Installation Instructions

IMPORTANT SAFEGUARDS
When using electrical equipment, the following safety precautions should always be taken:

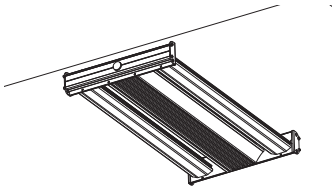
READ AND FOLLOW ALL SAFETY INSTRUCTIONS BEFORE INSTALLATION

1. To avoid the possibility of electrical shock, turn off power supply before installation or servicing.
2. Product must be installed in accordance with NEC and your local electrical code. If you are not familiar with these codes and requirements, consult a qualified electrician.
3. Ensure the mounting surface is capable of supporting the weight of the luminaire before installation.
4. For wet locations, sealant between Myers Hub and electronics channel is required.

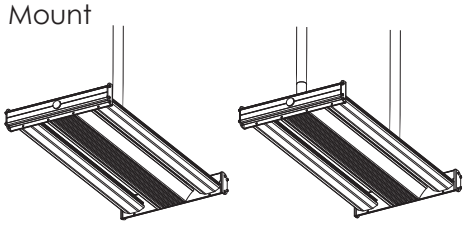
SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE

Document Contents

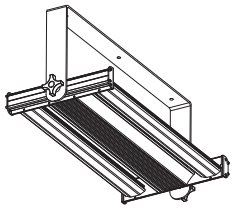
Surface Mount (page 2)



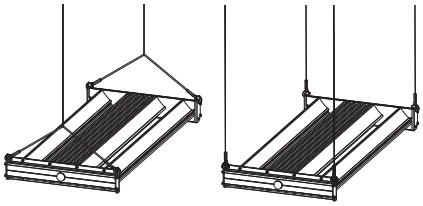
Rigid Stem Mount (page 3)



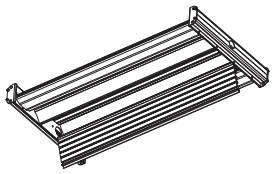
Yoke Mount (page 4)



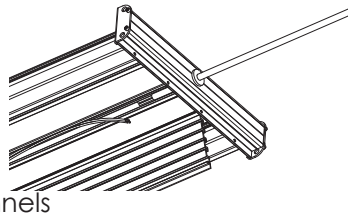
Cable Mount (page 5)



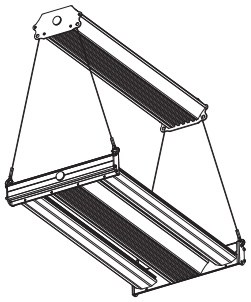
Channel Access (page 6)



Installing a Cord (page 7)



Remote Driver Channels (page 8)

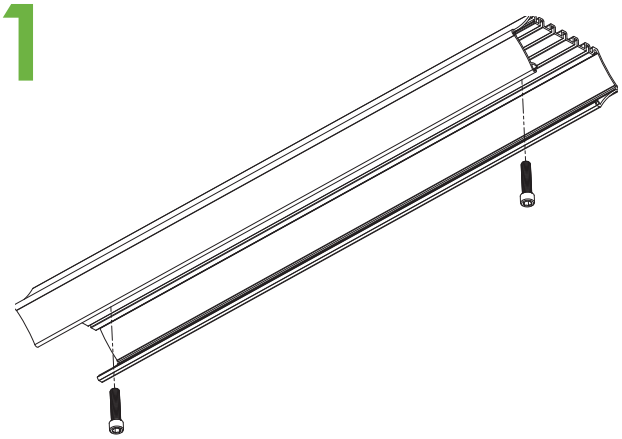


Electrical Connections (page 9)

