

INSTALLATION INSTRUCTIONS



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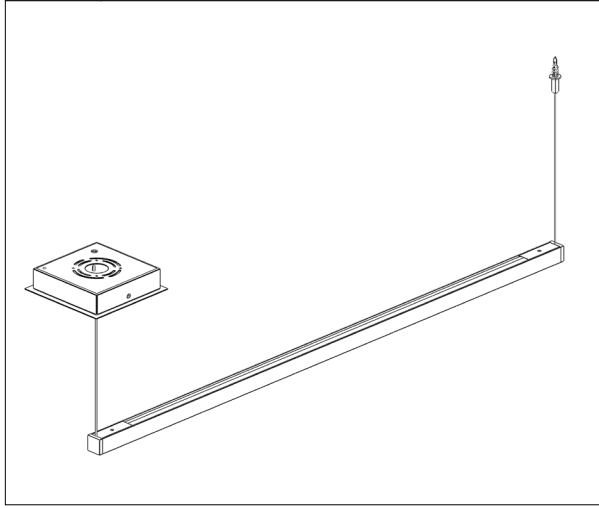
Note: All pictures shown are of Micro Beam Direct

THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED.
CE PRODUIT DOIT ETRE INSTALLE SELON LE CODE D'INSTALLATION PERTINENT, PAR UNE PERSONNE QUI CONNAIT BIEN LE PRODUIT ET SON FONCTIONNEMENT AINSI QUE LES RISQUES INHERENTS.
DISCONNECT POWER PRIOR TO ANY INSTALLATION.
DEBRANCHEZ LE COURANT AVANT TOUTE INSTALLATION.
CAP ALL WIRING CONNECTIONS WITH UL APPROVED WIRE CONNECTORS.
COUVRIR TOUTES LES CABLES AVE DES CONNECTIONS APPROUVES (UL).
VERIFY SUPPLY VOLTAGE MEETS LUMINAIRE LABEL SPECIFICATIONS.
VERIFIEZ QUE LA TENSION SOIT COMPATIBLE AVEC LES CARACTERISTIQUES DU LUMINAIRE MARQUE SUR LETIQUETTE.
ALLOW FIXTURE TO COOL BEFORE TOUCHING HEATSINK OR LIGHT SOURCE.
LAISSEZ LE PROJECTEUR REFOIDIR AVANT DE TOUCHER LE RADIATEUR OU LA SOURCE DE LUMIERE.
DO NOT ATTEMPT TO OPEN OR MAKE REPAIRS INSIDE LUMINAIRE.
NE PAS TENTER DOUVRIIR OU DE FAIRE DES REPARATINS A L'INTERIEUR DU LUMINAIRE.
AVOID DIRECT VIEWING OF LIGHT SOURCE.
EVITEZ DE REGARDER DIRECTMENT LA SOURCE LUMINEUSE.
THIS PRODUCT MUST BE INSTALLED BY A QUALIFIED ELECTRICIAN.
CE PRODUIT DOIT ITRE INSTALLE PAR UN ELECTRICIEN QUALIFIE.
SUITABLE FOR UNDER-CABINET MOUNT.
ADAPTE POUR SOUS-CABINET MOUNT.
SUITABLE FOR DAMP LOCATION.
ADAOTE POUR DES ENDROITS HUMIDES.
SUITABLE FOR CONTINUOUS ROW MOUNTING.
ADAPTE POUR CONTINUE ROW MONTAGE.

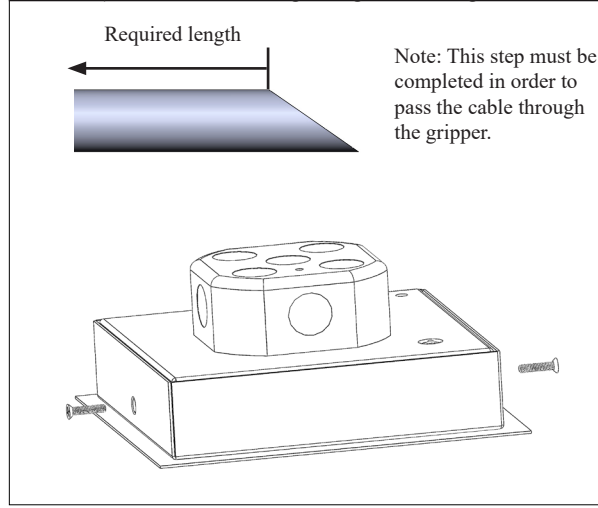
INSTALLATION INSTRUCTIONS

Individual Power Canopy (PCx)

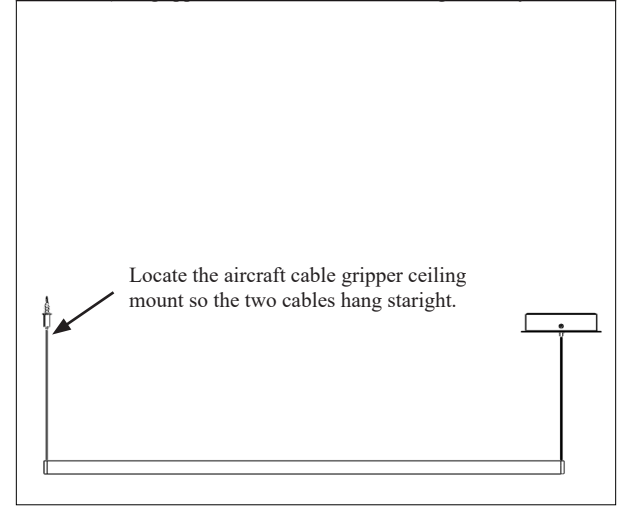
- 1** Power must be turned off prior to disconnecting or reconnecting fixture. Locate ceiling mounting points according to supplied client drawing.



