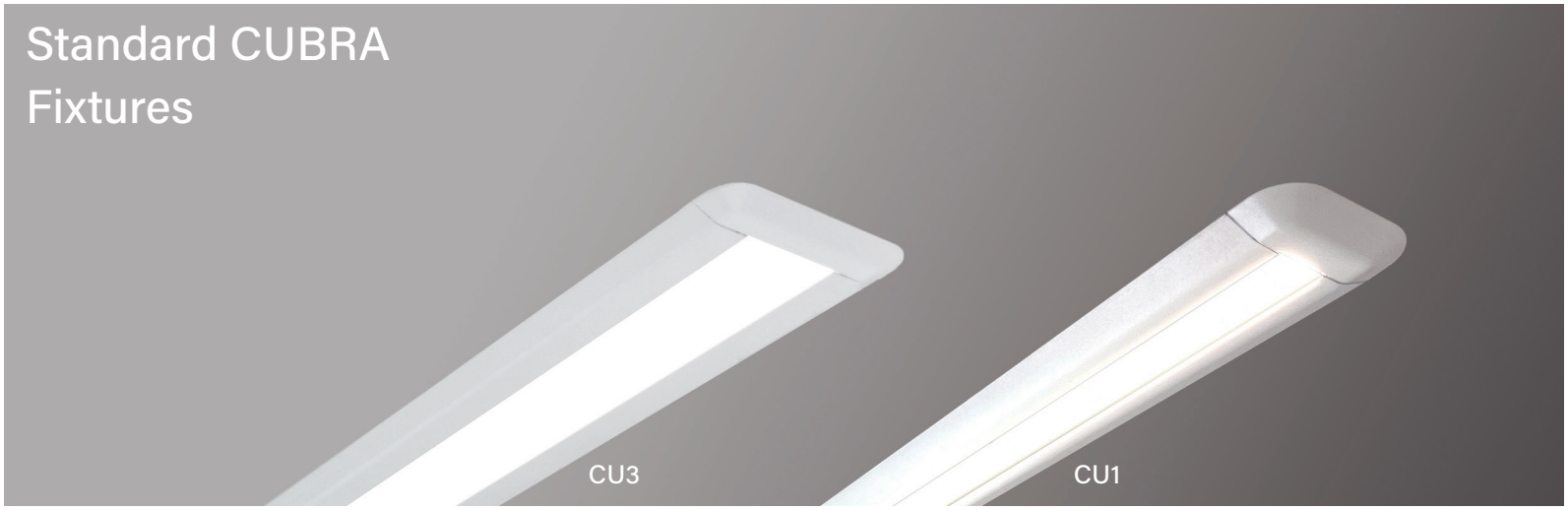
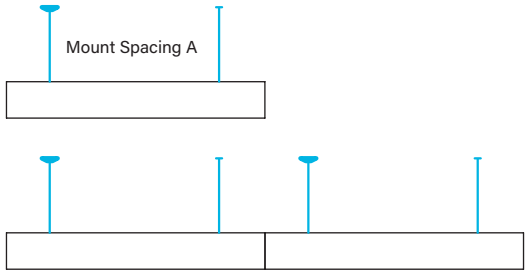
CUBRA INSTALLATION INSTRUCTIONS



1 LAYOUT

Lay out mounting and J-Box locations.

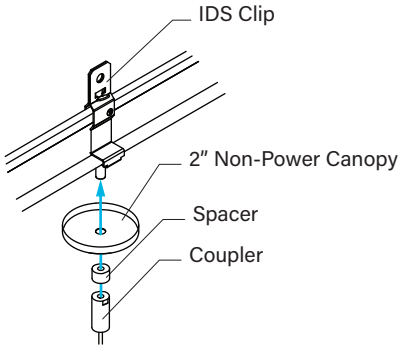
Mount Spacing
Aircraft Cable Examples



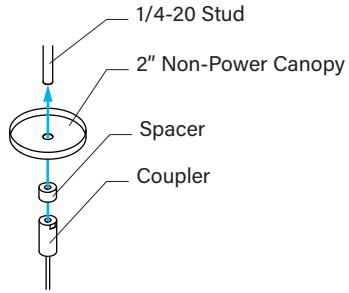
FIXTURE	A
1′	8″
2′	20″
3′	24″
4′	24″
5′	48″
6′	48″
7′	48″
8′	48″

