



HONGYAO Lighting

Specification Sheet

**LED Linear Suspended
UP & Down Light**



Zhejiang Hongyao Lighting Electrical Co., Ltd

No.209 Shennan Rd. Da Yang Jie Dao, Linhai City. Zhejiang China 317000 www.chhongyao.com
Trading@chhongyao.com Tel: +86 576-85381918 Fax: +86 576-85381913

SPECIFICATIONS

FEATURE

- Featuring tunable White Color Temperature: 3000K, 4000K and 5000K
- Adjustable Wattage to meet different customer demand
- 0-10V Dimmable
- Body: Aluminum Heatsink for Efficient Heat Dissipation
- Diffusers are extruded from impact modified acrylic for increased durability
- Multiple type combination connection
- High efficiency: 130lm/w, DLC premium listed
- WARRANTY--5-year limited warranty



APPLICATION

- Office; hotel; conference room; display room; school/installation; retails...

SPECIFICATIONS

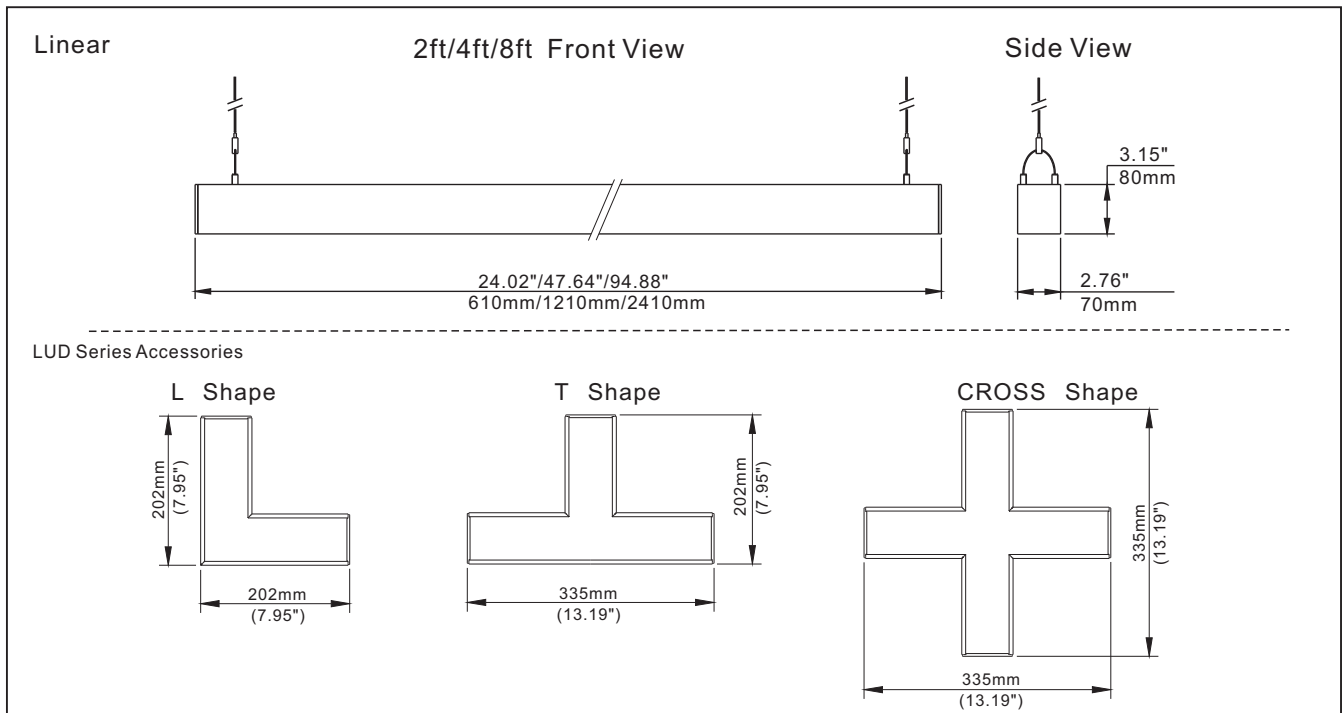
Model No.	HY -2FT-LUD-25W-30K/40K/50K	HY -4FT-LUD-50W-30K/40K/50K	HY -8FT-LUD-100W-30K/40K/50K	HY -LUD-ACC-L-12W-CCT	HY -LUD-ACC-T-12W-CCT	HY -LUD-ACC-C-15W-CCT
Power:	25W	50W	100W	12W	12W	15W
Size:	2ft	4ft	8ft	L Shape	T Shape	CROSS Shape
Input Voltage:	120-277 VAC					
Dimming	0-10V Dimmable					
Lumens	3250 LM	6500 LM	13000 LM	1560 LM	1560 LM	1950 LM
Protection Rating	IP20 (For Indoor Use Only)					
Power Factor:	>0.9					
Beam Angle	100°					
CCT:	3000K/4000K/5000K					
CRI:	>80					
Working Life:	Lumen Maintenance over 70% @ 50,000+ Hours					
Oper. Temperature	-13°F ~+113°F / -25°C ~+45°C					
Certification	DLC Premium / ETL					

