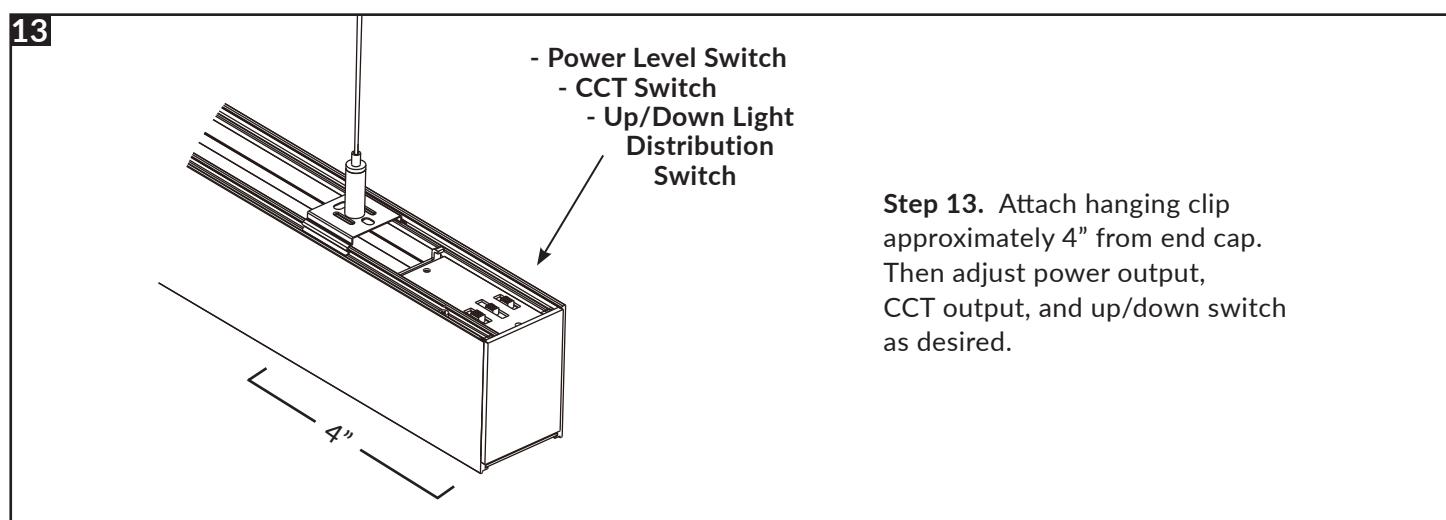
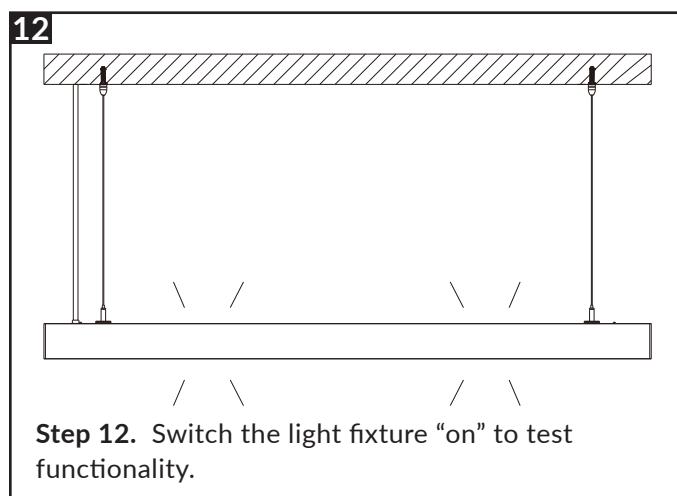
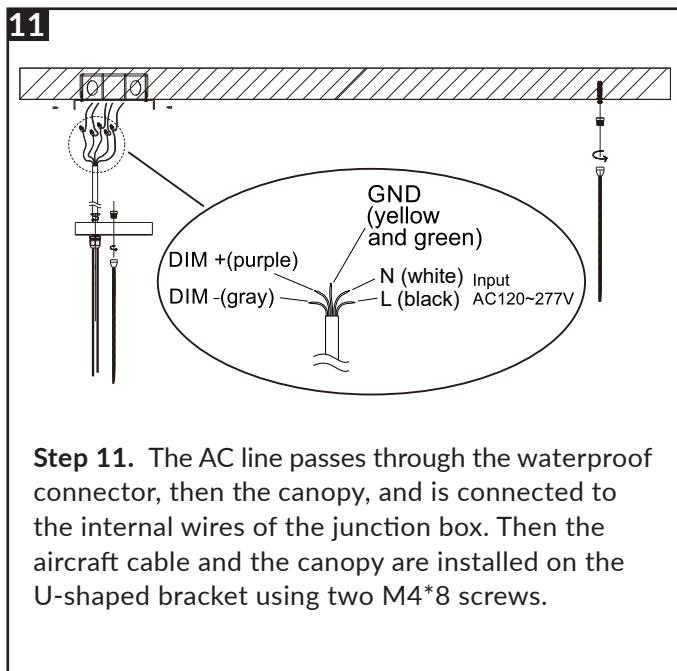
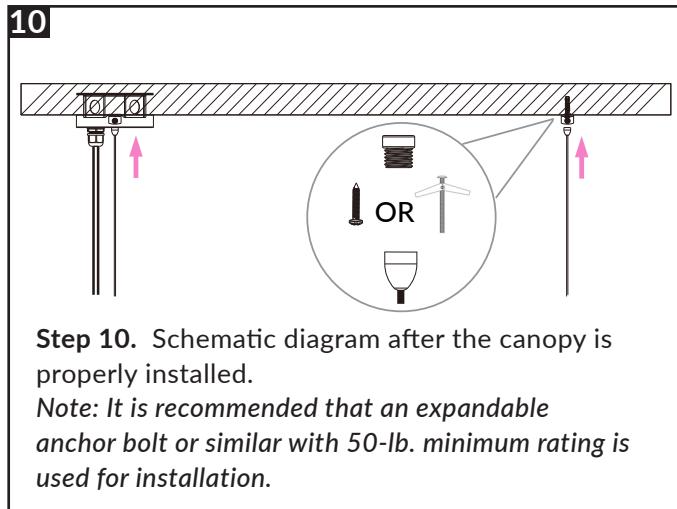
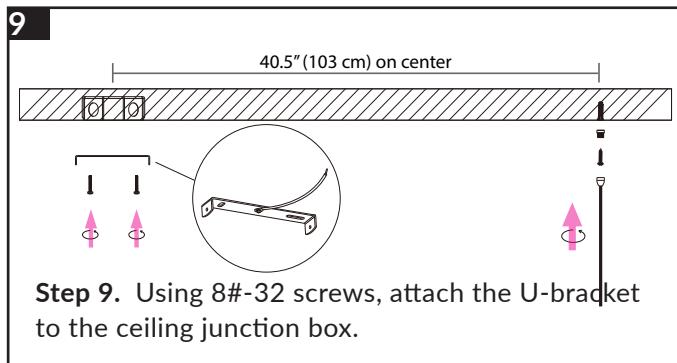