To Install: **Surface Mount**

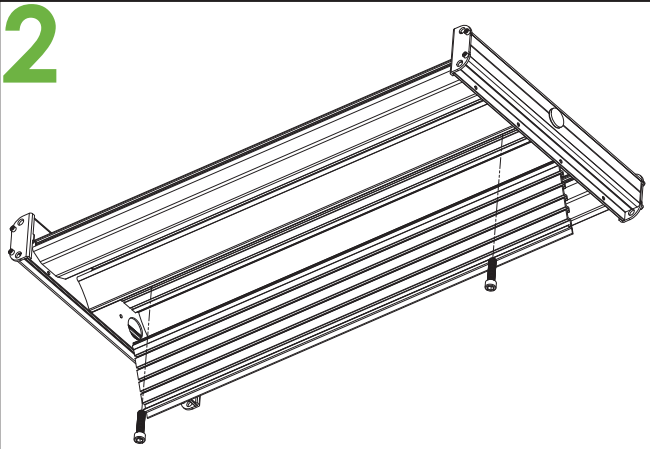
For use with options: **SM, SMH**

1



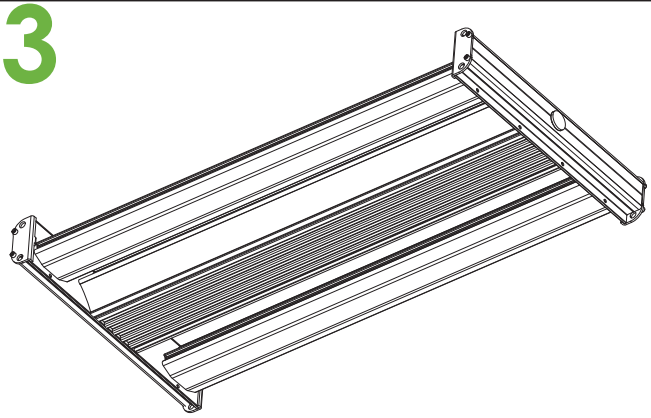
Depending on the mounting option chosen, electronics channel may or may not ship with machined mounting holes. Ensure the mounting surface can support the weight of the fixture.

2



Open the electronics channel as seen on page 6. Ensure the fixture is flush against the mounting surface and secure the fixture using mounting hardware (not included). Ensure the mounting hardware is not excessively tight to avoid deformation of the electronics channel.

3

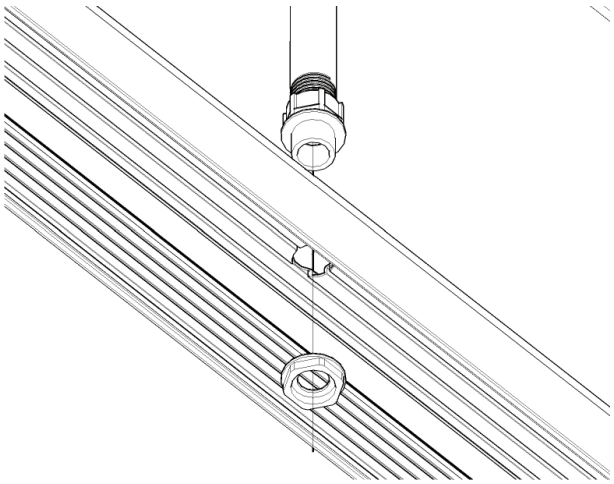


Ensure the fixture's weight is supported until all mounting hardware is secured. Close the electronics channel by snapping the lid into place.

To Install: **Rigid Stem Mount**

For use with options: **MH1, MH1S, MH2, MH2S**
Not available on all configurations, consult Factory

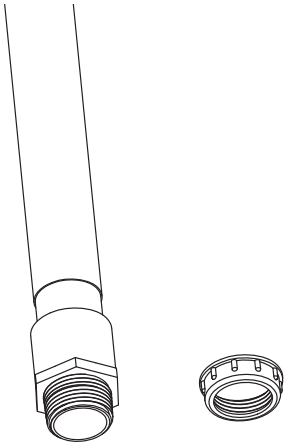
1



Affix Myers Hub to mounting point(s). Align machined mounting point(s) in channel with Myers Hub, and slide the fixture into place. Fasten by threading the provided nut to mounted Myer's Hub.

2

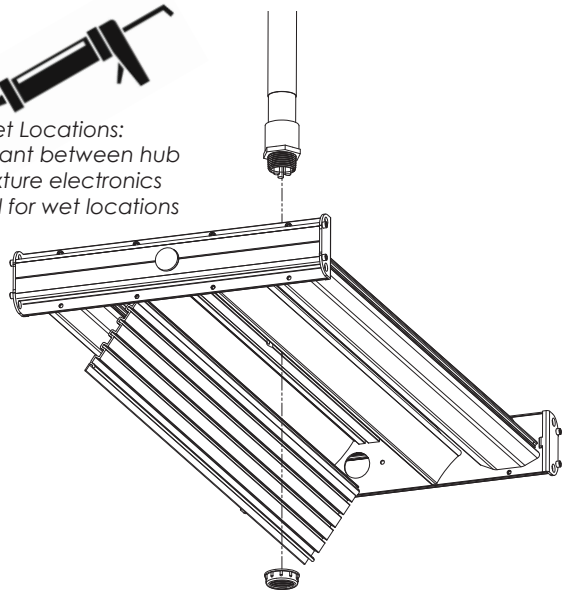
Wet Locations: Use sealant between hub and fixture electronics channel for wet locations



Remove Myers Hub nut and set aside. Tool tighten Hub to the existing stem.

