

LED Linear Hanging (Suspended) Light

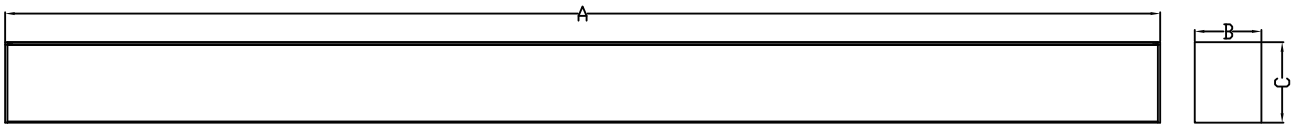
Product Appearance



Product Features

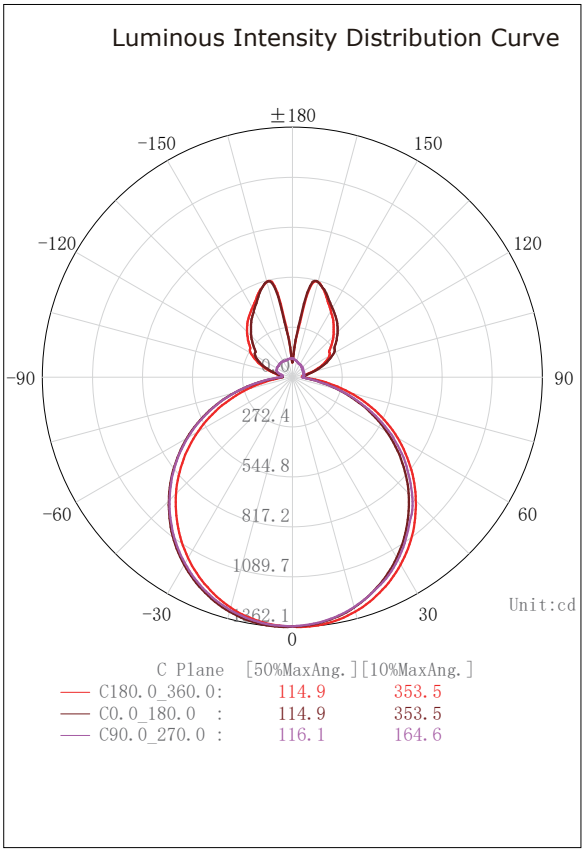
- 1. ETL, FCC, DLC listed.
- 2. Power optional: 2FT 15W-20W-25W, 4FT 40W-45W-50W, 8FT 60W-70W-80W.
- 3. Lumen efficiency: 130lm/W.
- 4. 0-10V dimmable driver.
- 5. Input voltage: 120-277 VAC.
- 6. Surface mounting installation.SuspenSion,Wall mounting, Can be Row connettion.
- 7. Five years' warranty.

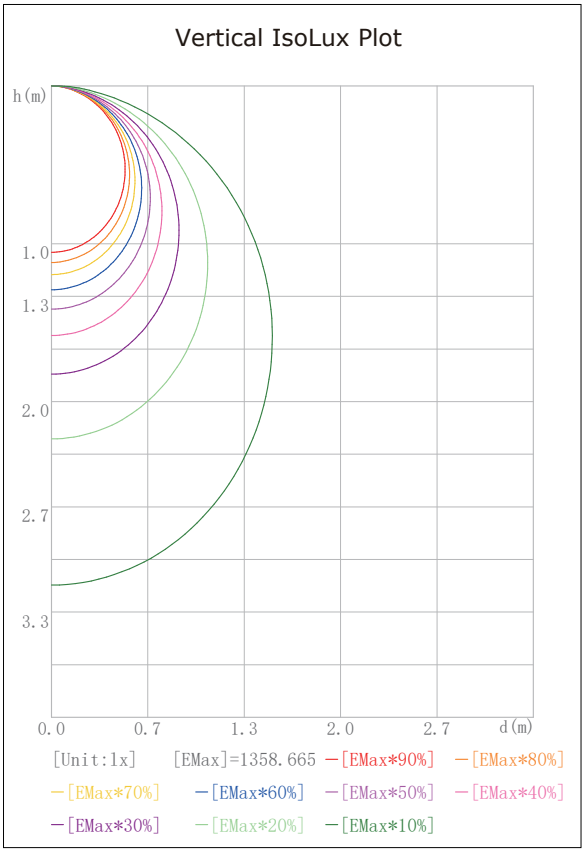
Product Dimension



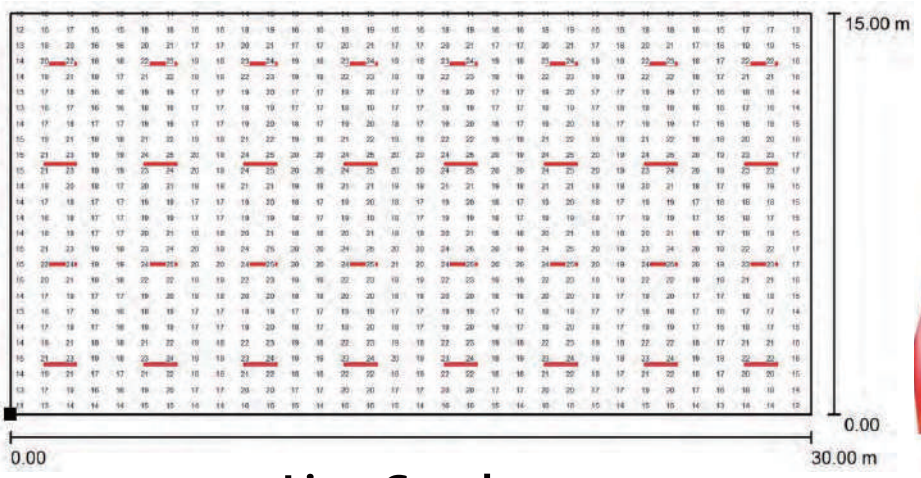
Mode	size	A (inch)(mm)	B (inch)(mm)	C (inch)(mm)
LF-2FT-25W-L-H	2FT	23.94" 608mm	2.76" 70mm	3.28" 82mm
LF-4FT-50W-L-H	4FT	47.56" 1208mm	2.76" 70mm	3.28" 82mm
LF-8FT-80W-L-H	8FT	95.20" 2418mm	2.76" 70mm	3.28" 82mm