**Step 7.** Insert the M5 T-type nuts through the hanging clips and screw into grippers. Insert aircraft cable through top and push out side exit.



**Step 8.** Snap hanging clips into rail slot on top of fixture. Adjust wire for proper level and cut off excess cable. (NOTE: 3 hanging clips required for fixture length between 4-ft. to 8-ft.)

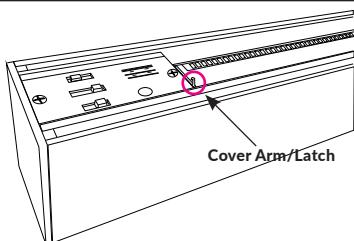
**INSTALLATION for SUSPENDED AIRCRAFT CABLE MOUNTING (continued)**



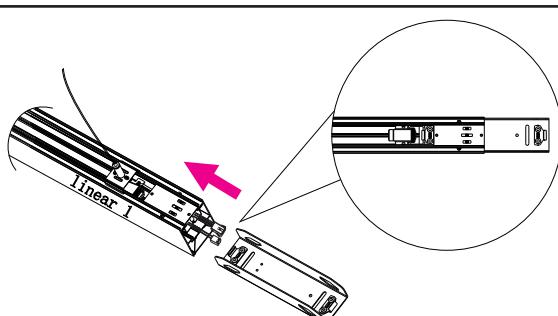
## INSTALLATION of MULTIPLE PENDANTS

### NOTE

If linear 1 is already mounted to the ceiling, detach it from the mounting clips. Allow the fixture to hang from the safety wires. Then, at the arm/latch, use flathead screwdriver to remove the LED cover.

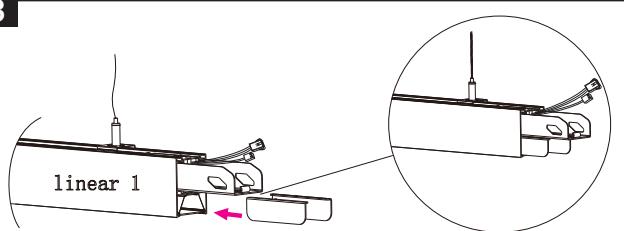


**2**



Step 2. Slide hanging clip away from end of fixture. Pull out interconnecting cables. Insert internal connector into the fixture body, and use spring latch to fasten the hook.

**3**



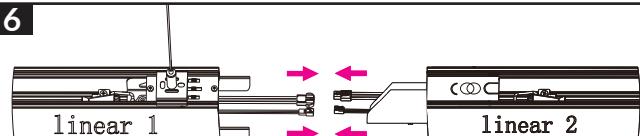
Step 3. Insert the left and right shielding plates into the fixture body, respectively.

