

Installation Instructions

Architecture LED Linear-Direct

Installation guide valid for the following models:

ILA-2D

ILA-4D

ILA-6D

ILA-8D



WARNING

RISK OF FIRE OR ELECTRIC SHOCK

The ILA Series must be installed by a qualified electrician in accordance with applicable federal, state, and local laws and codes. Installation requires knowledge of luminaire electrical systems and installer should be familiar with the operation of this product. If not qualified, do not attempt installation; contact a qualified electrician. Manufacturer assumes no responsibility for the improper installation of this luminaire. When installing the fixture, drilling may damage luminaire wiring and electrical parts. Check for wiring and components in enclosure before drilling.

WARNING

To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects. When installing this kit, drilling may damage luminaire wiring and electrical parts. Check for wiring and components in enclosure before drilling.

CAUTION

RISK OF PERSONAL INJURY

- Wear gloves or proper handling protection to prevent cuts or abrasions when handling and maintaining this product. This equipment may have sharp edges. To reduce the risk of death, personal injury or property damage from fire, electric shock, falling parts, cuts/abrasions, and other hazards read all warning and instructions included with and on the fixture box and all fixture labels.
- Avoid direct eye exposure to the light source while it is on.

WARNING

RISK OF PERSONAL INJURY, FIRE OR ELECTRIC SHOCK

- Turn OFF power before installation.
- Do not handle energized fixture when hands are wet, when standing on wet or damp surfaces, or in water

NOTICE

- Do not install any part of the luminaire less than 5 feet above the floor or closer than 5 inches from any window treatments, i.e., curtains, blinds or any similar combustible type materials.
- Check to make sure that all fixture connections have been properly made and the fixture is grounded to avoid potential electrical shocks.
- Use only UL approved wire input/output connections. Minimum size 18 AWG if there are any continuous runs.
- If the fixtures are connected in a continuous run, do not exceed allowable number of fixtures in series/power in continuous runs.

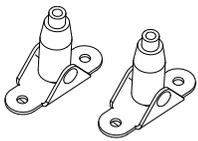
Contact manufacturer with any questions or concerns regarding installation of this luminaire.

Alphalite

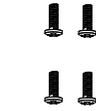
Installation Instructions

Architecture LED Linear-Direct

Suspension Installation



Steel wire rope pedestal 2pcs



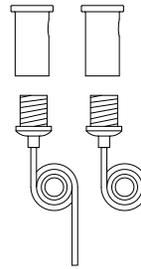
PM4*8 Screw 4pcs



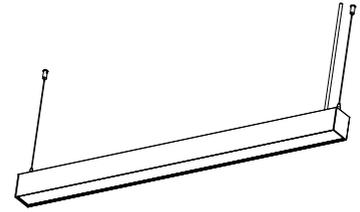
Plastic Anchor 2pcs



PA4*30 Screw 2pcs



Steel wire rope 2pcs



No.	Size	A(in)	B(in)
1	2FT	22.205	/
2	4FT	45.827	/
3	6FT	69.449	/
4	8FT	46.535	46.535

1. Drill a hole of 3/16" in diameter at the location required for installation. Then install the plastic anchor to the hole with hammer.

4. Press down the inner hole of the steel wire rope pedestal, let the steel wire rope go through the hole.

- Screw Holder
- PA4*30 Screw
- Steel wire rope holder
- Steel wire rope

2. Insert PA4*30 screws into the screw holder and then drill into the plastic anchor.

5. Connect L, N, GND, DIM+ and DIM- of AC input wire to L, N, GND, DIM+ and DIM- respectively of AC terminal.

3. Lock the steel wire rope pedestal to the ends plates with PM4*8 screws.

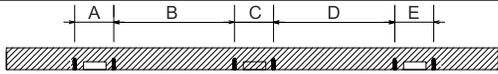
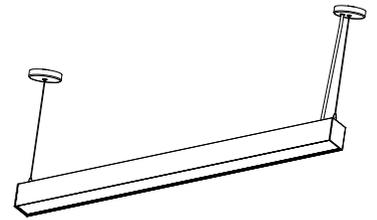
6. Press the to pend of the steel wire rope pedestal to adjust the steel wire rope, and then finish the installation.