2 NON-POWER MOUNT

Install 1/4-20 stud *(by others)* or IDS Clip *(by others)* for non-power mounts *(1/2" below ceiling plane).* Thread AC cable through Coupler Base and run through side slot of coupler cap. Screw base and cap together. Secure canopy to stud or IDS clip using coupler. Adjust length of aircraft cable at ceiling coupler and trim excess.



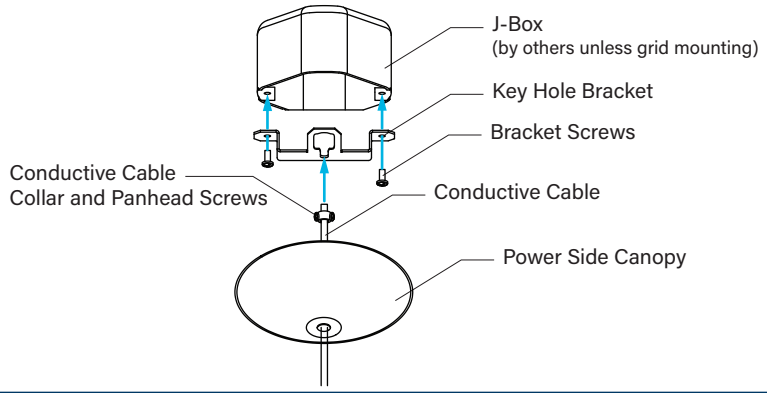
Grid Mounting



Inaccessible Mounting

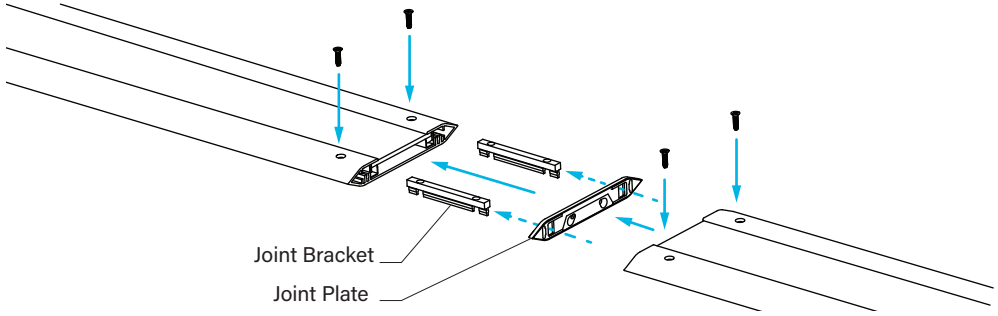
3 POWER SIDE MOUNT

Install Key Hole Bracket to J-Box. Run Conductive cable through Key Hole Bracket and make wiring connections inside of J-Box. Key Hole Bracket can be used for leveling by loosening/tightening screws. Use conductive Cable Collar for full adjustment. To adjust, loosen 10-32 pan head screws to allow the Collar to move on the Conductive Cable. Adjust to desired height and fully tighten the pan head screws against the Collar. Slide the canopy up to the ceiling plane.



4 JOINING FIXTURES

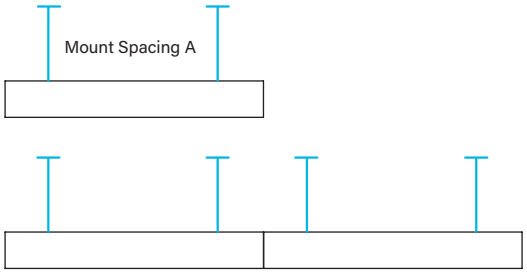
Insert the Joint Brackets into the first fixture and secure the brackets to the fixture with provided 2x 8-32 screws. Slide Joint Plate over Joint Brackets. Slide second fixture onto Joint Brackets and secure second fixture to Joint Brackets using provided 2x 8-32 screws.