**5**

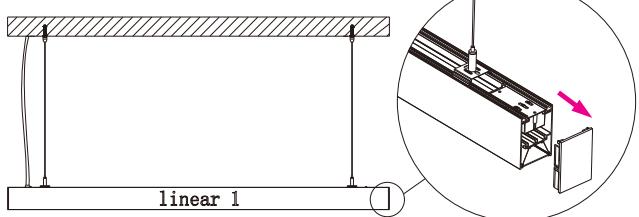


Step 5. Remove upper module cover of linear fixture 2.

**6**

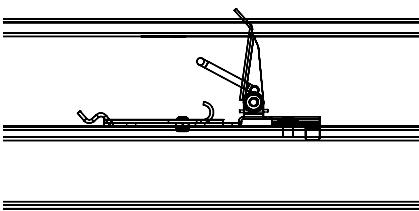


**1**



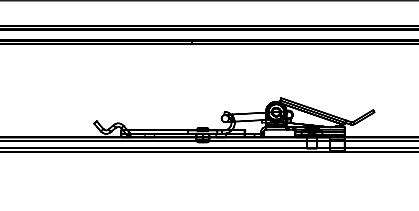
Step 1. Remove one end cap, as well as the uplight module/blank, from first powered fixture (linear 1).

**2A**



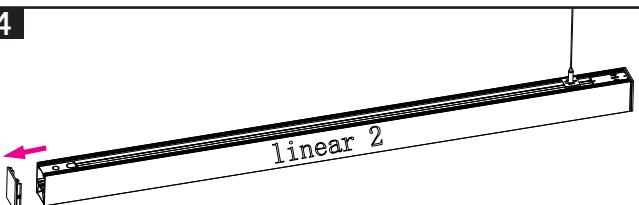
Step 2A. Pull back lever on internal spring latch.

**2B**



Step 2B. Secure joiner on internal spring latch.

**4**

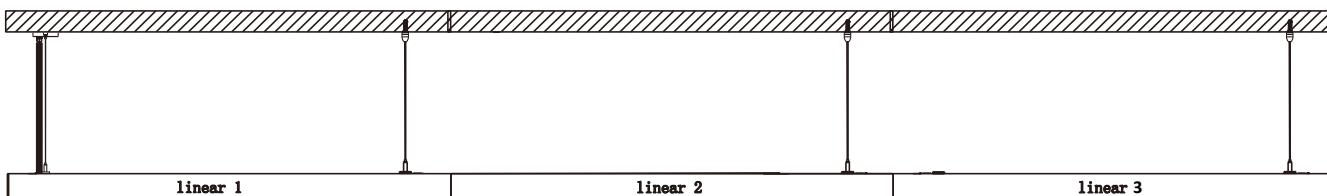


Step 4. Attach hanging clips with aircraft cable to linear fixture 2. Remove end cover of linear fixture 2.

**6**

Step 6. Connect the joiner (see Steps 2A and 2B) and the 3-wire bundle (green, black, white) and the 2-wire bundle (if required) between linear fixture 1 and linear fixture 2. Re-attach upper module cover on linear fixtures 1 and 2.

**8**



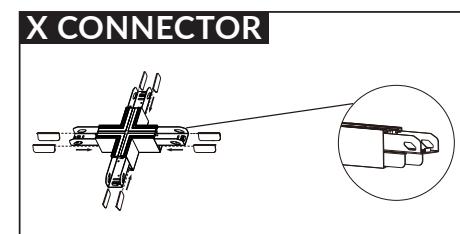
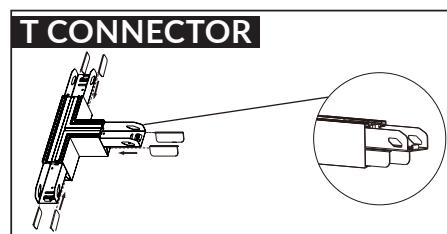
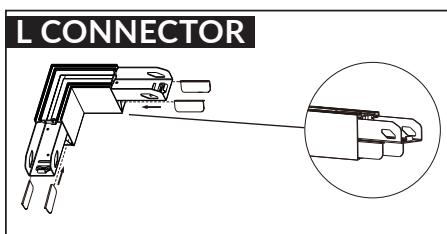
**Step 8.** Follow the steps above to connect fixtures together. The fixtures in the middle can be connected to both sides. After the connection is completed, adjust the balance of the fixtures using the aircraft cable, and once it is level, you can power on the fixture.

**NOTE:** 2 suspension assemblies should be placed every 4 feet, on center, minimum.

**NOTE:** Maximum run length not to exceed 720W.

$30W = (24) \text{ 4-ft. fixtures} / 40W = (18) \text{ 4-ft. fixtures} / 50W = (14) \text{ 4-ft. fixtures}$

## INSTALLATION of SHORT-LENGTH L/T/X SPLICING COMPONENTS with DUAL-SIDE ILLUMINATION



### SPLICING DIAGRAM