Testing Report

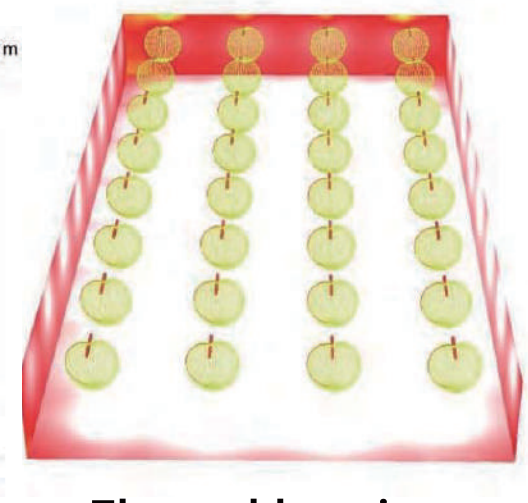




Simulation chart



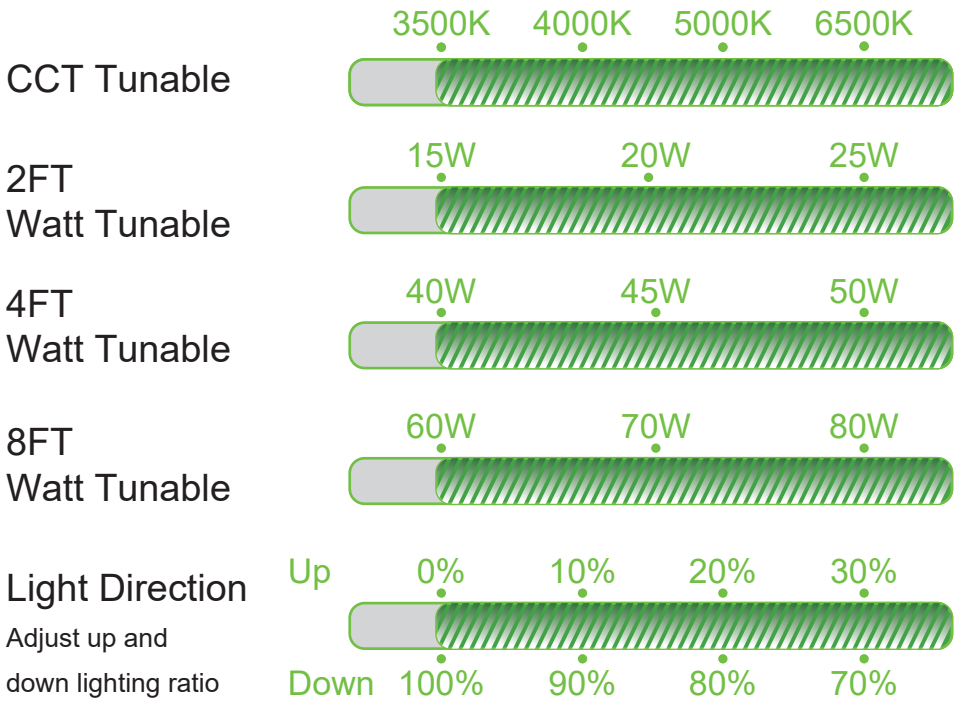
Line Graph



Thermal Imaging

Specification

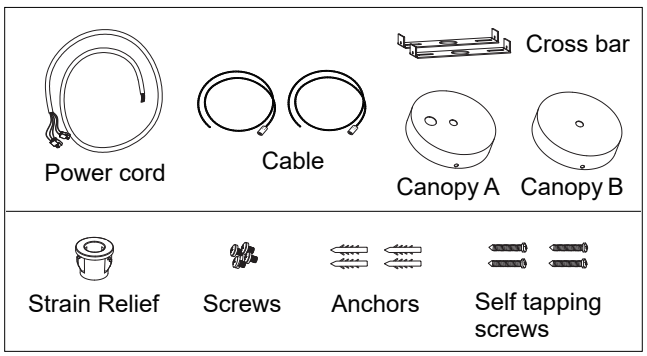
Mode	Size	Power	Input Voltage	Dimmable	PF	Light Efficacy	Ra	CCT
LF-2FT-25W-L-H	2FT	15W-20W-25W	AC120-277V	0-10V	>0.9	130 lm/W	80	3500K 4000K 5000K 6500K
LF-4FT-50W-L-H	4FT	40W-45W-50W						
LF-8FT-80W-L-H	8FT	60W-70W-80W						



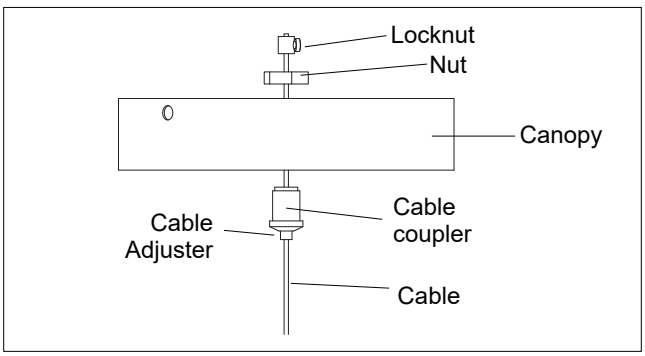
Installation

Pendant Mounting, Drywall Ceiling(off grid)

1.Preparation
Take out the fixture and accessories package from the box.

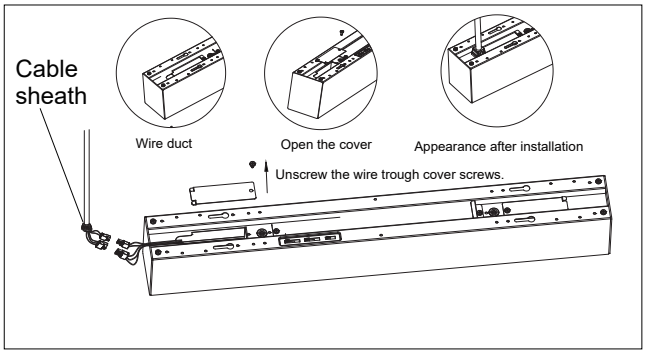


2.Fix cable to canopies.
Release locknut, pass the cable through the canopy A and tighten the nut to fix the cable. Repeat to fix cable to canopy B.