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Installation Instructions

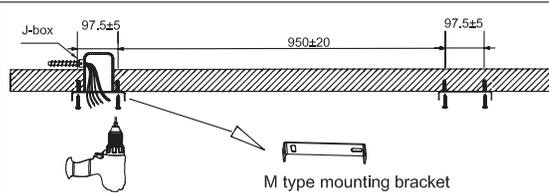
Architecture LED Linear-Direct

Canopy Suspension Installation

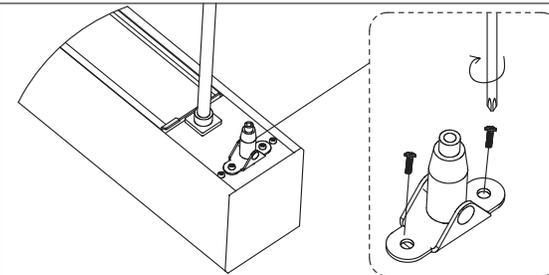


NO.	Size	A(in)	B(in)	C(in)	D(in)	E(in)
1	2ft	3.346	18.858	3.346	/	/
2	4ft	3.346	42.480	3.346	/	/
3	6ft	3.346	66.102	3.346	/	/
4	8ft	3.346	43.189	3.346	43.189	3.346

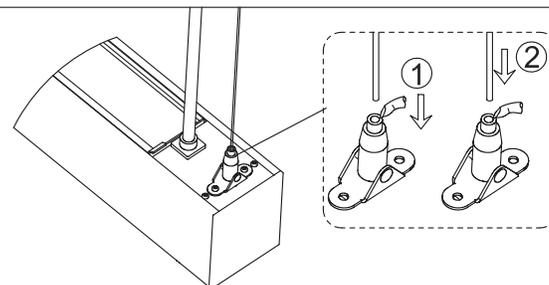
1. Drill a hole of 3/16" in diameter as shown in the figure at the location required for installation. Then hammer the plastic anchor into the hole.



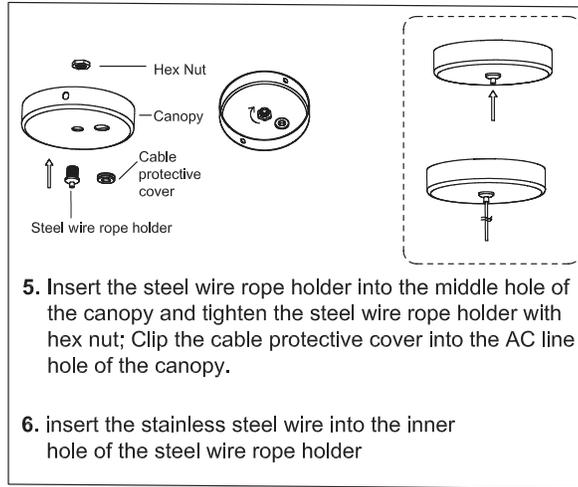
2. Insert PA4*35 screws into the M type mounting bracket and then drill into the plastic anchor.