1 LAYOUT

Lay out mounting and J-Box locations.

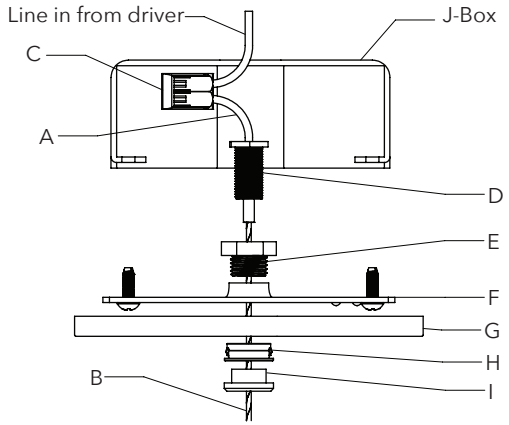
Mount Spacing
Aircraft Cable Examples



FIXTURE	A
1′	8″
2′	20″
3′	24″
4′	24″
5′	48″
6′	48″
7′	48″
8′	48″

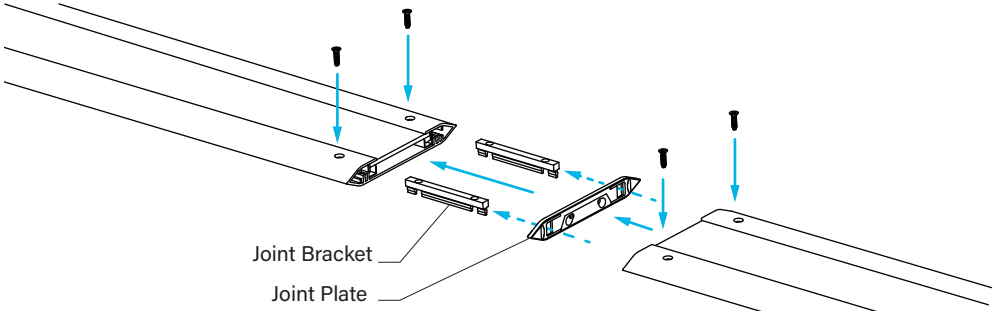
2 CEILING SIDE MOUNTING

Snap in Heyco bushing (H) to canopy (G). Thread gripper (D) to plastic bushing (E). Thread assembly (DE) to crossbar (F). Attach (F) to J-box. Feed cable (B) through cap (I), bushing/canopy assembly (GH) and through gripper (D). Adjust cable on gripper until the fixture is at the desired height. Using purpose-built cable cutters (available from Griplock & others) cut off the excess cable leaving 3-4″ above the gripper. Slide insulation tube (A) onto excess cable leaving 1/2″ max of cable exposed. Connect exposed cable stub to one of the driver leads via WAGO (C) or similar electrical connector inside J-Box. Raise the canopy assembly (GH) and cap (I), thread (I) onto gripper assembly until canopy touches the ceiling. Place level on fixture and fine tune cable height until level.



3 JOINING FIXTURES

Insert the Joint Brackets into the first fixture and secure the brackets to the fixture with provided 2x 8-32 screws. Slide Joint Plate over Joint Brackets. Slide second fixture onto Joint Brackets and secure second fixture to Joint Brackets using provided 2x 8-32 screws.



IMPORTANT SAFETY INSTRUCTIONS

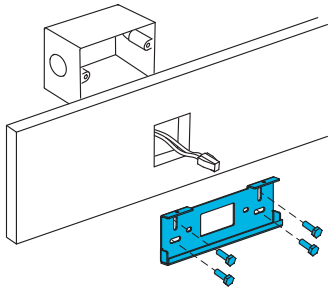
a) Read all instructions.
b) Do not conceal or extend exposed conductors through a building wall.
c) Do not install in wet or damp locations.
d) To reduce the risk of fire and burns, do not install this lighting system where the exposed bare conductors can be shorted or contact any conductive material.
e) To reduce the risk of fire and overheating, make sure all connections are tight.
f) Do not install any luminaire closer than 6in from any curtain, or similar combustible materials.
g) Turn off electrical power before installing or modifying the lighting system in any way.
h) Do not install any part of this system less than 7ft(2.2m) above the floor.
i) Connect only to output of UL Class 2 Driver (power supply).
j) Follow all NEC and local codes.
k) Maximum working load 40lbs per suspension.