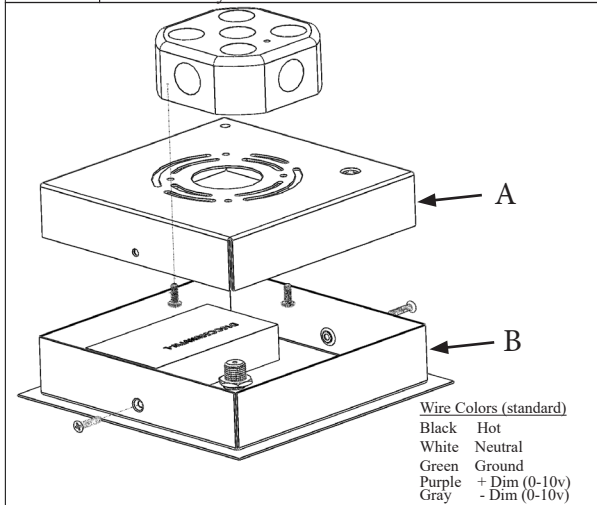
- 2** Temporarily install lower canopy. Determine the distance the fixture will hang from canopy. Add 6" to allow the length of cable needed to terminate coax to driver. Cut coax cable on a 45-degree angle, at the length needed.



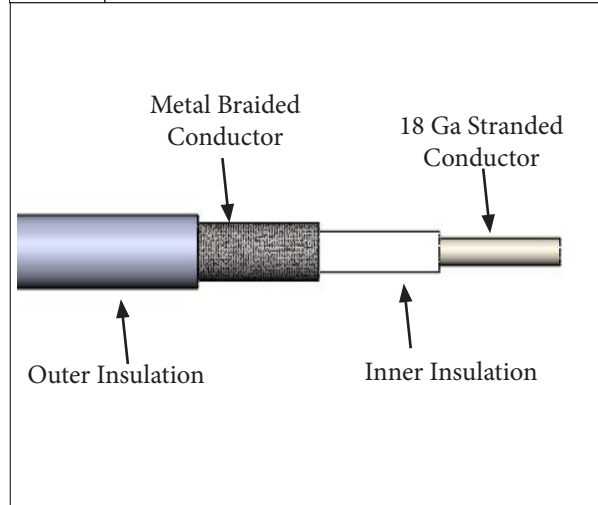
- 3** Support fixture near power canopy. Insert coax cable into the gripper jack and push coax cable into canopy. Final leveling after coax cable is terminated. Insert aircraft cable into gripper to allow the fixture to hang correctly.



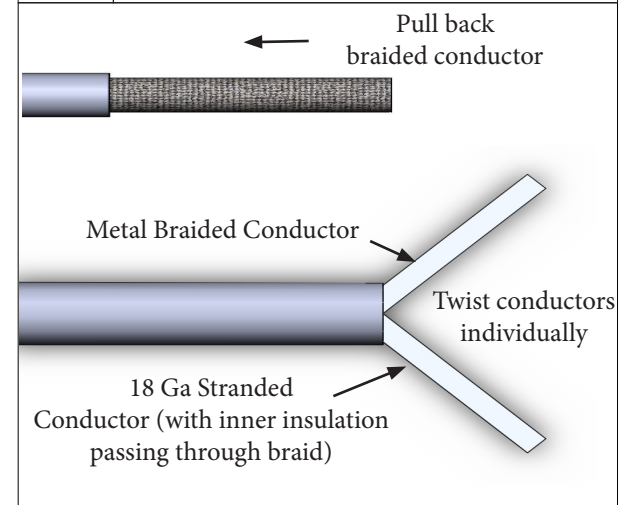
- 4** Connect wire to building mains and then canopy to structure. Mount canopy back cover (A) to J-box securing it with 2 screws. Lower section of canopy (B) will hang from wire lanyard attached to both sections.



- 5** Strip back coax cable outer insulator to expose metal braid. Using 14ga. cutter position on wire stripping tool, take off approx. 1.5" of the outer insulator. Push the braid back toward the insulator to form a loose bunch.



- 6** Using a pointed tool, expose the inner insulator and form a bend and work the insulated portion of the coax as shown below. Pull the inner insulated wire thru the opening and twist the braid as shown.



