

## IMPORTANT



1. READ ALL INSTRUCTIONS.
2. INSTALL IN ACCORDANCE WITH NATIONAL AND LOCAL ELECTRICAL CODE REGULATIONS.
3. THIS PRODUCT IS INTENDED TO BE INSTALLED AND SERVICED BY A QUALIFIED, LICENSED ELECTRICIAN.
4. DO NOT INSTALL IN WET LOCATIONS. FOR DRY AND DAMP USE ONLY.
5. TURN OFF ELECTRICAL POWER BEFORE INSTALLING OR SERVICING FIXTURE IN ANY WAY.
6. TO REDUCE THE RISK OF FIRE AND OVERHEATING, MAKE SURE ALL CONNECTIONS ARE TIGHT.
7. UNDER NO CIRCUMSTANCES CAN THE LIGHTING FIXTURE BE COVERED WITH HEAT INSULATION GASKET OR SIMILAR MATERIALS.
8. THE MAXIMUM CONNECTION OF EACH INPUT LINE IS UP TO 100' IN 277AC, 40' IN 120AC.

## SHOCK HAZARD



MAY RESULT IN SERIOUS INJURY OR DEATH.  
TURN POWER OFF AT CIRCUIT BREAKER PRIOR TO INSTALLATION OR SERVICING.

## INSTALLATION

Universal Voltage permits operation at 120VAC thru 277VAC, 50 or 60 Hz.

- a. Connect the black luminaire lead to the supply lead.
  - b. Connect the white luminaire lead to the neutral supply lead.
  - c. Connect the green or green/yellow ground lead to the green supply lead.
- a. If Dimming is an option; connect the violet dimming positive lead to the supply dimming positive lead. If dimming is not being used, ensure to cap off the violet lead.
  - b. If Dimming is an option; connect the grey dimming negative lead to the supply dimming negative lead. If dimming is not being used, ensure to cap off the grey lead.


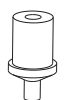
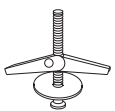





LUMINAIRE	
LINE	LINE-BLACK
GREEN	GROUND-GREEN
NEUTRAL	NEUTRAL-WHITE
DIM (+) VIOLET	VIOLET
DIM (-) GREY	GREY




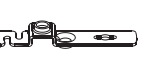

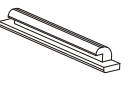
## INSTALLATION

### TOOLS REQUIRED

1. Sharp Side Cutter
2. Electric Drill
3. Level
4. Measuring Tool
5. Wire Stripper / Knife
6. Philips Screwdrivers
7. Wire Cutters

### ACCESSORY

Code	A	B	C	D	E	F	G	H
Picture								
Name	5 FT Aircraft Cable	Cable Gripper	Butterfly Drywall Anchor	Screw PA4x30	Anchor	Strain relief threaded stud	Strain relief threaded nut	Wire Nut

Code	I	J	K	L	M	N
Picture						
Name	Cable Tie	2" Non-power canopy kit	4" Power canopy kit	Bracket Bar	Screw PM4x22	Silicone Seal

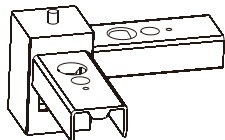
Noted: Silica gel stopper "N" is used to seal seams that may appear at both ends of luminaires when multiple connections.