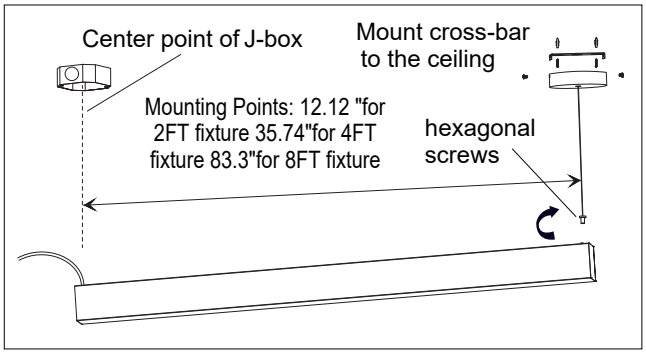


Installation

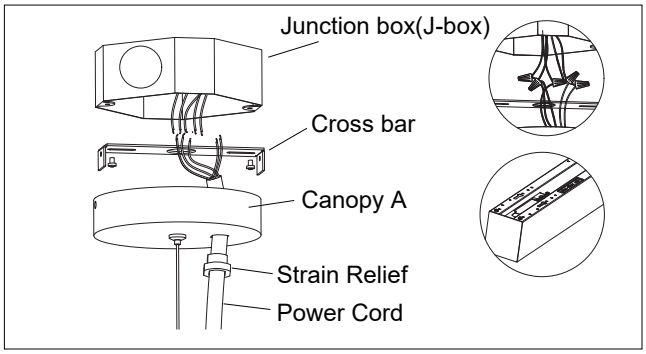
3. Attatch Power cord to the fixture.
Unscrew the wire trough cover screws, open the cover, take out the wires, connect the AC wire to the lamp input wire, then put all the wires into the wire through, finally close the cover and tighten the screws.



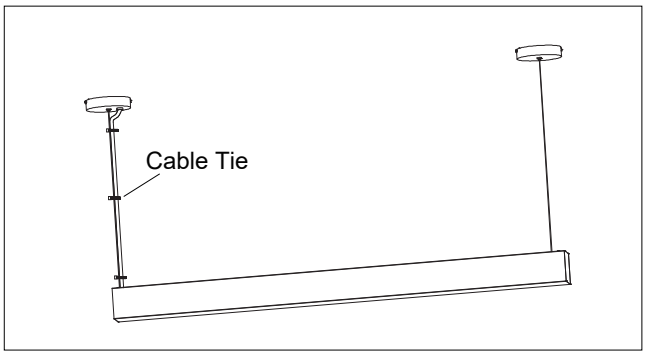
4.Install canopy B and hang the fixture right end.
Install the canopy B after positioning the mounting holes with positioning plate. Hang the right end of fixture with cable and adjust to desired height. Make sure that the fixture is securely hung.



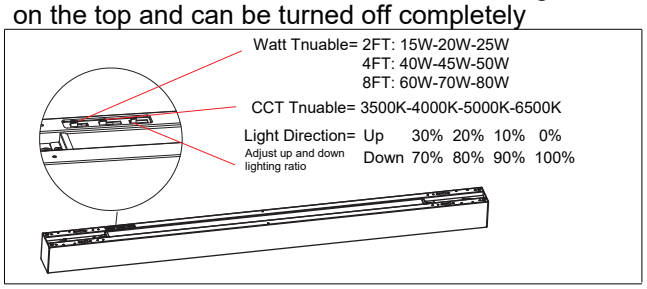
5. Install canopy A.
Pass power cord through the canopy A and connect it to main power wires. Mount the cross-bar onto J-box and fix canopy A to the cross bar to cover the J-box.



6.Hang the fixture left end.
Make sure that the fixture is securely hung. The installation is completed.



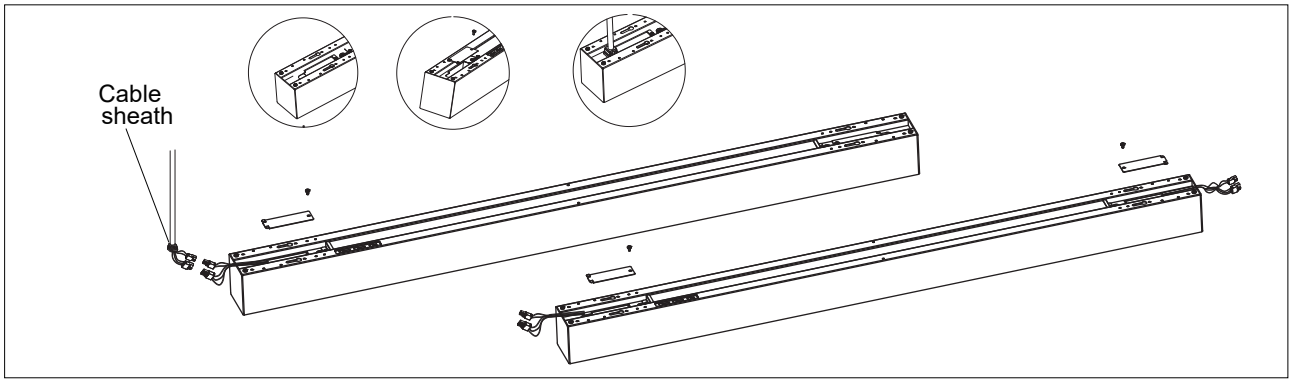
7.Poaer and CCT Tunable three levels of brightness on the top and can be turned off completely



CAUTION Please isolate two dimming wires (pink and purple) by P2 terminal individually if no need dimming; MUST connect wires with corresponding colors.

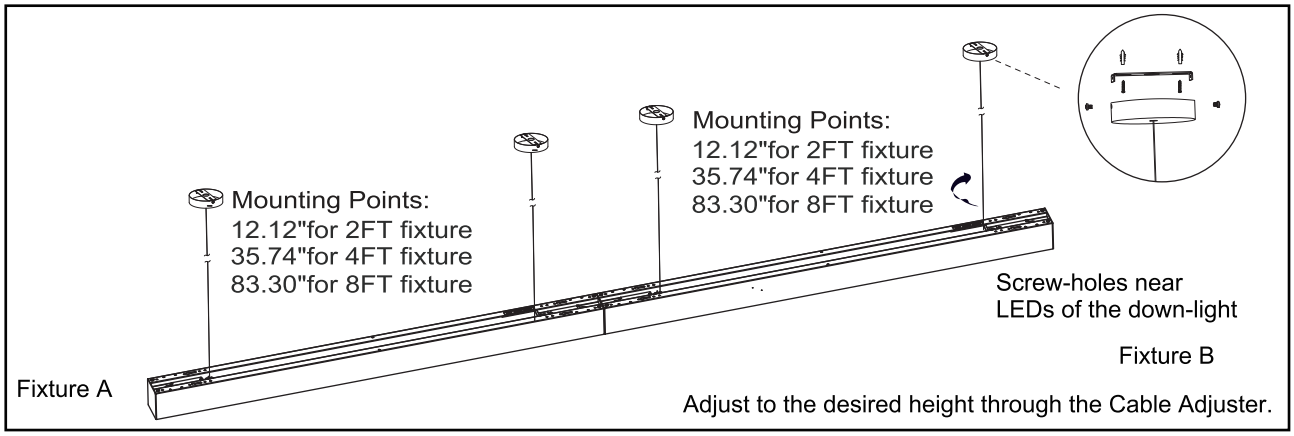
Row Connection

1. Open the wire through cover on 2 side of the lamp, take out the wires, connect the wire on one side to the AC wire, and connect the wire on the other side to the input wire of the other lamp.

