

Installation Instructions

IMPORTANT SAFEGUARDS

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

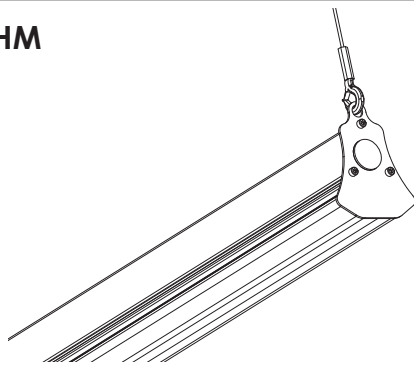
READ AND FOLLOW ALL INSTRUCTIONS AND SAFETY PRECAUTIONS

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.

SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE

DATA-x-xxx-HM

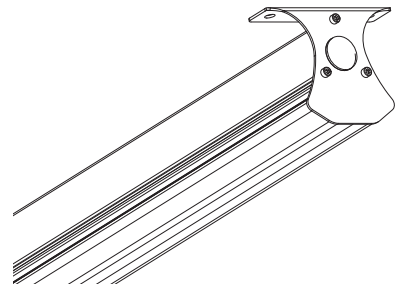
Pg. 2



Hanger Mount Endcap

DATA-x-xxx-SM

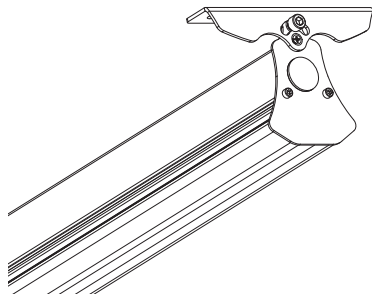
Pg. 3



Surface Mount Endcap

DATA-x-xxx-AIM

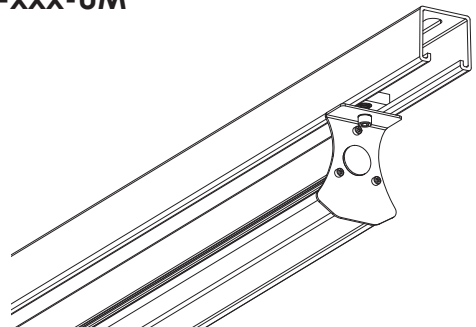
Pg. 4



