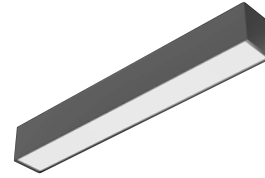


Architectural LED Linear Fixture



Features:

2' - 4' - 8' Linear Fixture lengths

Black and White finishes

Suspended/Surface/Wall mounting available

PS Frosted lens standard (additional options available)

Indirect/Direct with selectable distribution Integrated plug-in connectors for sleek designs

Dimensions: Selectable CCT:

2.75" W x 3.15" H

3500K 4000K 5000K



Fixture linking:

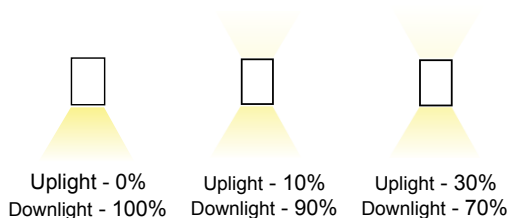
Max. linkable quantity

Down Linear	2FT	4FT	8FT
AC120V	18	9	5
AC277V	40	20	10

Up / Down Linear	2FT	4FT	8FT
AC120V	12	8	4
AC277V	28	17	8

Linear can be gapless as long as needed using multiple power cables.

Selectable Distribution:



Connector Options:

"—" Joiner



Illuminated "L"



Illuminated "T"



Illuminated "X"



Illuminated "V60"



Illuminated "V120"



Illuminated "Y"



Illuminated "I"



Architectural LED Linear Fixture

ORDERING GUIDE

Example: SZ-ALF50W-4FT-ACP

Company Code <input type="text"/>	Fixture Type <input type="text"/>	Wattage <input type="text"/>	Size <input type="text"/>	lighting effect <input type="text"/>	ACP <input type="text"/>	optional <input type="text"/>
SZ Company Name	ALF Architectural LED Linear Fixture	25W Max 50W Max 80W Max	2FT 2' 4FT 4' 8FT 8'	Blank 115LM/W	ACP Adjustable CCT and Power 25W: 15/20/25W 3500K/4000K/5000K 50W: 30/40/50W 3500K/4000K/5000K 80W: 50/64/80W 3500K/4000K/5000K	Blank Without Sensor MS Motion sensor (Option) EM with Emergency Driver (Option)

Specifications

Housing

One-piece extruded aluminum with PS Lens.

Mounting

Pendant Mount, Recessed Mount for Drywall Ceiling, wall mount, & surface mount.

Electrical

Standard 120V - 277V

0-10V dimming standard with a dimming range of 100% to 10%. PF > 0.9. THD <20%.

CCT and CRI

Field selectable: 3500K, 4000K, and 5000K. CRI 80.

Operating Temperature

Suitable for use in -20° C to 45° C (-4° F to 113° F).

Efficacy

115 lumens per watt.

Lifespan

L70 >50,000 Hours at 25°C (77°F).

Certifications

UL Listed. DLC5.1

Warranty

5-year limited warranty.

Options



Standard: Integrated down lighting

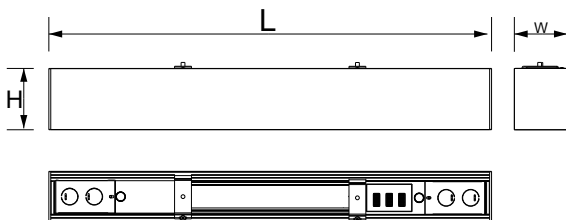


Standard: Integrated up/down lighting



Optional: Know-down modular of Up Lighting

Product Dimension

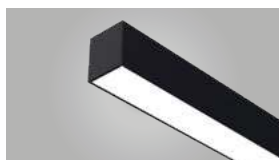


Model	Size
SZ-ALF-2FT	575x70x80(mm)/22.63"x2.75"x3.15"
SZ-ALF-4FT	1150x70x80(mm)/45.28"x2.75"x3.15"
SZ-ALF-8FT	2300x70x80(mm)/90.55"x2.75"x3.15"

Finish Options



White



Black

Housing Material: Aluminum

Optics: PS Lens

Finish: White, Black

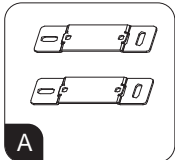
Architectural LED Linear Fixture

Surface Mounting

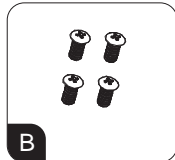
► Safety Instructions

1. Read this instruction carefully before installation
2. Installation should be in accordance with national and local electrical laws and regulations
3. Product should installed by qualified and licensed electrician
4. Do not install in humid places, for dry and non-humid environments only.
5. Always turn off the power supply before installation or maintenance
6. To reduce the risk of fire and overheating, make sure all connections are tight
7. Fixtures should not covered with thermal insulation pads or similar materials at any circumstance
8. Do Not use out doors

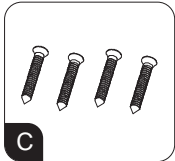
► Parts List:



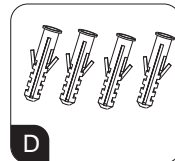
Surface-mounted Brackets



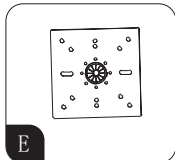
Short Screws



Long Screws

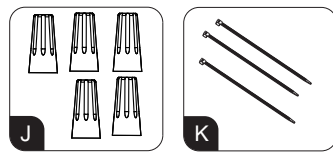


Anchors



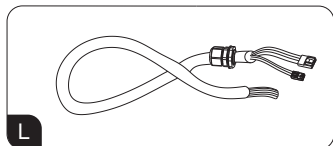
Square Plate

Driver's wires package(optional)



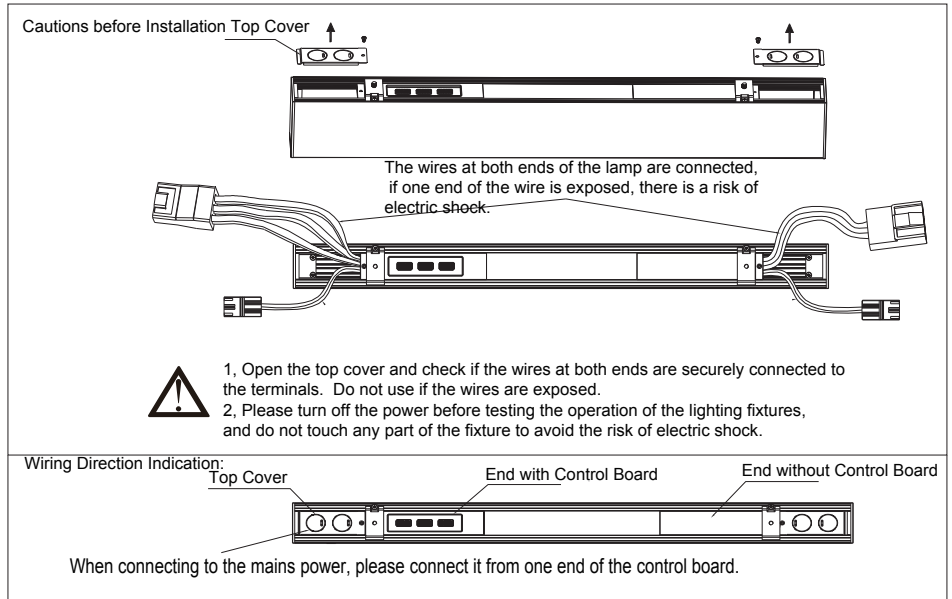
Wire Nuts

Ties

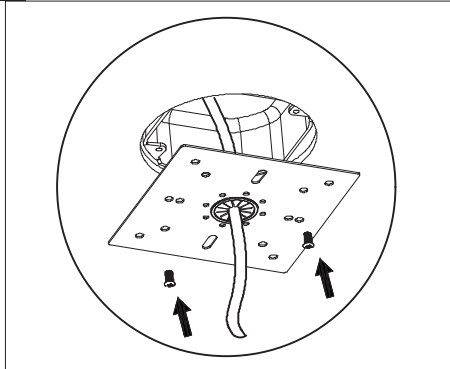


Wires accessories

Mounting Steps

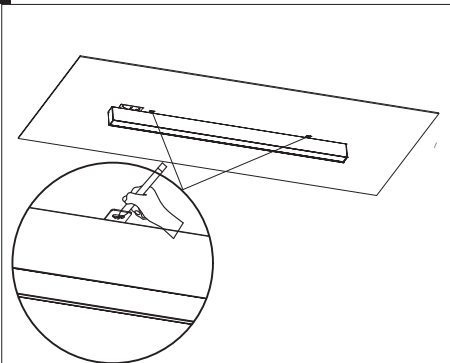


1 Attached square plate onto the junction-box with screws

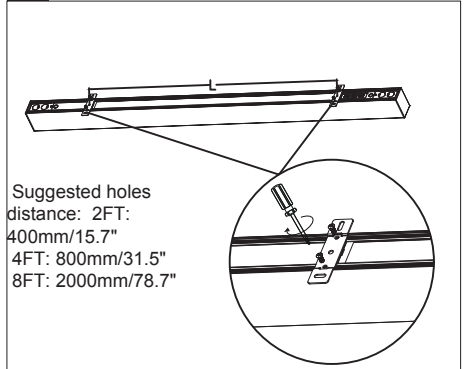


Put and press the fixture onto mounting surface, then mark the mounting positions from brackets for step 4.

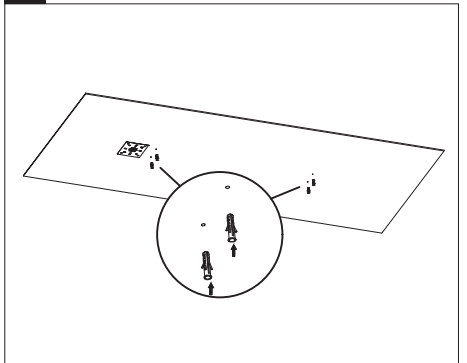
3 brackets



2 Fix the 2 surface-mounted brackets to fixture back with provided short screws



4 Drill the holes according to the marks and insert the anchors

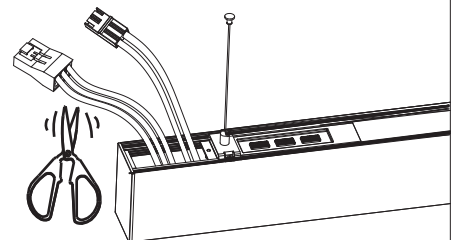


5 Cut off the corresponding terminals as required.

Three-position terminal: BLACK (LINE)
WHITE (NEUTRAL)
GREEN (GRD)

Two terminal: PURPLE (DIM +)
PINK (DIM -)

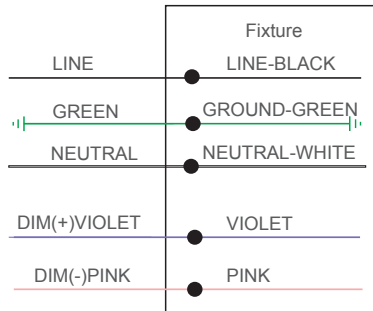
1. After cutting off the connecting terminals, the lighting fixture will no longer be able to link with other fixtures through terminals.
2. After cutting the wires, please ensure proper protection and labeling, and avoid using them for secondary wiring.