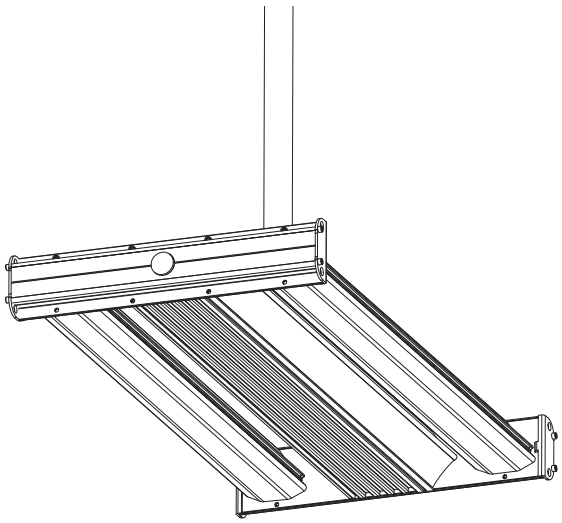
3

Wet Locations: Use sealant between hub and fixture electronics channel for wet locations



Open downward facing lid (see page 6 for lid opening detail). Raise the IK10+ fixture to the stem and secure with Myers Hub nut. Ensure the fixture's weight is properly supported until Myers Hub nut is secure. Not all fixtures may be balanced, contact Factory for swivel-mount options.

4

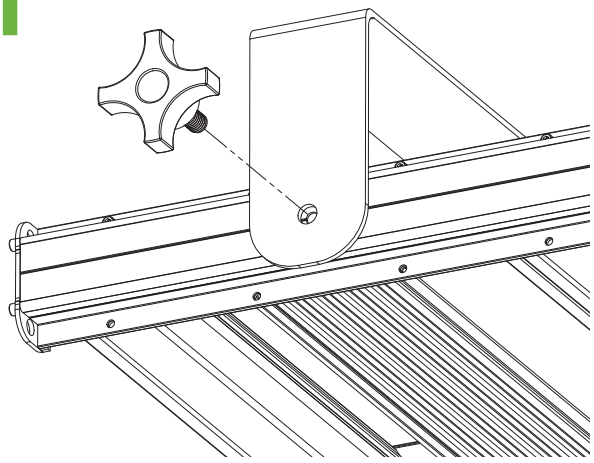


Ensure fixture is level and secure before moving on to electrical connections. Complete electrical connections within the fixture's electronics compartment as seen in the wiring diagram on page 9. Snap electronics compartment closed after electrical connections are complete.

To Install: **Yoke Mount**

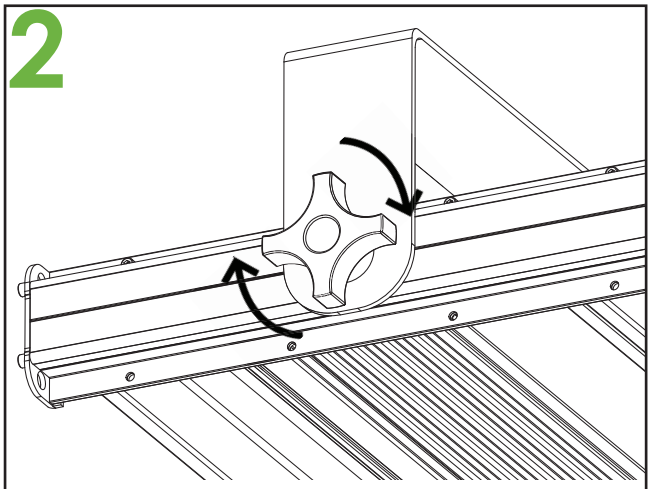
For use with options: **YOKE**

1



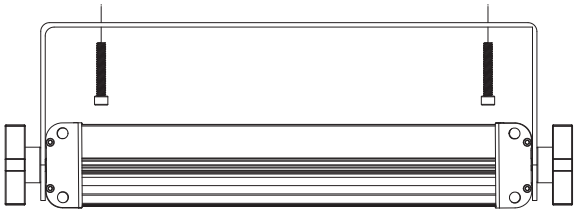
Thread the tension knob through the YOKE and into the fixture endcap.