Rotatable Surface Mount Endcap

DATA-x-xxx-UM

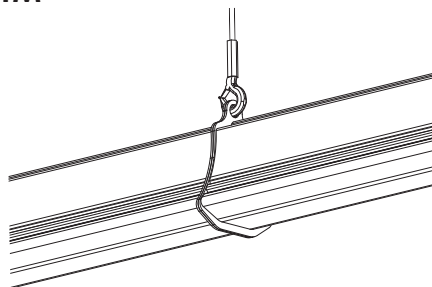
Pg. 5



Unistrut Surface Mount Endcap

DATA-x-xxx-TM

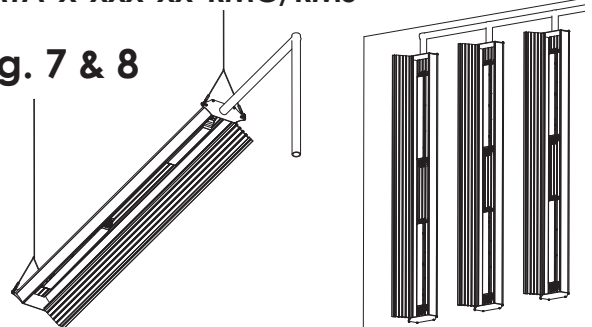
Pg. 6



Tandem Mount Endcap

DATA-x-xxx-xx-RMC/RMS

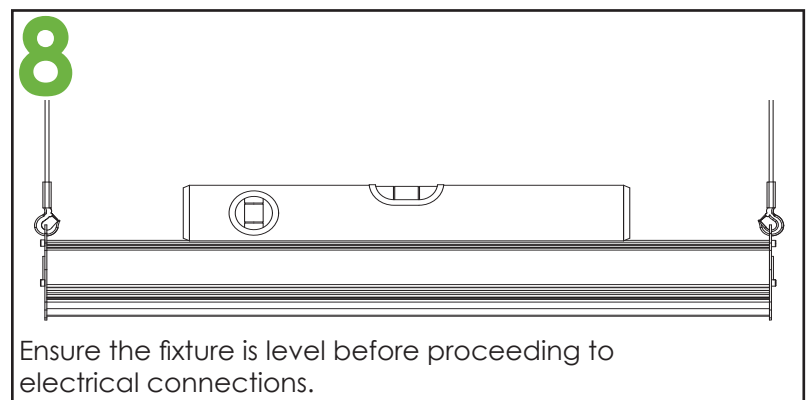
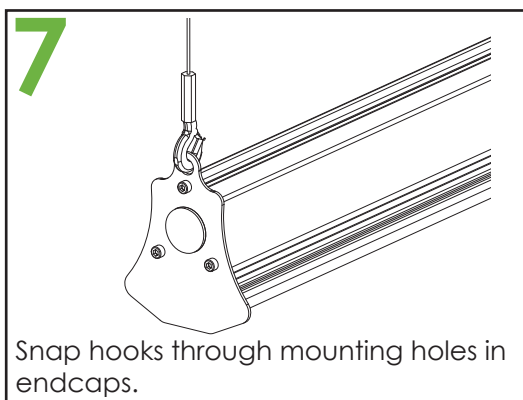
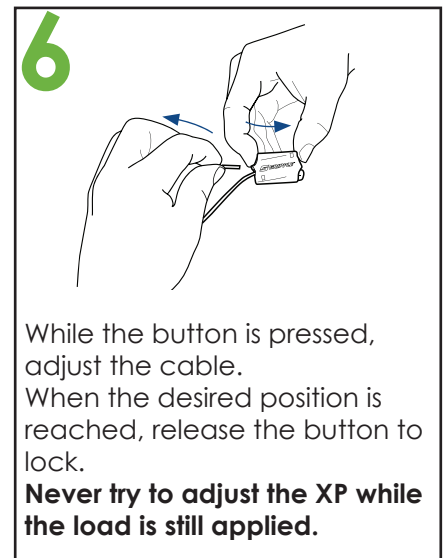
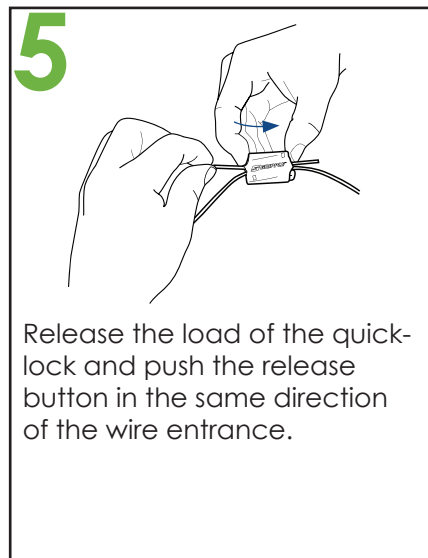
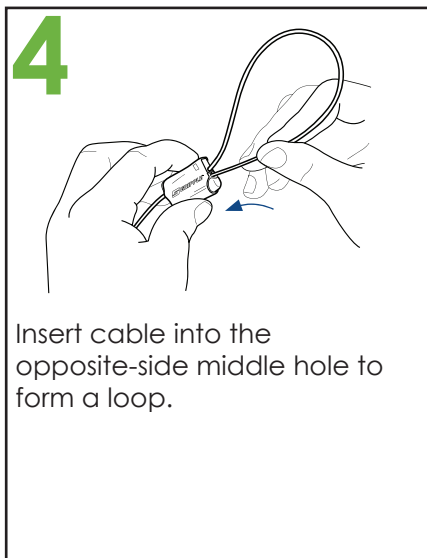
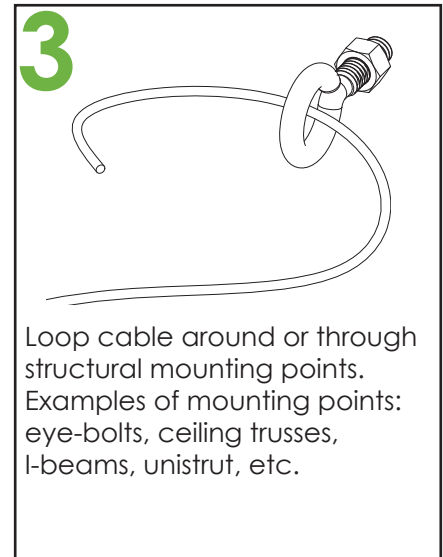
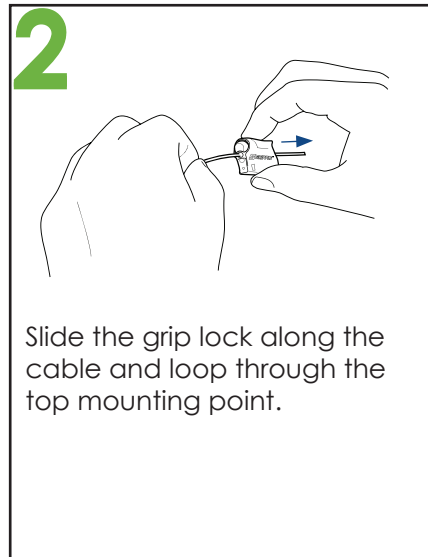
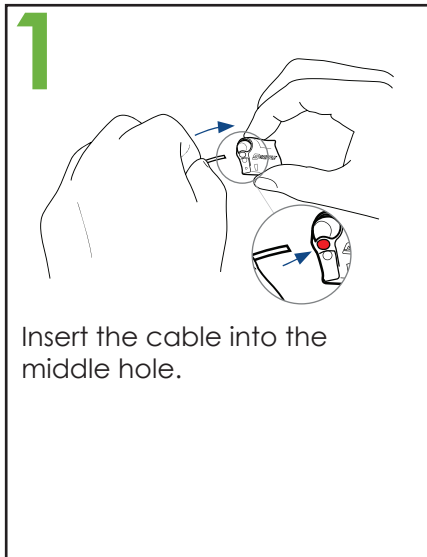
Pg. 7 & 8