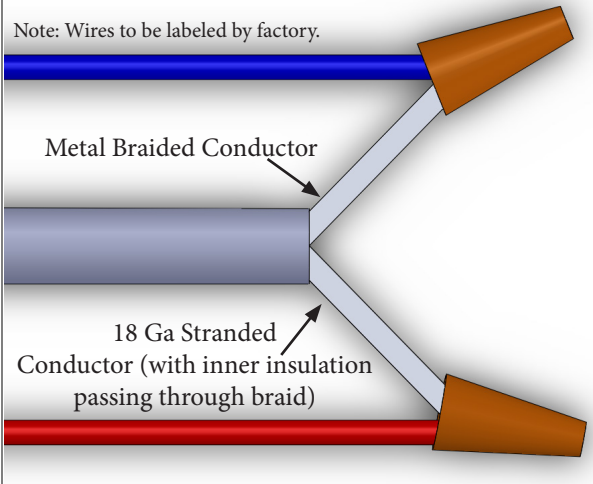
INSTALLATION INSTRUCTIONS

Individual Power Canopy (PCx)

7

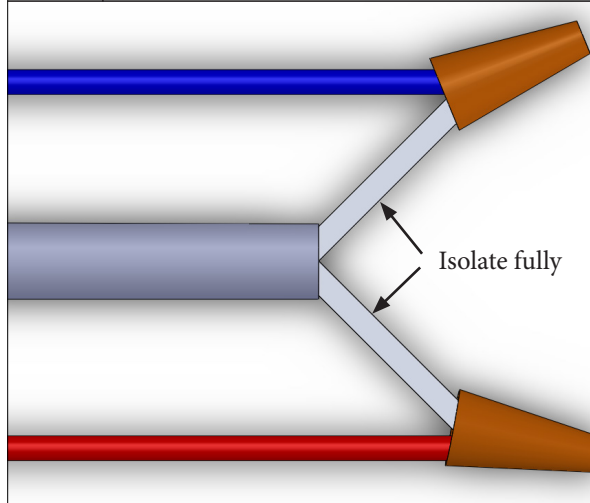
Using wire nuts, connect the (Anode) red (+) wire to the center conductor and connect the braid to the (Cathode) blue (-) wire.

Note: Wires to be labeled by factory.



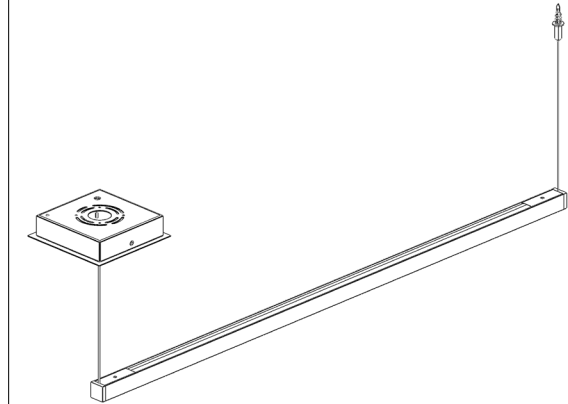
8

Using electrical tape, wrap the wire nuts and braid completely to insulate them.



9

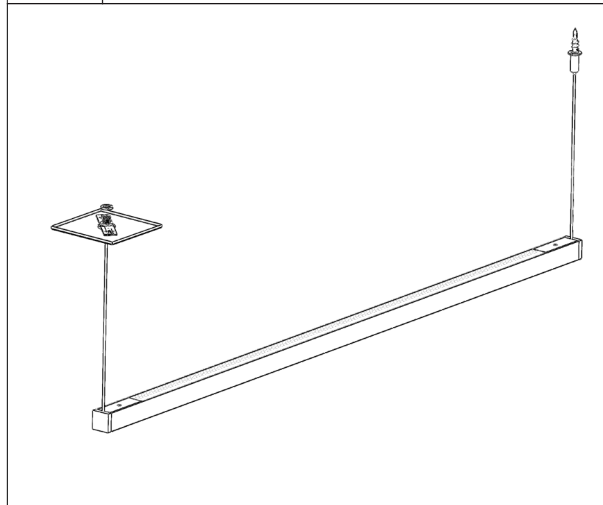
Lift power canopy into position and reinstall the screws to secure the power canopy in place. Level fixture using the grip jacks. Restore power.



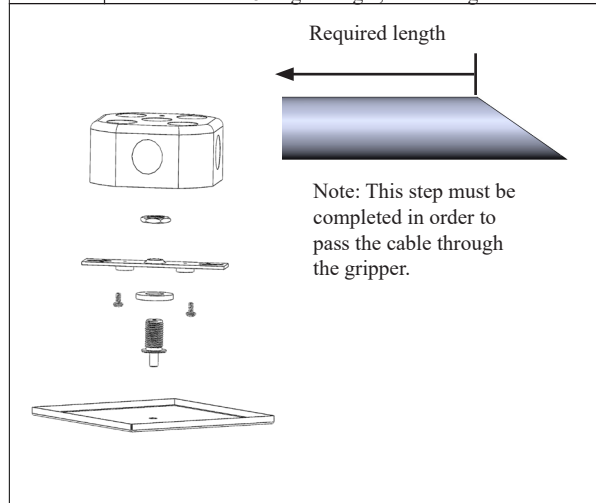
INSTALLATION INSTRUCTIONS

Individual Remote Surface Mount with Canopy (RSMx)