3. Lock the steel wire rope pedestal to the ends plates with PM4*8 Screws.

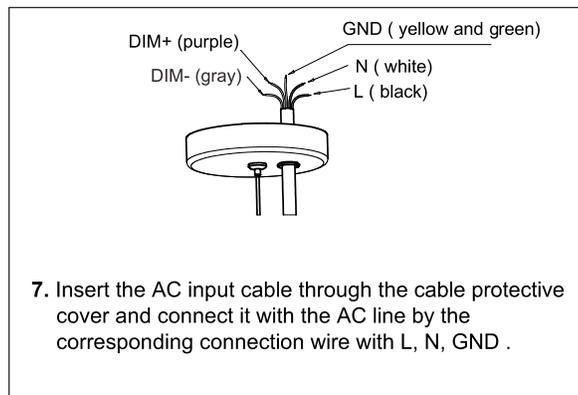


4. Press down the inner hole of the steel wire rope pedestal, let the steel wire rope go through the hole.

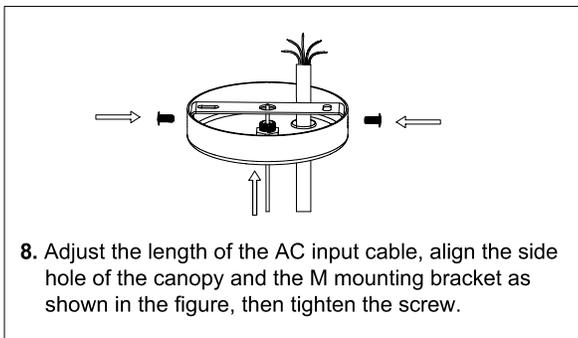


5. Insert the steel wire rope holder into the middle hole of the canopy and tighten the steel wire rope holder with hex nut; Clip the cable protective cover into the AC line hole of the canopy.

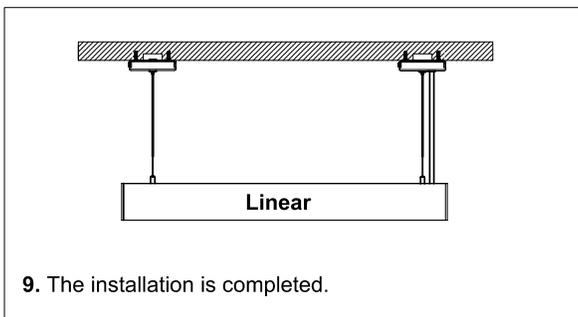
6. Insert the stainless steel wire into the inner hole of the steel wire rope holder



7. 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.



8. Adjust the length of the AC input cable, align the side hole of the canopy and the M mounting bracket as shown in the figure, then tighten the screw.



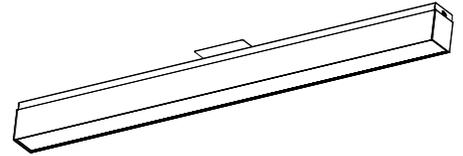
9. The installation is completed.

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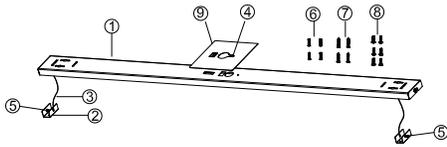
Installation Instructions

Architecture LED Linear-Direct

Surface Mount Installation

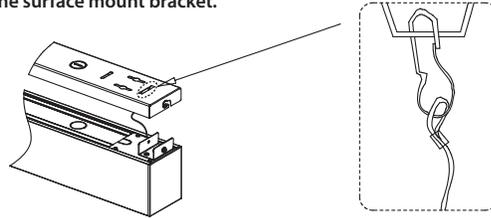


Installation Kits

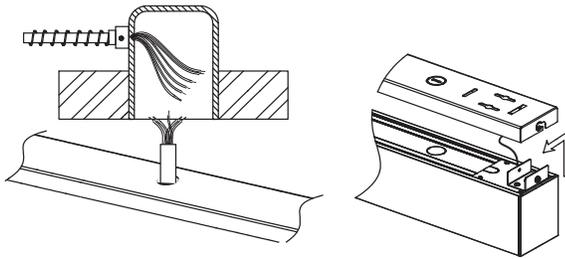


1	Surface Mount Bracket	1199*69*20mm
2	Surface Mount Bracket 2	43*22.5*18mm
3	Safety cable	L=150mm
4	Round head pull nail	4*5mm
5	Countersunk head screw	PM4*10
6	Cross head tapping screw	PA4*35M
7	Plastic Anchor	4*28mm
8	Round head machine screws	PM4*8mm
9	Decorative plate	140*140mm T=0.6mm

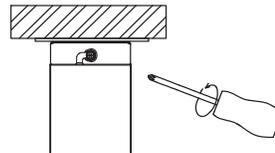
3. Hook the safety cable of the fixture on the slot of the surface mount bracket.