Remote Driver Enclosures

Pg. 9 Electrical Connections

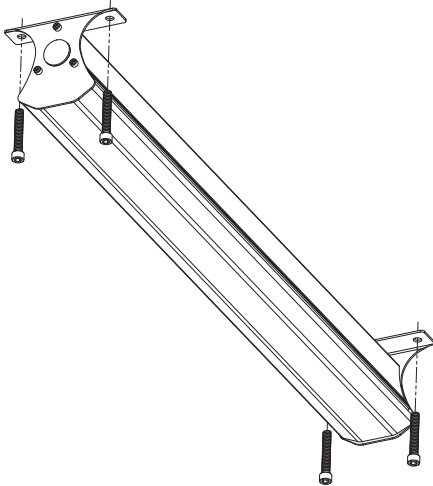
Fixture: **DATA-x-xxx-HM**
Mounting: **2Pxx** hanger kit



Fixture: **DATA-x-xxx-SM**

Mounting: **Surface Mount** (bracket only, hardware not provided)

1

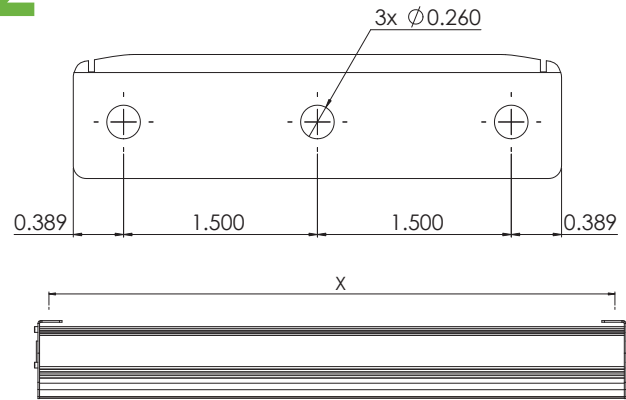


Fixtures ship with pre-installed surface mount brackets. Each endcap has (3) 1/4" mounting holes, see "2" for bracket hole pattern.

For "WB" power feed option, electrical connections are typically completed before mounting fixture, see pg. 6 for details.

2

SM Bracket Hole Pattern



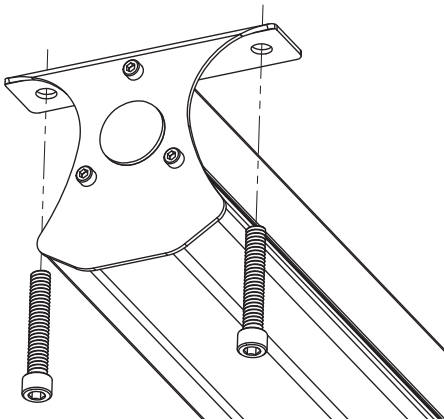
On-Center Spacing

DATA-2-XXX-SM: X = 22.0070"