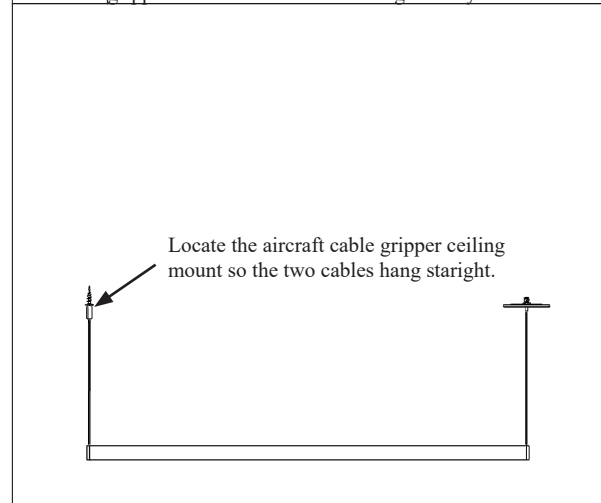
- 1** Power must be turned off prior to disconnecting or reconnecting fixture. Locate ceiling mounting points according to supplied client drawing.



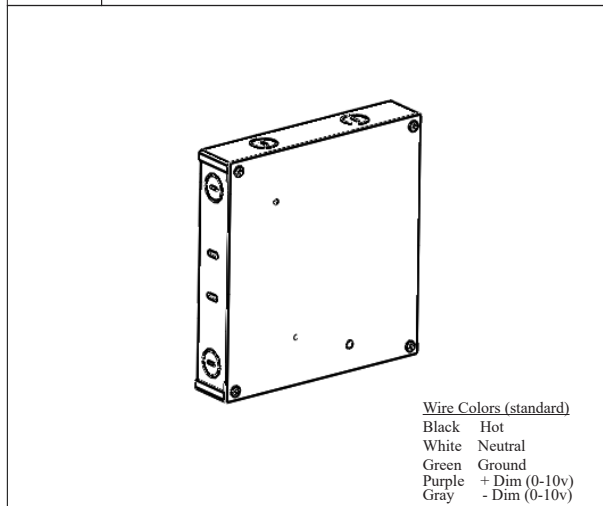
- 2** Mount the magnetic crossbar to j-box. Determine the distance the fixture will hang from canopy. Add 6" to allow the length of cable needed to terminate coax to driver. Cut coax cable on a 45-degree angle, at the length needed.



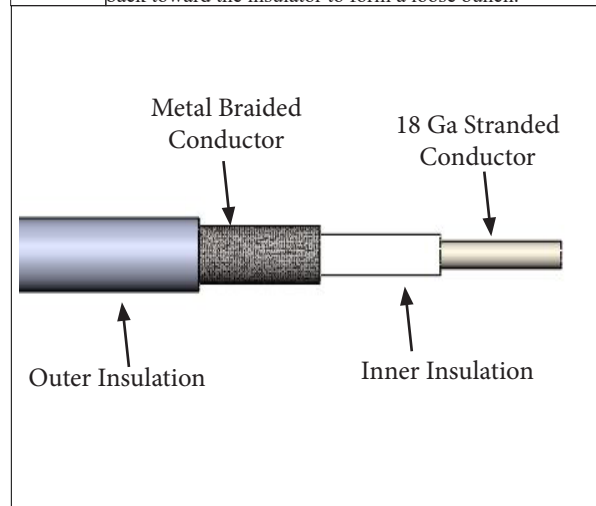
- 3** Support fixture near ceiling. Insert coax cable into the gripper jack and push coax cable into canopy. Final leveling after coax cable is terminated. Insert aircraft cable into gripper to allow the fixture to hang correctly.



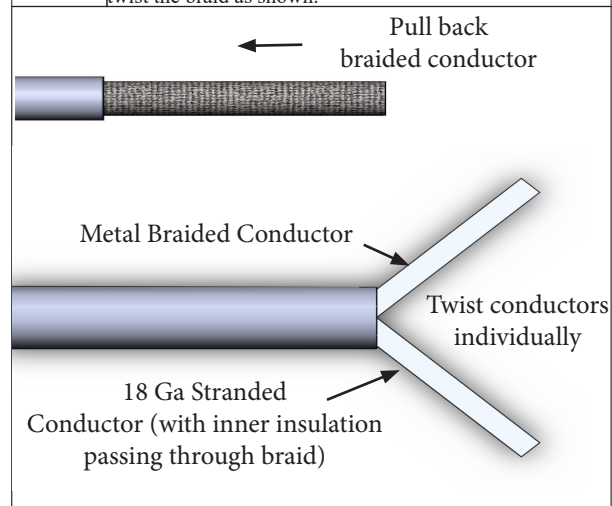
- 4** Connect wire to building mains (from remote box).