### JOINER OPTIONS

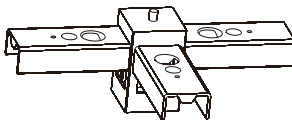
"—" Joiner



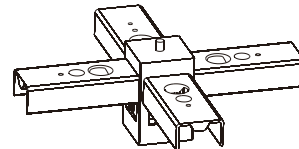
"L" Joiner



"T" Joiner



"+" Joiner



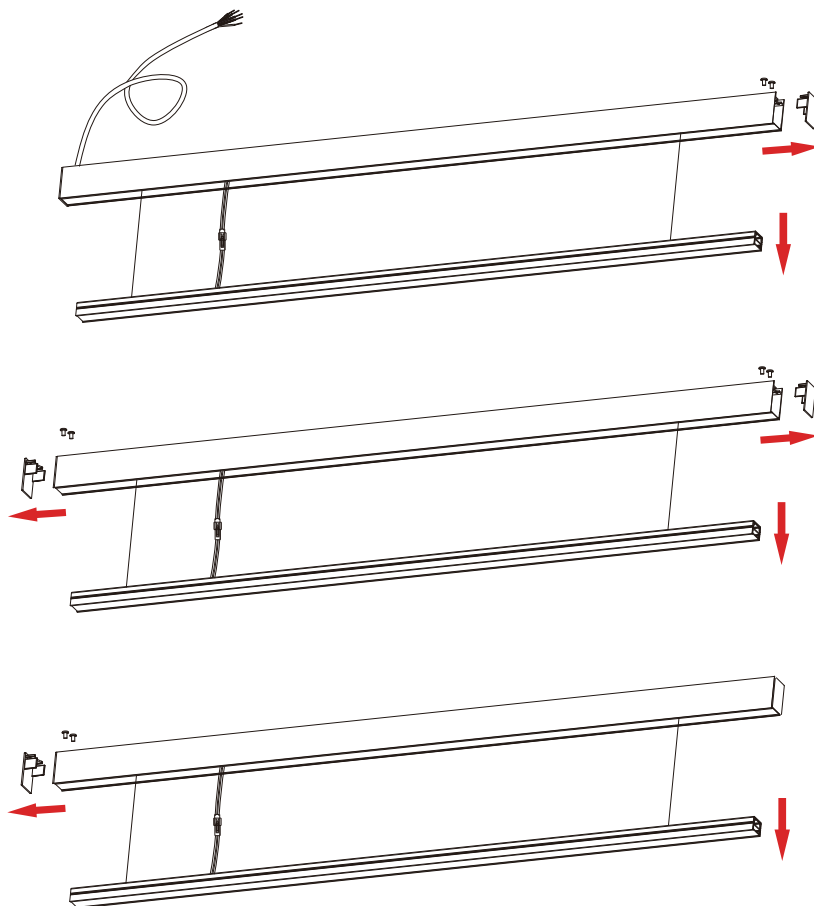
 It needs 2 inputs if using joiner "T" and "+".

## Pre-installation: Disassemble luminaires as shown below

Start of Run (S/R): Remove the end cap without power code, and take the LED module out.

Middle of Run (M/R): Remove both end caps, and take the LED module out.

End of Run (E/R): Remove the end cap with power code, and take the LED module out.



## A. LINE SHAPE CONNECTION

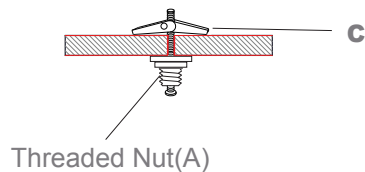
### STEP 1: Prepare J-Box bracket and mounting point

1-1: Insert "B" and "F" counterclockwise into bracket bar "L".

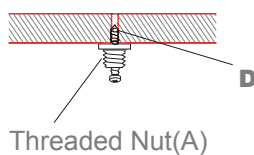
1-2: Install bracket bar into the J-box.

1-3: On the other mounting sides, according to different ceilings to choose the right fastener "C, D or E" to install Threaded Nuts (from "A") into the ceiling.

