

## 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 277VAC, 40' IN 120VAC.

## 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.

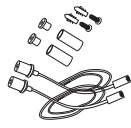







LUMINAIRE	
LINE	LINE-BLACK
GREEN	GROUND-GREEN
NEUTRAL	NEUTRAL-WHITE
DIM (+) VIOLET	VIOLET
DIM (-) GREY	GREY



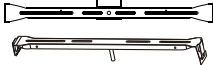
## INSTALLATION

### 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

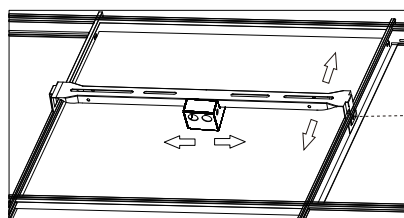
Code	A	B	F	G	H	I	J	K
Picture								
Name	5 FT Aircraft Cable	Cable Gripper	Strain relief threaded stud	Strain relief threaded nut	Wire Nut	Cable Tie	2" Non-power canopy kit	4" Power canopy kit

Code	L	M	O
Picture			
Name	Bracket Bar	Screw PM4x22	T-grid mounting hanger

## INSTALLATION STEPS

### STEP 1: Prepare T-grid hangers and mounting points on ceiling

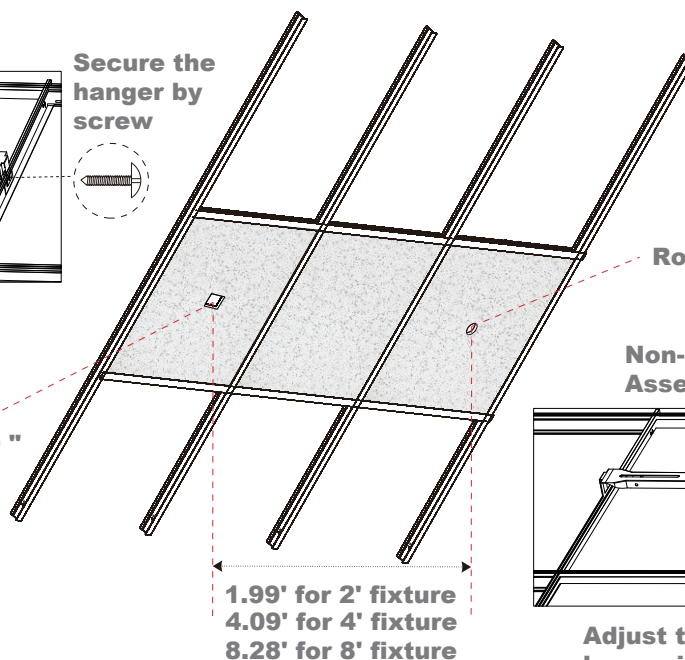
#### Feed Location Assembled View



Adjust the right location by moving bracket or J-box.

Square hole size: 2.9" x 2.9"

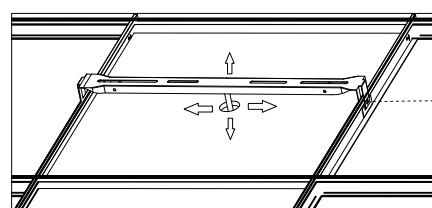
Secure the hanger by screw



Round holes size: 1.18"