DATA-4-XXX-SM: X = 45.0695"

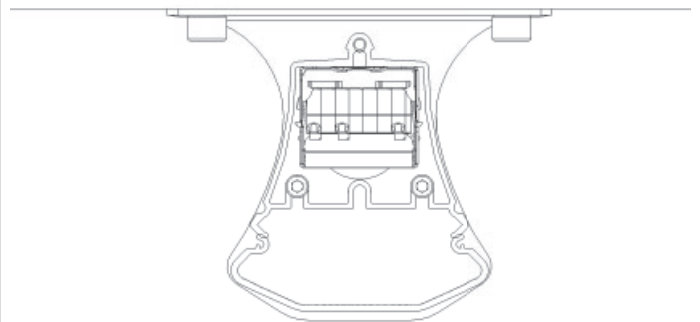
DATA-8-XXX-SM: X = 90.0695"

3



Mount bracket to the structure or wall. Hardware to mount bracket to structure is not provided. Ensure mounting surface is able to support weight of fixture.

4

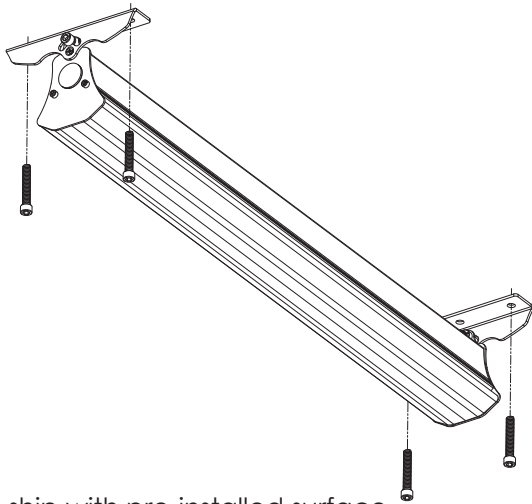


Ensure the fixture is firmly mounted with the brackets flush to mounting surface and all hardware flush to the mounting bracket.

Fixture: **DATA-x-xxx-AIM**

Mounting: **Rotating Surface Mount** (bracket only, hardware not provided)

1

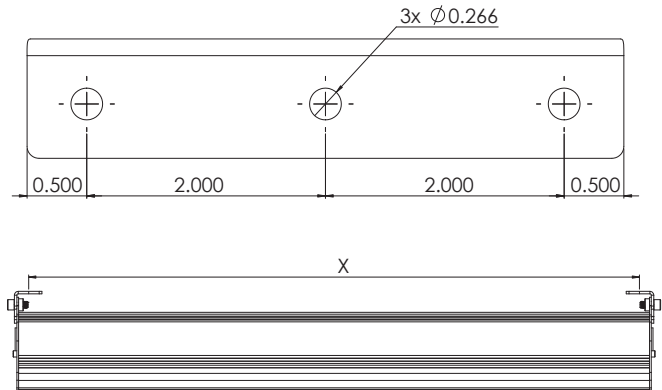


Fixtures ship with pre-installed surface mount brackets. Each endcap has (3) 1/4" mounting holes, see "2" for bracket hole pattern.

For "WB" power feed option, electrical connections are typically completed before mounting fixture, see pg. 7 for details.

2

AIM Bracket Hole Pattern



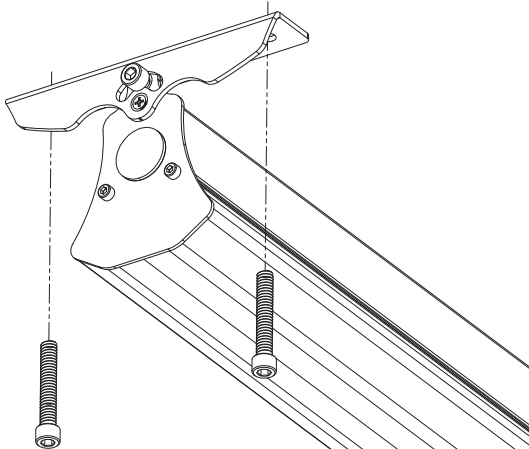
On-Center Spacing

DATA-2-XXX-AIM: X = 22.1535"

DATA-4-XXX-AIM: X = 45.7840"

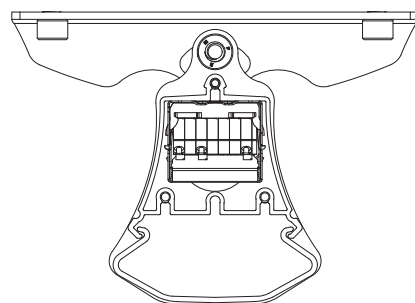
DATA-8-XXX-AIM: X = 90.7840"

3



Mount bracket to the structure or wall. Hardware to mount bracket to structure is not provided. Ensure mounting surface is able to support weight of fixture.