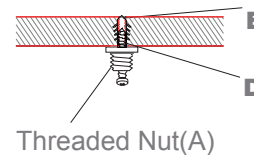
#### ① Drywall ceiling

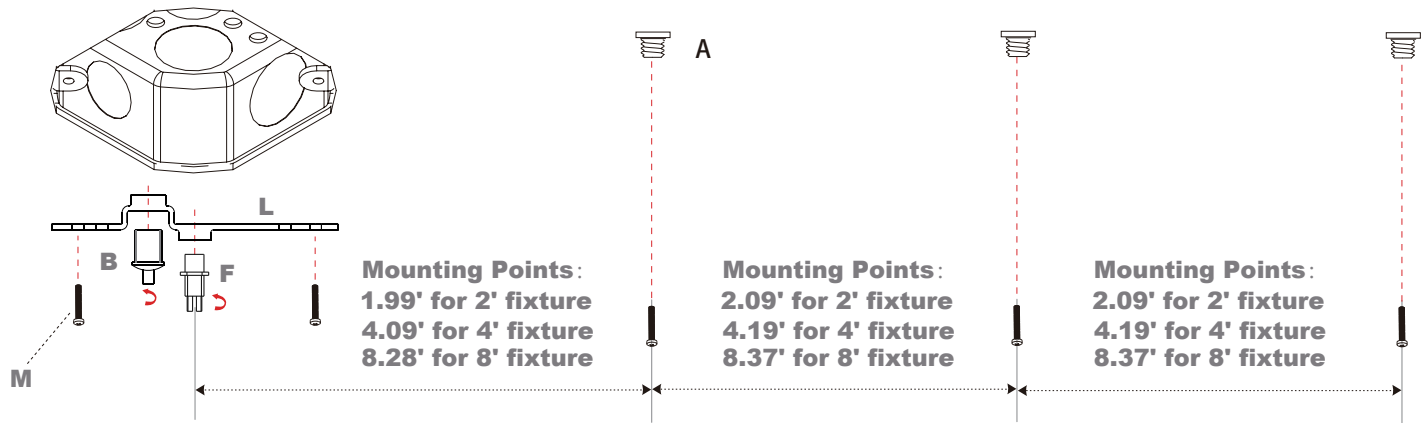


#### ② Wooden Frame Ceiling



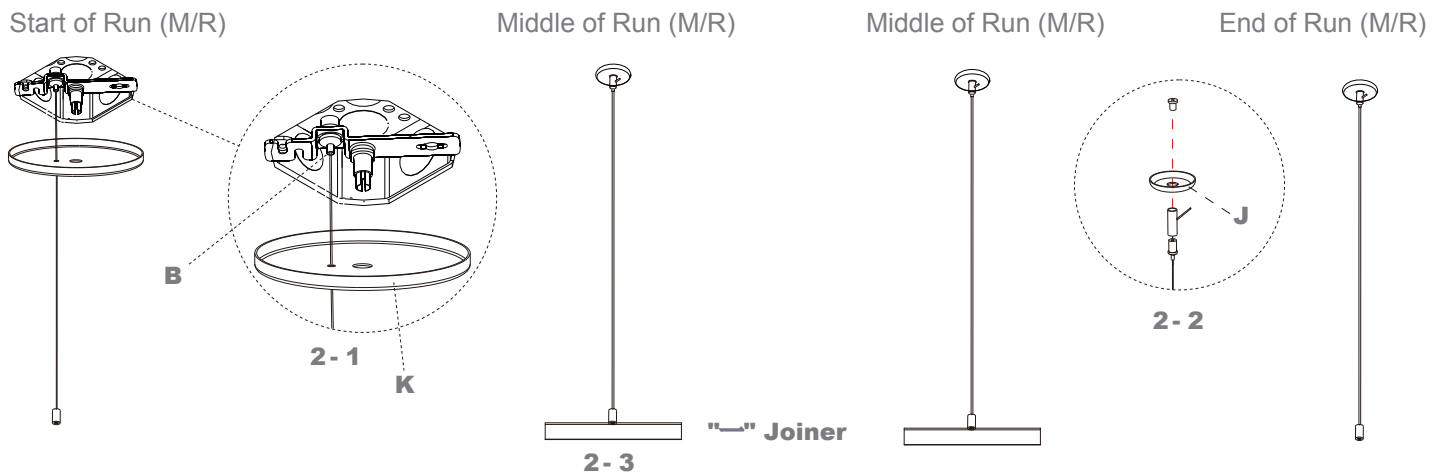
#### ③ Cement Drywall





### STEP 2: Install aircraft cables and joiners

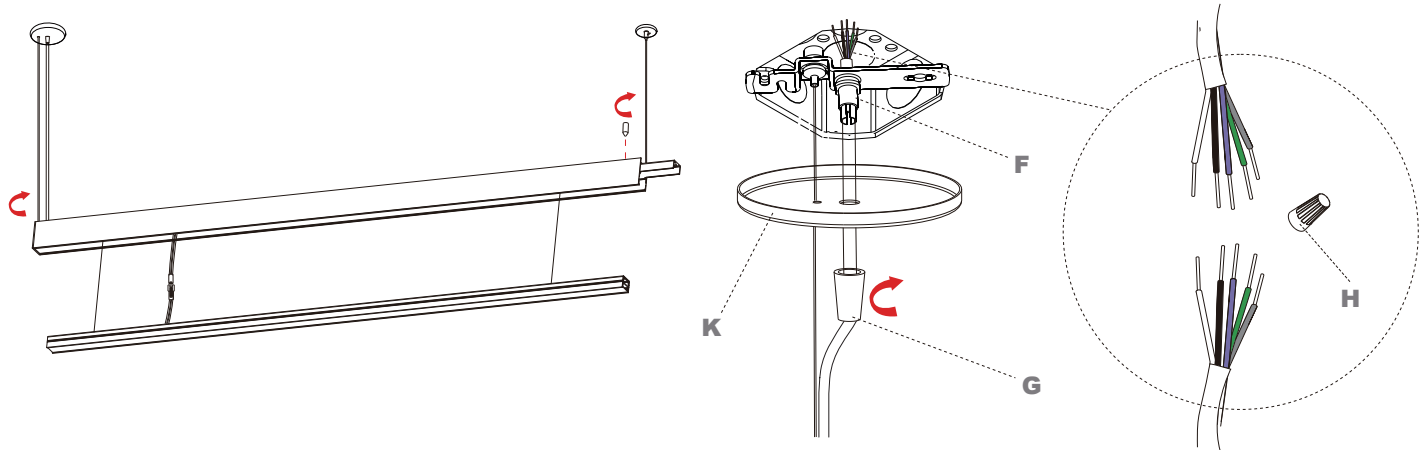
- 2-1: Feed aircraft cable through the small hole of 4" canopy "K", then insert into Cable Gripper "B";
- 2-2: On the other sides, feed aircraft cables through Cable Gripper with cylinder (from A) and 2" canopy "J".  
Secure the Cable Gripper to the Threaded Nut (from A) one by one.
- 2-3: Screw all these bottom parts of aircraft cable from Middle of Run to the the Joiner "—" one by one.