Architectural LED Linear Fixture

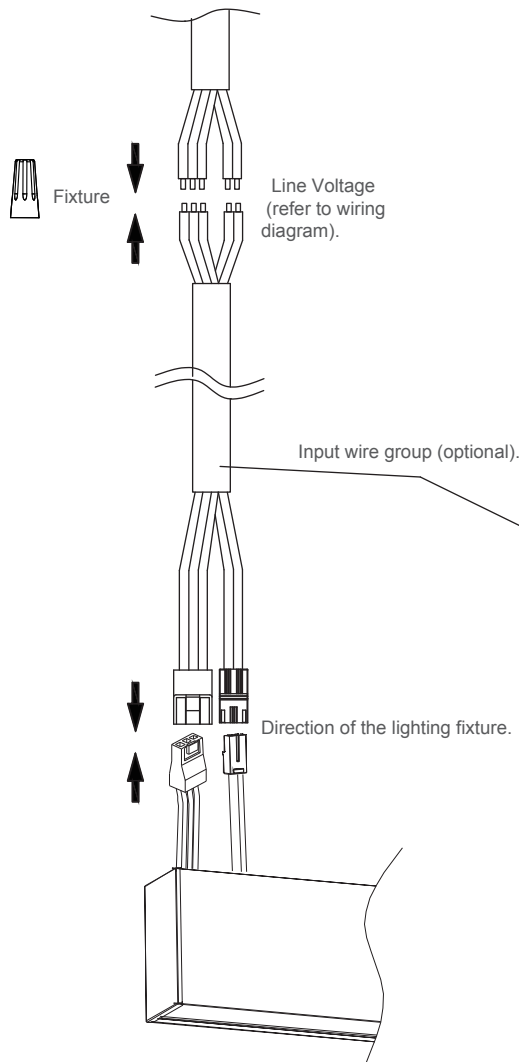
Wiring Diagram

Line Voltage



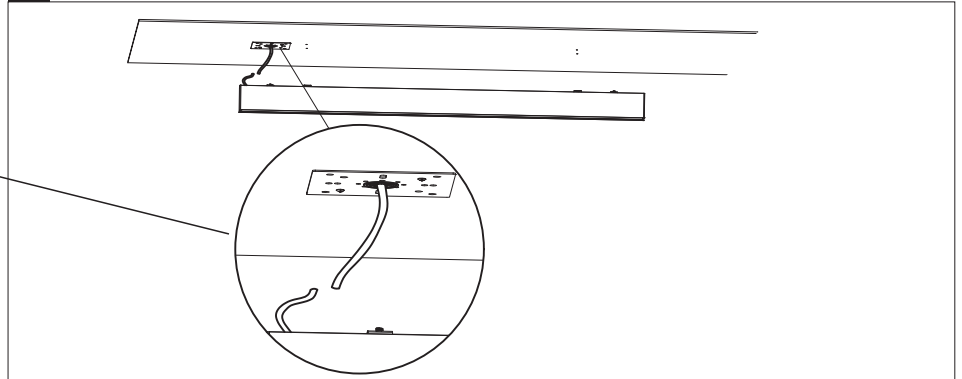
1. If dimming is not used, please separate the dimming wires with nuts.
2. Wiring must follow up the wiring diagram.
3. Remind again: Cut off the power supply before operation.

Wiring Diagram

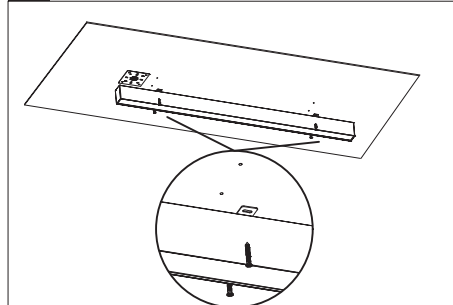


Three terminals: neutral wire, live wire, ground wire
Two terminals: DIM+ (purple), DIM- (pink)

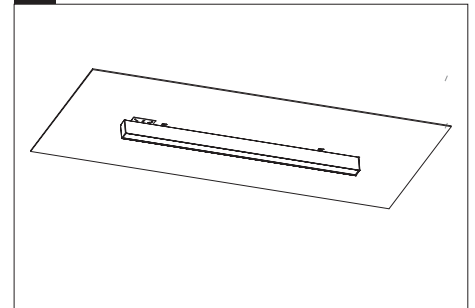
6 Make wiring according to wiring diagram , screw back the cover.



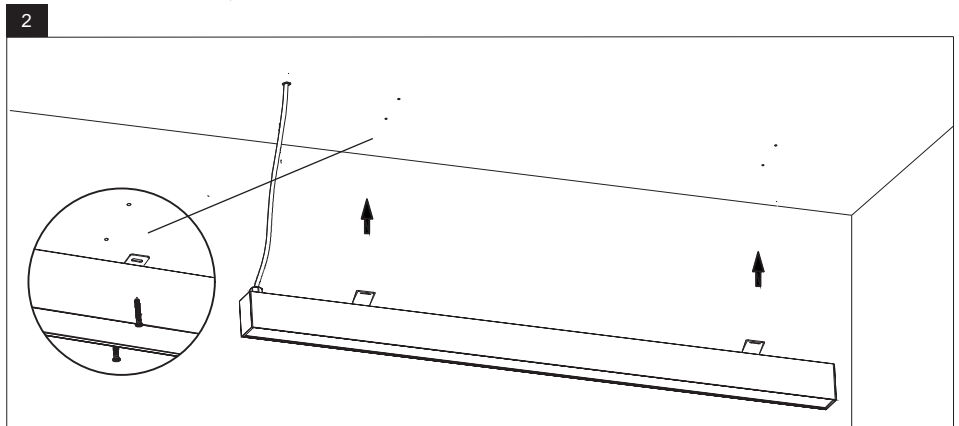
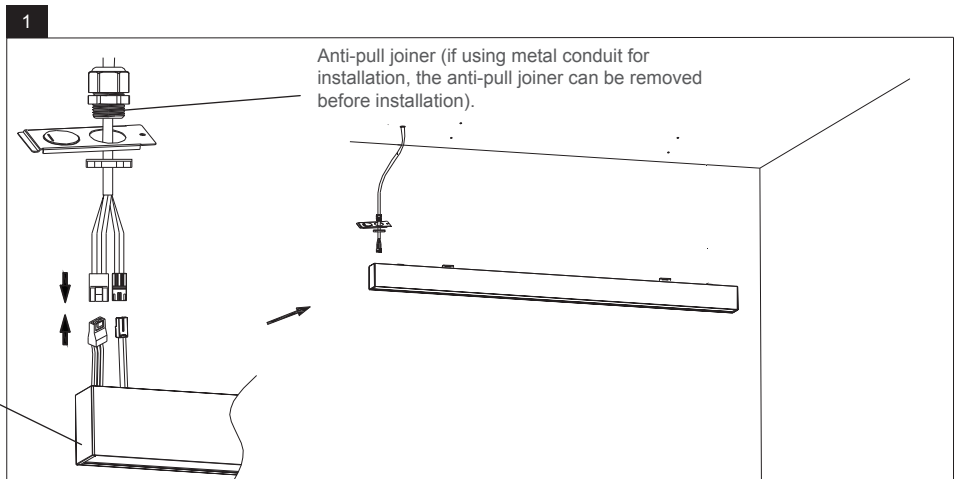
7 Secure the fixture to the mounting surface with long screws.



8 Installation completed.



Input wire group (optional).



Architectural LED Linear Fixture

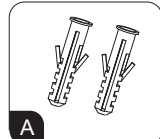
Pendant Mounting

Safety Instructions

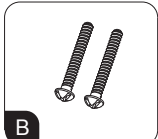
- 1, Read this instruction carefully before installation
- 2, Installation should be in accordance with national and local electrical laws and regulations
- 3, Product should installed by qualified and licensed electrician
- 4, Do not install in humid places, for dry and non-humid environments only.
- 5, Always turn off the power supply before installation or maintenance
- 6, To reduce the risk of fire and overheating, make sure all connections are tight
- 7, Fixtures should not covered with thermal insulation pads or similar materials at any circumstance
- 8, Do Not use out doors

Parts List

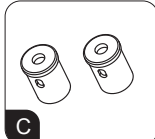
Hanging plate accessories



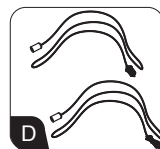
A Expanding rubber stopper



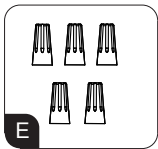
B Long screws



C Mounting part

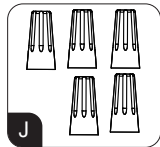


D Sling assembly

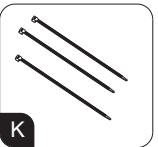


E Wire Nuts

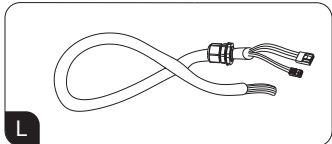
Driver's wires package(optional)



J Wire Nuts



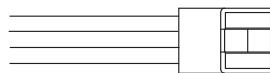
K Ties



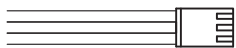
L Wires accessories



orange terminal
DIM+(Pueple)
DIM-(Pink)