4



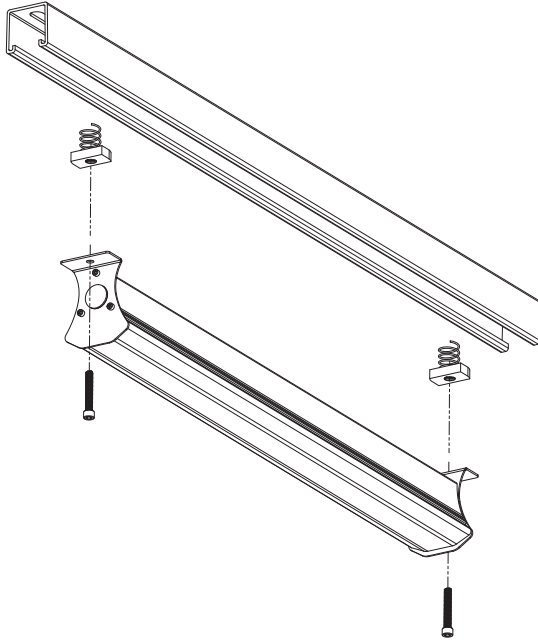
Ensure the fixture is firmly mounted with the brackets flush to mounting surface and all hardware flush to the mounting bracket.

The fixture may be aimed by loosening and tightening the 1/4-20 bolts on each side of the fixture.

Fixture: **DATA-x-xxx-UM**

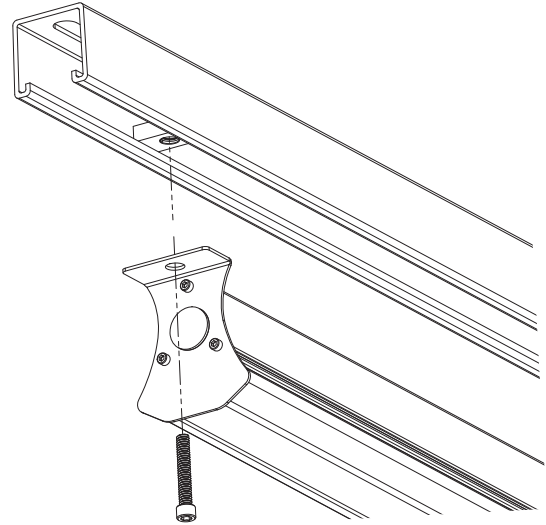
Mounting: **Unistrut Surface Mount**

1



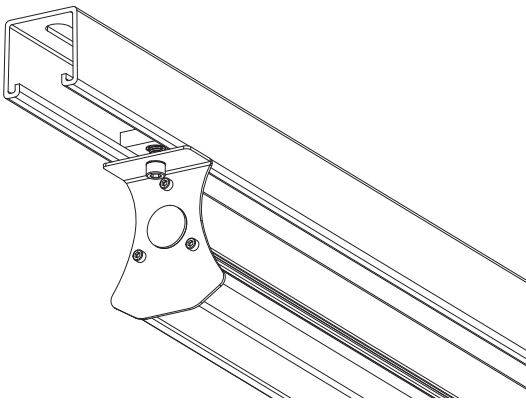
Fixtures ship with pre-installed unistrut surface mount brackets. Each endcap has (1) 1/4" mounting hole.

2



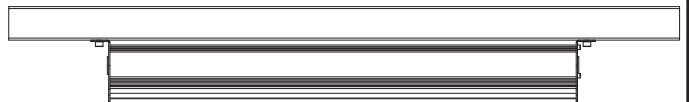
Mount bracket to the unistrut. Hardware to mount bracket to structure is not provided. Ensure mounting surface is able to support weight of fixture.

3



Ensure the fixture is firmly mounted with brackets flush to the mounting surface and all hardware flush to the mounting bracket.

