LED Pendant Light

Product Appearance

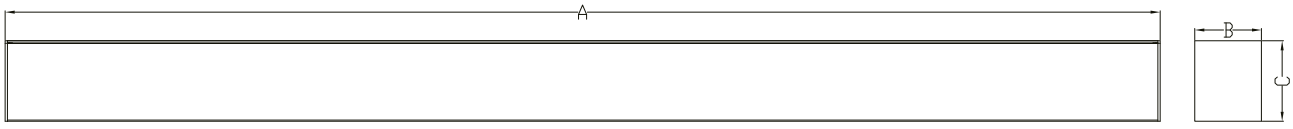
Gray, White, Black optional

Intertek 5027544 | DLC LISTED | 5 Years Warranty | DIMMERS | CCT TUNABLE | WATT TUNABLE

Product Features

- 1. Certification: ETL, DLC
- 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: 100-277VAC .
- 6. Surface mounting installation.SuspenSion,Wall mounting, Can be Row connettion.
- 7. Five years' warranty.
- 8. Color: gray, white, black optional
- 9. Switch control the up part: 100%, 70%, 50%, off
- 10. The upper and lower sides emit light at the same time, with the brightness of upper side is 30% and the brightness of below side is 70%.

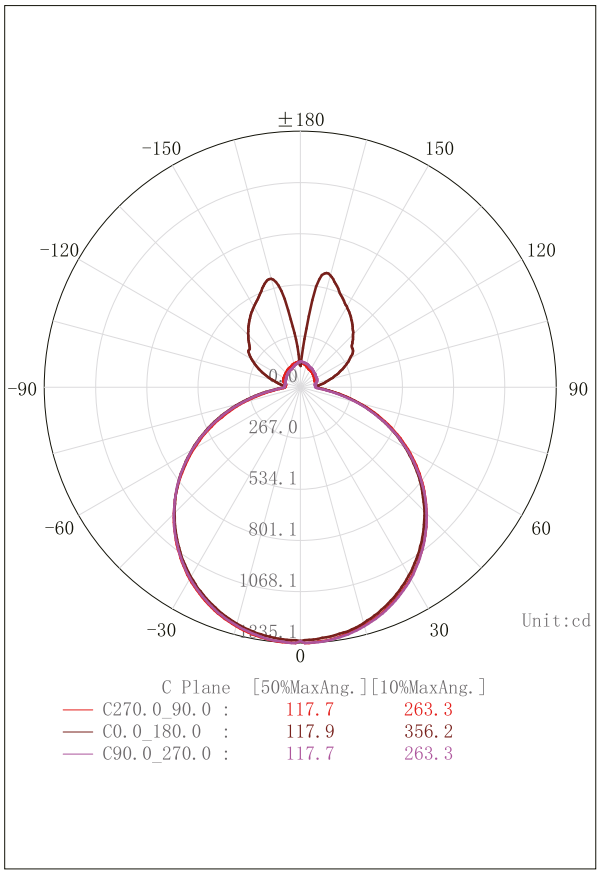
Product Dimension

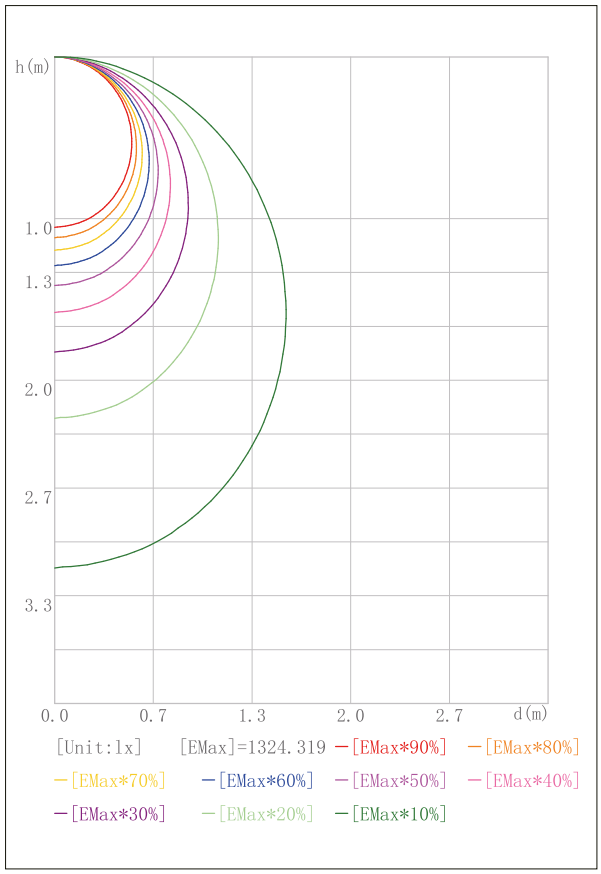


Mode	size	A (inch)(mm)	B (inch)(mm)	C (inch)(mm)
LA-S25W-2CS35U	2FT	23.94" 608mm	2.76" 70mm	3.28" 82mm
LA-S50W-4CS35U	4FT	47.56" 1208mm	2.76" 70mm	3.28" 82mm
LA-S80W-8CS38U	8FT	95.20" 2418mm	2.76" 70mm	3.28" 82mm

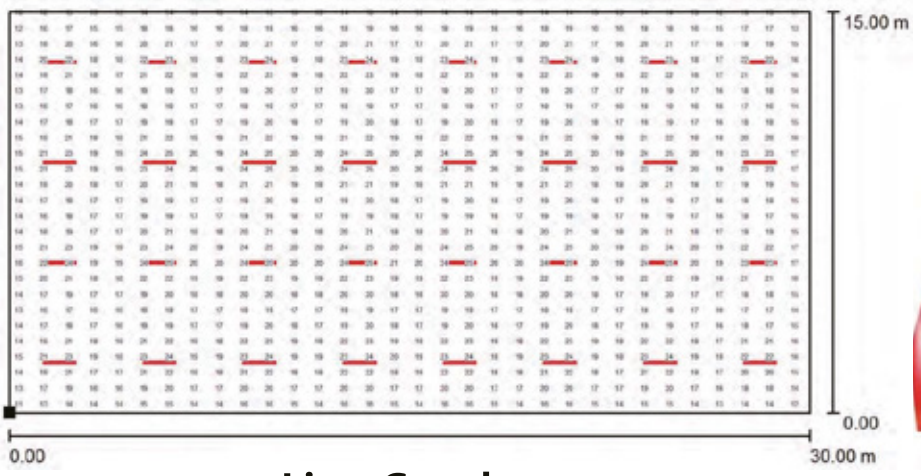
Testing Report

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM





Simulation chart



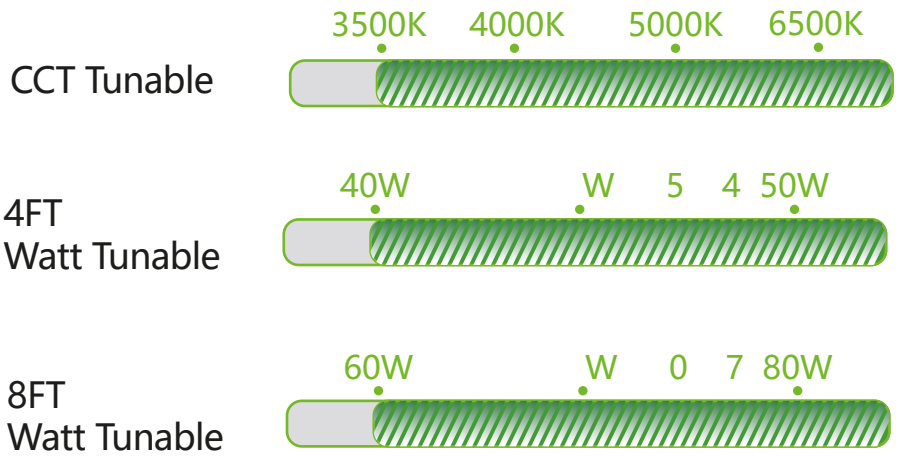
Line Graph

Thermal Imaging

ILUMIA | A smarter way to light up your business!

