

WARNING:



RISK OF FIRE AND ELECTRICAL SHOCK. FIXTURE MUST BE INSTALLED BY A QUALIFIED ELECTRICIAN ONLY IN ACCORDANCE WITH NATIONAL, LOCAL BUILDING AND ELECTRICAL CODES. DISCONNECT POWER AT ELECTRICAL PANEL BEFORE SERVICING.

WARNING

RISK OF FIRE OR ELECTRIC SHOCK

The 12100-23 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 the 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.



12100-23-RTLW

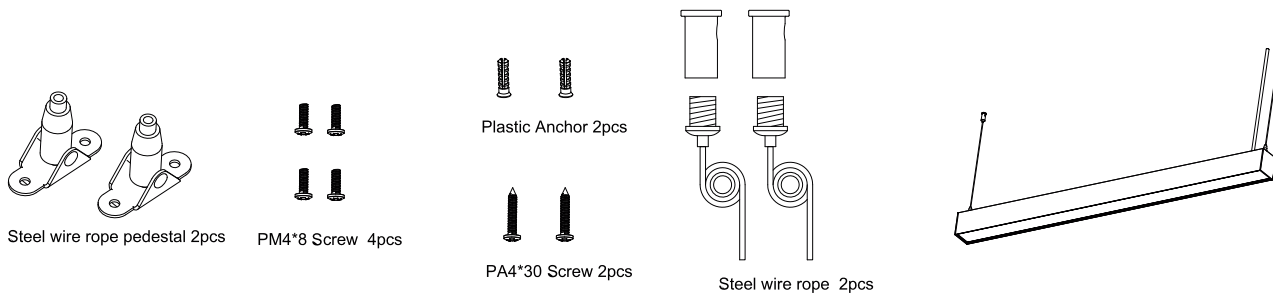


12100-23-P-LVR



12100-23-P-OP

Pendant Installation



Plastic anchor 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.

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.

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.

DIM+(purple)

GND(yellow and green)

N(white)

L(black)

Input AC120~347V

OFF

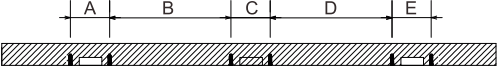
5. Connect L,N,GND,DIM+ and DIM- of AC input wire to L,N,GND,DIM+ and DIM- respectively of AC terminal.

Linear

ON

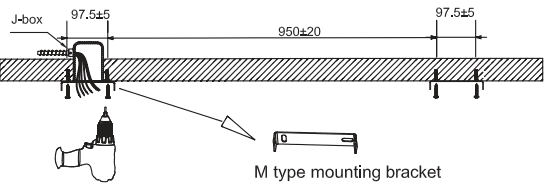
6. Press the to pend of the steel wire rope pedestal to adjust the steel wire rope, and then finish the installation.

Pendant Canopy Installation

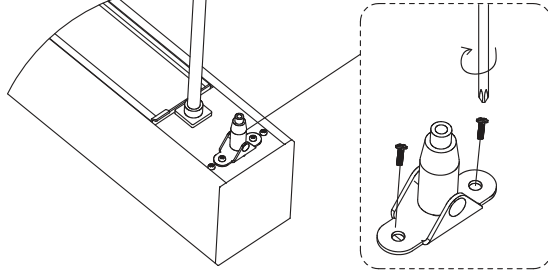


NO.	Size	A(in)	B(in)	C(in)	D(in)	E(in)
1	2ft	3.346	18.858	3.346	/	/
2	4ft	3.346	42.480	3.346	/	/
3	6ft	3.346	66.102	3.346	/	/
4	8ft	3.346	43.189	3.346	43.189	3.346

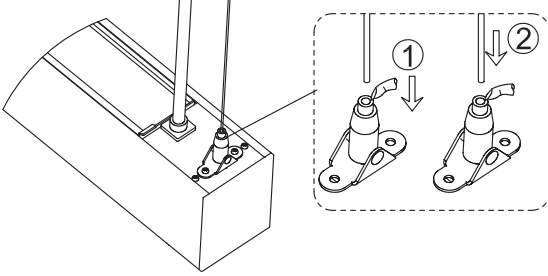
1. Drill a hole of 3/16" in diameter as shown in the figure at the location required for installation. Then hammer the plastic anchor into the hole.