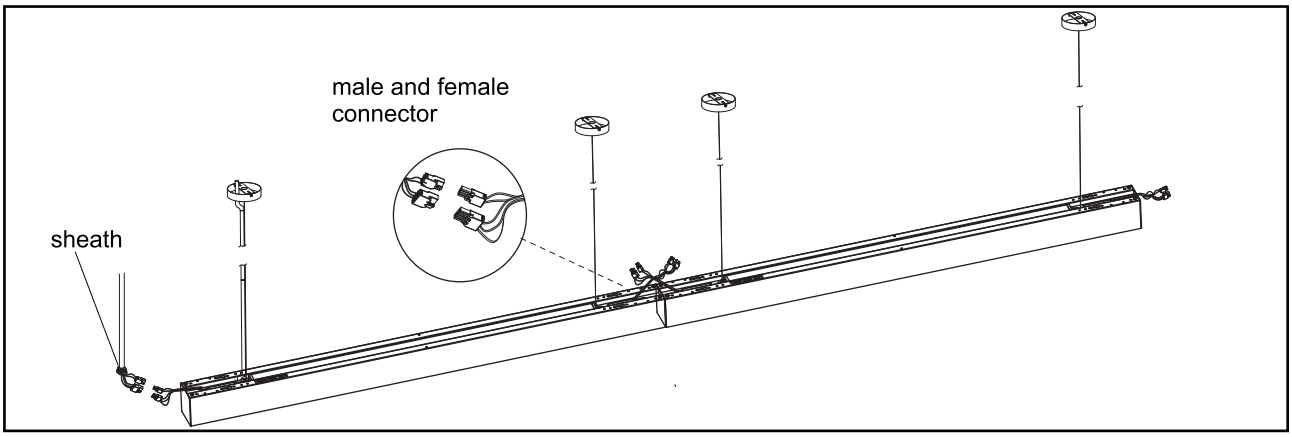


Installation

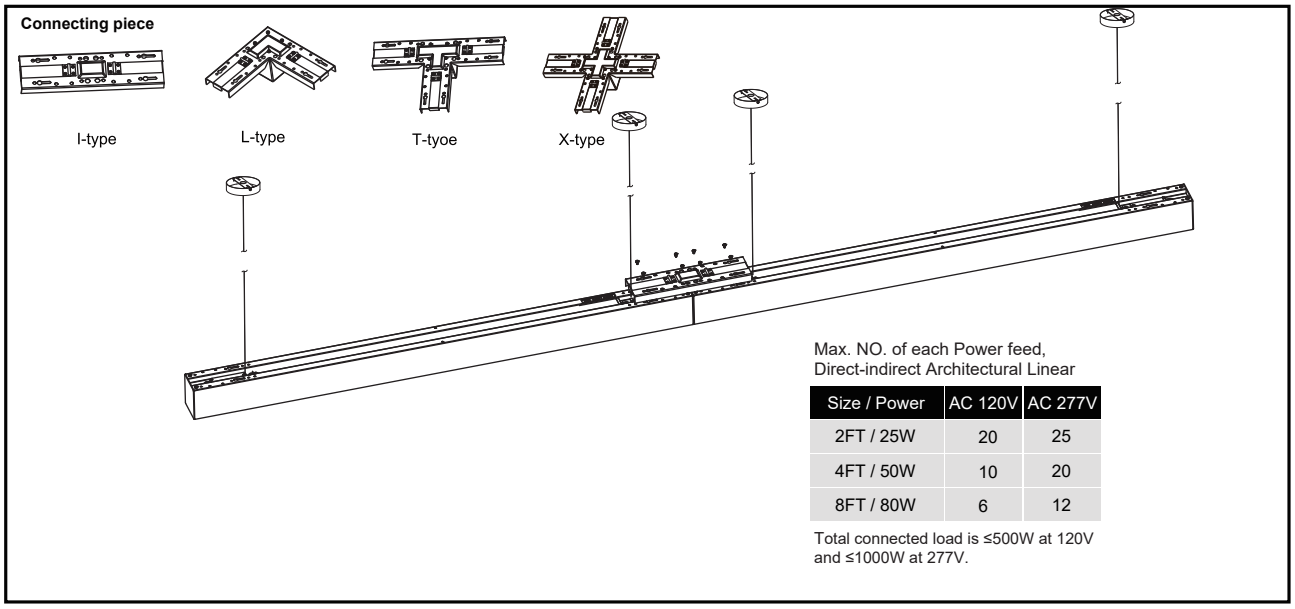
2.Install the cross-bar and canopy to the ceiling after positioning the mounting holes. Hang the right end of fixture B with cable and adjust to the desired height. Make sure that the fixture is securely hung.



3.Splice the fixture A and fixture B and do wiring connection. The wires should pass through the "I" connector. Make sure the "I" connector being embedded into the 2 fixture bodies. Then fix the "I" connector with the previously removed screws.



4.Four different connectors for option, match with holes on the housing,and connect them together with screws



Max. NO. of each Power feed,
Direct-indirect Architectural Linear

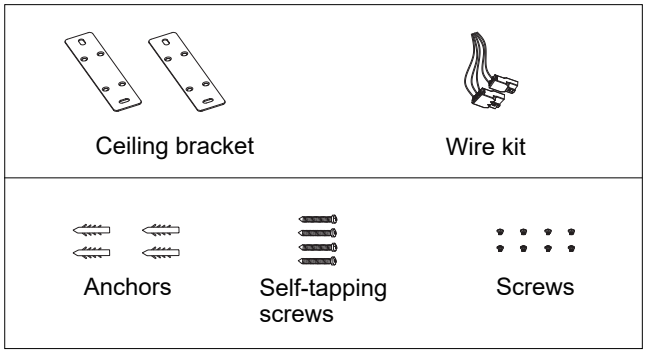
Size / Power	AC 120V	AC 277V
2FT / 25W	20	25
4FT / 50W	10	20
8FT / 80W	6	12

Total connected load is ≤500W at 120V and ≤1000W at 277V.