Specification

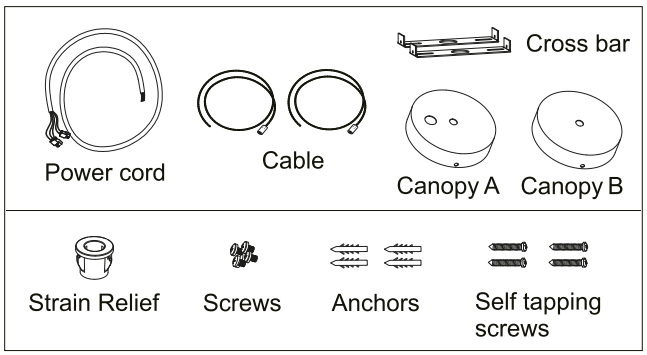
Mode	Size	Power	Input Voltage	Dimmable	PF	Luminous efficiency	Ra	CCT
LA-S50W-4CS35U	4FT	40/45/50W	AC100-277V	0-10V	>0.9	130lm/w	80	3500K-4000K-5000K-6500K
LA-S80W-8CS35U	8FT	60/70/80W	AC100-277V	0-10V	>0.9	130lm/w	80	3500K-4000K-5000K-6500K



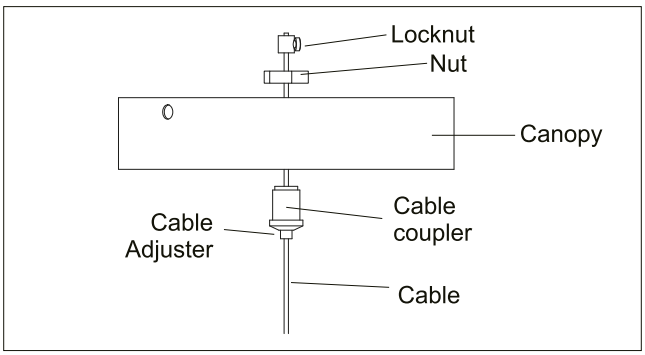
Installation

Pendant Mounting, Drywall Ceiling(off grid)

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

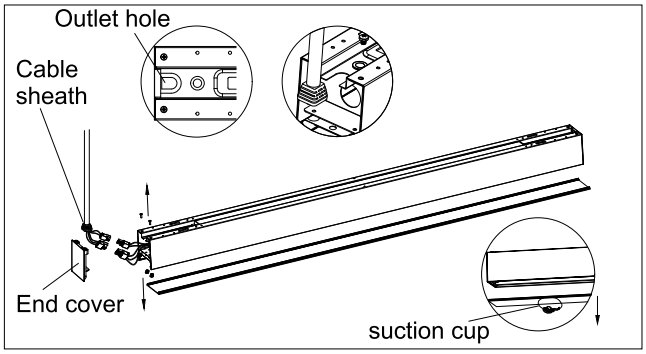


2.Fix cable to canopies.
Release locknut, pass the cable through the Canopy A and tighten the nut to fix the cable. Repeat to fix cable to Canopy B.