2



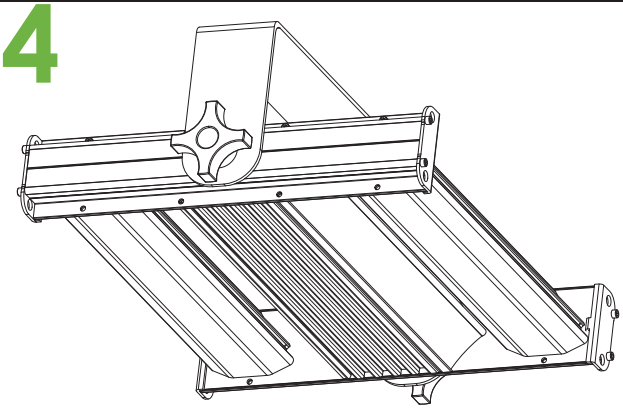
Hand tighten the tension knob on both sides of the fixture.

3



Secure YOKE bracket to mounting surface using appropriate mounting hardware, **not provided.**

4



Ensure YOKE is mounted flush and secure to mounting surface. To adjust aiming angle, loosen the tension knob, rotate fixture to desired position, and tighten the tension knob as shown in step 2.

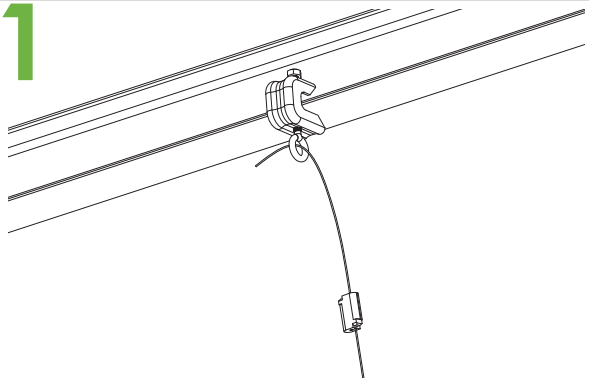
To Install: **Cable Mounting**

For use with options: **XXY**

4PXX, 4PXXS

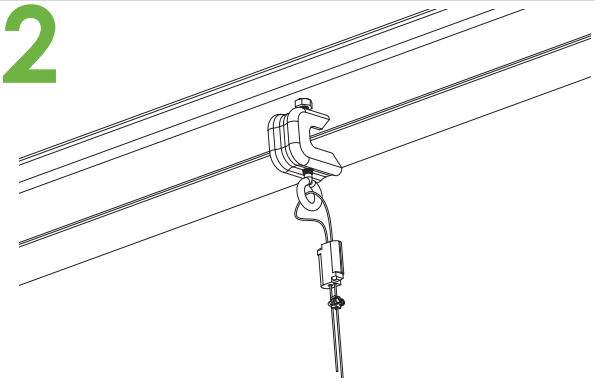
"XX" denotes cable length

1



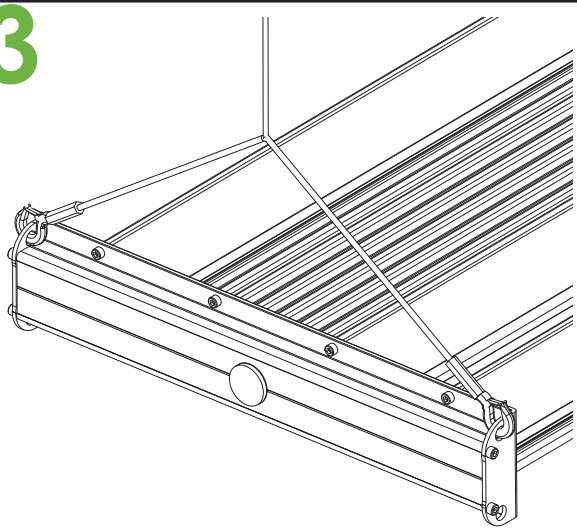
Insert end of cable into the friction lock and through the mounting point.

2



Thread end of cable through other mouth of cable friction lock.