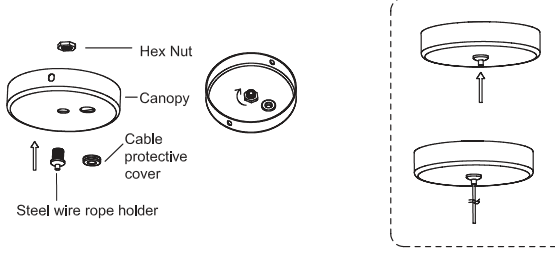
2. Insert PA4*35 screws into the M type mounting bracket and then drill into the plastic anchor.



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

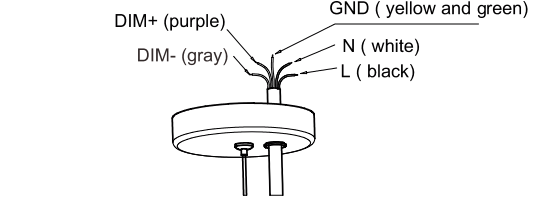


4. Press down the inner hole of the steel wire rope pedestal, let the steel wire rope go through the hole.

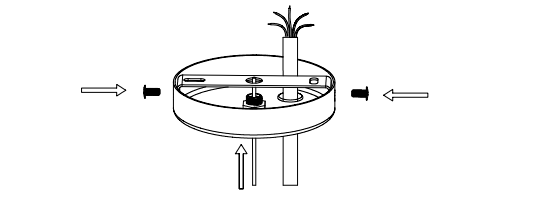


5. Insert the steel wire rope holder into the middle hole of the canopy and tighten the steel wire rope holder with hex nut; Clip the cable protective cover into the AC line hole of the canopy.

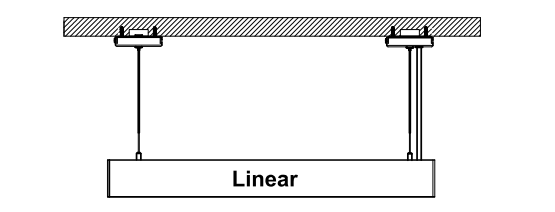
6. Insert the stainless steel wire into the inner hole of the steel wire rope holder



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.



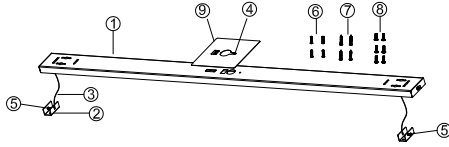
8. Adjust the length of the AC input cable, align the side hole of the canopy and the M mounting bracket as shown in the figure, then tighten the screw.



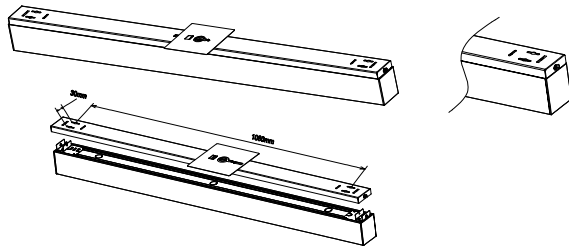
9. The installation is completed.

Surface Mount Installation

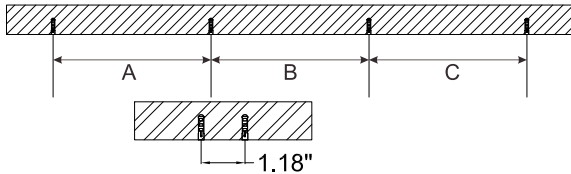
Installation Kits



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

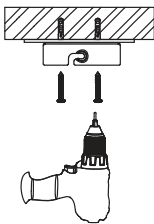


1. Drill Hole on the ceiling based on the Length of the fixture, fix the plastic anchor in the hole .

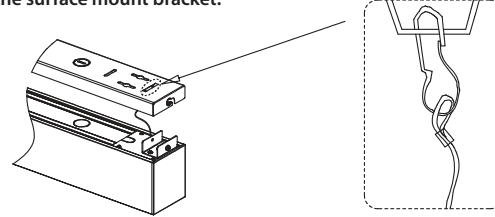


No.	Size	A(in)	B(in)	C(in)
1	2FT	18.898	/	/
2	4FT	42.520	/	/
3	6FT	25.984	14.173	25.984
4	8FT	37.795	14.173	37.795

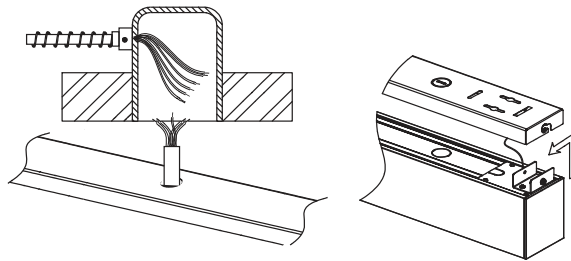
2. Fix the surace mount bracket on the ceiling with PA4*30 screw.