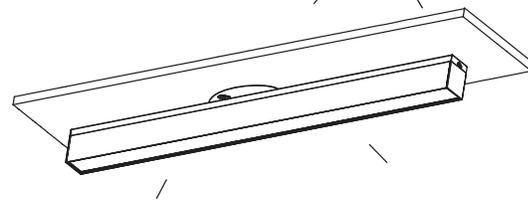
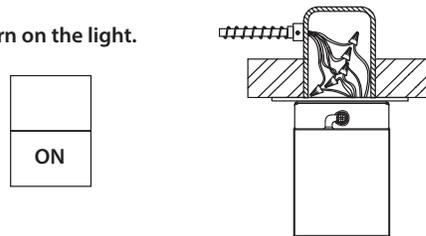
4. Wiring the fixture with the supply power, clear up the wires and safety cables, clip the fixture into the slot of the surface mount plate on two sides.



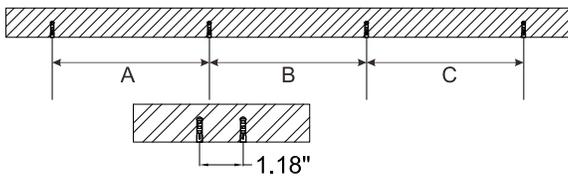
5. Fix screws on two side of the fixture.



6. Turn on the light.

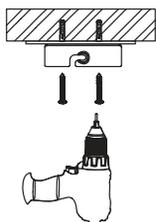


1. Drill Hole on the ceiling based on the Length of the fixture, fix the plastic anchor in the hole .



No.	Size	A(in)	B(in)	C(in)
1	2FT	18.898	/	/
2	4FT	42.520	/	/
3	6FT	25.984	14.173	25.984
4	8FT	37.795	14.173	37.795

2. Fix the surface mount bracket on the ceiling with PA4*30 screw.

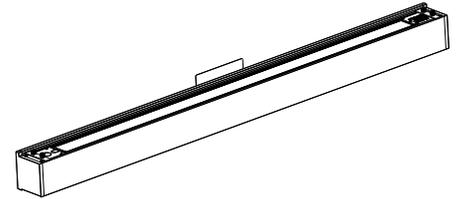


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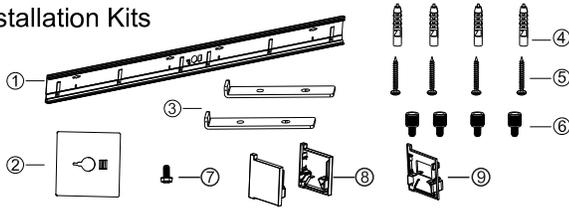
Installation Instructions