- 5** Strip back coax cable outer insulator to expose metal braid. Using 14ga. cutter position on wire stripping tool, take off approx. 1.5" of the outer insulator. Push the braid back toward the insulator to form a loose bunch.



- 6** Using a pointed tool, expose the inner insulator and form a bend and work the insulated portion of the coax as shown below. Pull the inner insulated wire thru the opening and twist the braid as shown.



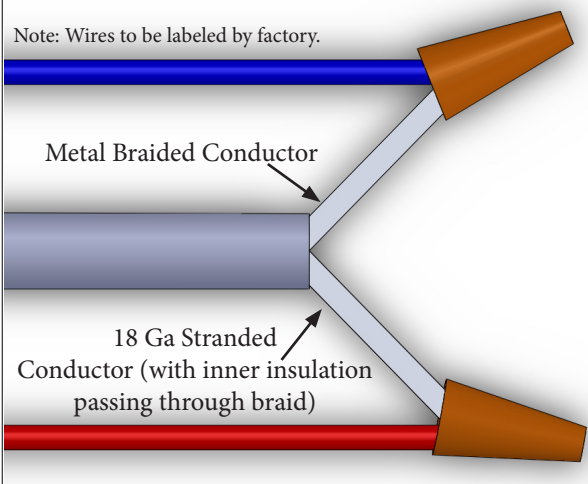
INSTALLATION INSTRUCTIONS

Individual Remote Surface Mount with Canopy (RSMx)

7

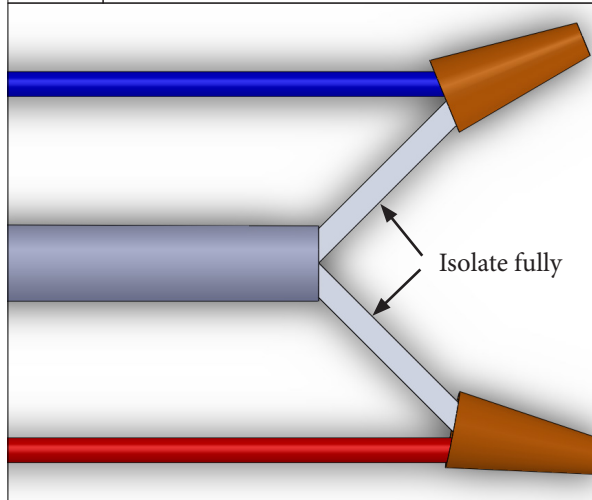
Using wire nuts, connect the (Anode) red (+) wire to the center conductor and connect the braid to the (Cathode) blue (-) wire.

Note: Wires to be labeled by factory.



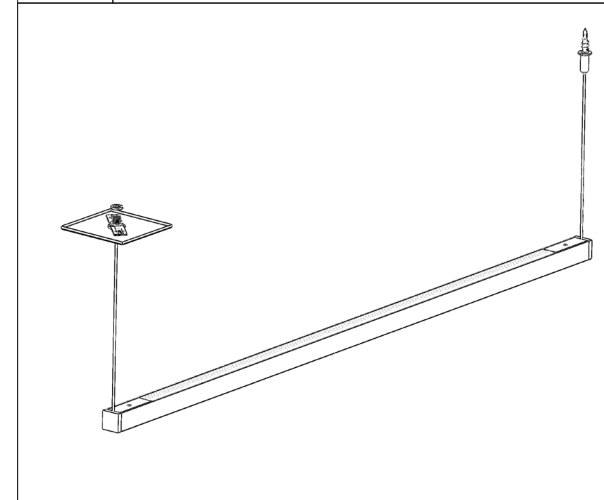
8

Using electrical tape, wrap the wire nuts and braid completely to insulate them.



9

Lift power canopy into position. Level fixture using the grip jacks. Slide canopy up to ceiling to engage magnets. Restore power.

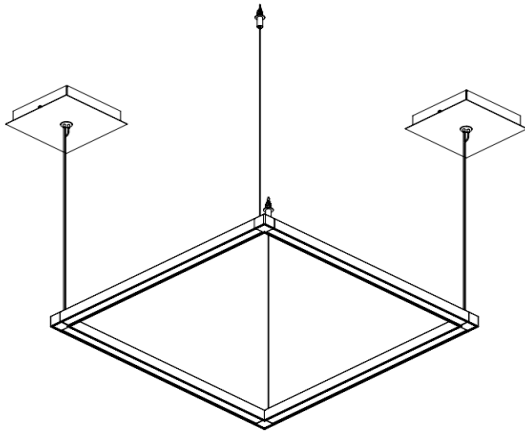


INSTALLATION INSTRUCTIONS

Shape Power Canopy (PCx) Sq or Rect

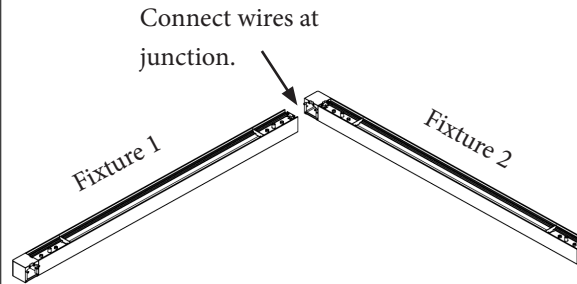
1

Power must be turned off prior to disconnecting or reconnecting fixture. Reference client supplied drawing for fixture numbering convention and mounting point locations.