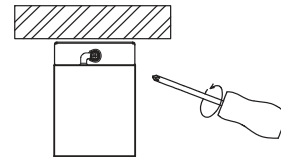
3. Hook the safety cable of the fixture on the slot of the surface mount bracket.



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.

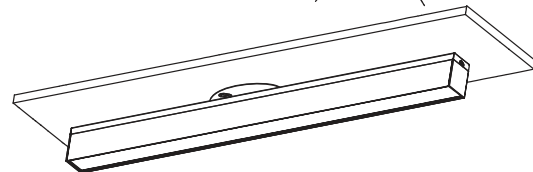
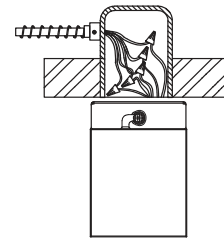


5. Fix screws on two side of the fixture.



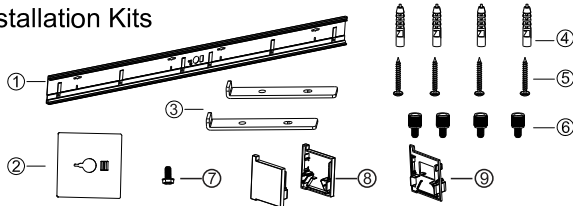
6. Turn on the light.

ON

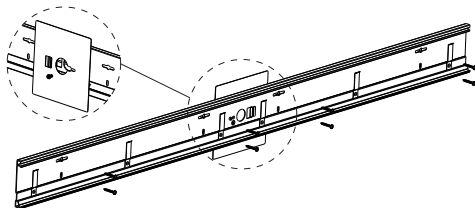


Wall Mount Installation

Installation Kits

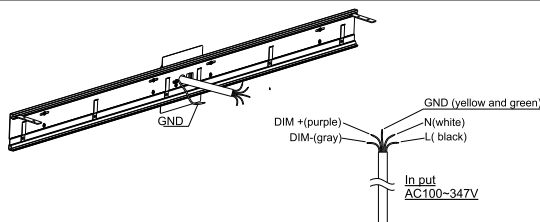
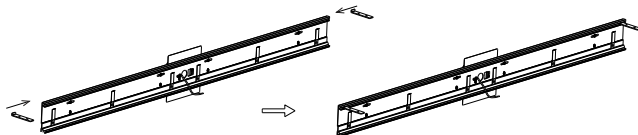


1	C Wall-mount Bracket	1PC
2	Square Decorative	1PC
3	L support	2PCS
4	Plastic Anchor	4PCS
5	Cross head tapping	4PCS
6	Hand screw	4PCS
7	Screw	1PC
8	End cap	2PCS
9	Linkable bracket	1PC



1. Drill Hole on the wall based on the Length of the Fixture, Fix the plastic anchor in the hole and fix the Wall Mount Bracket on the Wall.

2. Push the L support bracket into the wall mount bracket as followed.

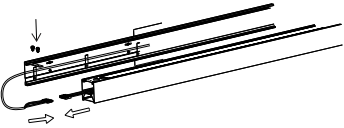


3. Connect L, N, GND, DIM+ and DIM- of AC input wire to L, N, GND, DIM+ and DIM- respectively of AC wire.



4. Get the linear light install into the wall mount bracket as followed picture. Using the hand screw to secure the linear light.

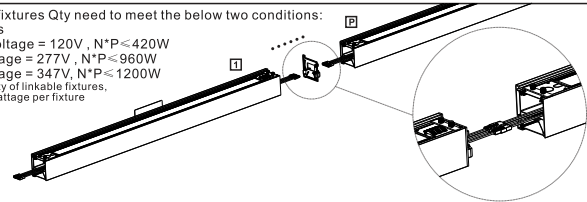
Connect the quick connector between the linear light and connector from the AC power wire. After then, put it into the linear body.