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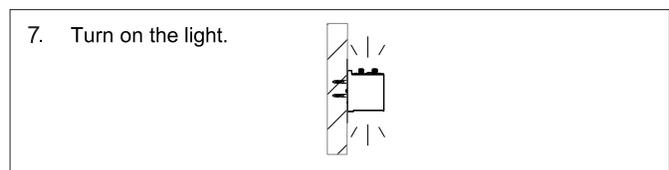
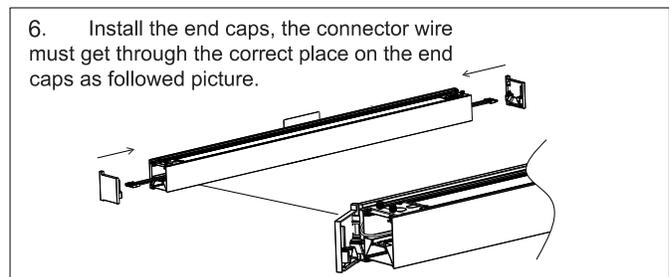
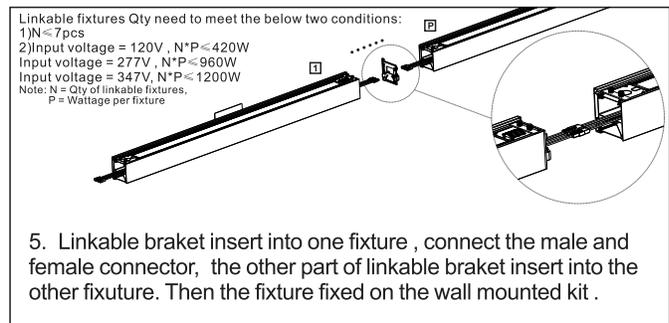
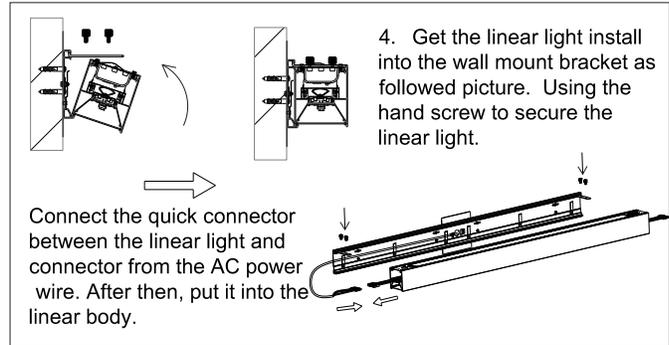
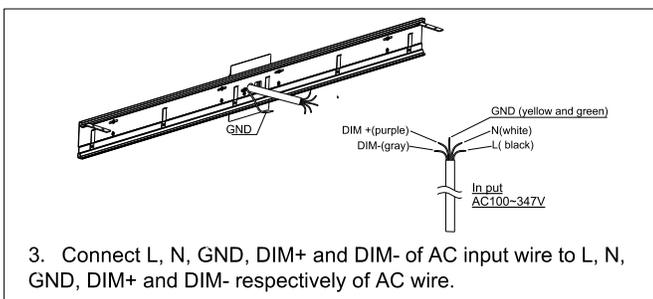
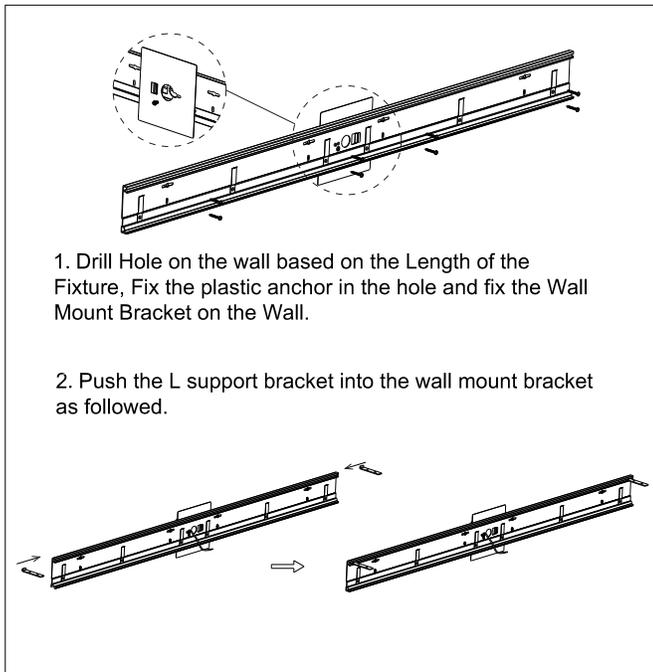
Wall Mount Installation



Installation Kits



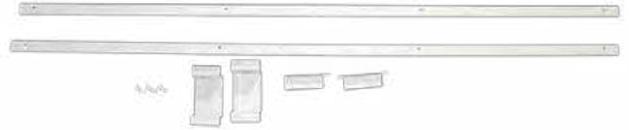
1	C Wall-mount Bracket	1PC
2	Square Decorative	1PC
3	L support	2PCS
4	Plastic Anchor	4PCS
5	Cross head tapping	4PCS
6	Hand screw	4PCS
7	Screw	1PC
8	End cap	2PCS
9	Linkable braket	1PC