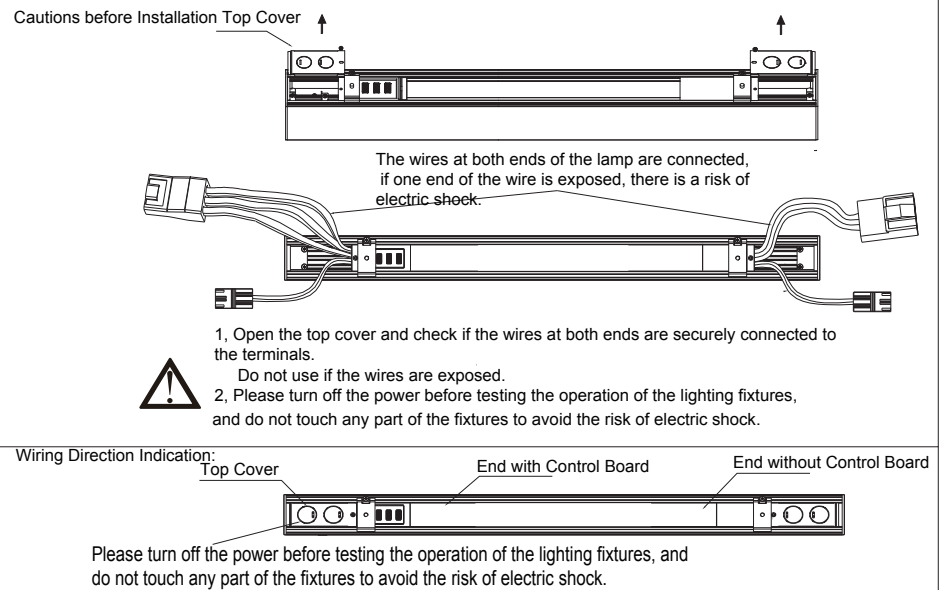
Yellow terminal
L(Black)
Ground wire (Green)
N(White)



white terminal

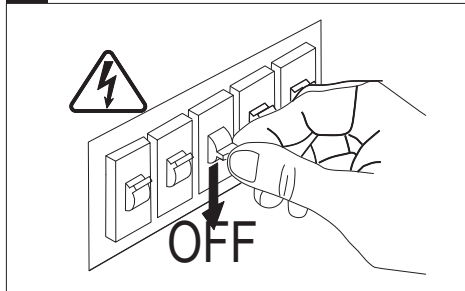
Wiring for connection parts

Function description of the control board

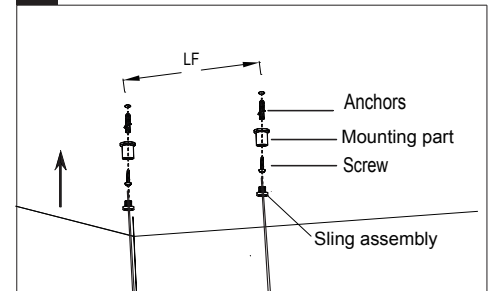


Mounting Steps

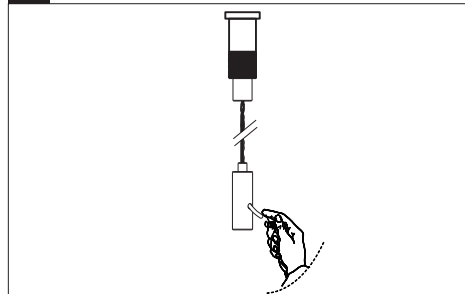
1 Turn off the power.



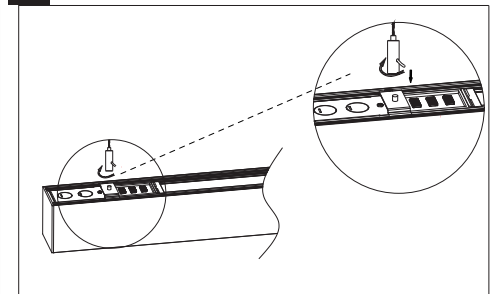
2 Fixing the hook and suspending the lamp.



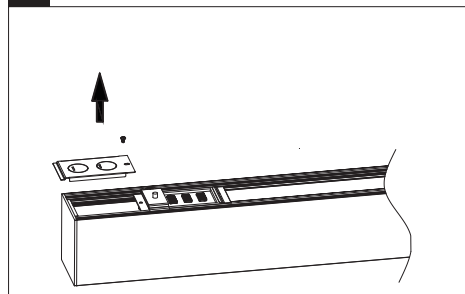
3 Adjusting the hanging rope length.



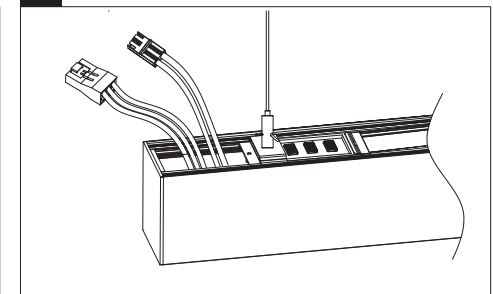
4 Use M5 square screw and M5 fixed head to fix LED strip light.



5 Open the end of the lamp to be connected.



6 Take out wire.



Architectural LED Linear Fixture

Wiring Diagram

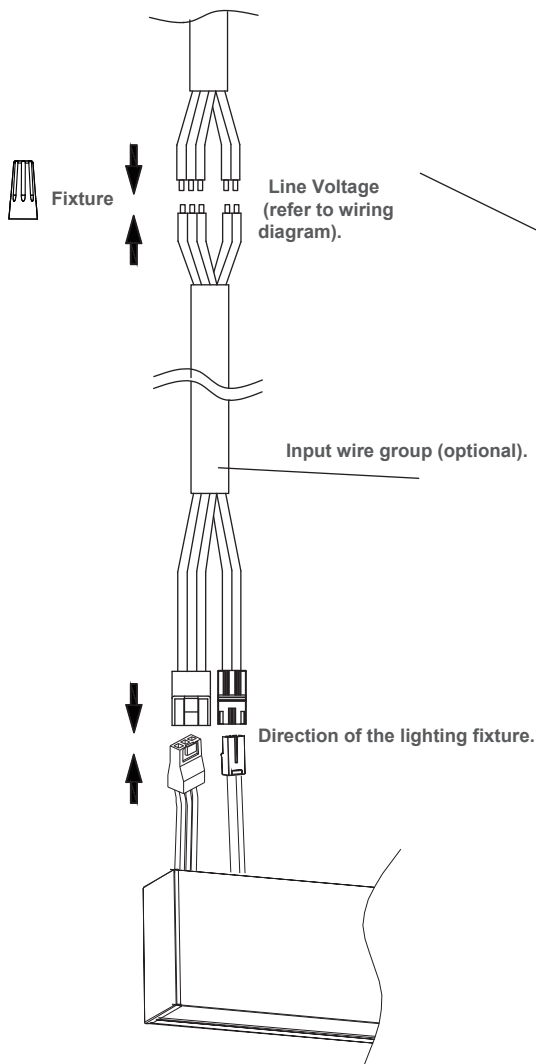
LINE	● LINE-BLACK
DEEN	● GROUND-GREEN
NEUTRAL	● NEUTRAL-WHITE
DIM(+)/VIOLET	● VIOOLET
DIM(-)/PINK	● PINK
12V YELLOW	● YELLOW



1. If dimming is not used, please separate the dimming wires with nuts.
2. Wiring must follow up the wiring diagram.
3. Remind again: Cut off the power supply before operation.



Wiring Diagram



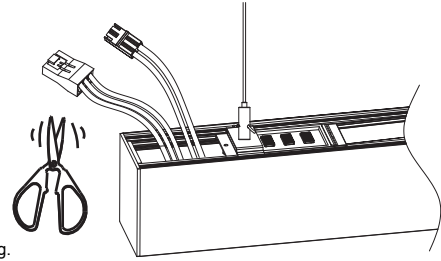
Three terminals: neutral wire, live wire, ground wire Two terminals: DMI+ (purple), DIM- (pink)

7 Cut off the corresponding terminals as required.

Three-position terminal: BLACK (LINE)
WHITE (NEUTRAL)
GREEN (GRD)

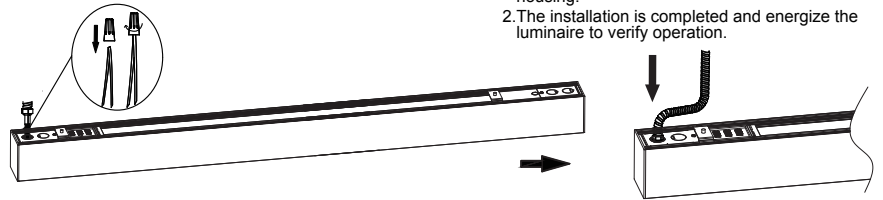
Two terminal: PURPLE (DIM +)
PINK (DIM -)

1. After cutting off the connecting terminals, the lighting fixture will no longer be able to link with other fixtures through terminals.
2. After cutting the wires, please ensure proper protection and labeling, and avoid using them for secondary wiring.



8 Turn off the power and wiring by using wire nut,

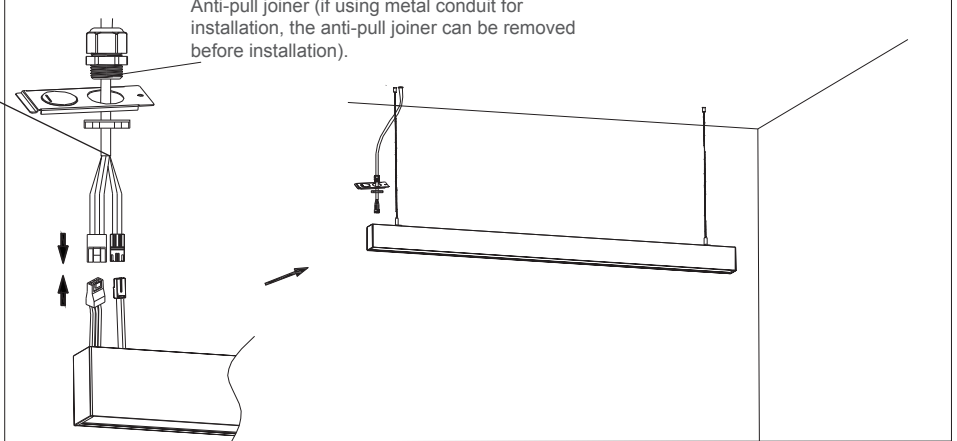
1. Insert the terminal block and wires into the lamp housing.
2. The installation is completed and energize the luminaire to verify operation.



Input wire group (optional).

1

Anti-pull joiner (if using metal conduit for installation, the anti-pull joiner can be removed before installation).