1.99' for 2' fixture  
4.09' for 4' fixture  
8.28' for 8' fixture

#### Non-Feed Location Assembled View

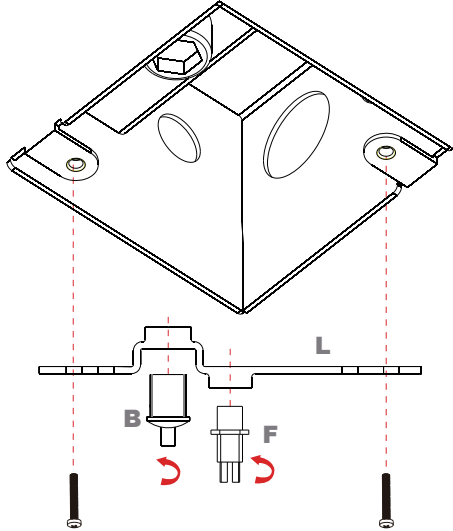


Secure the hanger by screw

Adjust the right location by moving bracket or screw

**STEP 2: Prepare J-Box bracket**

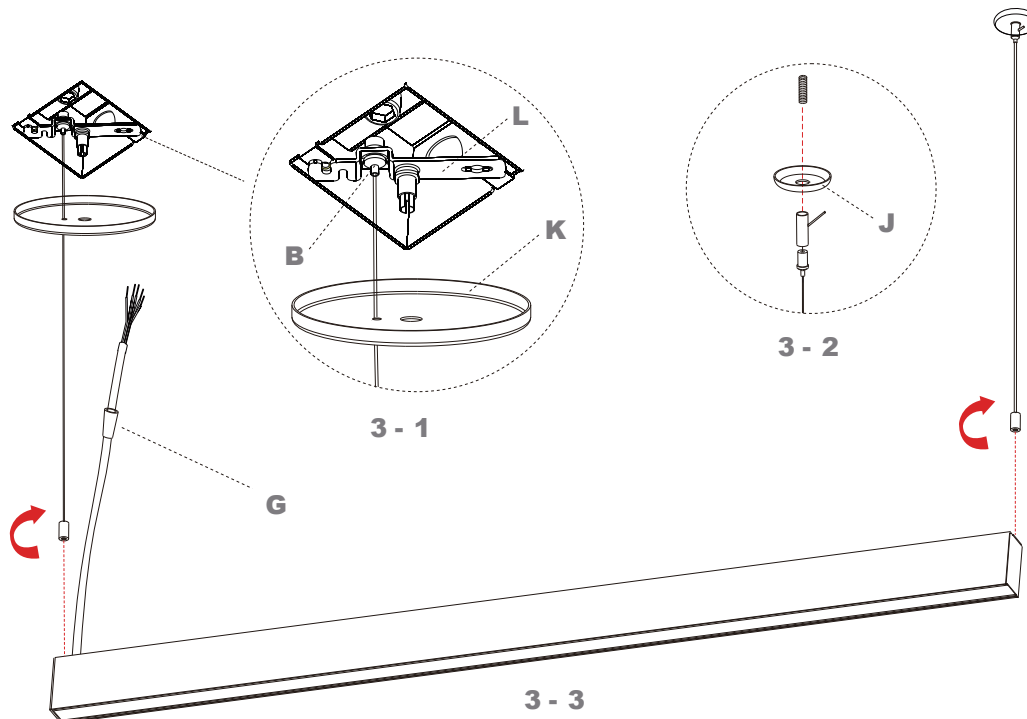
- 2-1: Insert "B" and "F" counterclockwise into bracket bar "L".  
2-2: Install bracket bar into the J-box.



**STEP 3: Hang fixtures**

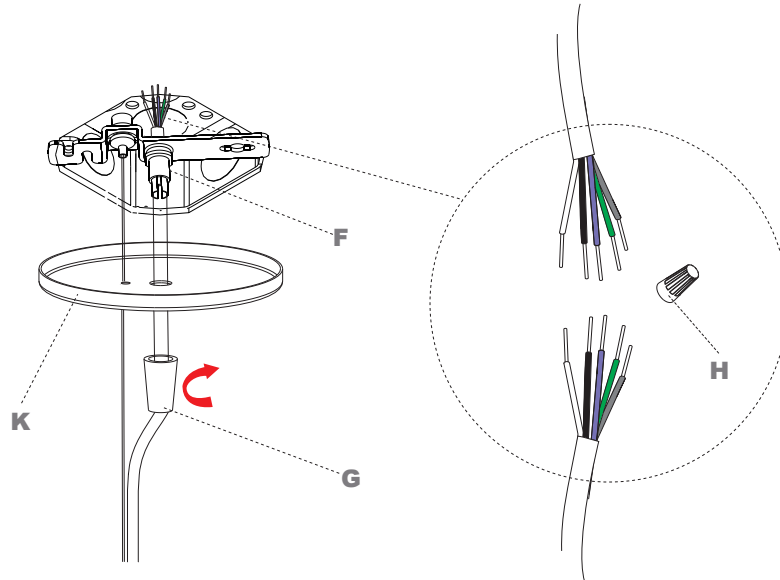
- 3-1: Feed aircraft cable through the small hole of 4" canopy "K", then insert into Cable Gripper "B";  
3-2: On the other side, thread aircraft cable through the cover, using the screw to secure the 2" canopy "J" onto ceiling  
3-3: Screw both bottom parts of aircraft cables clockwise and secure them on the top of housing making sure they hang the fixture firmly.

**⚠** 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: Wiring**

- 4-1: Thread power cord into 4" canopy "K" and through threaded stud F (fixed on Bracket Bar).  
4-2: Then using the wire nut "H" to connect AC wires and dimming wires. Push all the wires into J-box.  
4-3: Attach the 4" canopy onto J-box and secure it with Strain Relief Thread Nut "G". Make sure no wires get pinched.



**STEP 5: Complete**

Use the cable tie "I" to keep the electric wire going up along with the wire rope.