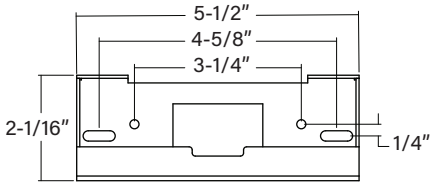
CUBRA

WALL & SURFACE MOUNT INSTRUCTIONS

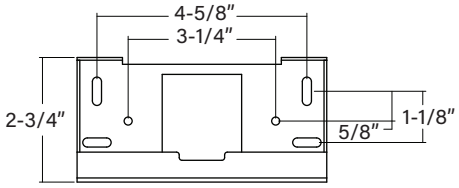
1 LAYOUT

Lay out junction boxes and fasten wall mounting brackets to the proper spacing for fixture type.





1″ Wall Side Bracket



3″ Wall Side Bracket

BEGINNING OF ROW OR INDEPENDENT FIXTURE
(2 Mounting Brackets)

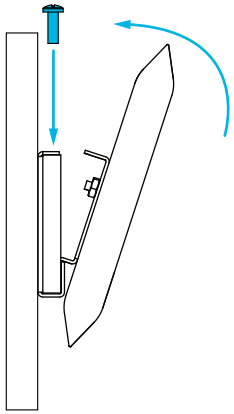
FIXTURE	DIM A
2′	8″
3′	20″
4′	32″
5′	44″
6′	56″
7′	68″
8′	80″

MIDDLE OR END OF ROW FIXTURES
(1 Mounting Bracket)

FIXTURE	DIM B
2′	24″
3′	35″
4′	48″
5′	60″
6′	72″
7′	84″
8′	96″

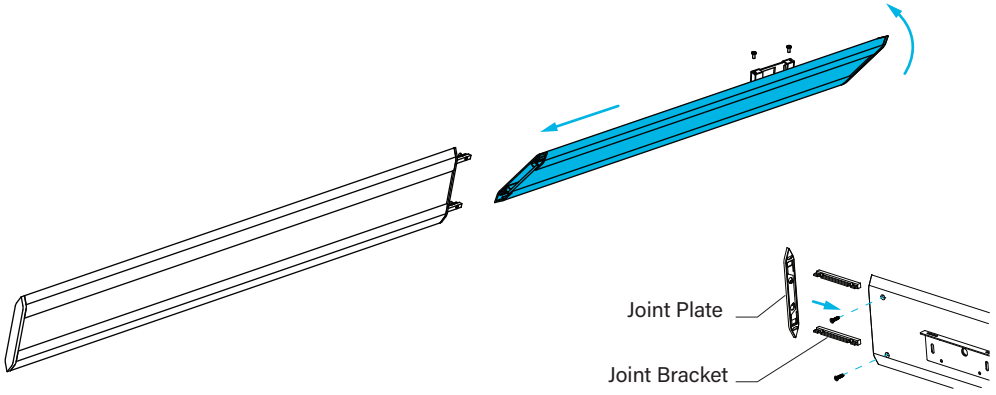
2 POWER AND MOUNTING

If hanging a run, see step 3 first. Hang first fixture from mounting brackets for hands-free wiring *(only applicable when mounting on wall, when mounting to ceiling, 2 people are required).* Connect fixture wiring to building power and recess wires into junction box. Rotate fixture upright and fasten with screws.



3 ADDITIONAL FIXTURES

Before you hang any fixture on a continuous run, install joining hardware. To install joint insert the Joint Brackets into the first fixture and secure the brackets to the fixture with provided 2x 8-32 screws. Slide Joint Plate over Joint Brackets. Slide second fixture onto Joint Brackets and secure second fixture to Joint Brackets using provided 2x 8-32 screws.