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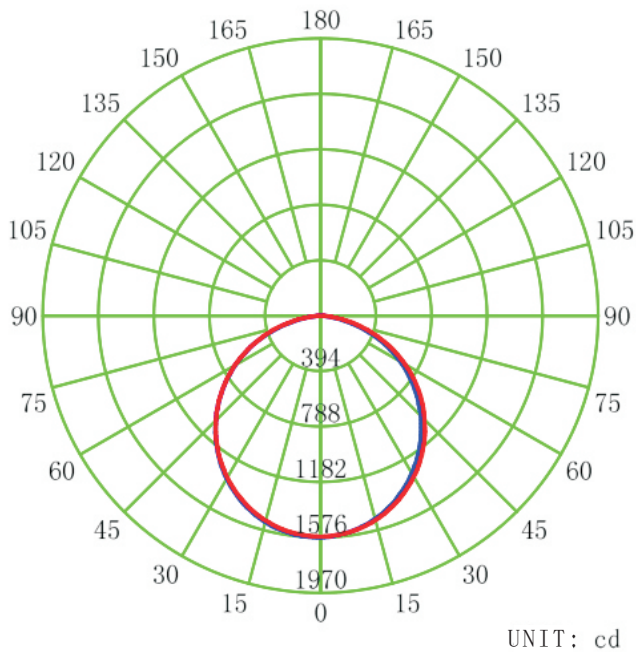
PRODUCT DIMENSIONS



PHOTOMETRIC REPORT

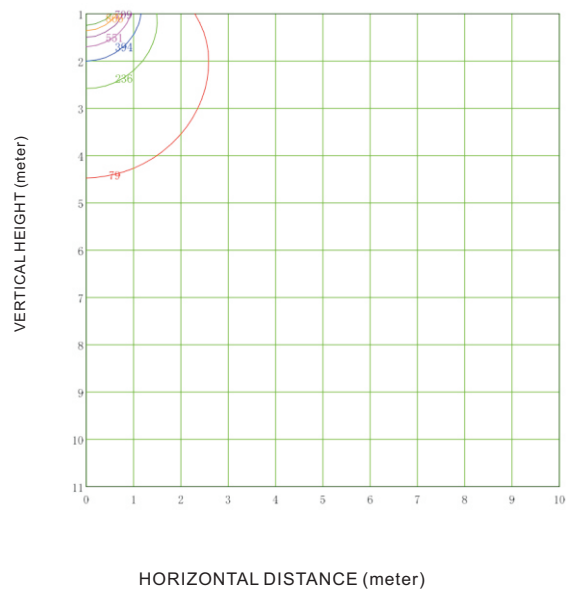
4ft LINEAR LIGHT

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



— C0-C180 — C90-C270

VERTICAL EQUILUMINOUS CURVE



HORIZONTAL DISTANCE (meter)

MINIMUM ALTITUDE 1.0 M
MAXIMUM ALTITUDE 11.0 M
MAXIMUM ILLUMINATION 1575.0 lx

(5%): 78.8 lx (15%): 236.3 lx
(25%): 393.8 lx (35%): 551.3 lx
(45%): 708.8 lx (55%): 866.3 lx
(65%): 1023.8 lx