### STEP 3: Hang fixture and wiring - Start of Run

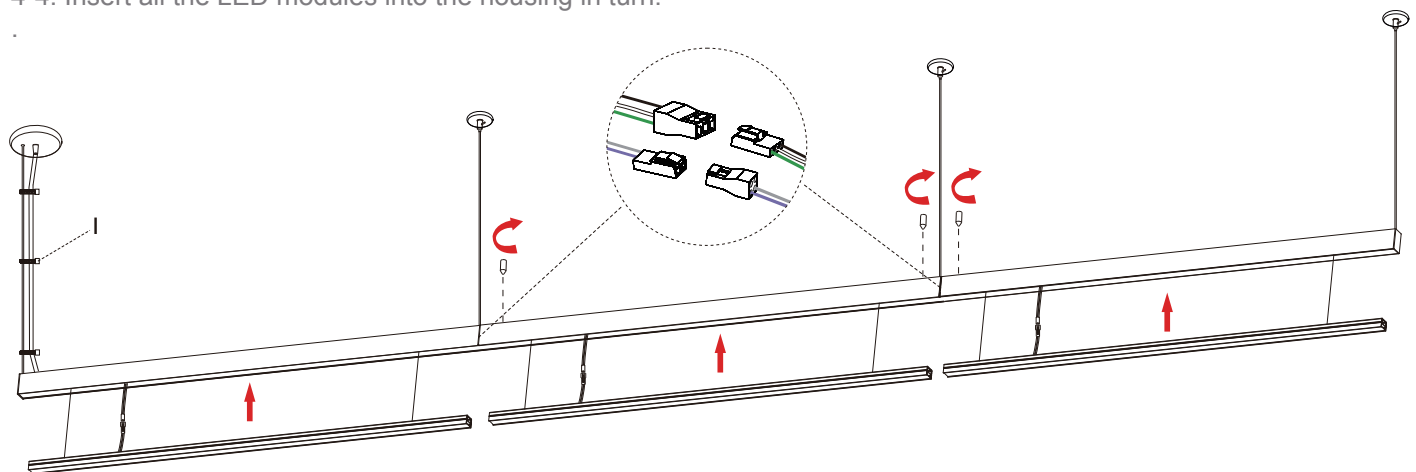
- 3-1: Fasten aircraft cable clockwise to the end cap of Start of Run, making sure it hang the luminaire.
- 3-2: Insert the joiner "—" into luminaire from another side and fix it with screws.
- 3-3: Thread power cord into 4" canopy "K" and through threaded stud F (fixed on Bracket Bar).
- 3-4: Then using the wire nut "H" to connect AC wires and dimming wires. Push all the wires into J-box.
- 3-5: Attach the 4" canopy onto J-box and secure it with Strain Relief Thread Nut "G". Make sure no wires get pinched.