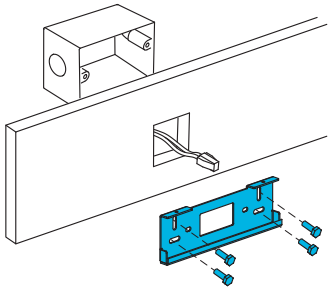


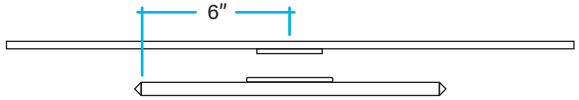
CUBRA 1′ WALL & SURFACE MOUNT INSTRUCTIONS

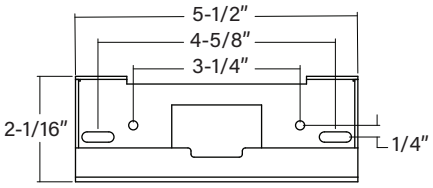
1′ is a stand alone fixture not ment to be connected to runs.

1 LAYOUT

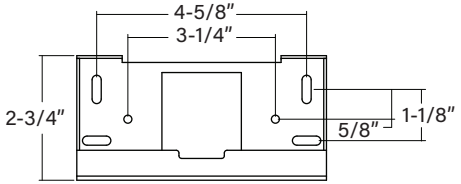
Lay out junction boxes and fasten wall mounting brackets to the proper spacing for fixture type.







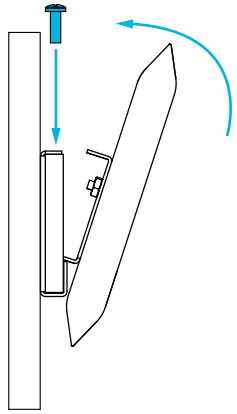
1″ Wall Side Bracket



3″ Wall Side Bracket

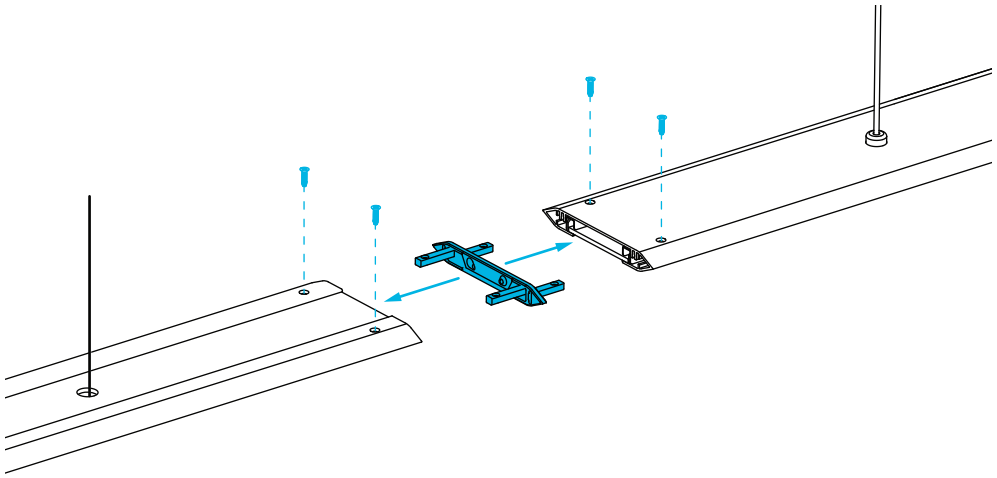
2 POWER AND MOUNTING

If hanging a run, see step 3 first. Hang first fixture from mounting brackets for hands-free wiring *(only applicable when mounting on wall, when mounting to ceiling, 2 people are required).* Connect fixture wiring to building power and recess wires into junction box. Rotate fixture upright and fasten with screws.