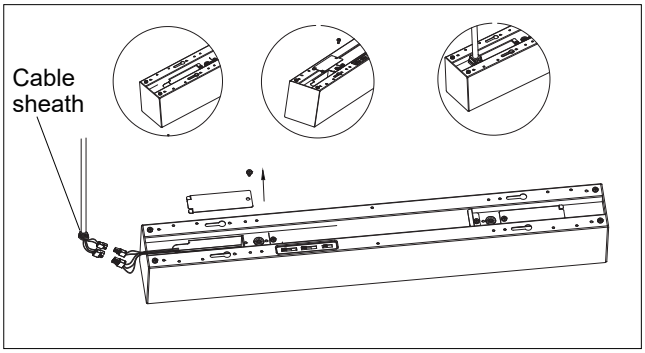
Surface mounting in the ceiling

Before installation

1.Take out the fixture and accessories from packaging and inspect for any damages. Handle new LED fixture with care.

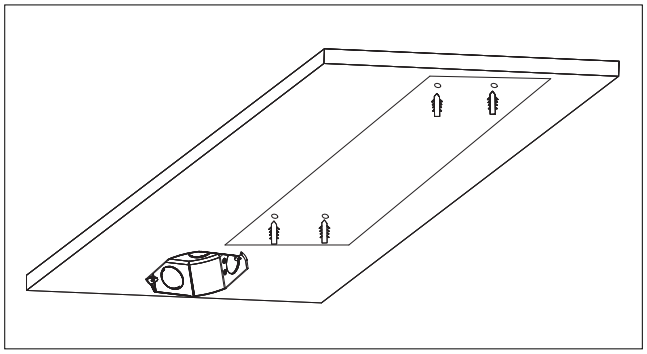


2.Remove the end-cover nearby the outlet hole and connect Wire kit to the fixture, then reattach the end-cover after passing the wires through the outlet hole.

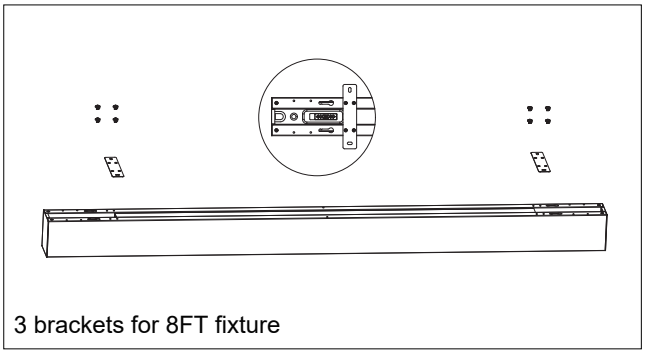


Method A: Surface mounting with brackets

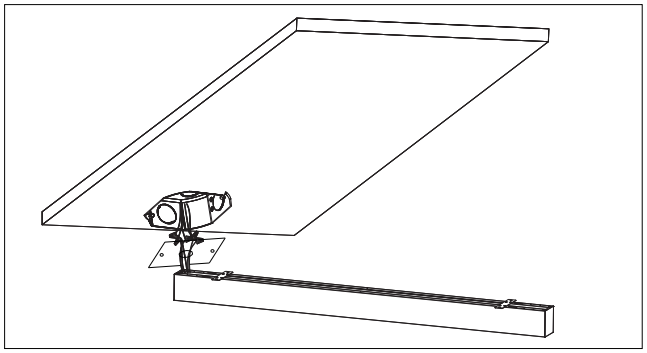
1.After positioning, drill holes in the ceiling and install anchors.



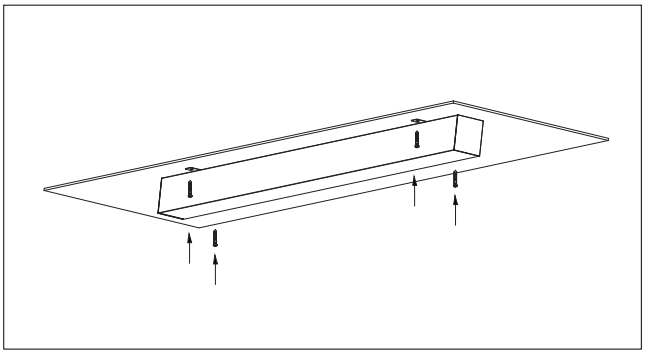
2.Fix the 2 brackets to the fixture back with provided screws.



3.Do wiring connection to Main Power as required by code and local regulations.



4.Finally, screw in 4 screws as shown to ensure the fixture hung in the ceiling firmly.

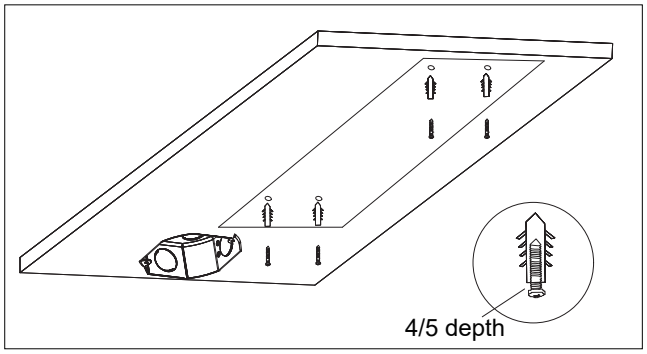


⚠ CAUTION

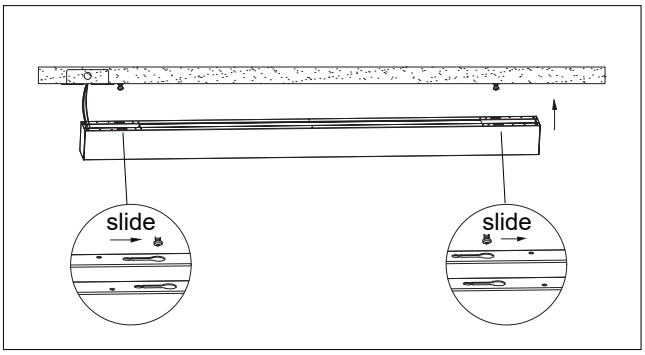
Please isolate two dimming wires(pink and purple) by P2 terminal individually if no need dimming; MUST connect wires with corresponding colors.

Method B: Surface mounting without brackets

1.After positioning, drill holes in the ceiling, insert 4 anchor bolts and screw in screws to a depth of 4/5.