**⚠** Adjust the height of luminaire.  
Luminaire can be raised by pulling cable through the gripper and can be lowered by depressing the top cylinder on the gripper which pulls the luminaire down.

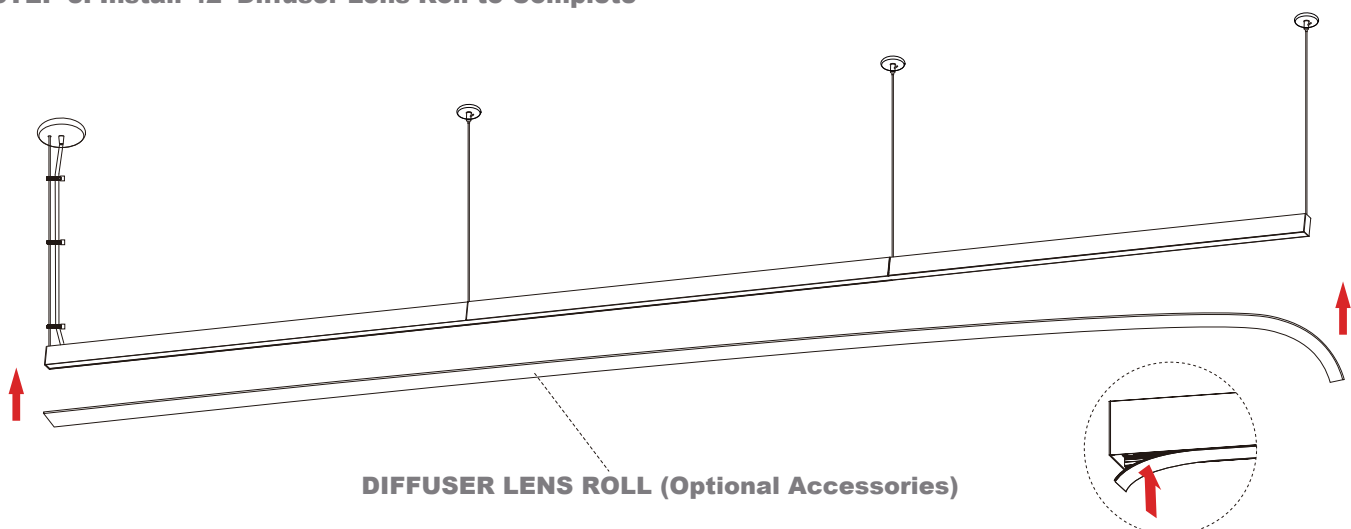


**STEP 4: Repeat Hang and Join steps –Middle to End of Run**

- 4-1: Hang and join all these remaining fixtures one by one.
- 4-2: Zip tight power cord & aircraft suspension cable with provided material "I".
- 4-3: Connect the quick connectors properly.
- 4-4: Insert all the LED modules into the housing in turn.