Architectural LED Linear Fixture

Recessed Mounting for Drywall Ceiling

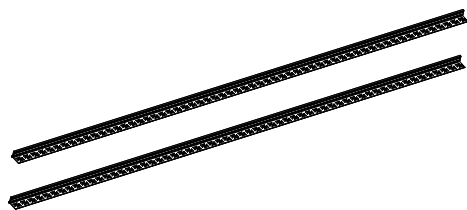
Safety Instructions

- 1, Read this instruction carefully before installation
- 2, Installation should be in accordance with national and local electrical laws and regulations
- 3, Product should installed by qualified and licensed electrician
- 4, Do not install in humid places, for dry and non-humid environments only.
- 5, Always turn off the power supply before installation or maintenance
- 6, To reduce the risk of fire and overheating, make sure all connections are tight
- 7, Fixtures should not covered with thermal insulation pads or similar materials at any circumstance
- 8, Do Not use out doors

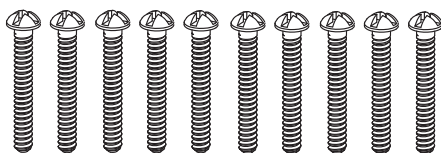
Parts List:



Pre-buried Cantilever Section A



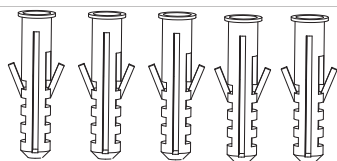
Pre-buried Cantilever Section B



Long screw



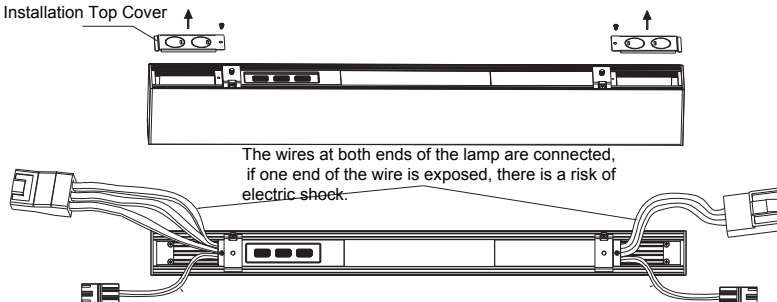
Short screw



Anchors

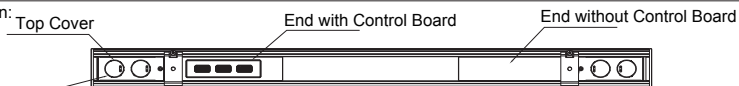
Mounting Steps

Cautions before Installation Top Cover



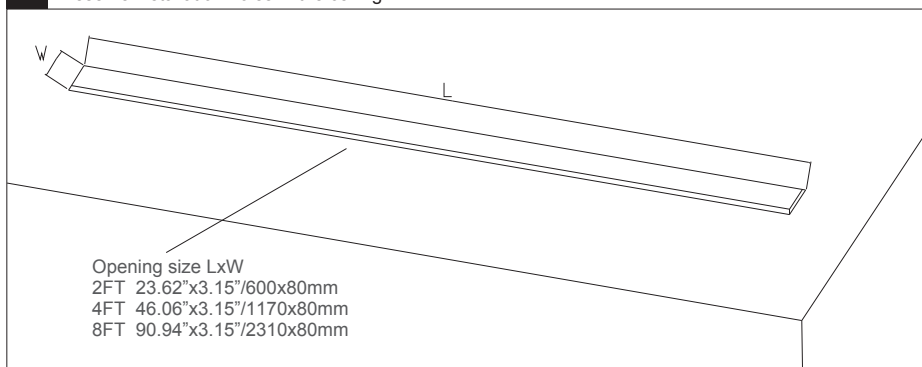
- 1, Open the top cover and check if the wires at both ends are securely connected to the terminals.
Do not use if the wires are exposed.
- 2, Please turn off the power before testing the operation of the lighting fixtures, and do not touch any part of the fixtures to avoid the risk of electric shock.

Wiring Direction Indication:

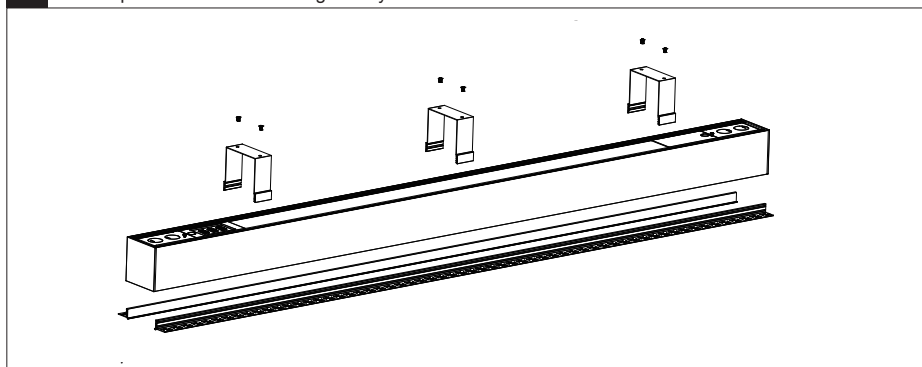


When connecting to the mains power, please connect it from one end of the control board.

1 Reserve installation holes in the ceiling.



3 Fix the pre-buried lace on the light body

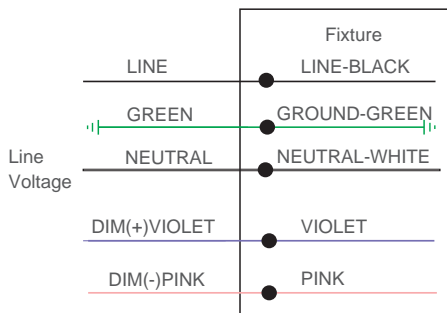


4 Put and press the fixture onto mounting surface, then mark the mounting positions from brackets, for step 5.



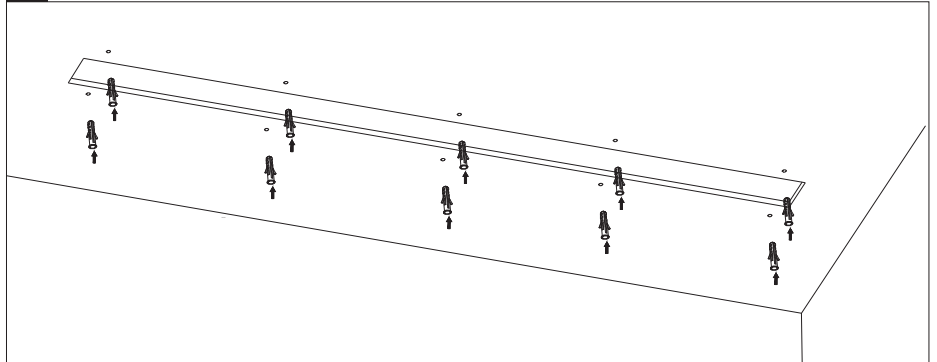
Architectural LED Linear Fixture

Wiring Diagram

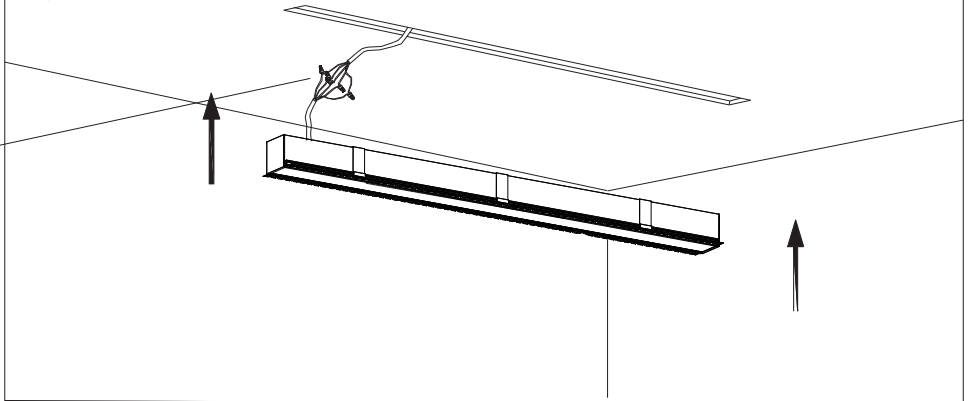


1. If dimming is not used, please separate the dimming wires with nuts.
2. Wiring must follow up the wiring diagram.
3. Remind again: Cut off the power supply

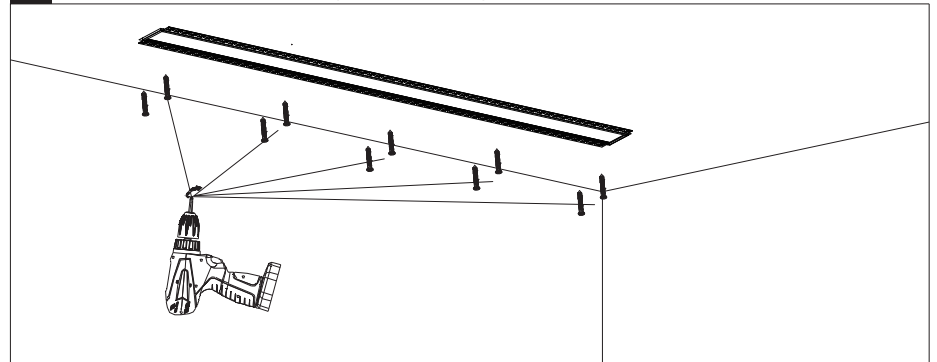
5 Drill the holes according to the marks and insert the anchors



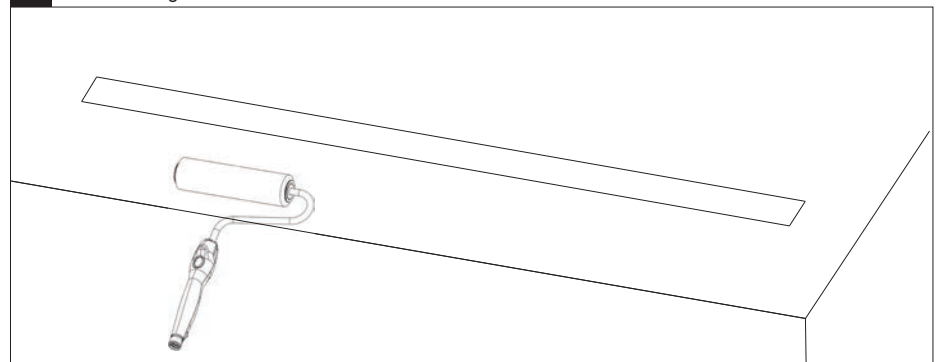
6 Cut off the fixture's connectors for wiring to line voltage if needed, make wiring according to the wiring diagram in the left.