Linkable fixtures Qty need to meet the below two conditions:

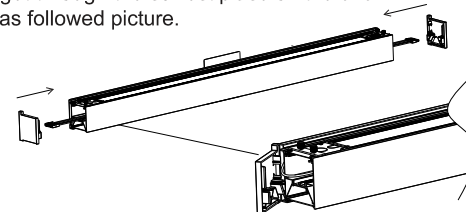
- 1) $N \leq 7$ pcs
- 2) Input voltage = 120V, $N \cdot P \leq 420W$
Input voltage = 277V, $N \cdot P \leq 960W$
Input voltage = 347V, $N \cdot P \leq 1200W$

Note: N = Qty of linkable fixtures,
P = Wattage per fixture



5. Linkable bracket insert into one fixture, connect the male and female connector, the other part of linkable bracket insert into the other fixture. Then the fixture fixed on the wall mounted kit.

6. Install the end caps, the connector wire must get through the correct place on the end caps as followed picture.

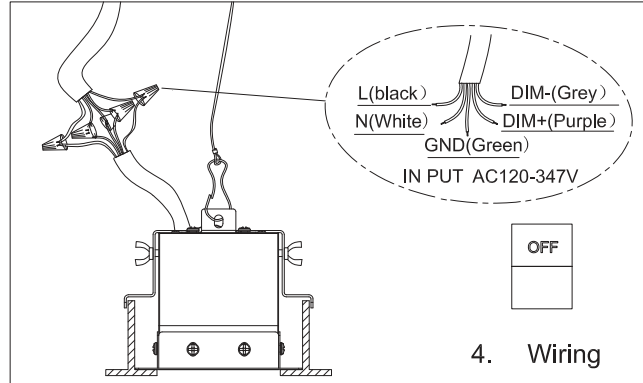
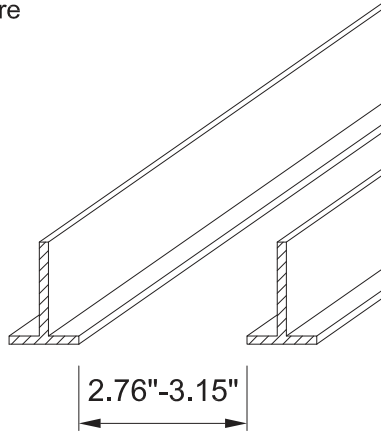
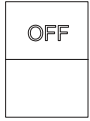


7. Turn on the light.

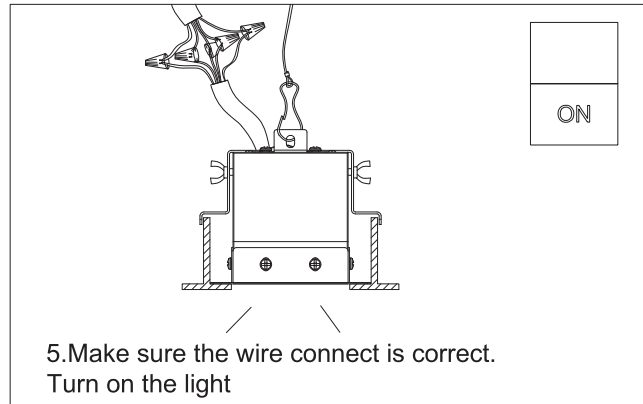
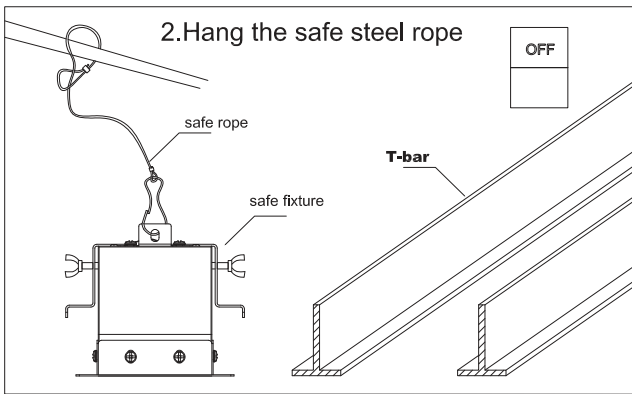