**STEP 5: Install 42' Diffuser Lens Roll to Complete**



## B. L SHAPE CONNECTION

⚠ For T shape, X shape or other geometric shapes, all subject to the L shape installation

⚠ It needs 2 inputs if using joiner "T" and "+".

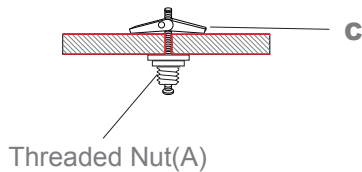
### STEP 1: Prepare J-Box bracket and mounting point

1-1: Insert "B" and "F" counterclockwise into bracket bar "L".

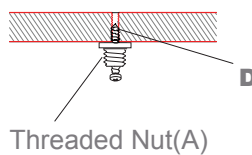
1-2: Install bracket bar into the J-box.

1-3: On the other mounting sides, according to different ceilings to choose the right fastener "C, D or E" to install Threaded Nuts (from "A") into the ceiling.

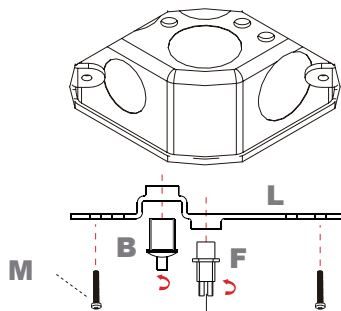
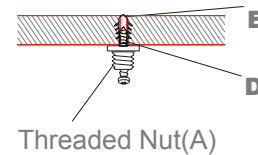
#### ① Drywall ceiling



#### ② Wooden Frame Ceiling



#### ③ Cement Drywall



**Mounting Points:**  
1.99' for 2' fixture  
4.09' for 4' fixture  
8.28' for 8' fixture



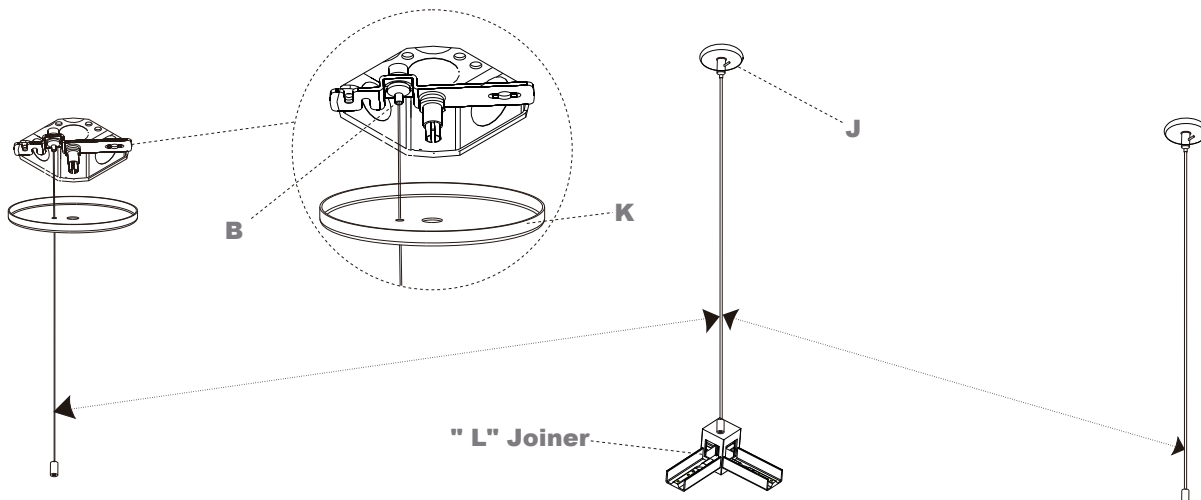
**Mounting Points:**  
2.09' for 2' fixture  
4.19' for 4' fixture  
8.37' for 8' fixture

### STEP 2: Install aircraft cables and joiners

2-1: Feed aircraft cable through the small hole of 4" canopy "K", then insert into Cable Gripper "B";

2-2: On the other sides, feed aircraft cables through Cable Gripper with cylinder (from A) and 2" canopy "J".  
Secure the Cable Gripper to the Threaded Nut (from A) one by one.