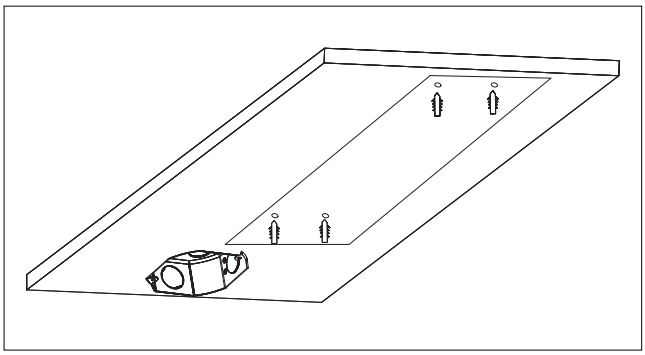


2.Do wiring connection to Main Power as required by code and local regulations. Hang fixture to the screw heads and slide fixture to right to make it hung firmly.

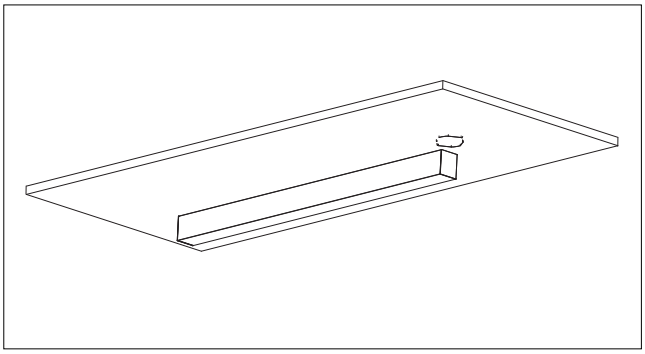


Method C: Surface mounting without brackets

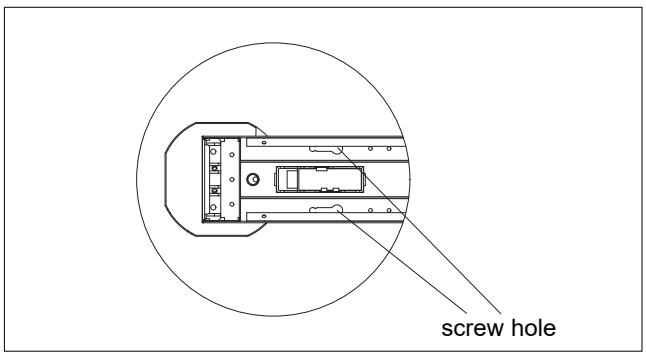
1.After positioning, drill holes in the ceiling, insert 4 anchors.



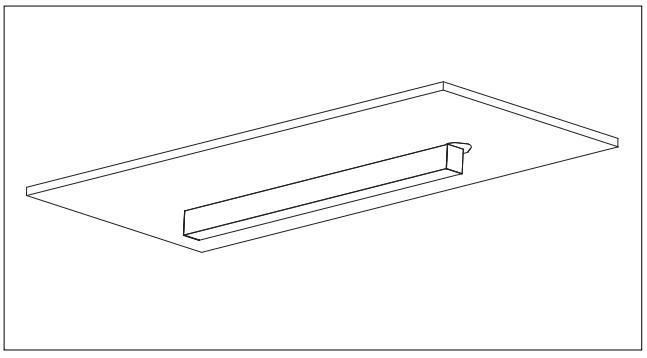
2.Remove the diffuser and LED tray. Do wiring connection to Main Power as required by code and local regulations. After connections push all wires and wire nuts inside junction box.



3.Align the screw holes with the anchors and screw in 4 screws to fix the lighting fixture to ceiling.



4.Reattach the LED tray and diffuser.Clean up fingerprints and stains.

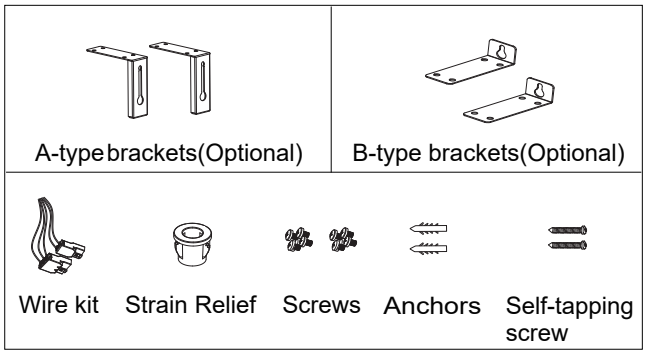


Please isolate two dimming wires(pink and purple) by P2 terminal individually if no need dimming; MUST connect wires with corresponding colors.

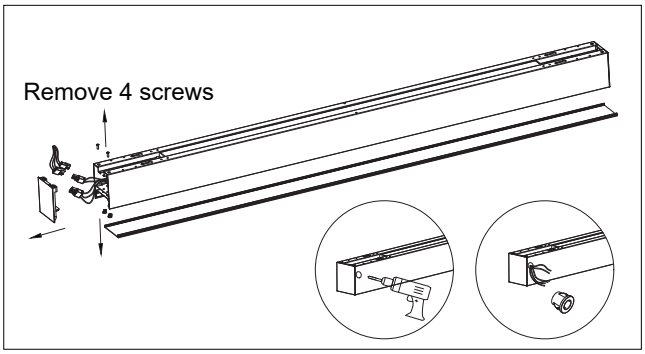
Wall mouting

Before installation

1.Take out the fixture and accessories package from the box.

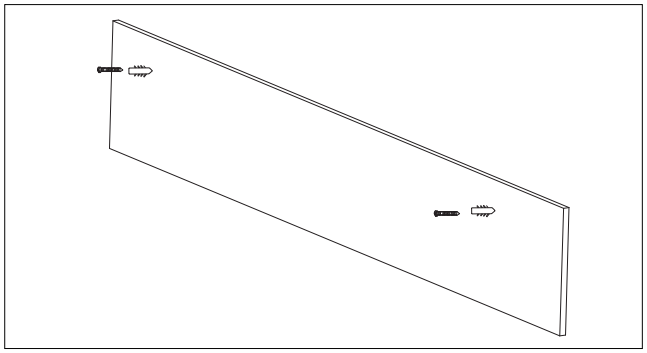


2.Remove the end-cap and connect the Wire kit to the fixture.Drill a 0.39" diameter hole on side of the fixture, fix the Strain Relief to the hole and pass the wires through the hole.