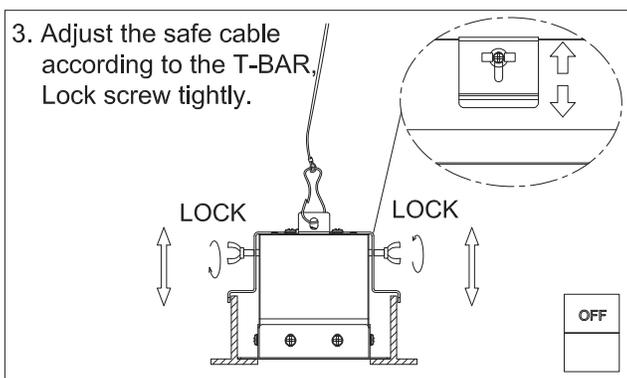
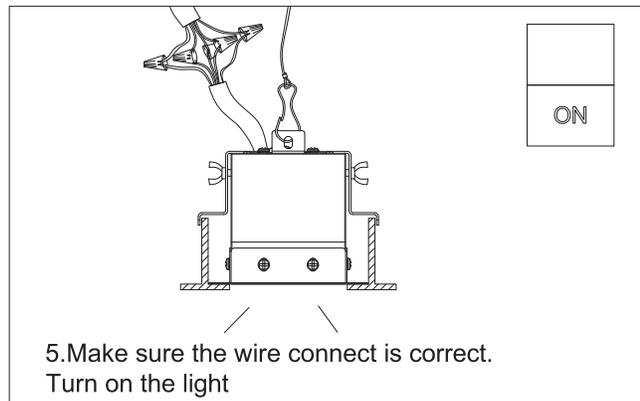
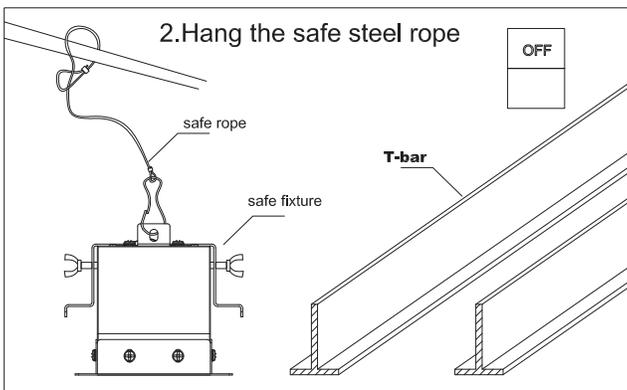
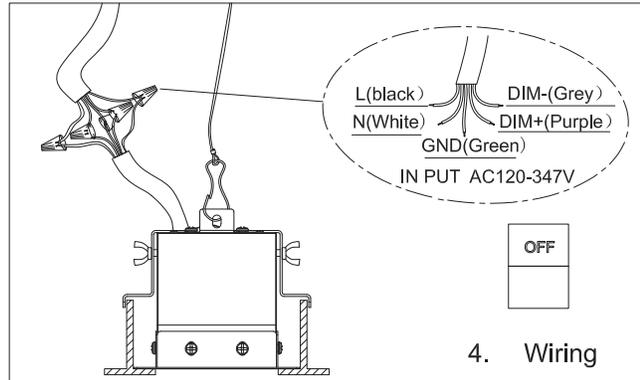
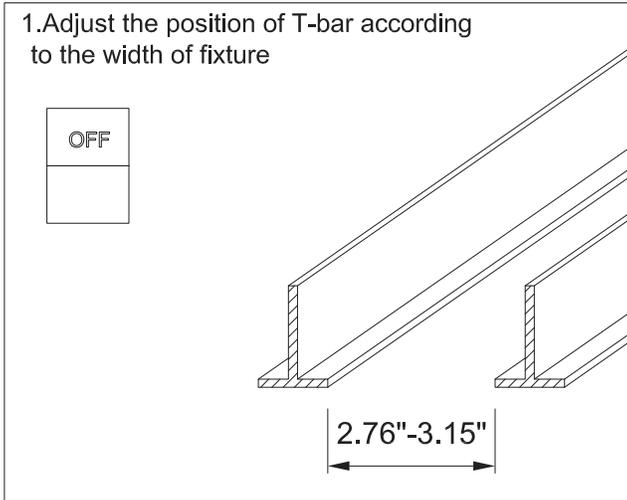
Alphalite