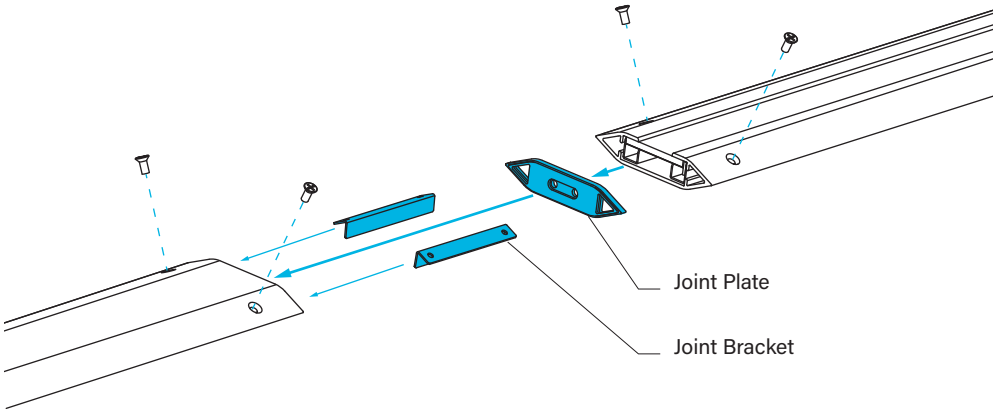


1 ALTERNATING JOINT

CUBRA 3: Insert the Alternating Joint Bracket into the first fixture. Line up the screw holes and secure the brackets to the fixture with provided 2x 8-32 screws. Slide second fixture onto Joint Bracket and secure second fixture using provided 2x 8-32 screws.

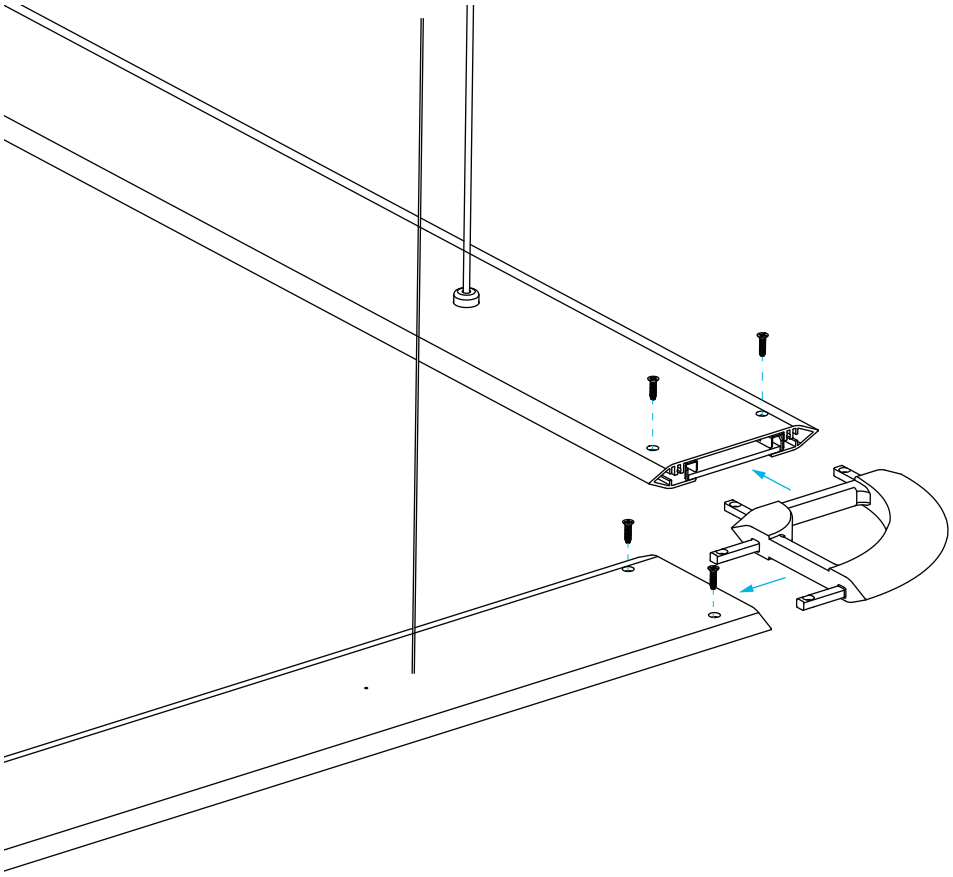


CUBRA 1: Insert the Joint Brackets into the first fixture. Line up the screw holes and secure the brackets to the fixture with provided 2x 8-32 screws. Slide Joint Plate over Joint Brackets. Slide second fixture onto Joint Brackets and secure second fixture to Joint Brackets using provided 2x 8-32 screws.