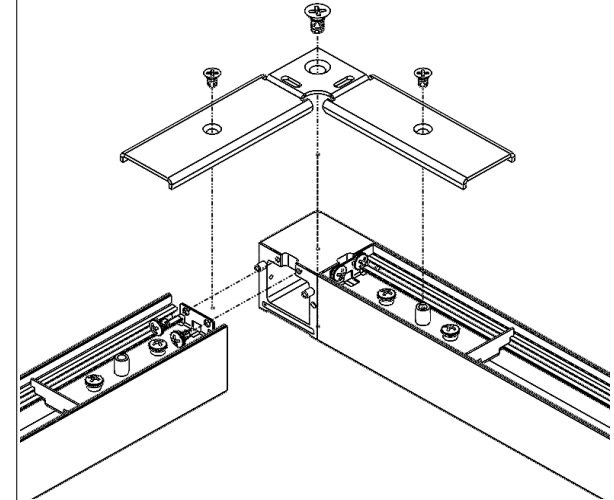
2

Take "Fixture 1" and "Fixture 2" and connect the fixtures via loose wires at the end of the fixture. Please take caution in connecting direct wires to direct boards and indirect wires to indirect boards.



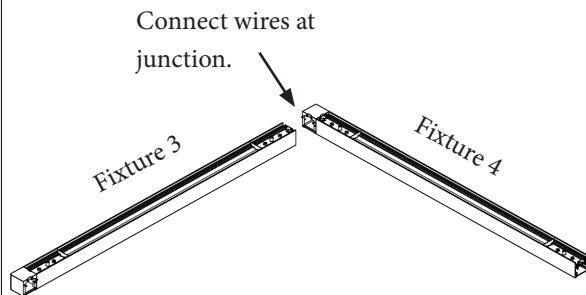
3

Join fixtures. Slide the endcap bracket to the face of the hub, and secure with (2) screws. Repeat this on the other fixture. Tighten set screws in the endcap bracket. Do not over tighten these screws. Add "L" bracket to the top side.



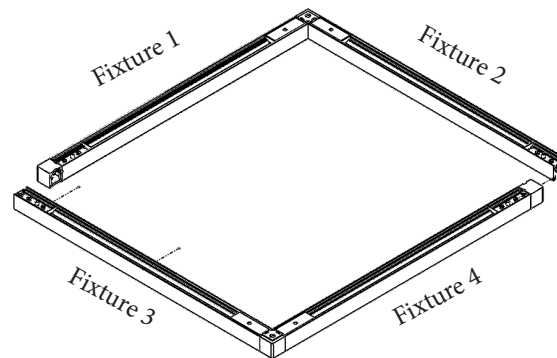
4

Repeat steps 2-3 using "Fixture 3" and "Fixture 4".



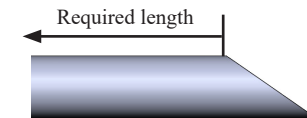
5

Connect the two "L"s together using the same method of joining as step 3. No wire connections need to be made between these "L"s as they are powered independently.

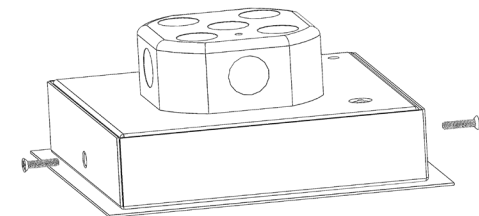


6

Temporarily install lower canopies. Determine the distance the fixture will hang from canopy. Add 6" to allow the length of cable needed to terminate coax to driver. Cut coax cable on a 45-degree angle, at the length needed.



Note: This step must be completed in order to pass the cable through the gripper.