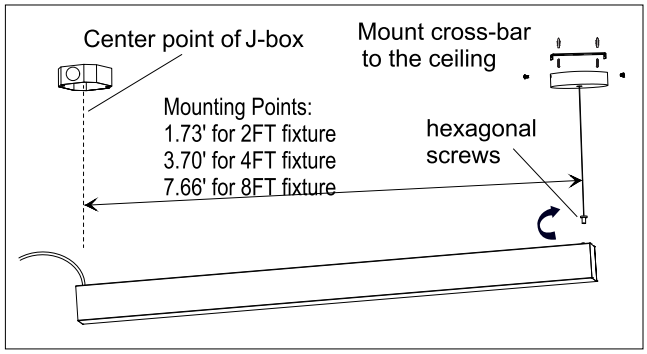


Installation

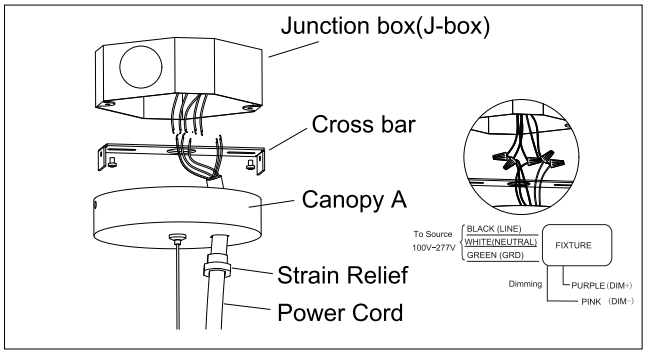
3. Attatch Power cord to the fixture.
Remove down-light lens with suction cup. Remove the end-cover nearby the outlet hole by removing the 4 screws as shown.Connect power cord to the connector inside housing and fix it to outlet hole with Rubber cable sheath. Then reinstall the end cover.



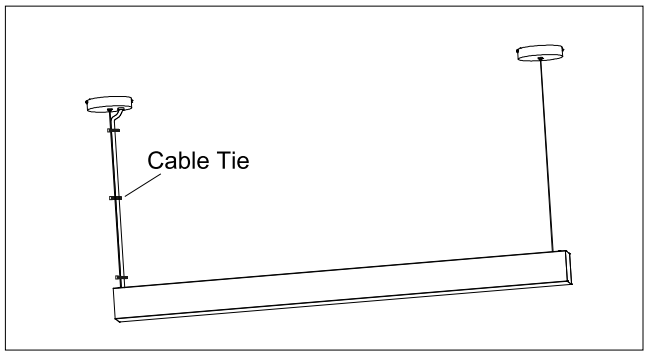
4.Install canopy B and hang the fixture right end.
Install the canopy B after positioning the mounting holes with positioning plate. Hang the right end of fixture with cable and adjust to desired height. Make sure that the fixture is securely hung.



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.



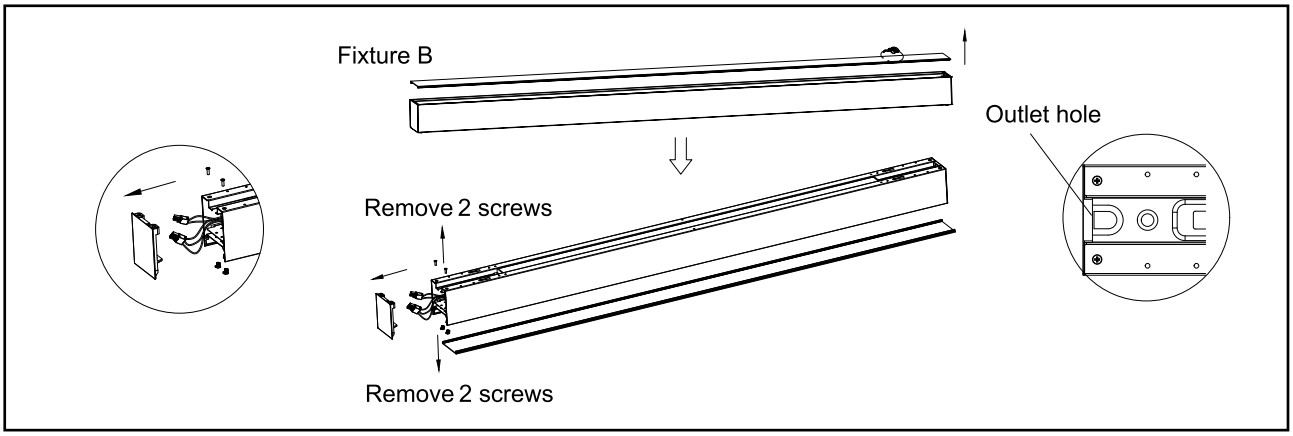
6.Hang the fixture left end.
Make sure that the fixture is securely hung. The installation is completed.