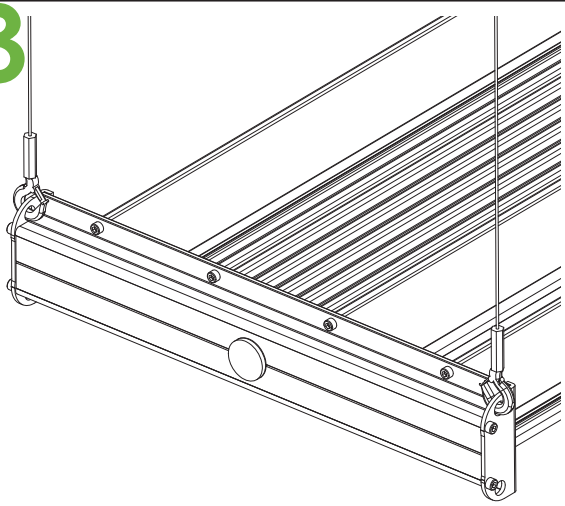
3



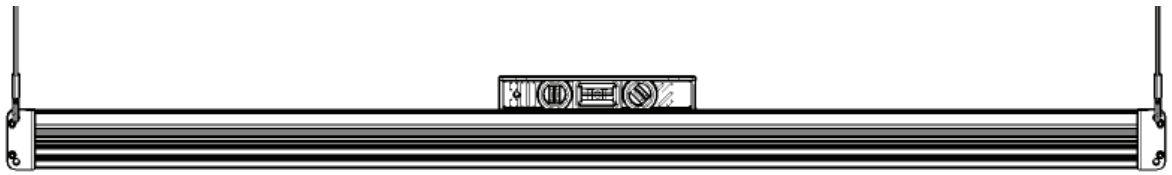
Snap the hooks through the hanging brackets on the ends of each fixture.

OR

3



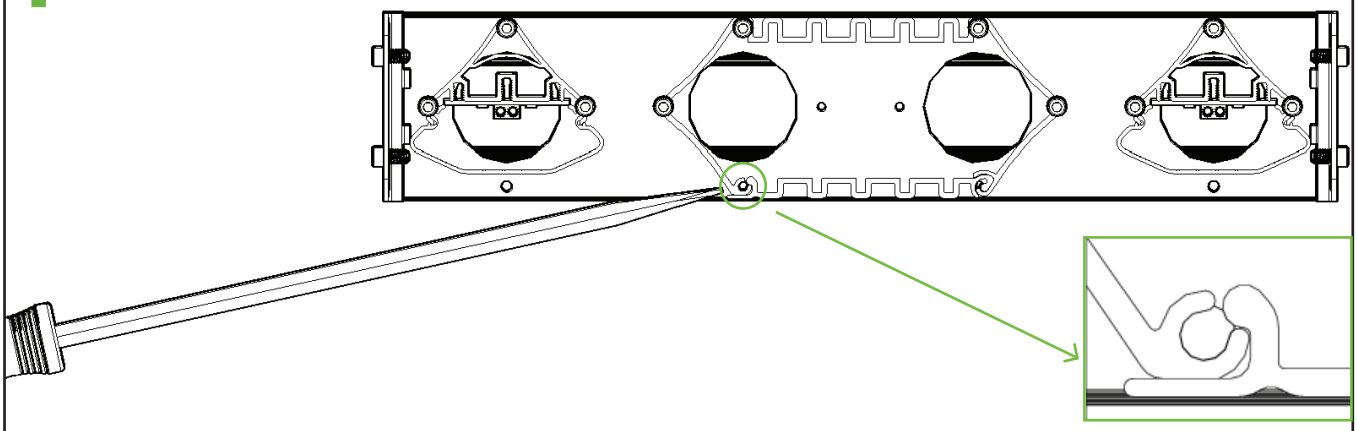
Snap the hooks through the hanging brackets on the ends of each fixture.



Ensure the fixture is hanging level before proceeding.