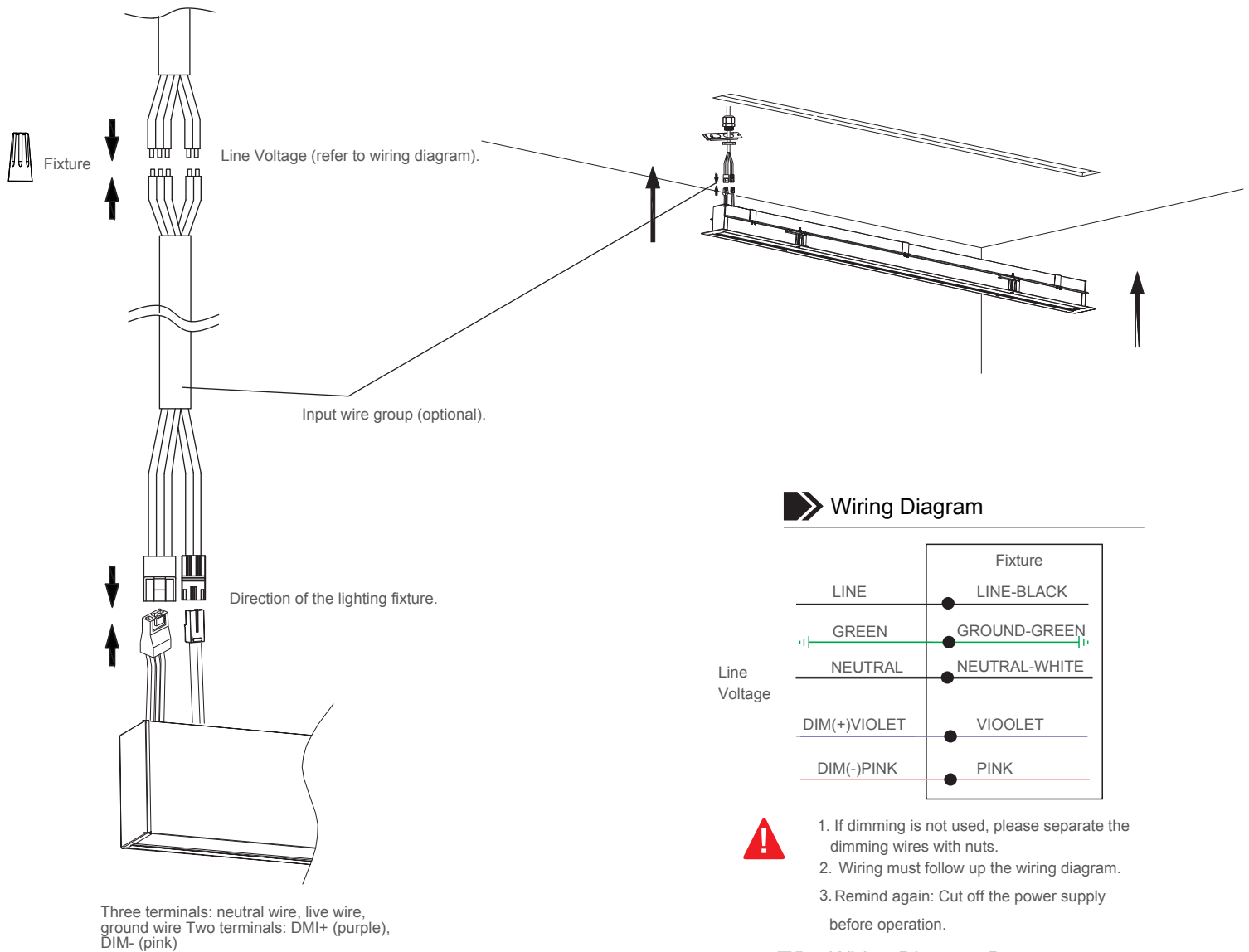
6 Secure the fixture to the mounting surface with long screws



7 Brush coating covers embedded extension



Architectural LED Linear Fixture



Wiring Diagram

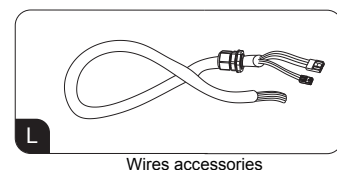
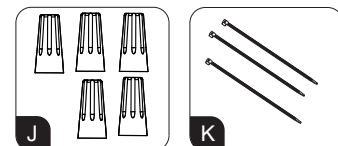
Line Voltage		Fixture	
LINE		●	LINE-BLACK
GREEN		●	GROUND-GREEN
NEUTRAL		●	NEUTRAL-WHITE
DIM(+)VIOLET		●	VIOLET
DIM(-)PINK		●	PINK



1. If dimming is not used, please separate the dimming wires with nuts.
2. Wiring must follow up the wiring diagram.
3. Remind again: Cut off the power supply before operation.

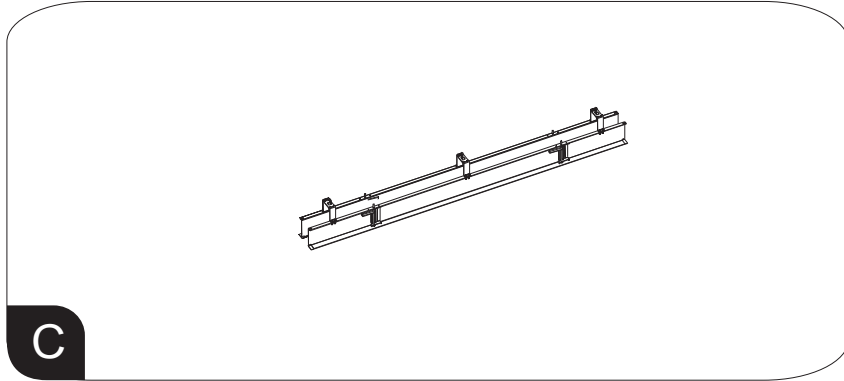
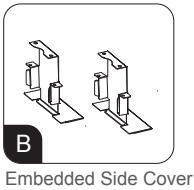
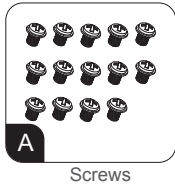
Wiring Diagram B

Driver's wires package(optional)



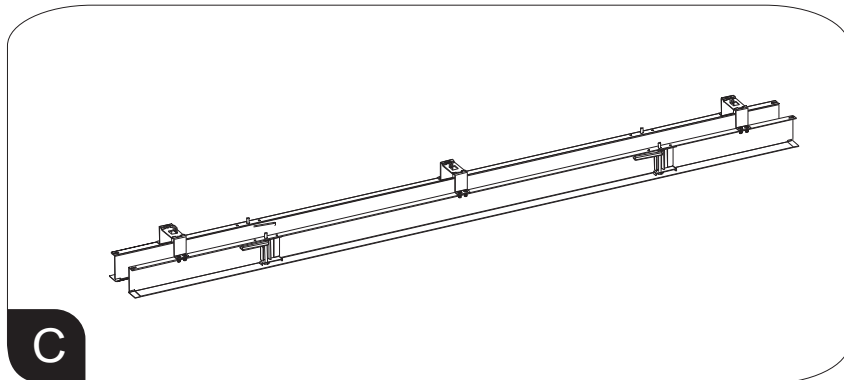
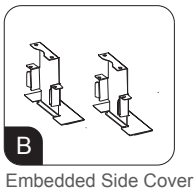
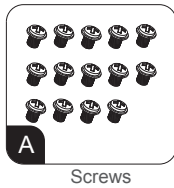
Architectural LED Linear Fixture

1 2FT Embedded installation accessories



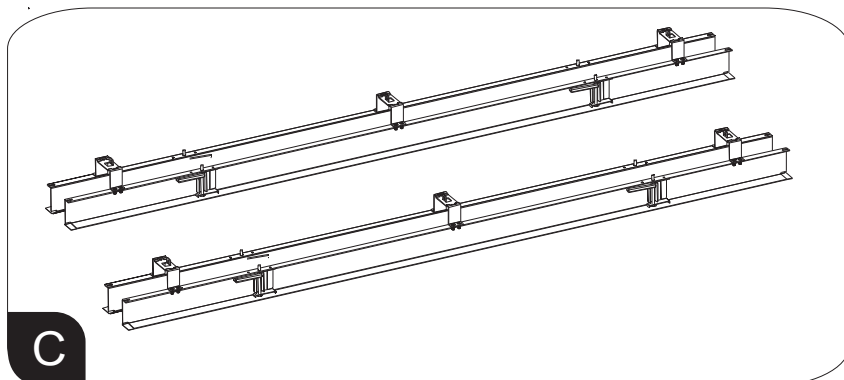
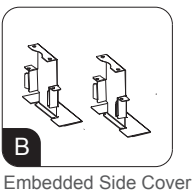
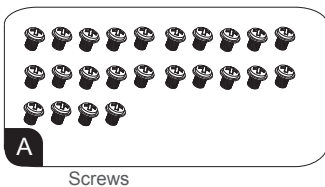
Embedded Mounting Bracket

2 4FT Embedded installation accessories



Embedded Mounting Bracket

3 8FT Embedded installation accessories



Embedded Mounting Bracket

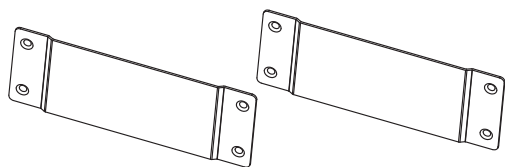
Architectural LED Linear Fixture

Wall Mounting

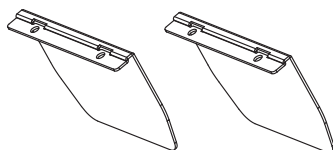
► Safety Instructions

- 1, Read this instruction carefully before installation
- 2, Installation should be in accordance with national and local electrical laws and regulations
- 3, Product should be installed by qualified and licensed electrician
- 4, Do not install in humid places, for dry and non-humid environments only.
- 5, Always turn off the power supply before installation or maintenance
- 6, To reduce the risk of fire and overheating, make sure all connections are tight
- 7, Fixtures should not be covered with thermal insulation pads or similar materials at any circumstance
- 8, Do Not use out doors

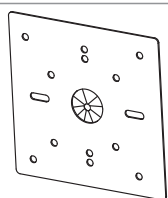
► Parts List:



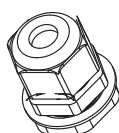
Mounting plate A



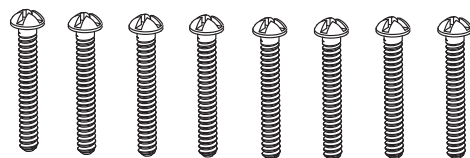
Mounting plate B



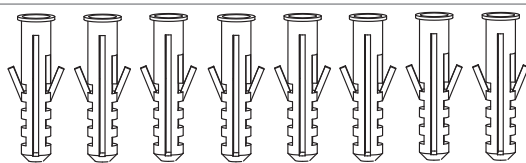
Decorative plate



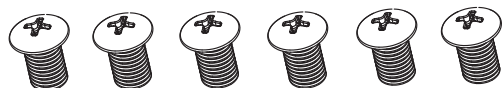
Anti-stretch head



Long screw



Anchors

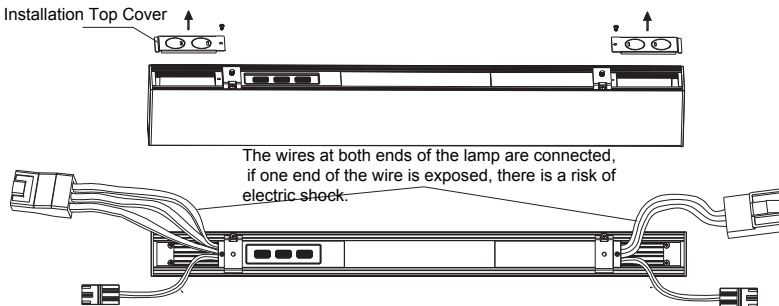


Short screw

Mounting Steps

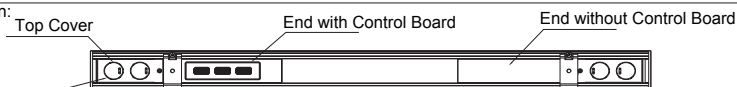
Cautions before Installation Top Cover

!