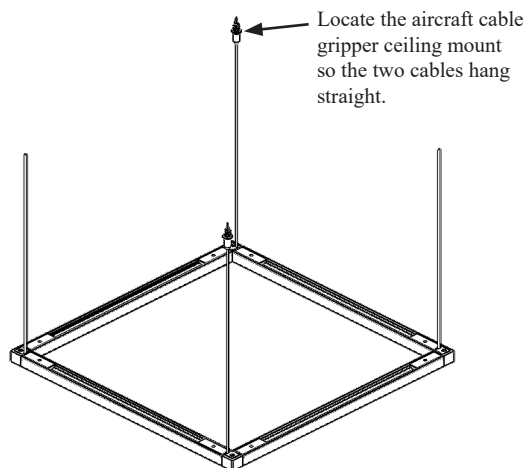


INSTALLATION INSTRUCTIONS

Shape Power Canopy (PCx) Sq or Rect

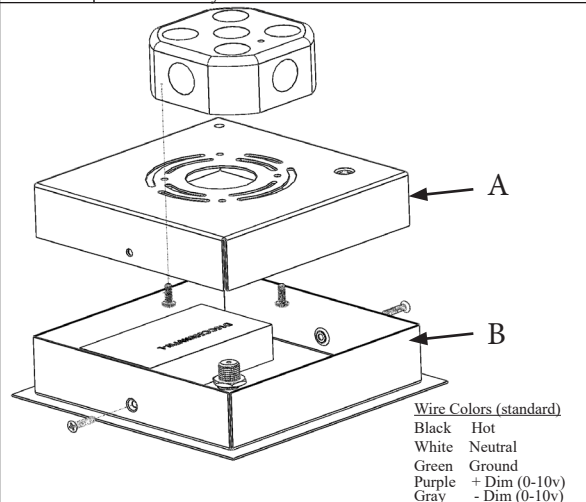
7

Support fixture near power canopy. Insert coax cable into the gripper jack and push coax cable into canopy. Final leveling after coax cable is terminated. Insert aircraft cable into gripper to allow the fixture to hang correctly.



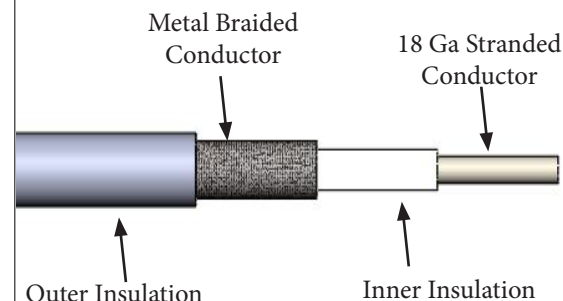
8

Connect wire to building mains and then canopy to structure. Mount canopy back cover (A) to J-box securing it with (2) screws. Lower section of canopy (B) will hang from wire lanyard attached to both sections.



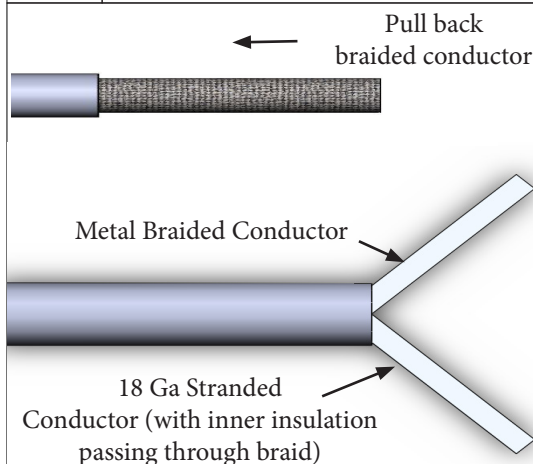
9

Strip back coax cable outer insulator to expose metal braid using 14ga. cutter position on wire stripping tool. Take off approx. 1.5" of the outer insulator. Push the braid back toward the insulator to form a loose bunch.



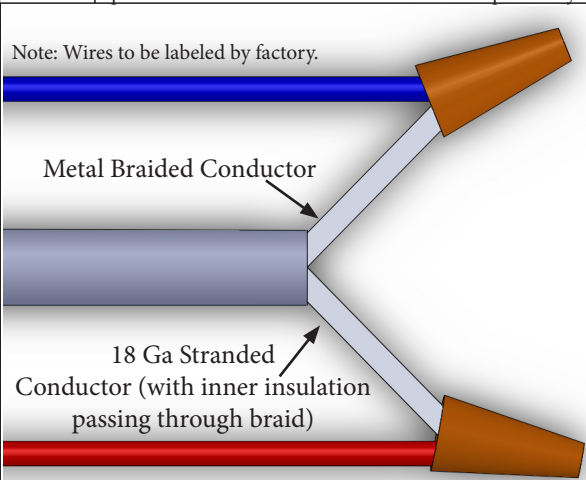
10

Using a pointed tool, expose the inner insulator and form a bend and work the insulated portion of the coax as shown below. Pull the inner insulated wire thru the opening and twist the braid as shown.



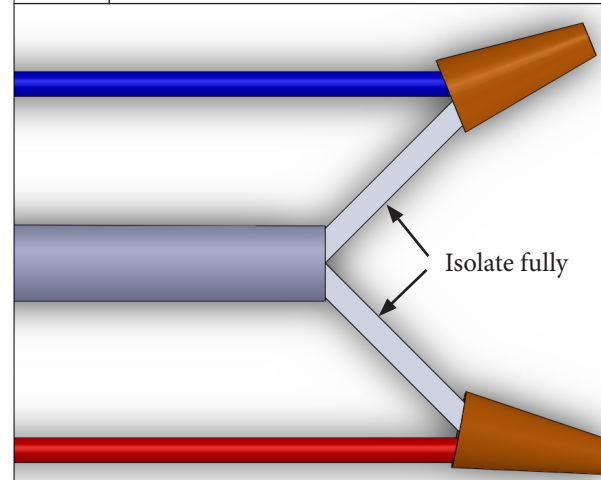
11

Using wire nuts, connect the (Anode) red (+) wire to the center conductor and connect the braid to the (Cathode) blue (-) wire. Note: For DI fixtures, this will have to be repeated to connect direct/indirect drivers independently.