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ORDERING GUIDE

Package Information						
Model No.	HY -2FT-LUD-25W-30K/40K/50K	HY -4FT-LUD-50W-30K/40K/50K	HY -8FT-LUD-100W-30K/40K/50K	HY -LUD-ACC-L-12W-CCT	HY -LUD-ACC-T-12W-CCT	HY -LUD-ACC-C-15W-CCT
Size	2ft	4ft	8ft	L Shape	T Shape	CROSS Shape
Qty/Pack	4 PCS	4 PCS	4 PCS	12 PCS	6 PCS	6 PCS
Package Size	655X258X258mm 25.79"X10.16"X10.16"	1255X258X258mm 49.41"X10.16"X10.16"	2455X258X258mm 96.65"X10.16"X10.16"	605X300X235mm 23.82"X11.81"X9.25"	600X360X235mm 23.62"X14.17"X9.25"	600X360X365mm 23.62"X14.17"X14.37"
Package Weight	8.51 kg/18.74 lbs	17.95 kg/39.57 lbs	24.02 kg/52.91 lbs	13.12 kg/28.89 lbs	8.31 kg/18.3 lbs	10.21 kg/22.49 lbs
Package CBM	0.043599	0.083538	0.163415	0.042653	0.05076	0.07884
40GP Capacity	-----	~2770PCS	-----	-----	-----	-----
40HQ Capacity	-----	~3250PCS	-----	-----	-----	-----
45HQ Capacity	-----	~3730PCS	-----	-----	-----	-----

ORDERING CODE DEFINITION

Linear

Company Code	Size	Product	Watt	CCT
HY	2ft 4ft 8ft	LUD:LED Linear Suspended UP & Down Light	2ft:25W 4ft:50W 8ft:100W	3000K/4000K/5000K

LUD Series Accessories

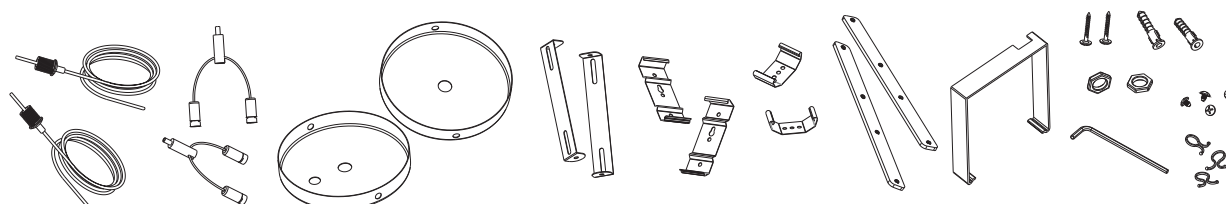
Company Code	Product	Accessories	Size	Watt	CCT
HY	LUD:LED Linear Suspended UP & Down Light	ACC:Accessories	L: L Shape T: T Shape C: CROSS Shape	L: 12W T: 12W C: 15W	3000K/4000K/5000K

WARNING

- 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 hazards involved
- Risk of fire or electric shock. LED lamp installation requires knowledge of luminaries electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician.
- Use in dry locations only.
- This lamp supports dimming function, must use with dimmers.
- Small noises when shaking does not affect the quality.



Accessories bag includes



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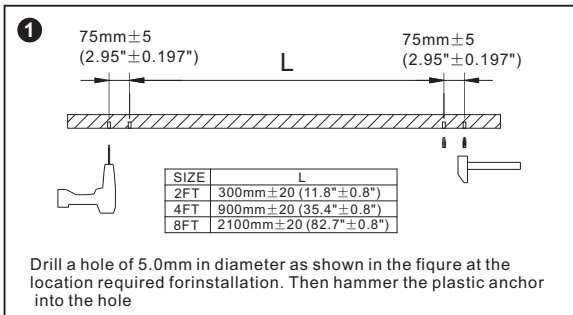
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INSTALLATION INSTRUCTION

Choose the following three installation methods as needed

A Suspension installation

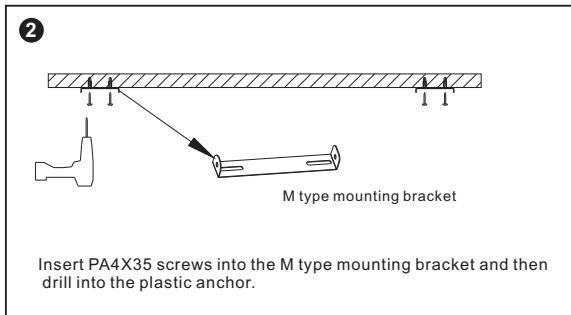
1



SIZE	L
2FT	300mm±20 (11.8"±0.8")
4FT	900mm±20 (35.4"±0.8")
8FT	2100mm±20 (82.7"±0.8")

Drill a hole of 5.0mm in diameter as shown in the figure at the location required for installation. Then hammer the plastic anchor into the hole.