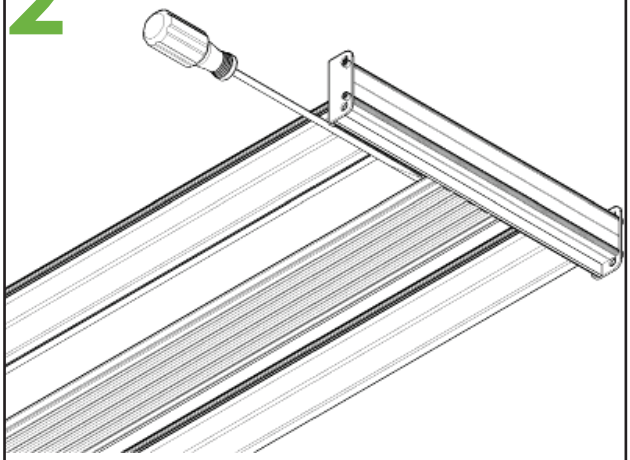
Channel Access

1



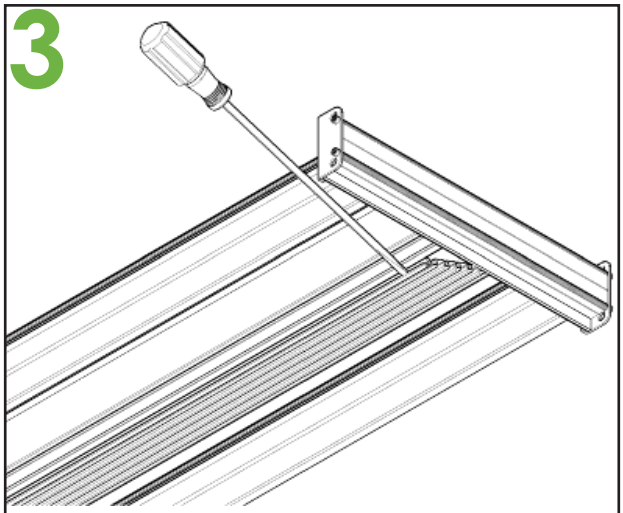
Locate the flanged edge of the channel, opposite the hinge, as seen in the cross section above.

2

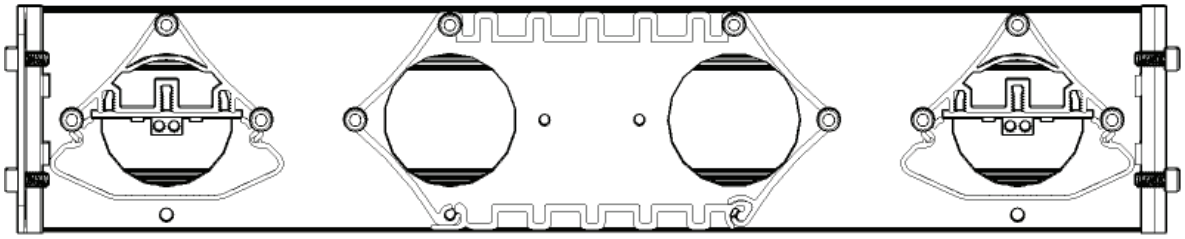


Using your fingers or a flat tool, pry open the hinged lid.

3



You now have access to the channel. The lid will not disjoin from the fixture.

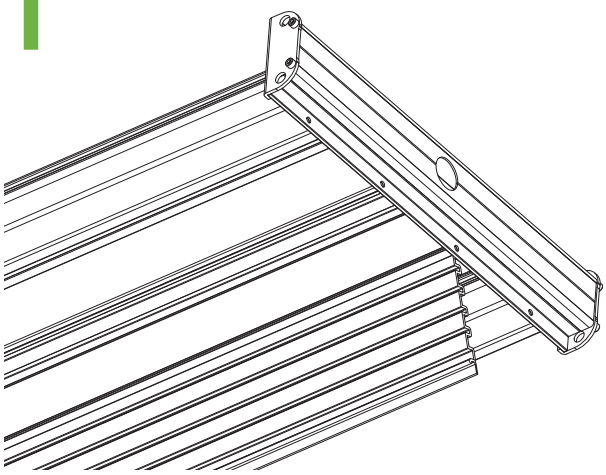


To close, press lid firmly back into place.

To Install: **Cord**

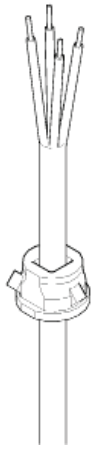
For use when purchasing cords seperately

1



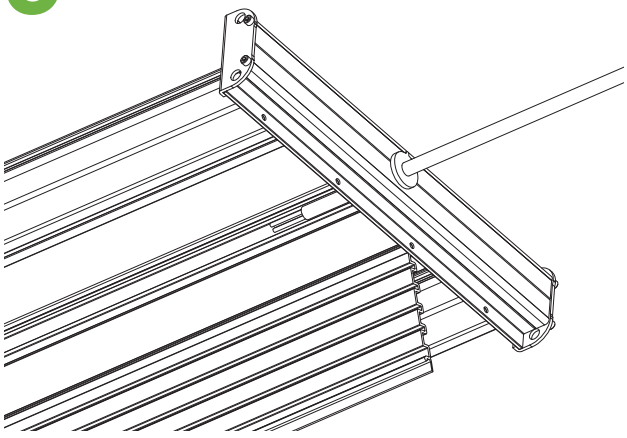
Select the desired end cap for cord location and drill a 7/8" hole where needed.