- 1, Open the top cover and check if the wires at both ends are securely connected to the terminals.
Do not use if the wires are exposed.
- 2, Please turn off the power before testing the operation of the lighting fixtures, and do not touch any part of the fixtures to avoid the risk of electric shock.

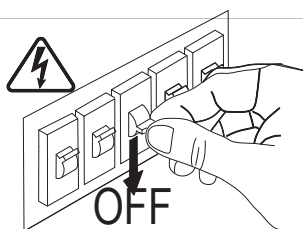
Wiring Direction Indication:



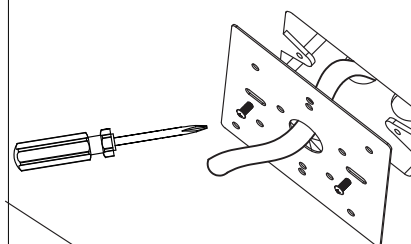
When connecting to the mains power, please connect it from one end of the control board.

Installation instructions

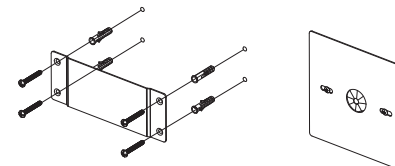
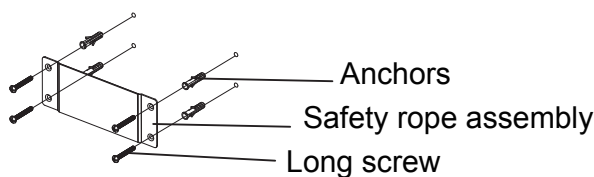
1. Turn off the power.



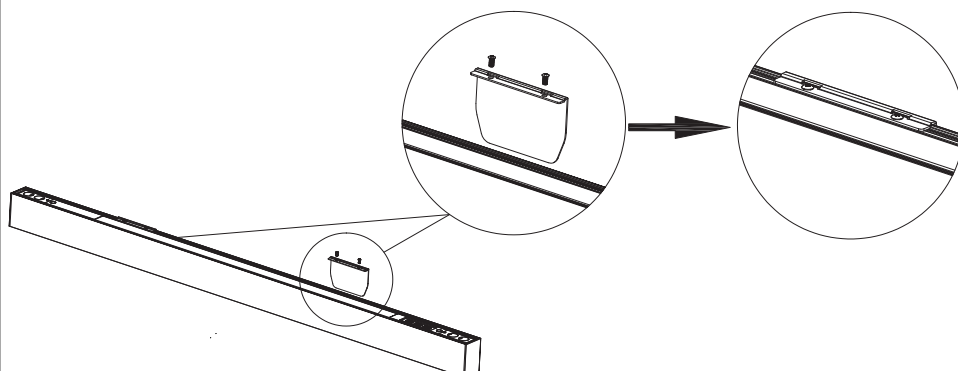
2. Pull out the wire and lock the trim.



3. Set the appropriate distance and install mounting plate A.

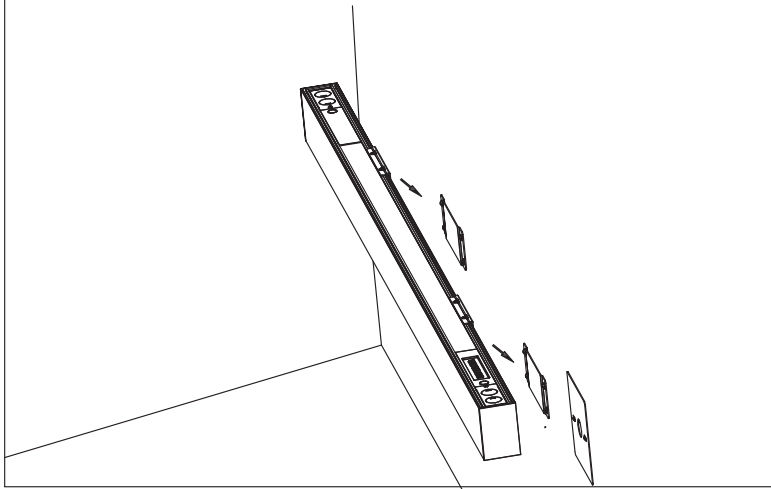


4. Install mounting board B on the lamp body according to the position of mounting board A.

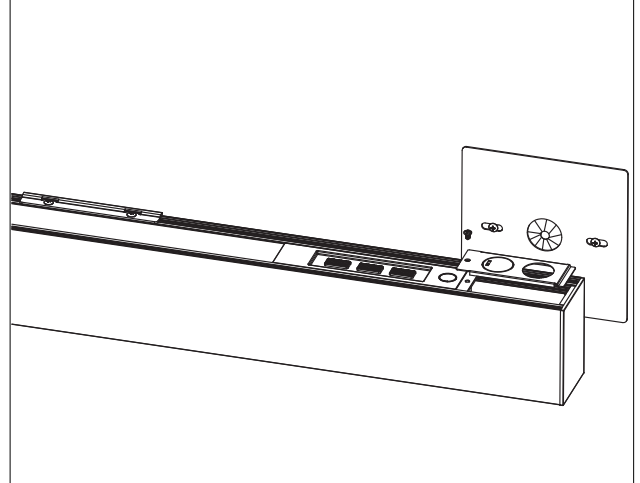


Architectural LED Linear Fixture

5. Insert mounting plate B on the light fixture into mounting plate A on the wall.



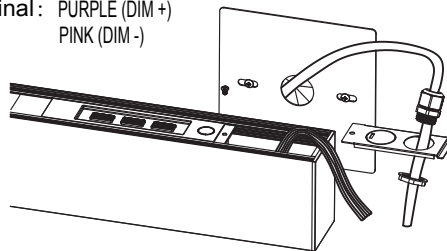
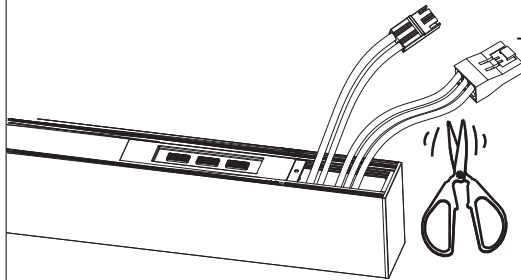
6. Remove one end screw of the lamp to pry open the wire hole.



7. Cut off one end of the terminal as required for wiring.

Three-position terminal: BLACK (LINE)
WHITE (NEUTRAL)
GREEN (GRD)

Two terminal: PURPLE (DIM +)
PINK (DIM -)



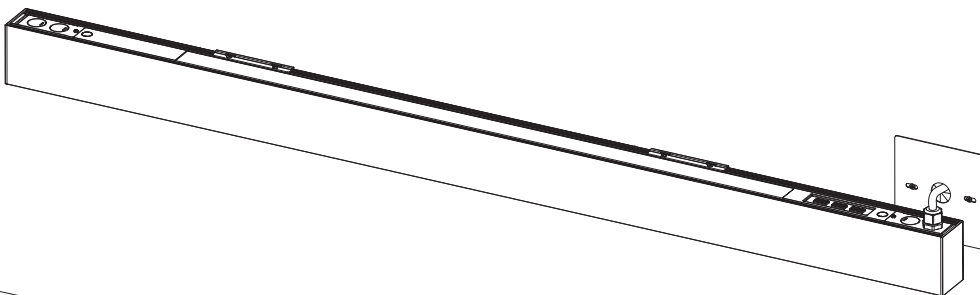
BLACK (LINE)
WHITE (NEUTRAL)
GREEN (GRD)

FIXTURE

ToSource
120V-277V/
120V-347V

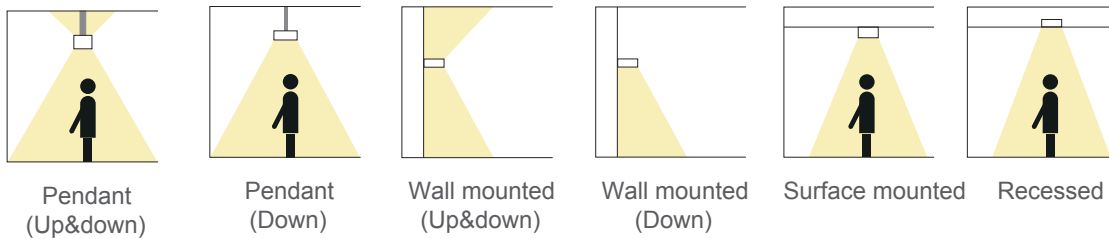
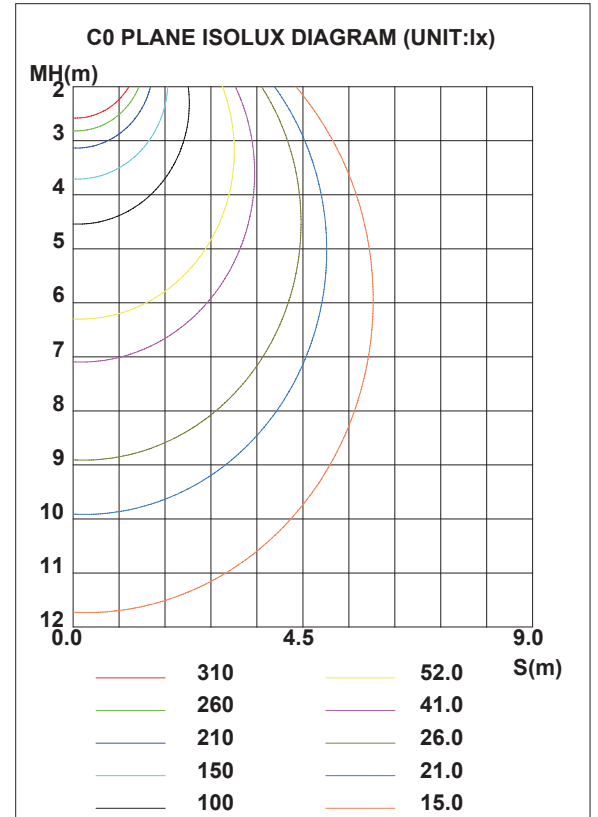
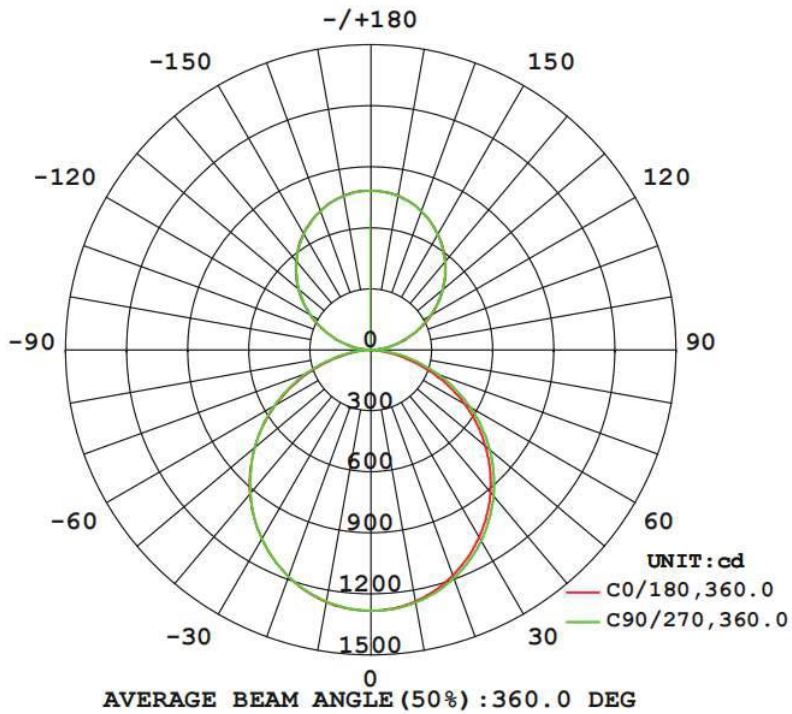
PURPLE (DIM +)
PINK (DIM -)
Dimming