4

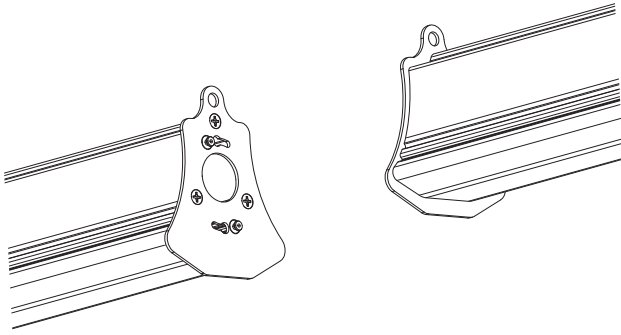


Ensure the fixture is mounted level before moving on to the next installation.

Fixture: **DATA-x-xxx-TM**

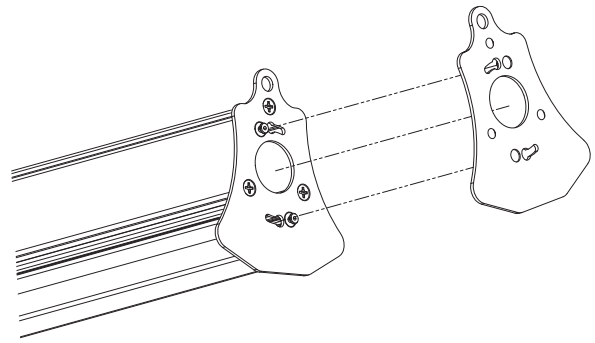
Mounting: **Tandem Hanger/Surface Mount**

1



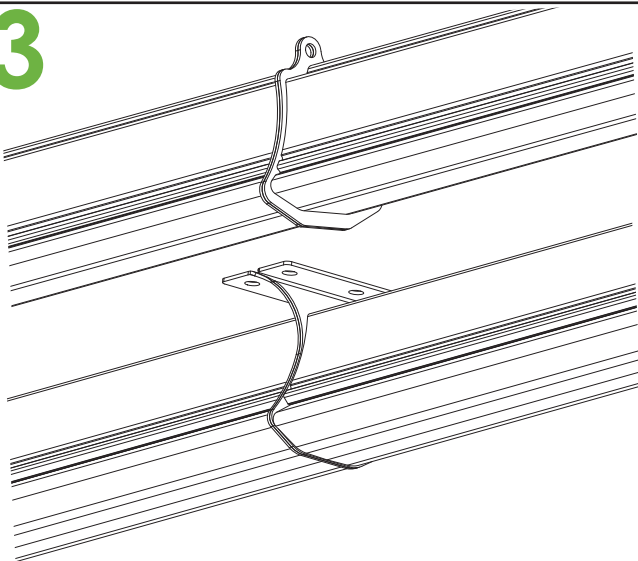
Tandem installations will have luminaire segments with Tandem Mounting Brackets. These brackets allow for thru-wiring and fixture mating.

2



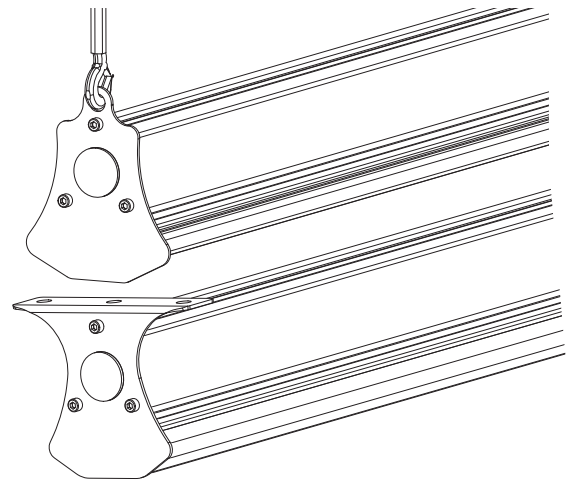
After connecting all luminaire wiring between segments, align the teeth of one luminaire segment with the keyholes of the segment it is mating to.

3



Once fixtures are flush, rotate the mated luminaires to lock the teeth into the keyhole.

4



Following steps 1-7 from the hanger mount instructions, or steps 1-4 from the surface mount instructions, mount all tandem sections.

Ensure that each segment is supported and level before proceeding to the next segment.