2



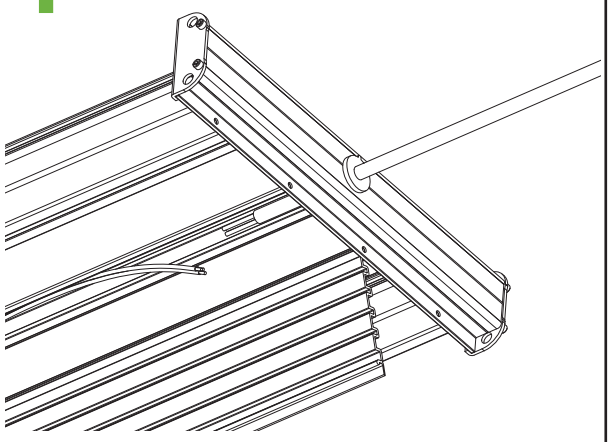
All cords come with a pre-installed Strain Relief Bushing (SRB). The number of conductors varies based on the cord purchased.

3



Fit the SRB into the drilled 7/8" hole, ensuring that the cord is not easily removed by pulling.

4



Connect cord leads to fixture leads with luminaire disconnect, wire nuts, or other means. Connectors required will vary based on fixture and cord type. Follow electrical connections instructions on page 9.

To Install: **Remote Driver Channels**

For use with options: **RMS, RMC**

1

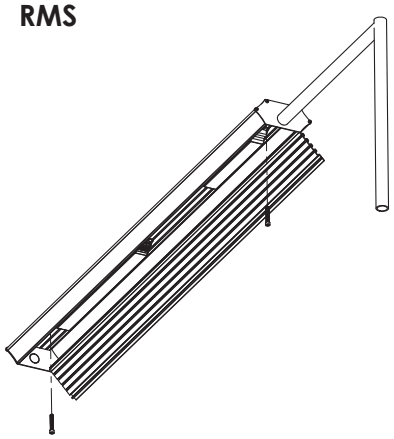
MOUNTING NOTE:
Remote channels may be surface mounted or aircraft cable mounted. Part numbers are as follows:

RMS = Remote Mount - Surface Mount
RMC= Remote Mount - Cable Mount

All remote mounting kits are provided with appropriate luminaire disconnects and individual wire colors for the positive and negative LED board connections. These quick disconnects and wire colors correspond to connectors and wires in the luminaire frame.

2

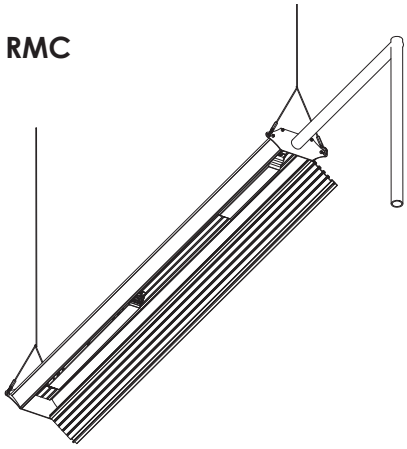
RMS



For RMS (surface-mounted), follow the surface-mounting instructions from page 6.

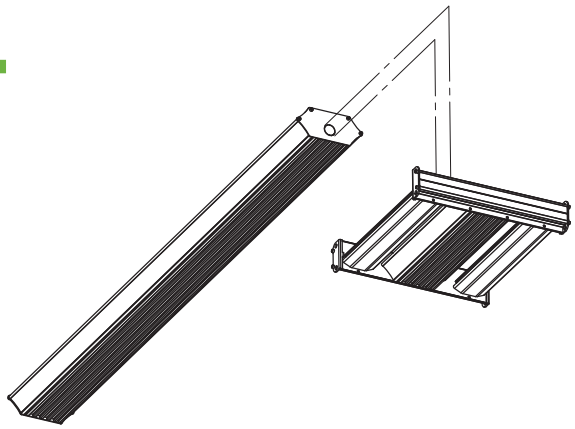
3

RMC



For RMC (cable-mounted), follow the cable-mounting instructions from page 2.