8. Installation complete.



Architectural LED Linear Fixture

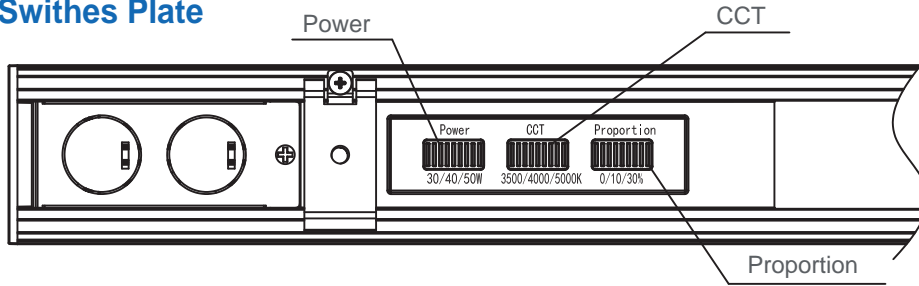
Testing Report



Provides lighting distribution options of 70% Downlight 30% Uplight, 90% Downlight 10% Uplight, 100% Downlight.

Architectural LED Linear Fixture

Switches Plate



Others

The following multiple functions can be achieved according to customers' requests

- 1.Remove or turn off the emergency battery when testing the luminous efficacy.
- 2.Available with external or built-in microwave motion sensor
- 3.Emergency: the power is 8W, it can still work in 1.5hrs while emergency situation.
- 4.Remove or turn off the emergency battery when testing the luminous efficacy.



Accessories



Features:

Slim shape, easy to install

Built-in Lithium Battery

Self Testing

Constant output power(Auto-sensing output within each range)

Battery protections:over charge protection,over discharge protection,short circuit protection

UL listed for factory and field installation-UL 924 and CSA C22.2 NO.141

High-efficiency for CEC Compliance and US DOE.



Emergency Driver



- Tiny PIR Sensor with/out Bluetooth-lesh, Microwave Ver sion Interchangeable.
- Audio-Jack Classic Connection, 0-10V Dimming, with Daylight Harvesting
- Suitable for Indoor Lighting, Panel, Troffer etc.

End Cap w/sensor



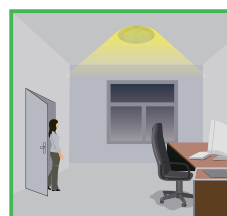
Canopy (for sensor)

The microwave sensor to achieve tri-level dimming control, for same areas that require a light change notice before switch off.

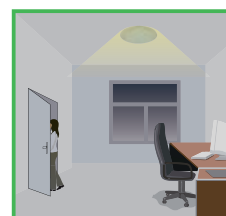
If offers 3 levels of the light Control : 100%-dimming light (0,10%,30%,50%)--off;and 2 periods of selectable waiting time: motion hold-time and stand-by time, Selectable daylight threshold and choice of detection area.



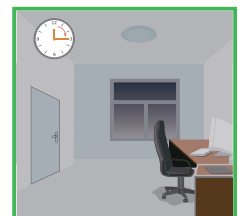
With sufficient natural light, the light does not switch on when presence detected.



With insufficient natural light, the sensor switches on the light automatically when person enters room



People left, light still dims to 0/10%/30%/50% (options) standby level after the hold

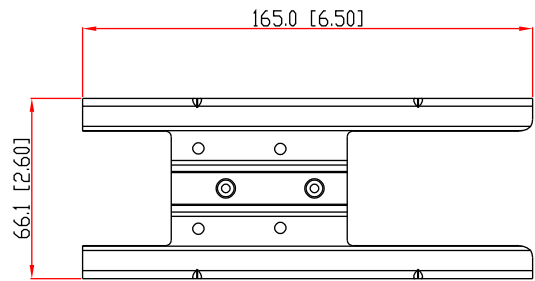


Light switches off automatically after after stand-by time elapsed.

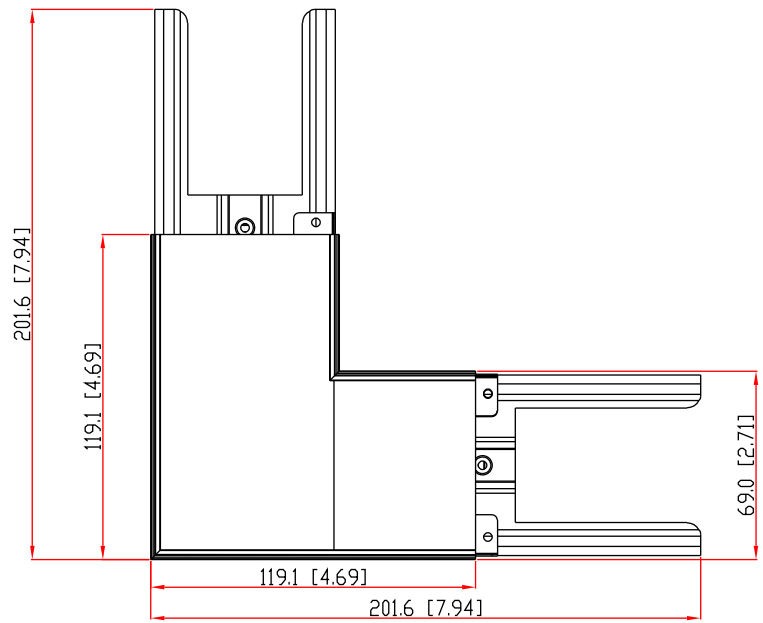
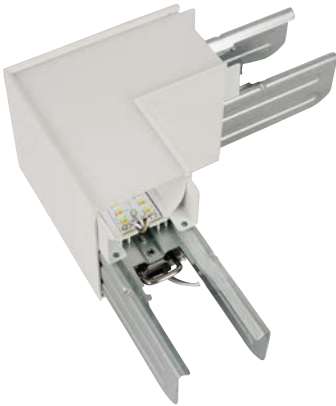
Architectural LED Linear Fixture

Accessories

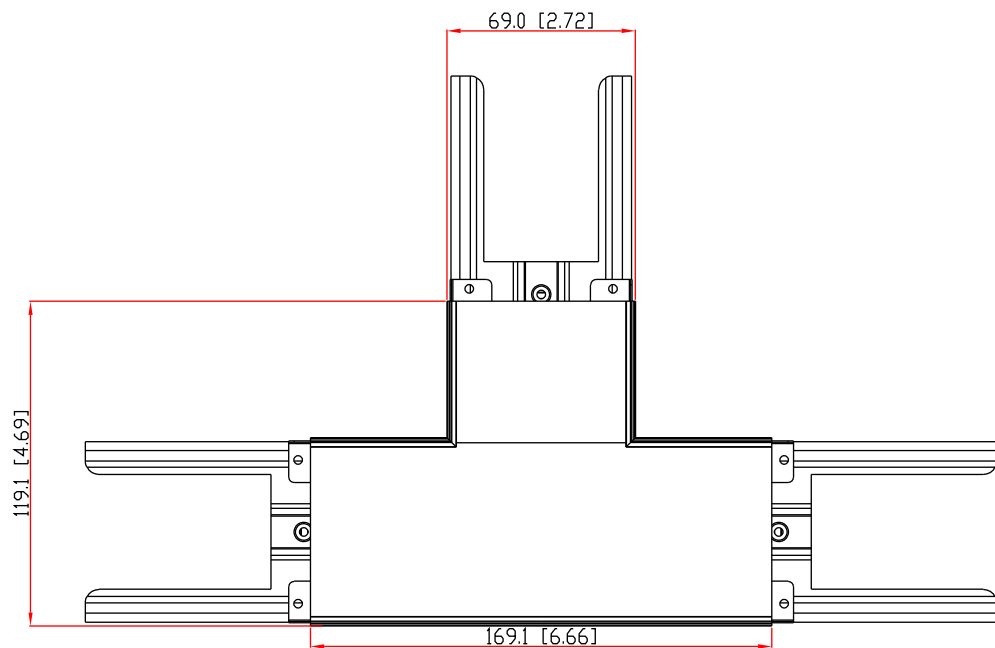
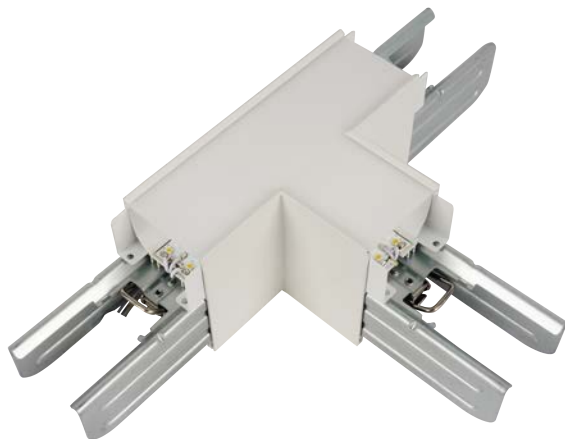
“—”joiner