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

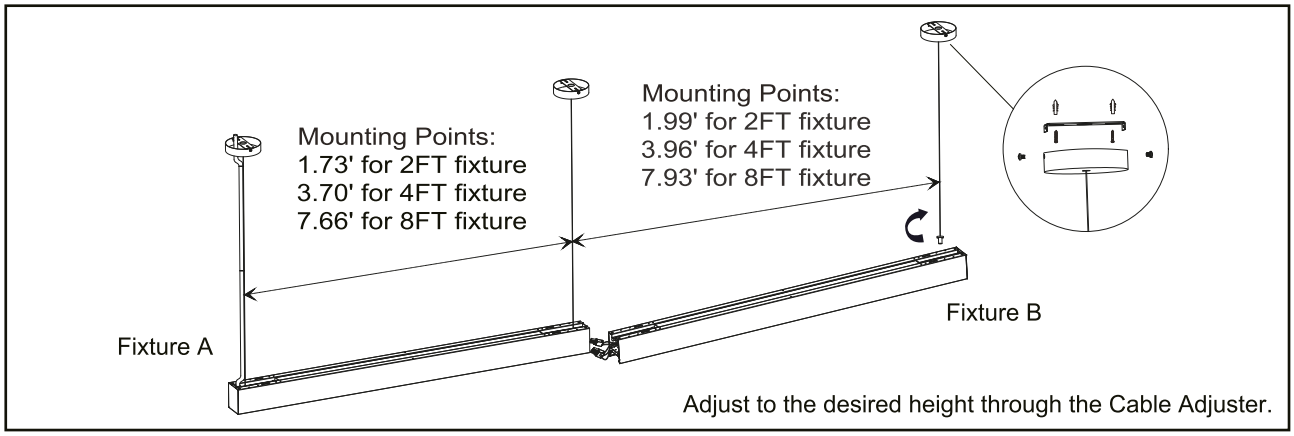
Row Connection

1.Use suction cup to remove the diffuser of Fixture B to be connected, then remove the plastic end-cover nearby the outlet hole, and take out the wire connectors.