2-3: Screw all these bottom parts of aircraft cable from Middle of Run to the the Joiner "L" one by one.

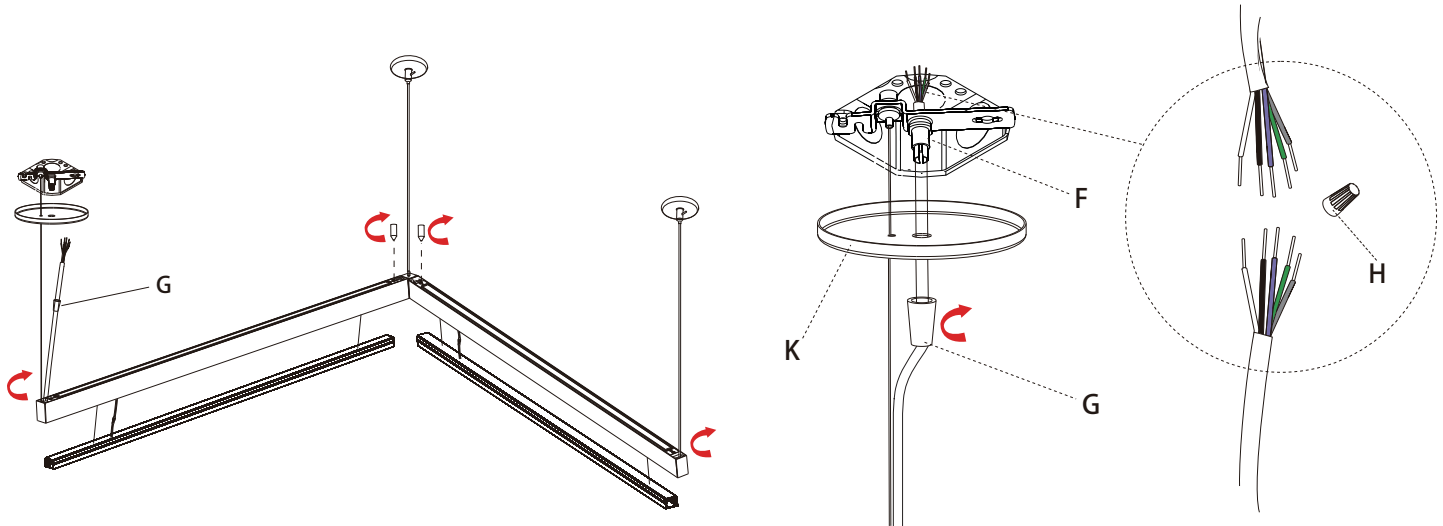


**STEP 3: Hang fixture and wiring**

- 3-1: Fasten aircraft cable clockwise to the end cap of Start of Run, making sure it hang the luminaire.
- 3-2: Insert the joiner "L" into luminaires and fix it with screws.
- 3-3: Thread power cord into 4" canopy "K" and through threaded stud F (fixed on Bracket Bar).
- 3-4: Then using the wire nut "H" to connect AC wires and dimming wires. Push all the wires into J-box.
- 3-5: Attach the 4" canopy onto J-box and secure it with Strain Relief Thread Nut "G". Make sure no wires get pinched.

**⚠** Adjust the height of luminaire.

Luminaire can be raised by pulling cable through the gripper and can be lowered by depressing the top cylinder on the gripper which pulls the luminaire down.



**STEP 4: Connect to Complete**

- 4-1: Zip tight power cord & aircraft cable with provided material "I".
- 4-2: Connect the quick connectors properly.
- 4-3: Insert all the led modules into the housing in turn.
- 4-4: Replace the removed lens.