“L”joiner

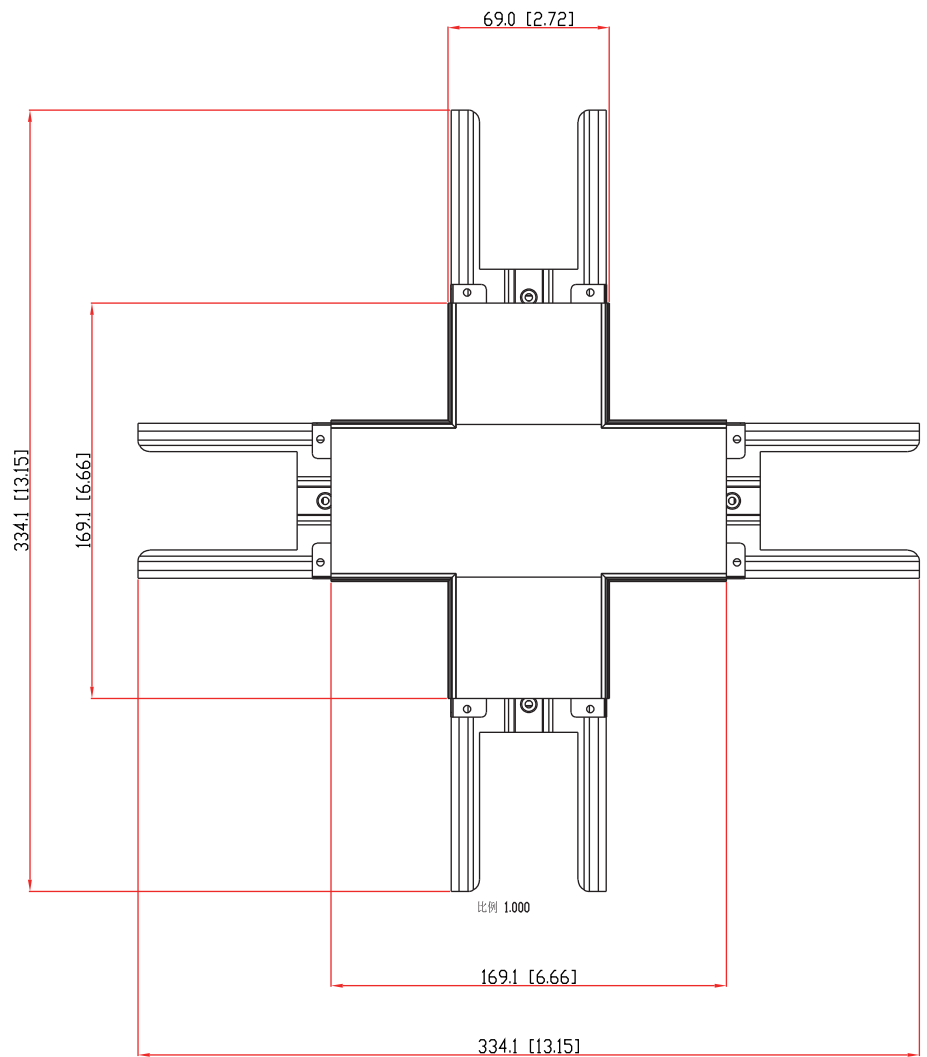
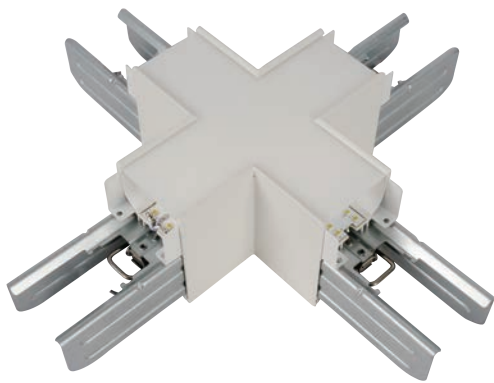


“T”joiner

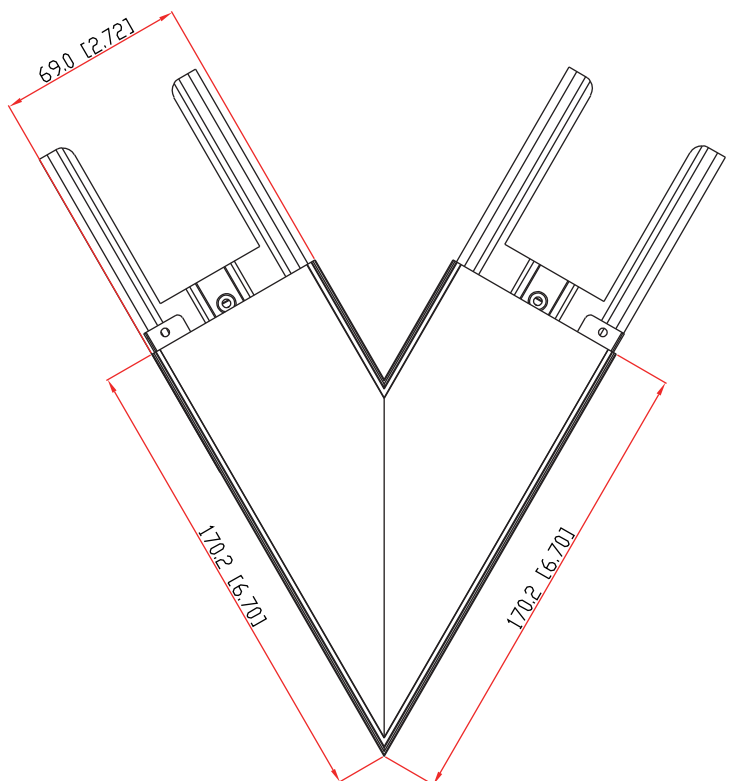


Architectural LED Linear Fixture

“X” joiner

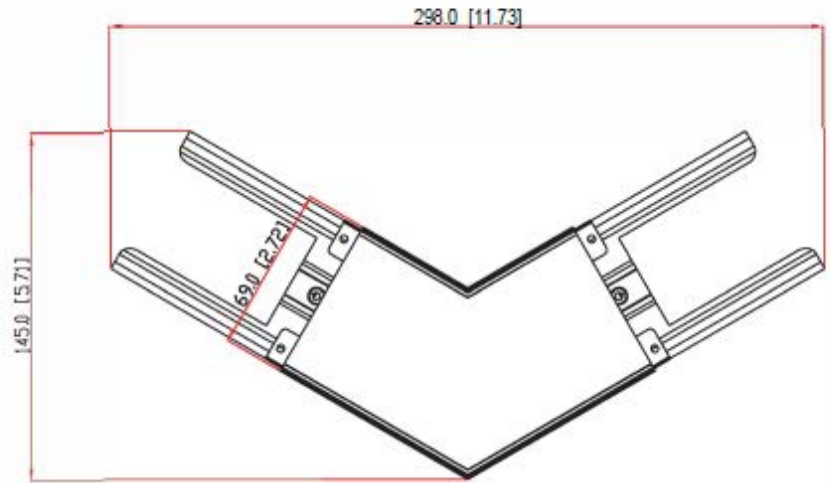


“V60” joiner

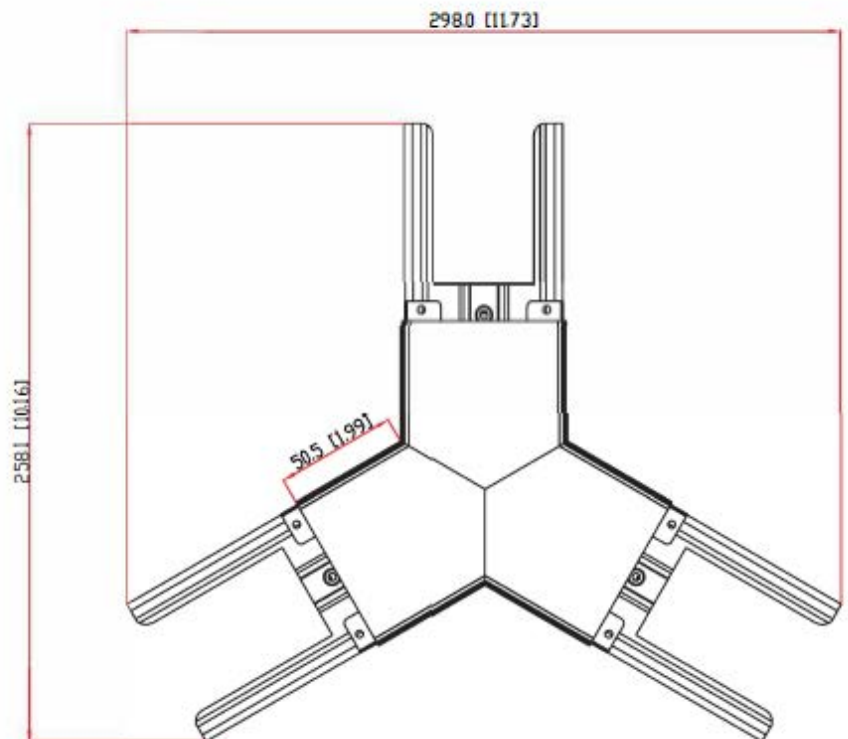


Architectural LED Linear Fixture

"v120"joiner

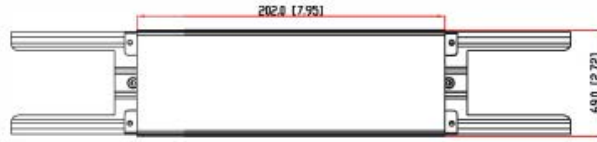


"Y'Joiner



Architectural LED Linear Fixture

"I" Joiner



Accessories

 <p>Surface-mounted kits</p>	 <p>Wall-mounted kits 1</p>	 <p>Wall-mounted kits 2</p>	 <p>Roll-out Lens</p>
 <p>Assembled T-Grid Clips</p>	 <p>Conduit-mounted kits</p>	 <p>Aircraft Cable</p>	 <p>Emergency Driver</p>
 <p>Canopy(for sensor)</p>	 <p>End Cap wisensor</p>	 <p>ALF-Cable Black</p>	 <p>ALF-Cable White</p>
	 <p>Recessed Mounting Kits</p>		

Packing /weight

	Inner box (L*W*H)	Outer box (L*W*H)	Qty/CTN (pcs)	N.W./pcs (lbs/kg)	G.W./CTN (lbs/kg)	Remark
2ft	24.3"* 3.8"*4.3" 618*97*110mm	24.9"* 16.1"*14.5" 633*410*368mm	12	2.98/1.35	38.1/17.3	With inner box
4ft	46.9"* 3.8"*4.3" 1190*97*110mm	47.4"* 16.1"*14.5" 1205*410*368mm	12	4.30/1.95	56.0/25.4	
8ft	91.9"* 3.8"*4.3" 2335*97*110mm	92.5"* 12.2"* 9.8" 2350*310*250mm	6	8.16/3.70	58.4/26.5	