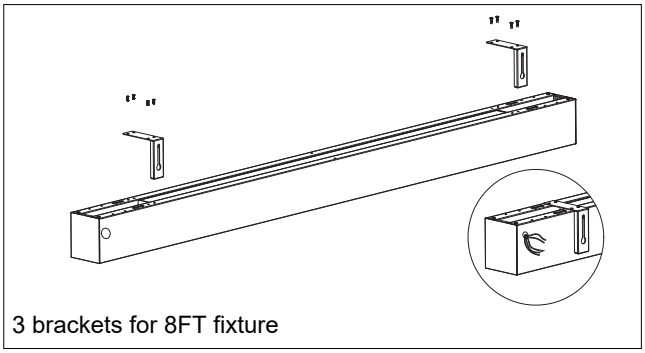


Method A : Wall mouting with A-type brackets

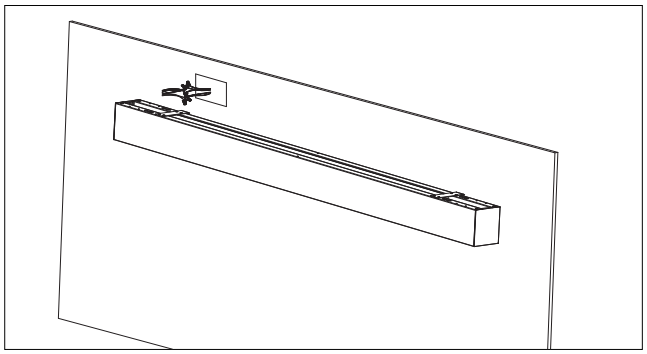
1.After positioning, drill holes in the wall, install 2 anchors, and screw in the screws to 4/5 depth.



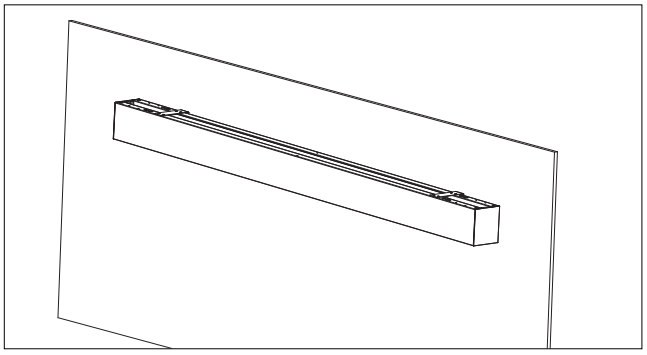
2.Fix the brackets to the upper surface of the housing with screws.



3.Do wiring connection to Main Power as required by code and local regulations. After connections push all wires and wire nuts inside junction box.

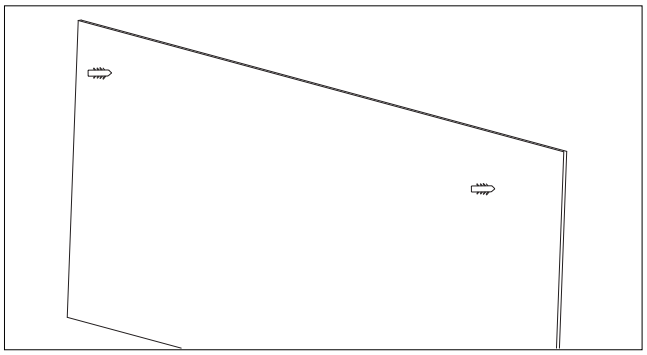


4.Snap the holes on the bracket onto the screw heads, slide the fixture down to ensure it hung firmly.

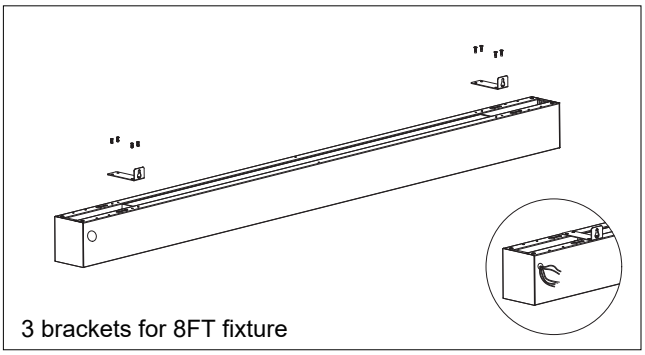


Method B : Wall mouting with B-type brackets

1.After positioning, drill holes in the wall, install 2 anchors.

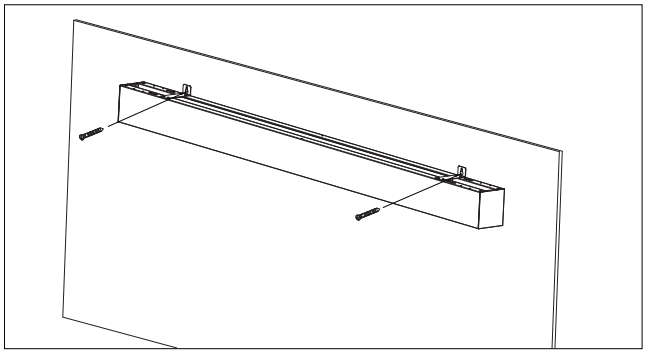


2.Fix the brackets to the upper surface of the housing with screws.



3 brackets for 8FT fixture

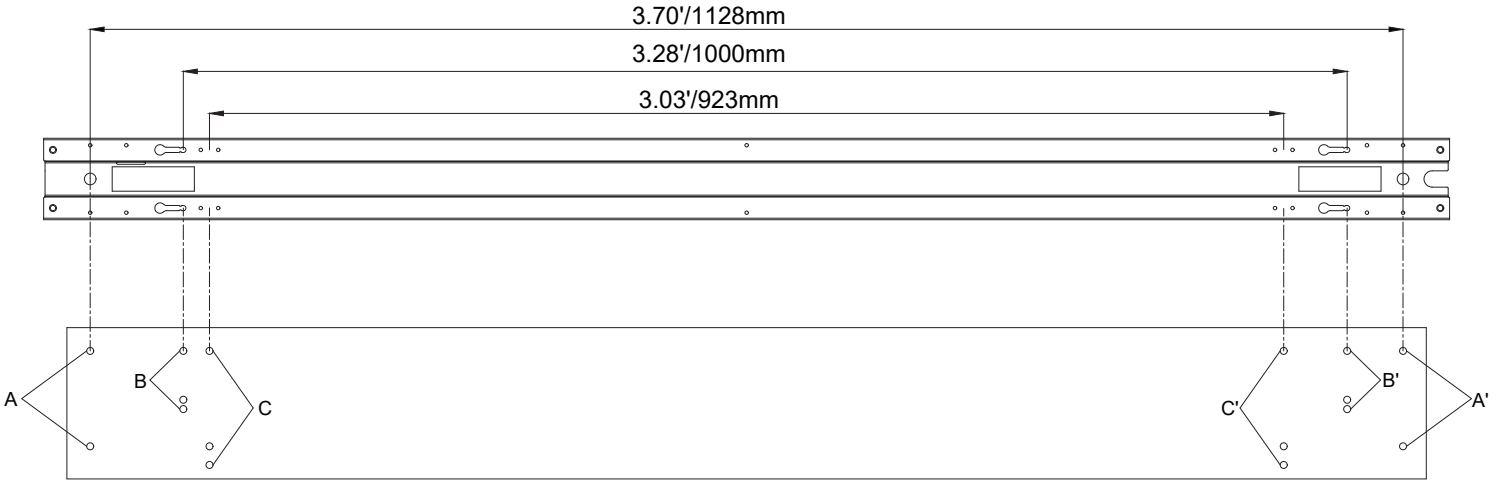
3.Do wiring connection to Main Power as required by code and local regulations. After connections push all wires and wire nuts inside junction box. Screw in 2 screws as shown to complete the wall installation.