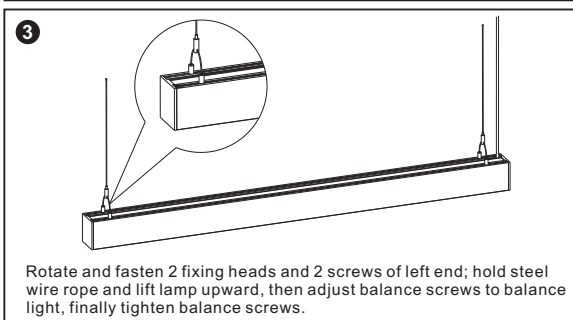
2



M type mounting bracket

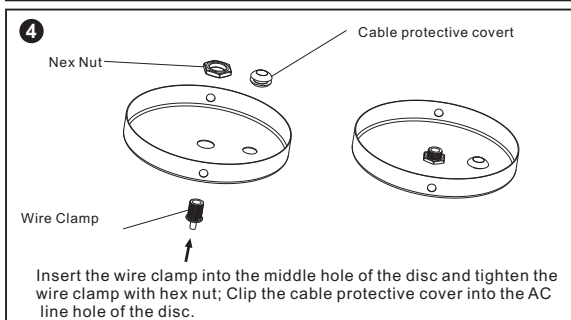
Insert PA4X35 screws into the M type mounting bracket and then drill into the plastic anchor.

3



Rotate and fasten 2 fixing heads and 2 screws of left end; hold steel wire rope and lift lamp upward, then adjust balance screws to balance light, finally tighten balance screws.

4



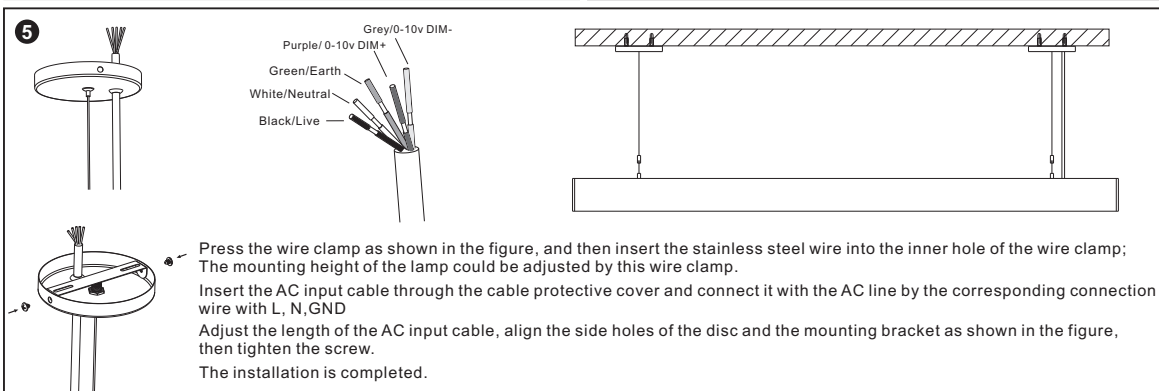
Cable protective covert

Nex Nut

Wire Clamp

Insert the wire clamp into the middle hole of the disc and tighten the wire clamp with hex nut; Clip the cable protective cover into the AC line hole of the disc.

5



Press the wire clamp as shown in the figure, and then insert the stainless steel wire into the inner hole of the wire clamp; The mounting height of the lamp could be adjusted by this wire clamp.

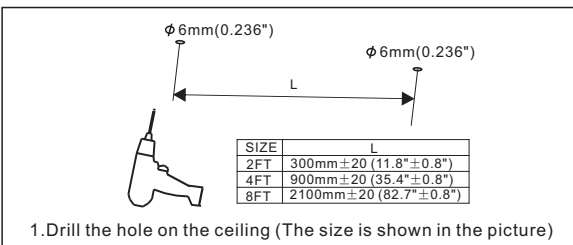
Insert the AC input cable through the cable protective cover and connect it with the AC line by the corresponding connection wire with L, N, GND

Adjust the length of the AC input cable, align the side holes of the disc and the mounting bracket as shown in the figure, then tighten the screw.