Installation Instructions

Architecture LED Linear-Direct



T-BAR Recessed Installation



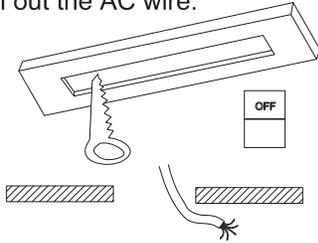
Installation Instructions

Architecture LED Linear-Direct

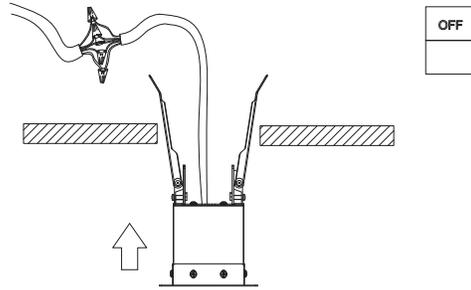


Dry Ceiling Wall Recessed Installation

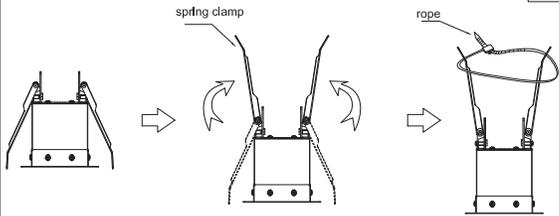
1. Open the hole according to the size of the light, and pull out the AC wire.



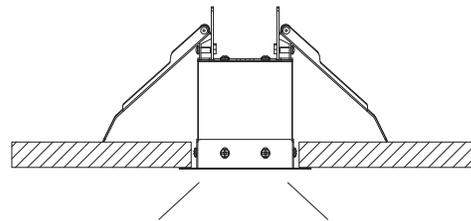
5. After finish wire, put the whole light into the hole.



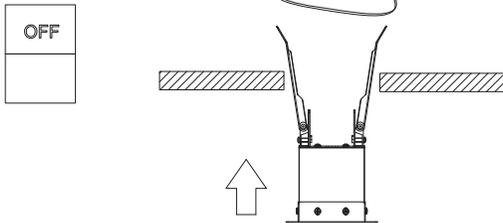
2. Pull up the spring clamp and fix with rope (Adjust the size according to hole size)



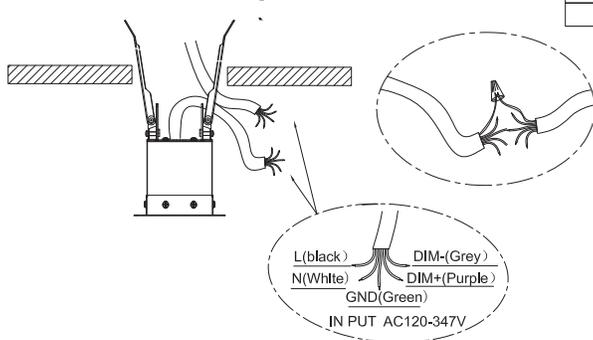
6. Done, turn on the light.



3. Remove the rope



4. See the blew drawing, wire with connector.



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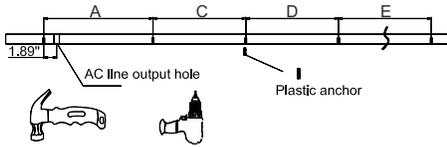
Installation Instructions

Architecture LED Linear-Direct

Linkable Installation

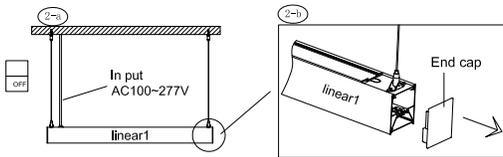
Note: Only available for Linkable Products.

① Measure the ceiling, make down the position for lineae1, install the first Linear Light to the ceiling as instruction of A Rope Suspension Installation.

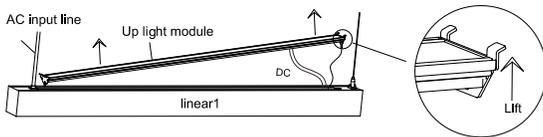


No.	Size	A(in)	B(in)	C(in)	D(in)	E(in)	Remark
1	2FT	22.205	1.417	22.205	1.417	22.205	3pcs linkable diagrammatic drawing
2	4FT	45.827	1.417	45.827	1.417	45.827	3pcs linkable diagrammatic drawing
3	6FT	69.449	1.417	69.449	1.417	69.449	3pcs linkable diagrammatic drawing
4	8FT	46.535	46.535	1.417	46.535	46.535	2pcs linkable diagrammatic drawing