T-Bar Recessed Installation

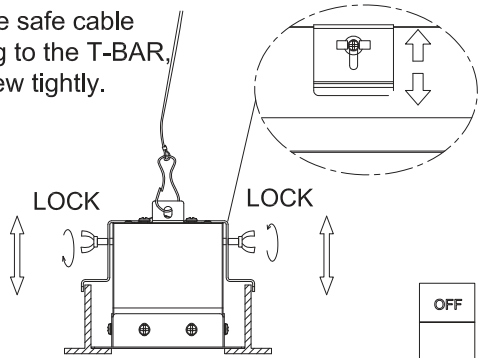
1. Adjust the position of T-bar according to the width of fixture



2. Hang the safe steel rope

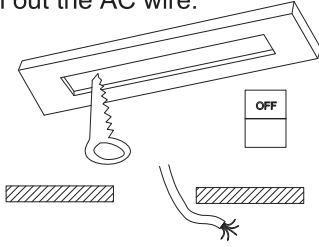


3. Adjust the safe cable according to the T-BAR. Lock screw tightly.

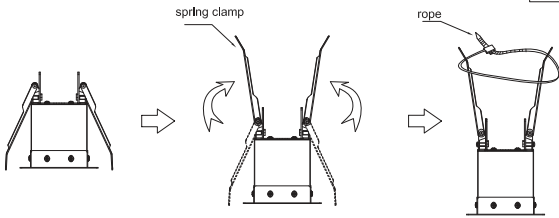


Wood/Trim Dry Wall Ceiling Recessed Installation

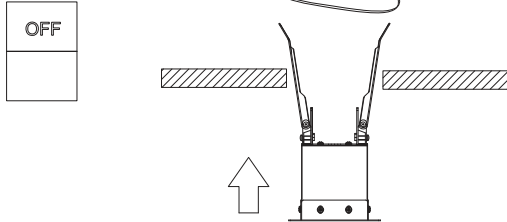
1. Open the hole according to the size of the light, and pull out the AC wire.



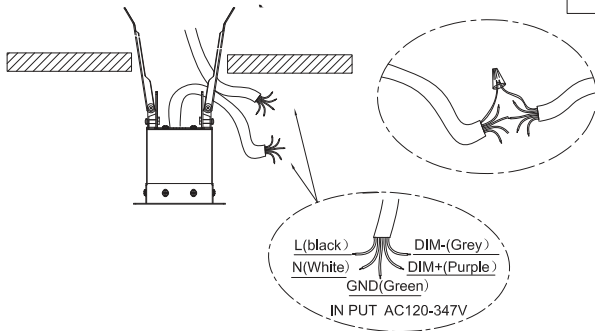
2. Pull up the spring clamp and fix with rope (Adjust the size according to hole size)



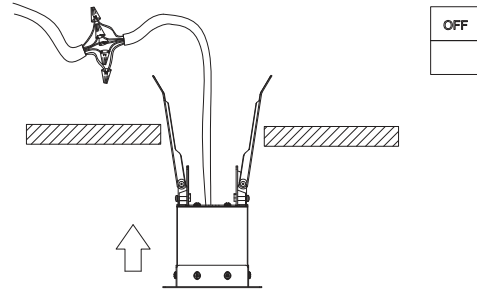
3. Remove the rope



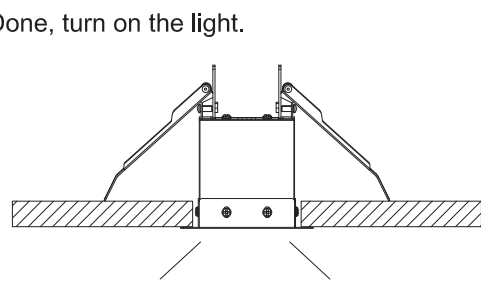
4. See the blew drawing, wire with connector.