The installation is completed.

B Surface mount installation

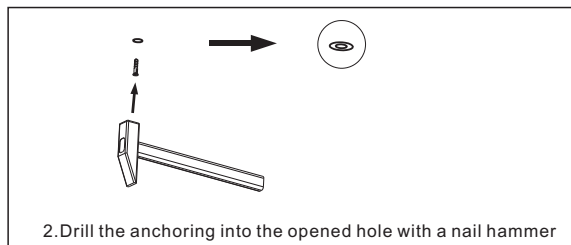
1



SIZE	L
2FT	300mm±20 (11.8"±0.8")
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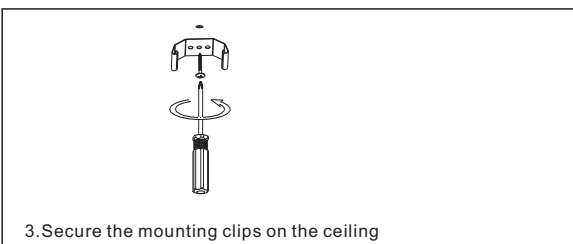
1. Drill the hole on the ceiling (The size is shown in the picture)

2



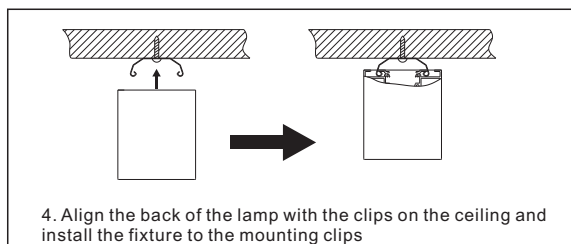
2. Drill the anchoring into the opened hole with a nail hammer

3

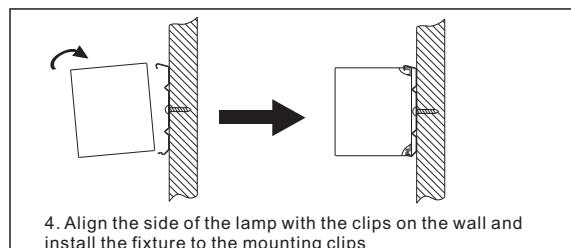
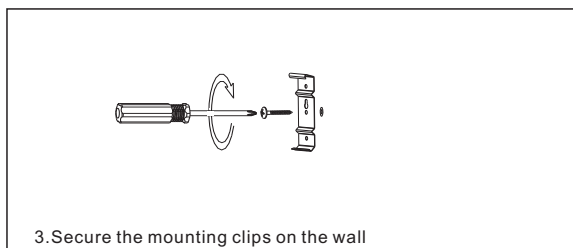
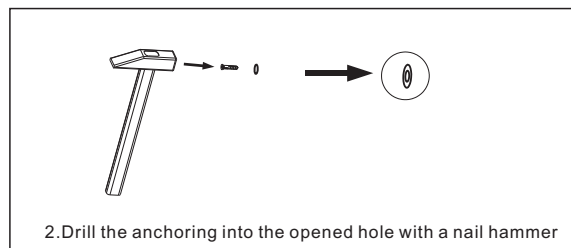
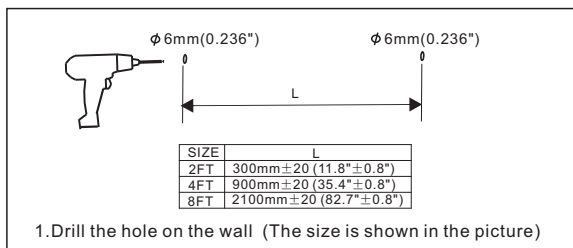
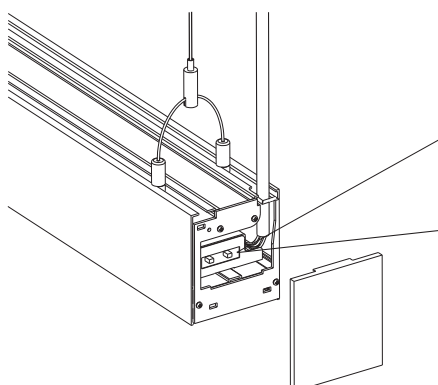