12

Using electrical tape, wrap the wire nuts and braid completely to insulate them.

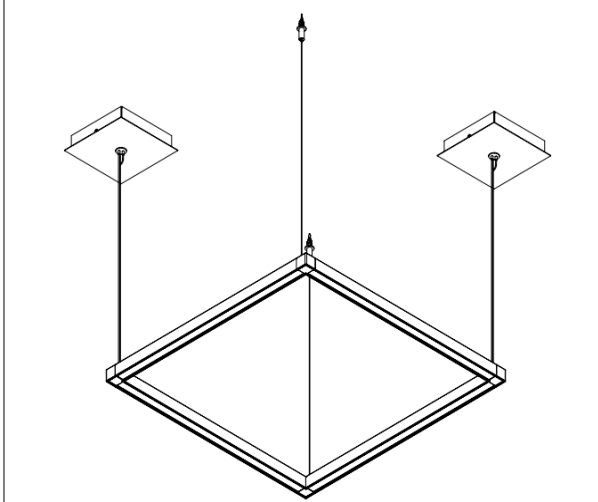


INSTALLATION INSTRUCTIONS

Shape Power Canopy (PCx) Sq or Rect

13

Lift power canopy into position and reinstall the screws to secure the power canopy in place. Level fixture using the grip jacks. Restore power.

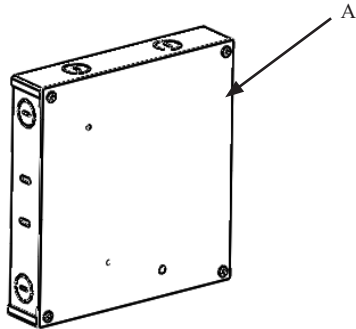


INSTALLATION INSTRUCTIONS

Remote Surface Mount Power Box (RSMx)

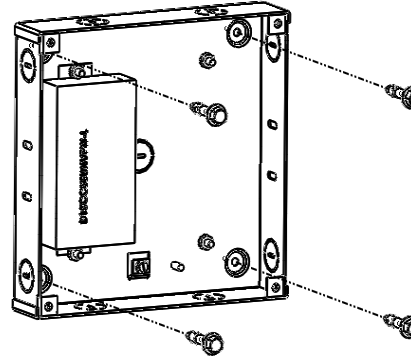
1

Power must be disconnected prior installing power box. Remove 4 screws to take cover (A) off of power box.



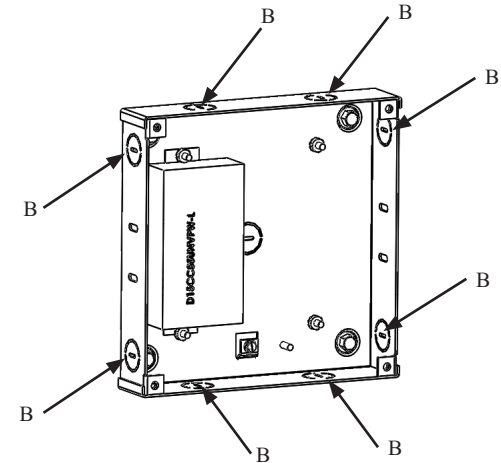
2

Determine which knockout/location the wires will exit the power box, and punch out material. Mount the power box to structure with 4 screws as shown (hardware provided by others). For power cord applications, skip to step 5



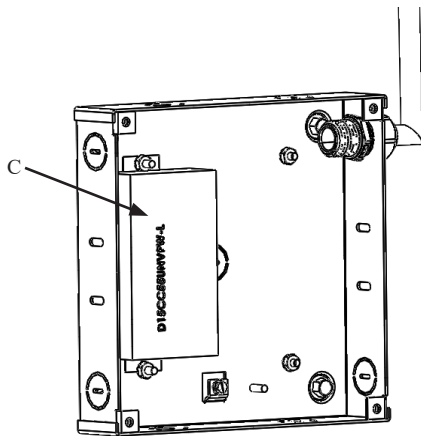
3

For conduit application: Run conduit (provided by others) from selected knockout location (B) to single gang junction box where fixture is to be mounted (fittings provided by others). Route cables through conduit to junction box.



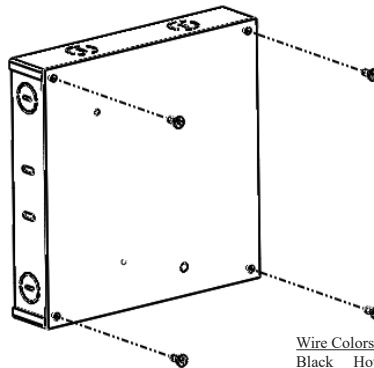
4

For power cord application: Run power cord to fixture. Connect wires to the driver (C). Power cord includes strain relief.



5

Connect power box to building mains. Place cover (A) back on power box, and fasten with 4 screws.



Wire Colors (standard)
Black Hot
White Neutral
Green Ground
Purple + Dim (0-10v)
Gray - Dim (0-10v)

6

Restore power.