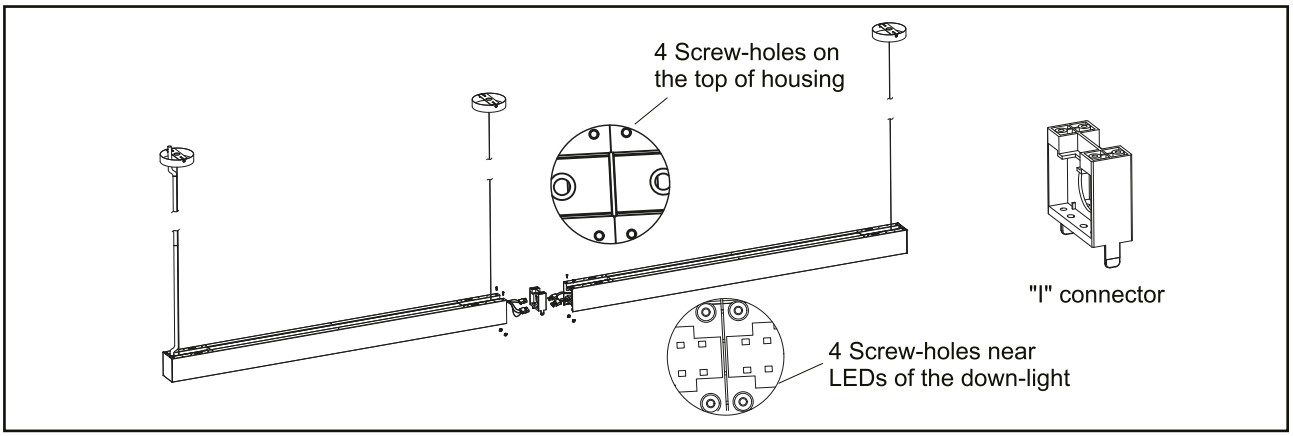


Installation

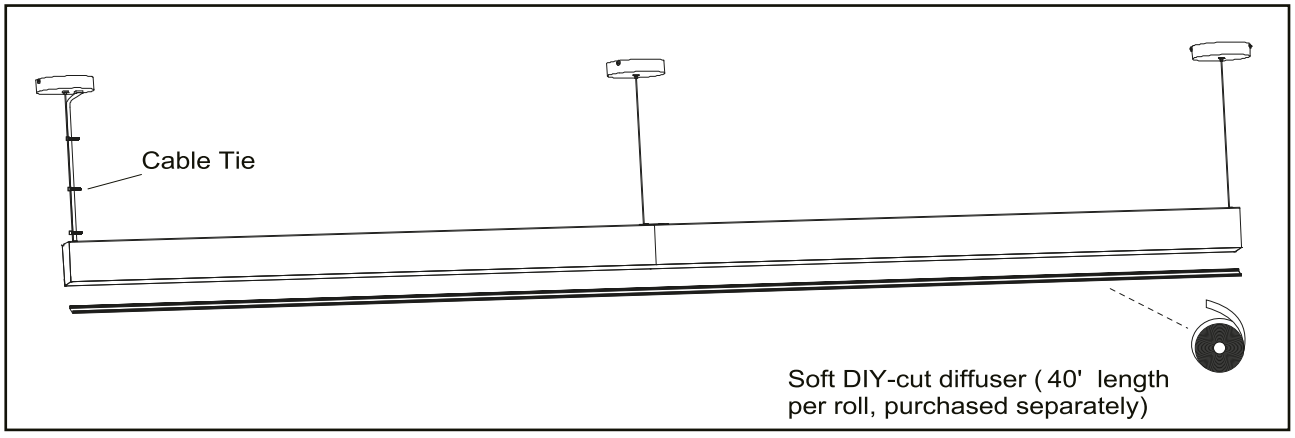
2.Install the cross-bar and canopy to the ceiling after positioning the mounting holes. Hang the right end of fixture B with cable and adjust to the desired height. Make sure that the fixture is securely hung.



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.Cut the soft lens into a suitable length(refer to the Diffuser Length Table) , and install it to the channel of the fixture housing for seamless continue run.



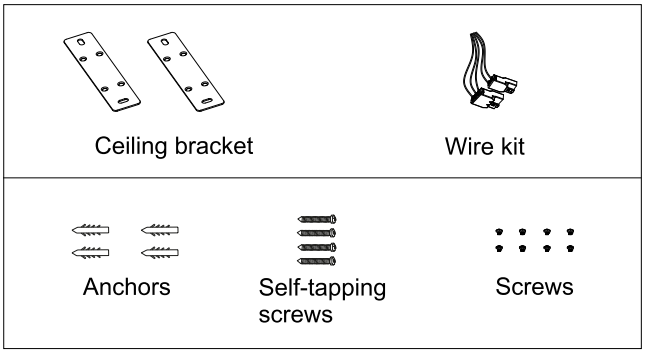
Diffuser Length Table(for seamless continuous run)

Fixture length	2 fixtures connection	3 fixtures connection	4 fixtures connection	5 fixtures connection	6 fixtures connection	7 fixtures connection	8 fixtures connection	9 fixtures connection	10 fixtures connection
4 FT	95.12"	142.68"	190.24"	237.80"	285.35"	332.91"	380.47"	428.03"	475.59"
8 FT	190.39"	285.59"	380.79"	475.98"	/	/	/	/	/