3. Secure the mounting clips on the ceiling

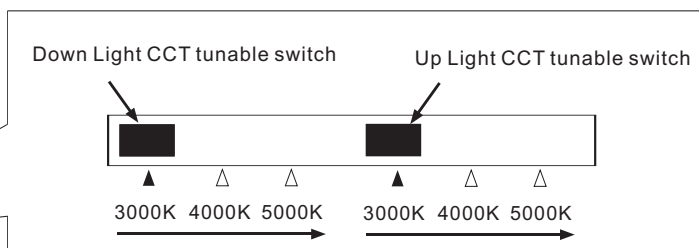
4



4. Align the back of the lamp with the clips on the ceiling and install the fixture to the mounting clips

C Wall mounted installation

CCT Adjustable


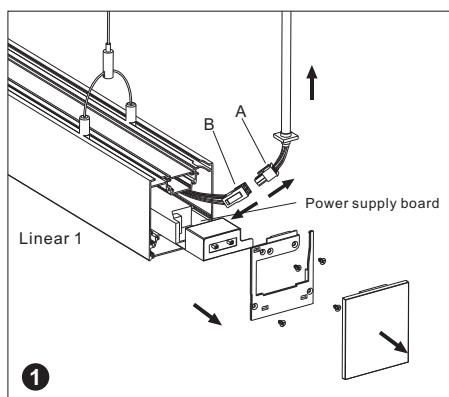
Open the end cap the sideWith AC wire as the picture shows.
Moving the Dip to choosethe CCT or you want as the label shows.



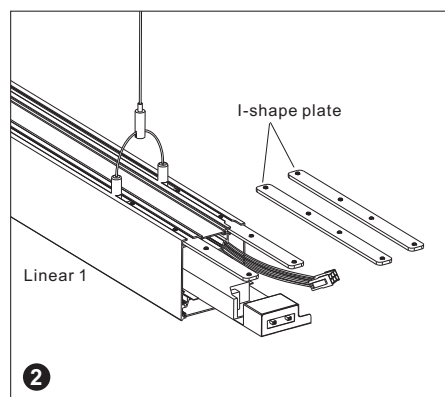
NOTE:
The SAME is true of CCT Adjustable for LUD series accessories

Connection Installation

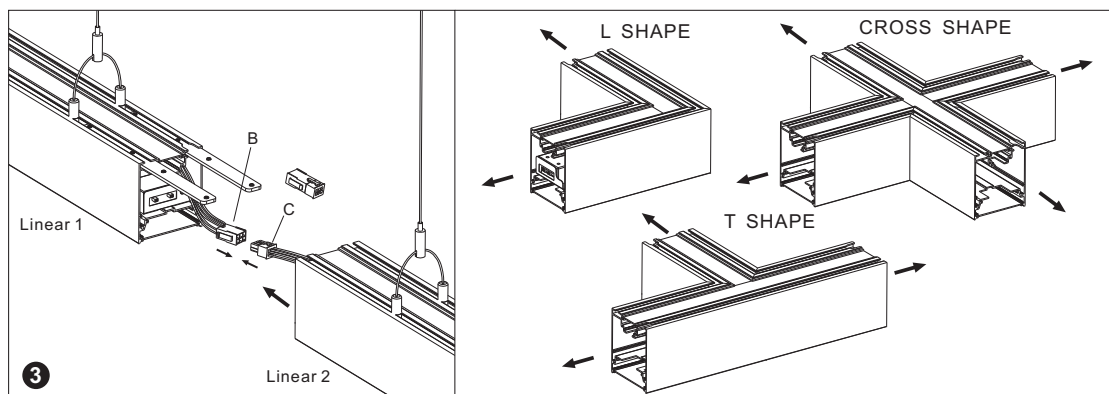
Please find the connector in the accessories bag.