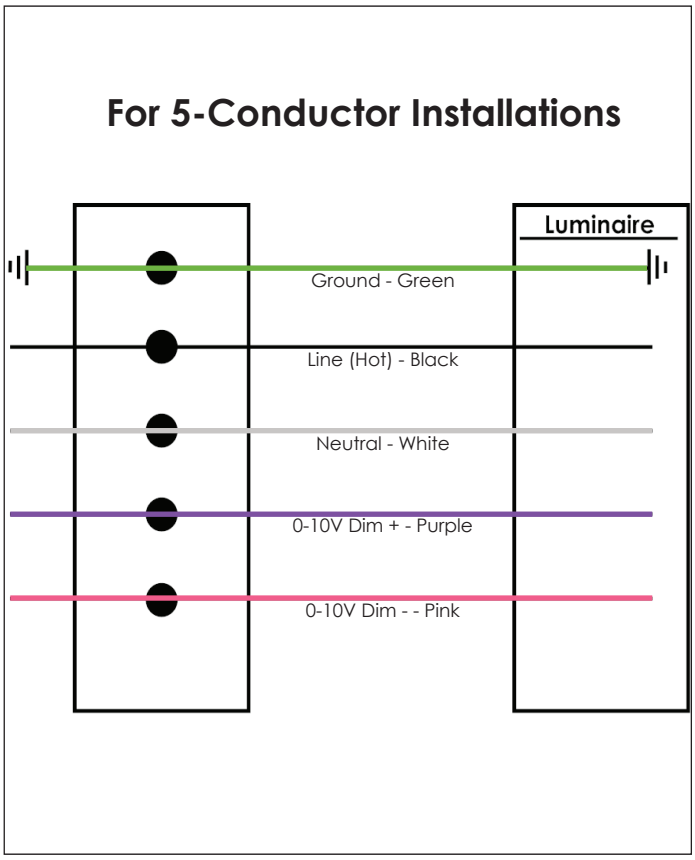
4

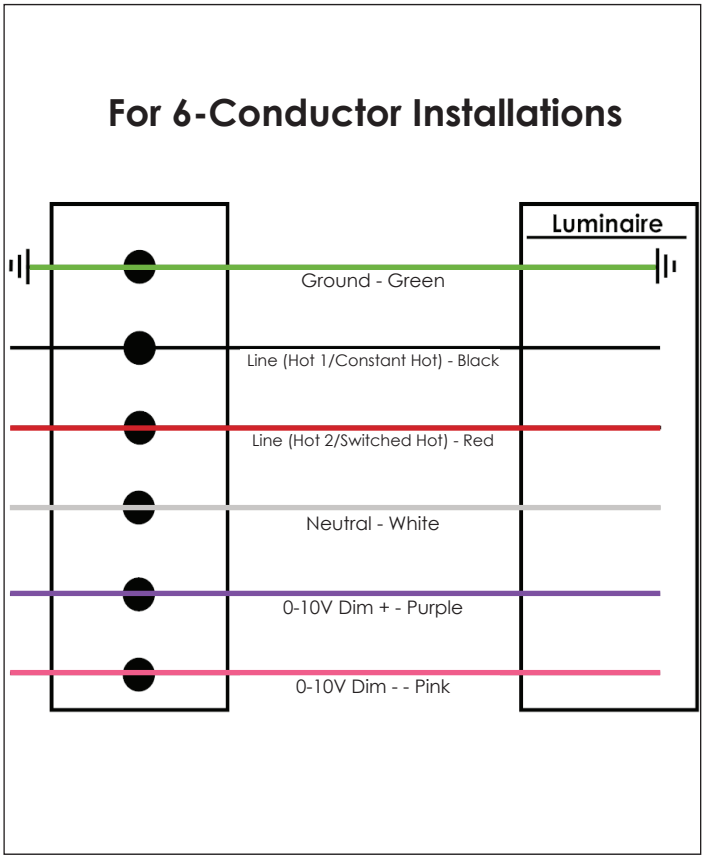


Complete the remote driver channel to the luminaire ensuring that the wire colors between the remote driver channel and luminaire are matched.

Installation of conduit and wiring provided by others. Use local code guidelines and appropriate wire gauge.

Electrical Connections





Make the Following Electrical Connections:

a. Connect the green ground lead to the green position of the terminal block.
b. Connect the black fixture lead to the voltage supply position or Hot 1 (for 208/240V wiring).
c. For 6 conductor installations, connect the red fixture lead to the voltage supply position or Hot 2 (for multiple-switch installations).
d. Connect the white fixture lead to the neutral supply position or Hot 2 (for 208/240V wiring).
e. Connect the purple* dimming positive lead to the supply dimming positive lead.
f. Connect the pink* dimming negative lead to the supply dimming negative lead.

*Note: Some 5-conductor cords may have red and blue dimming wires (positive and negative respectively).