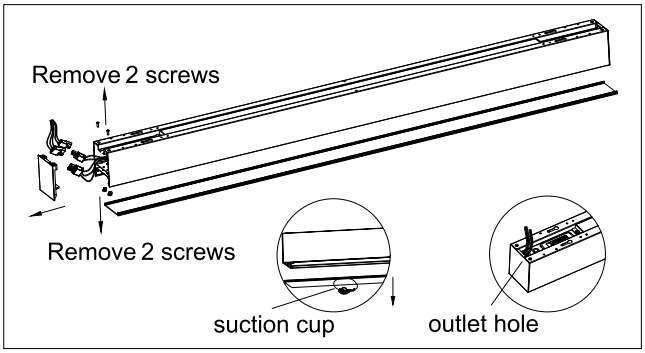
Surface mounting in the ceiling

Before installation

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

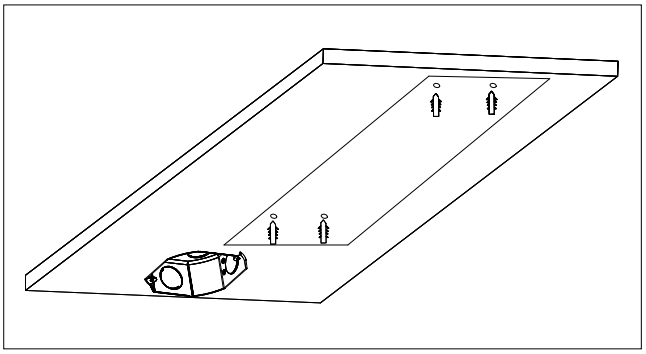


2.Remove the end-cover nearby the outlet hole and connect Wire kit to the fixture, then reattach the end-cover after passing the wires through the outlet hole.

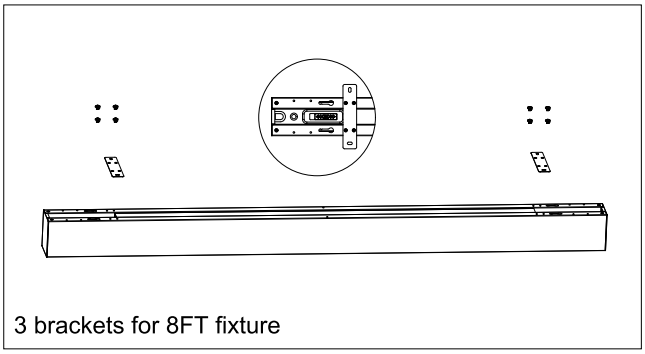


Method A: Surface mounting with brackets

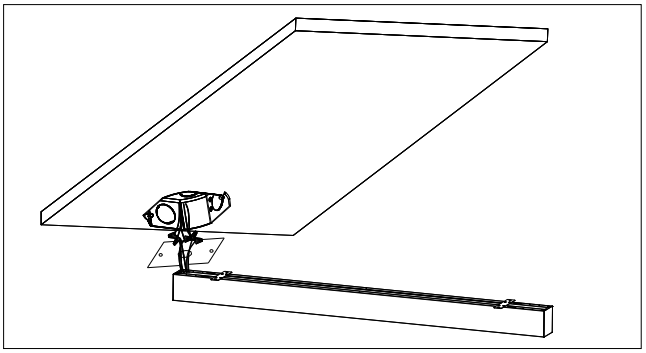
1.After positioning, drill holes in the ceiling and install anchors.



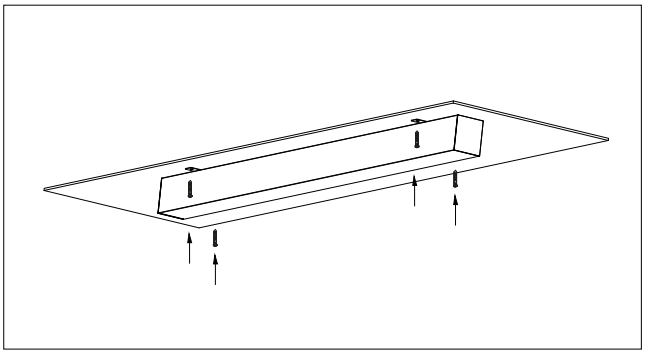
2.Fix the 2 brackets to the fixture back with provided screws.