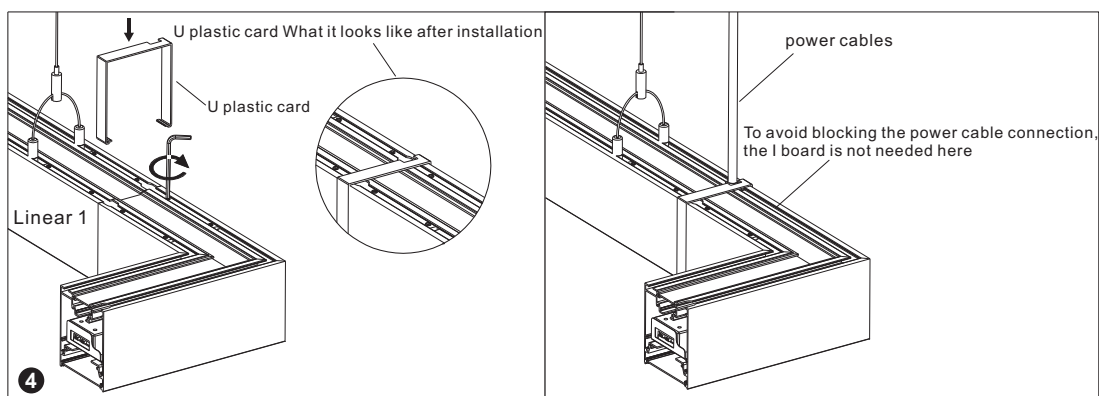
Install the Linear 1 to the ceiling as instruction of Suspension Installation.
Open the end cap as the picture shows.
Pull out ½ Power supply board of Linear1, and move out the AC wires.
Disconnect the A and B parts.



Insert the I-shape plate to the track as the picture shows.

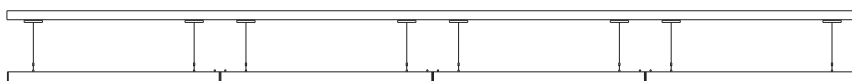


Install the Linear 2 (or L shape, T shape, CROSS shape combination connection fittings) to the ceiling and open the end cap, connect B and C as the picture shows.



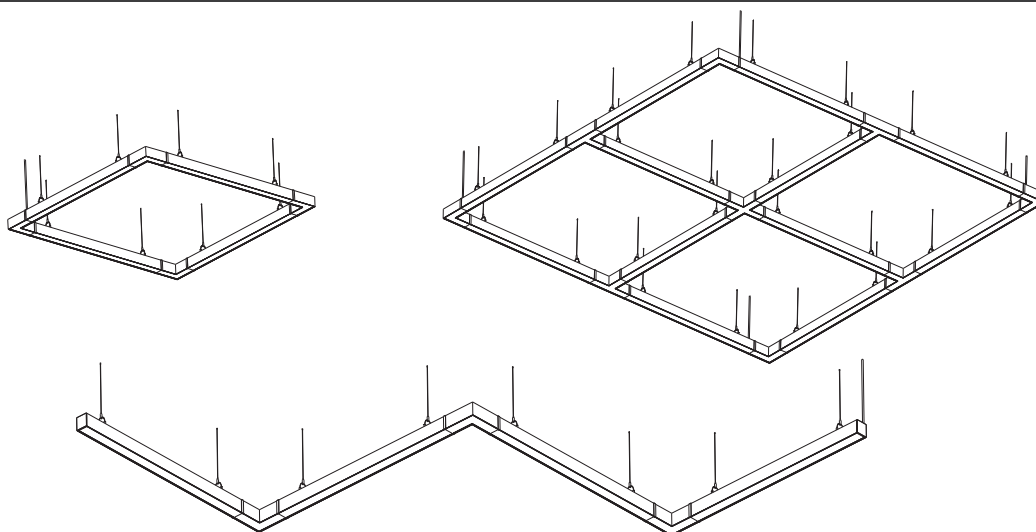
Push back Power Supply Board to Linear 1 then insert the I-shape plate to Linear 2 (or L shape, T shape, CROSS shape Combination connection fittings), tighten the I-shape plate with 8 pcs screws. Finally, the U plastic card is buckled at the joint to make the lamps and lanterns more beautiful

Install the Linear Light as above method, keep one main input cord on one side.



NOTE: LED LINEAR CAN BE JOINTED TOGETHER AS NEEDED, BUT THE TOTAL NUMBER OF FIXTURES SHOULD BE NOT MORE THAN 7PCS (INCLUDING 7PCS) If you order to use 18# cord, More Links can be Customized.

Examples of product portfolio shapes



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