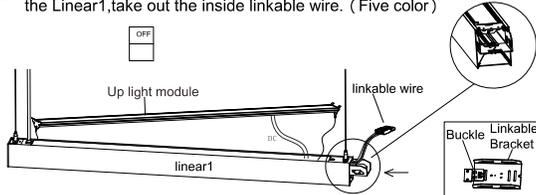
② Install Linear 1, then connect AC line; remove one end cap as show on (2-b)



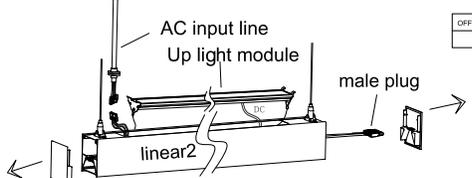
2-c Lift up the up-light module as the picture shows.



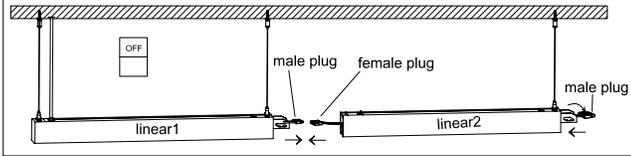
2-d Insert the linkable bracket into the Linear1, connect with buckle inside the Linear1, take out the inside linkable wire. (Five color)



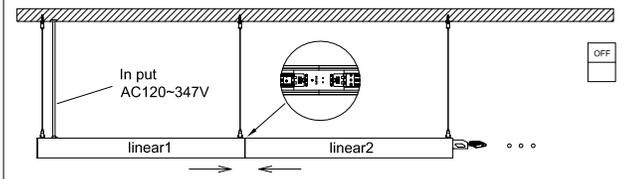
③ Insert the Linear Light as Step 2 and adjust the steel wire rope in the same height. Then Move out two end caps of Linear2, lift up the up light module, disconnect the AC wire. keep the female plug to the side ends



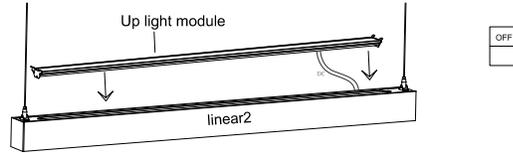
④ Connect the male plug of Linear 1 and female plug of Linear2, insert the bracket to the Linear 2 make them seamless linkable together.



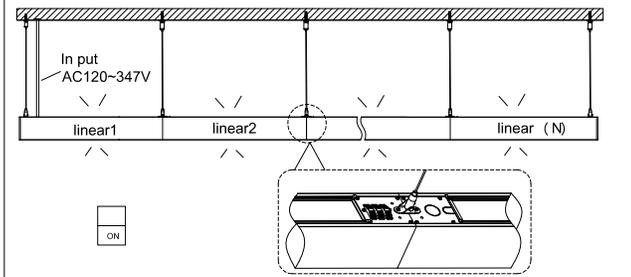
⑤ Check the status after linked make sure no any gap between two linears



⑥ Make sure the male and female plugs have been connected well, press down the up light module, put it back to the top of Linear1 and Linear2

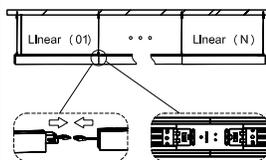


⑦ Install the Linear Light 3,4,5,6 and 7 as above method, keep one main input cord on one side for wiring and rounding Adjust the steel wire rope in the same height. Then finish the installation.



NOTE:
LED LINEAR CAN BE GAPLESS LINKABLE TOGETHER AS NEEDED (if you order to use 18# cord, More Links can be Customized.)

Link Instruction and Disclaimer



Max. linkable Quantity (Unit:PC)
Linkable fixtures Qty need to meet the below two conditions:
1) $N \leq 7$ pcs
2) Input voltage = 120V, $N \cdot P < 420W$
Input voltage = 277V, $N \cdot P < 960W$
Input voltage = 347V, $N \cdot P < 1200W$
Note: N = Qty of linkable fixtures,
P = Wattage per fixture