To install: **Remote Driver Enclosures** For use with options: **RMS, RMC**

1

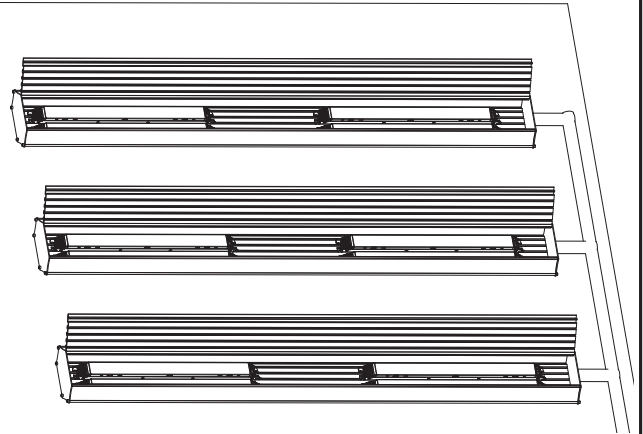
Remote driver enclosures may be surface mounted or aircraft cable mounted.
Part numbers are as follows:

RMS = Remote Mount - Surface Mount

RMC = Remote Mount - Cable Mount

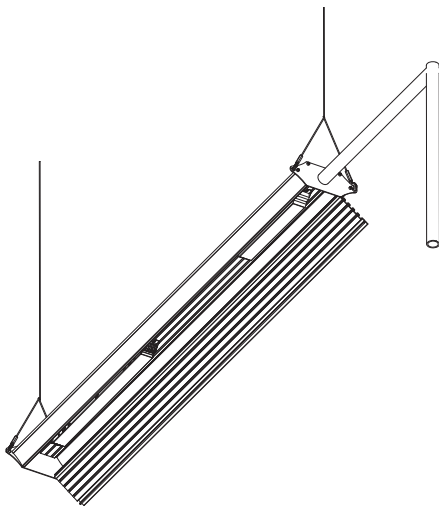
All remote mounting kits are provided with appropriate luminaire disconnects and individual wire colors the positive and negative LED board connections. These quick disconnects and wire colors correspond to connectors and wires in the luminaire channel.

2



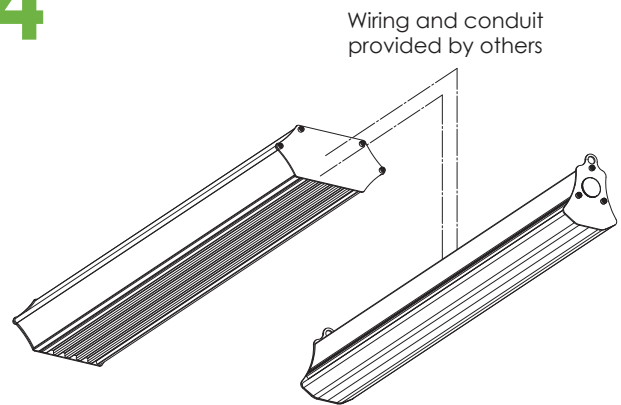
For RMS (surface-mounted), follow the surface mount installation instructions on page 8.

3



For RMC (cable-mounted), follow steps 1-7 for the 2Pxx installation instructions on page 2.

4

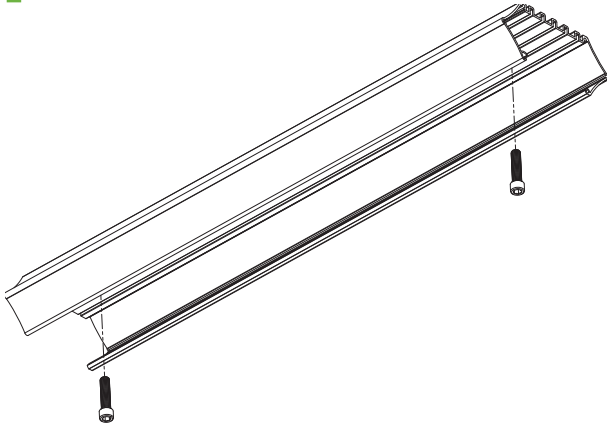


Complete the wiring from the remote driver enclosure to the luminaire as shown on page 9, ensuring that the wire colors between the remote driver enclosure and luminaire match.