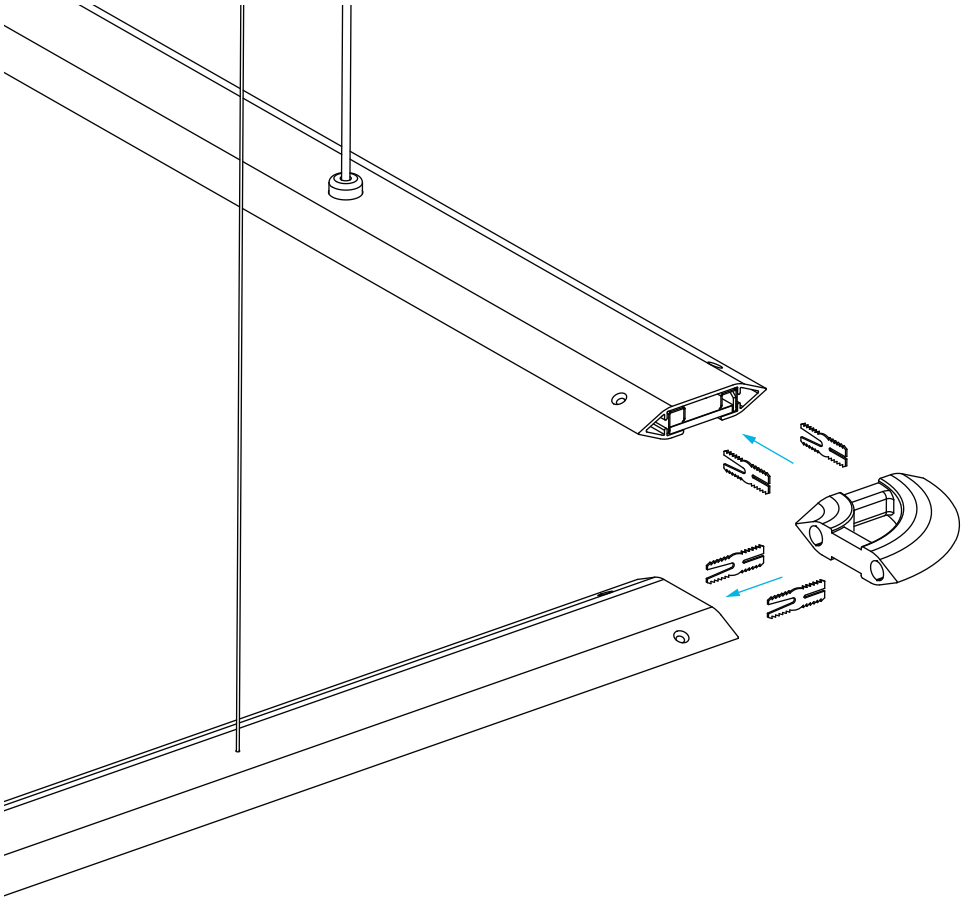


1 90° CONNECTOR

CUBRA 3: Lay out run and install mounting hardware. Attach corner to first fixture. Attach to first fixture using two supplied joining screws. Join next fixture using two supplied joining screws.