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

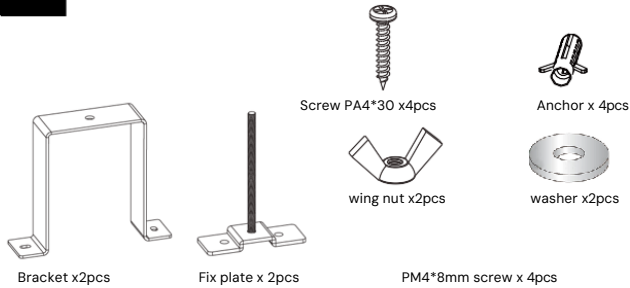


6. Done, turn on the light.



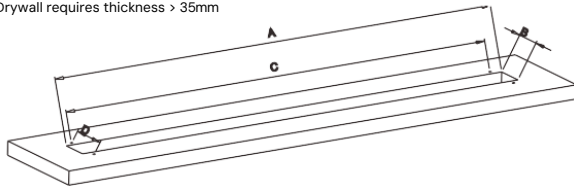
Wood/Trimless Dry Wall Ceiling Recessed Installation

1



2

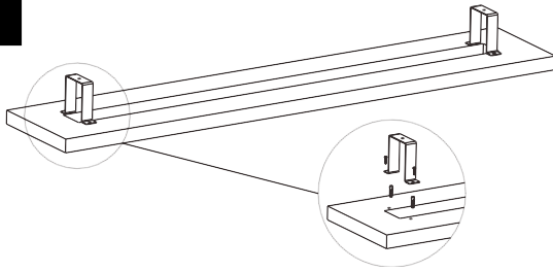
Drywall requires thickness > 35mm



Suggest hole size						
No.	Fixture	Fixture size (MM)	A(MM)	B(MM)	C(MM)	D(MM)
1	2FT	606*70*80	608	72	564	98
2	4FT	1206*70*80	1208	72	1164	98
3	6FT	1806*70*80	1808	72	1764	98
4	8FT	2406*70*80	2408	72	2364	98

Rectangular holes reserved on the ceiling according to the requires (A*B) Drill 4 holes on drywall for the bracket according to the "C" and "D" size

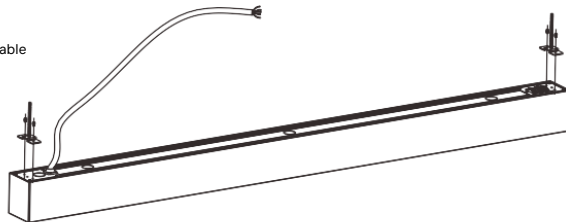
3



Lockes the brackets on site using the wall anchor and PA4 screws

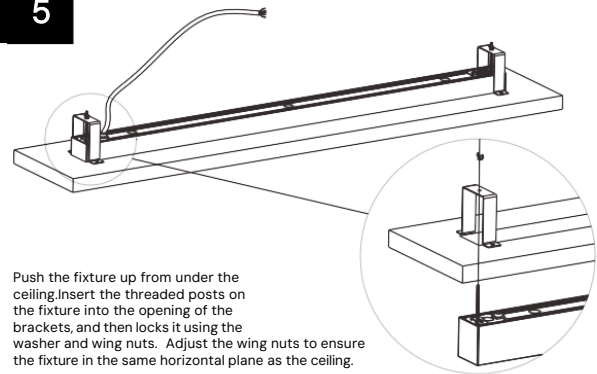
4

5pins 7ft cable



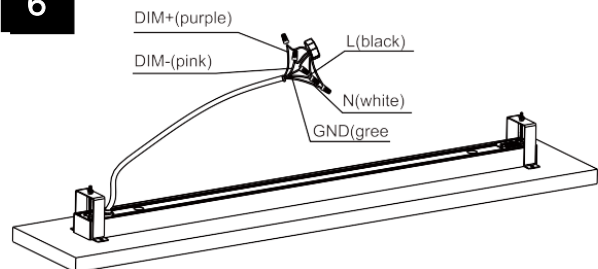
Locks the fix plates on fixture using the PM4 screws

5



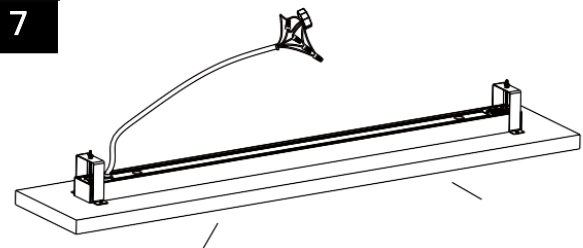
Push the fixture up from under the ceiling. Insert the threaded posts on the fixture into the opening of the brackets, and then locks it using the washer and wing nuts. Adjust the wing nuts to ensure the fixture in the same horizontal plane as the ceiling.

6



Connect the wires of AC input and dimmer if you have

7



Check it and power on