CAUTION

Please isolate two dimming wires(pink and purple) by P2 terminal individually if no need dimming;
MUST connect wires with corresponding colors.

Positoning plate guide



A, A' for suspending mounting
B, B' for surface mounting without using brackets
C, C' for surface mounting by using brackets as well as wall mounting

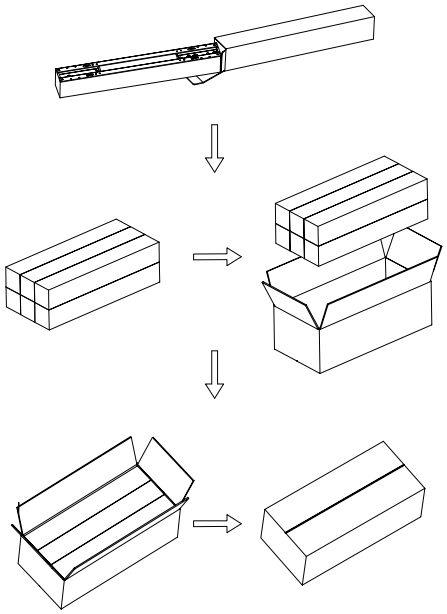
The Installation must be carried out by a qualified electrician.

Packing/weight

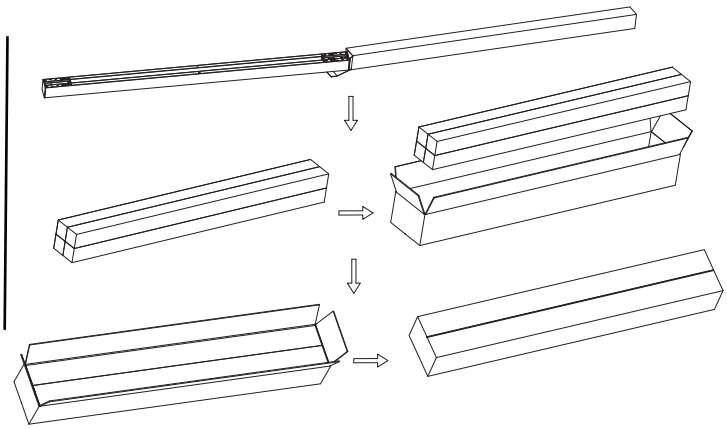
Part NO.	Outer Carton Size (LxWxH)	Qty/Carton (pcs)	Net weight (kg)(lbs)	Gross weight (kg)(lbs)	20GP (QTY)	40HQ (QTY)
LF-2FT-25W-L-H	(789*246*201mm) (31.06″*9.68″*7.91″)	6PCS	16.7kg 36.8lbs	17.5kg 38.6lbs	4308	9780
LF-4FT-50W-L-H	(1389*167*201mm) (54.68″*6.57″*7.91″)	4PCS	16.9kg 37.3lbs	17.9kg 39.5bs	2344	5584
LF-8FT-80W-L-H	(2460*160*135mm) (96.85″*6.29″*5.31″)	2PCS	14.5kg 32.0bs	15.8kg 34.8bs	884	2256

Packing

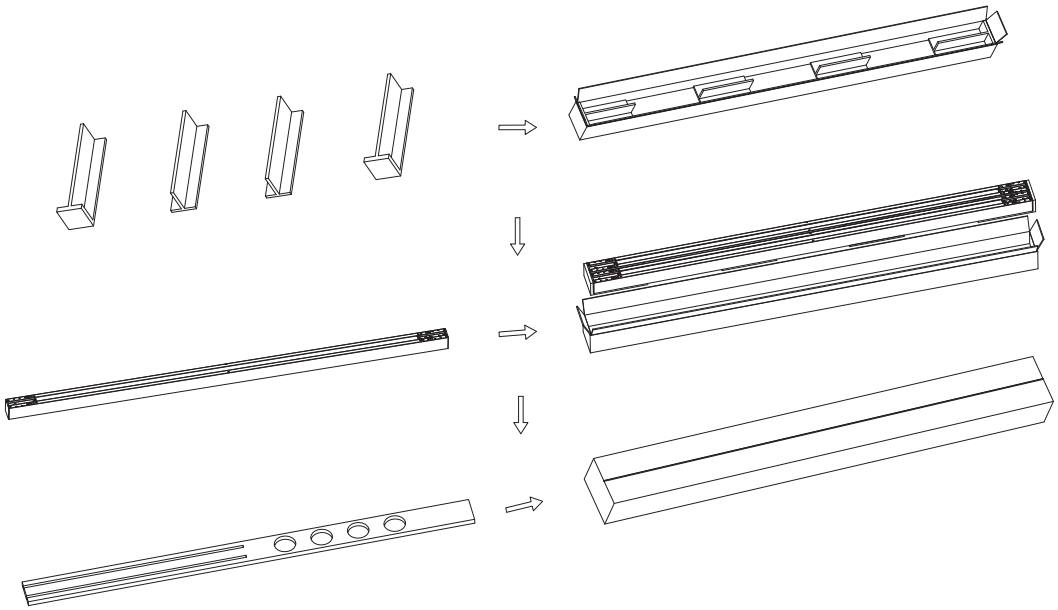
2FT



4FT



8FT



LED Linear Hanging (Suspended) Light





Note

1. The installation and maintenance must be completed by electricians or professionals.
2. Please cut off the power before installation and maintenance.
3. The fixture is not allowed to be covered by thermally insulating material.
4. Please keep away from the corrosive substance, and keep the fixture dry and clean.
5. Working tempe: -4°F~104°F, storage temperature: -22°F~140°F.