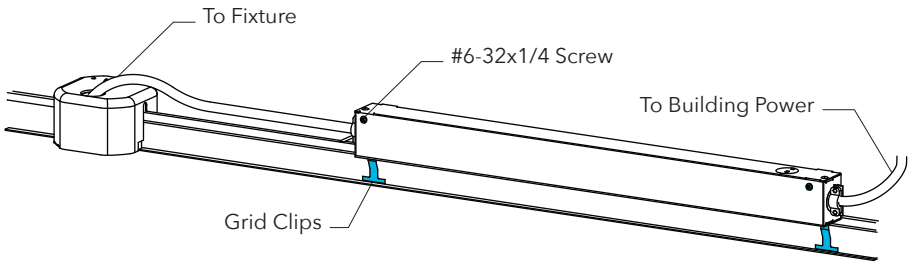


CUBRA 1: Lay out run and install mounting hardware. Install 4x Joint Grips into Corner. Install the end with the narrow opening into the corner, the grips are meant to be tight and may need to be tapped into corner piece. Attach corner to first fixture, push until corner is flush against end of fixture. Attach second fixture to corner, push until corner is flush against fixture.



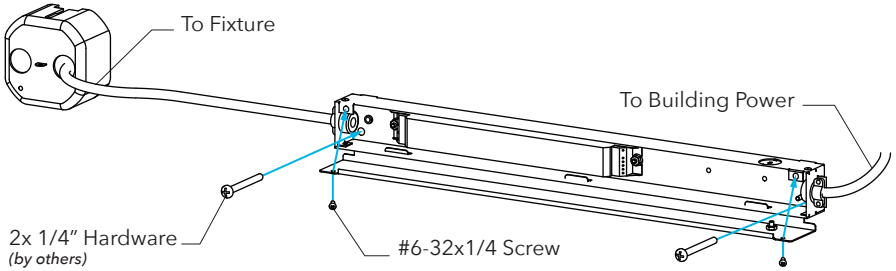
1 SLIM REMOTE BOX TO GRID

Install slim remote driver box onto grid using pre-installed grid clips. To open remote box, remove two #6-32x1/4 screws on top of box. Use 1/2" trade knockout on high voltage side to connect to building power. Use 2' long Flex-whip to bring power to J-Box.



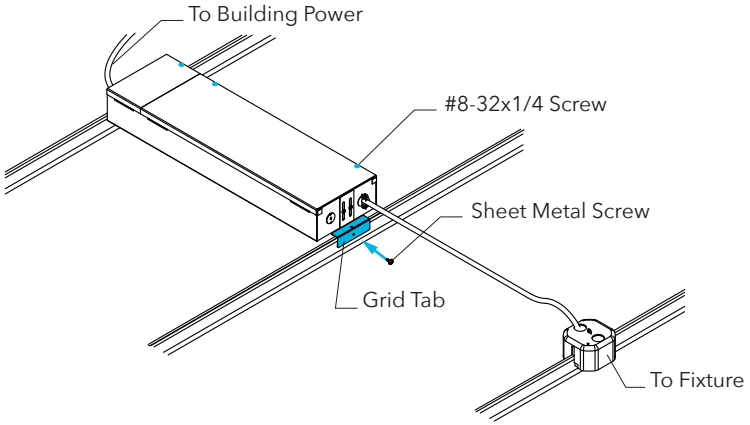
2 SLIM REMOTE BOX TO SURFACE

Remove two grid brackets on back of remote driver box. Open remote driver box by removing two #6-32x1/4 screws on top of box. Install remote driver box to surface using 1/4" mounting hardware (by others). Connect to building power using 1/2" trade knockout on high voltage side. Then connect to J-Box using 2' long Flexwhip.



1 STANDARD REMOTE BOX TO GRID

Place Remote Driver Box onto grid and bend grid tabs over securing with a #8 Sheet Metal Screw. To open remote box, remove three #8-32x1/4 screws on top of box. Use 1/2" trade knock out on high voltage side to connect to building power. Use 2' long Flexwhip to bring power to J-Box.



2 STANDARD REMOTE BOX TO SURFACE

Remove Grid Brackets on sides of Remote Driver Box. Open Remote Driver Box by removing three #8-32x1/4 screws on top of box. Install Remote Driver box to surface using 1/4" Mounting Hardware. Use 1/2" Trade Knock out on high voltage side to connect to building power. Use 2' long Flexwhip to bring power to J-Box.