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

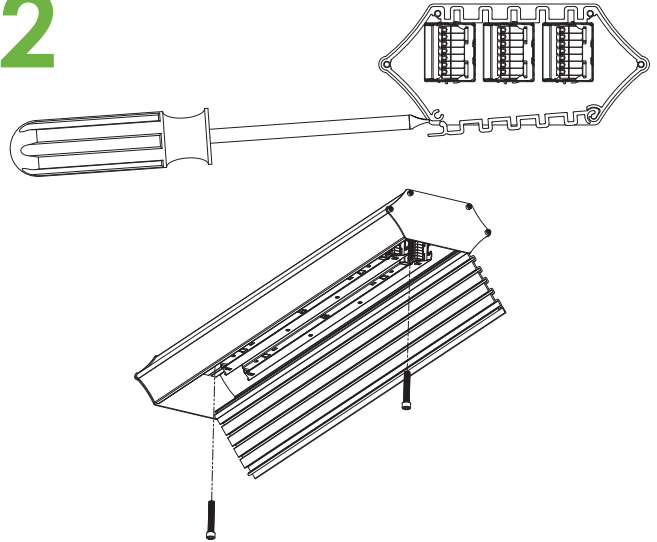
To install: **Remote Driver Enclosures** For use with options: **RMS**

1



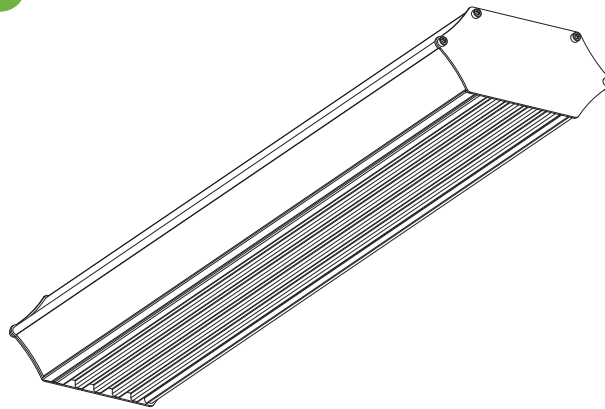
Remote driver enclosure will ship with machined mounting holes. Ensure the mounting surface can support the weight of the fixture.

2



Open the electronics channel using your fingers or a prybar. Ensure the enclosure is flush to the mounting surface and secure the enclosure using mounting hardware (not provided).

3

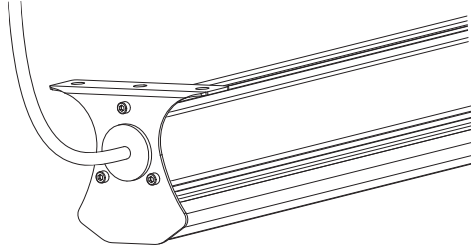


Ensure the enclosure's full weight is supported until all mounting hardware is secured. Close the electronics channel by snapping the lid into place.

Electrical Connections

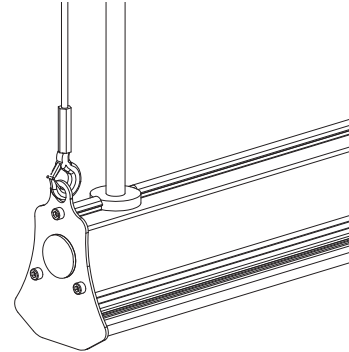
Standard Power Feed

Power cord fed through endcap

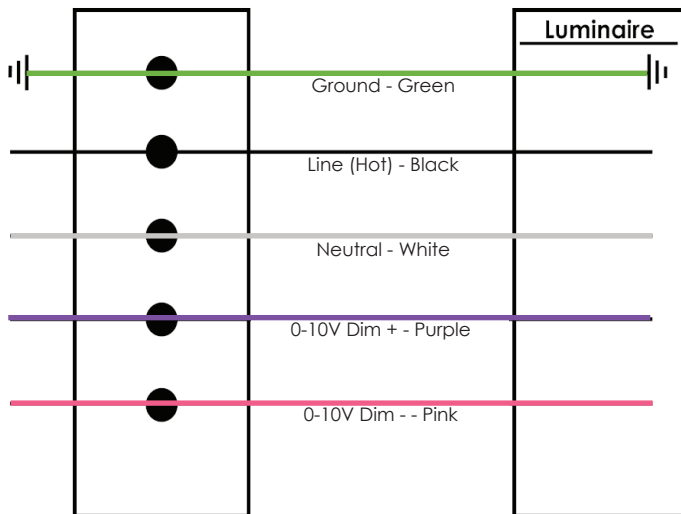


WB Power Feed

Power cord fed through machined hole in electronics channel



For 5-Conductor Installations



For 6-Conductor Installations



Make the Following Electrical Connections:

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