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



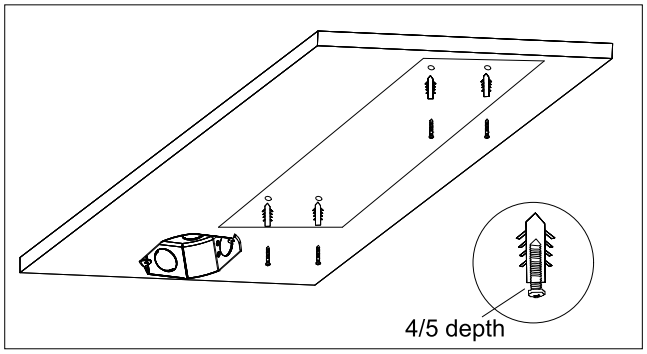
4.Finally, screw in 4 screws as shown to ensure the fixture hung in the ceiling firmly.



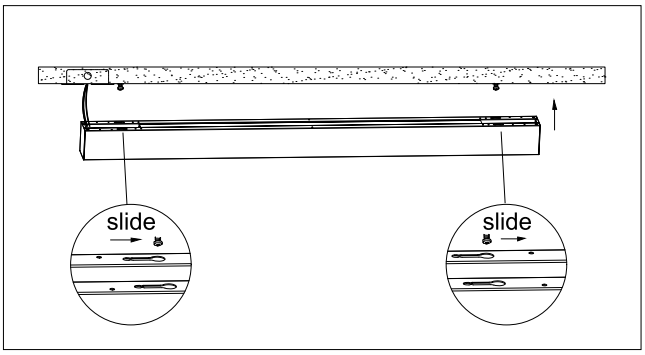
CAUTION Please isolate two dimming wires(pink and purple) by P2 terminal individually if no need dimming; MUST connect wires with corresponding colors.

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.

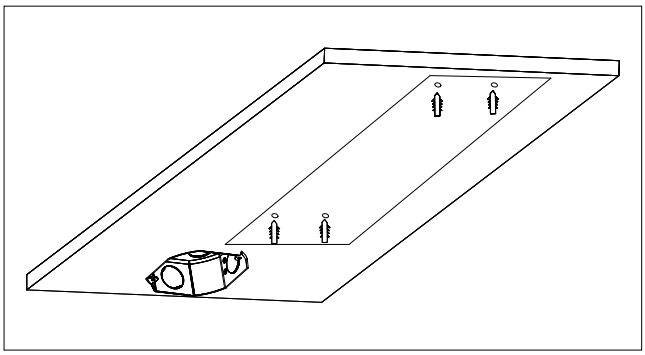


2.Do wiring connection to Main Power as required by code and local regulations. Hang fixture to the screw heads and slide fixture to right to make it hung firmly.

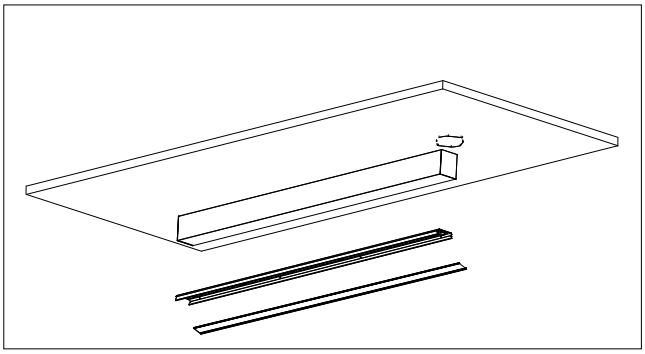


Method C: Surface mounting without brackets

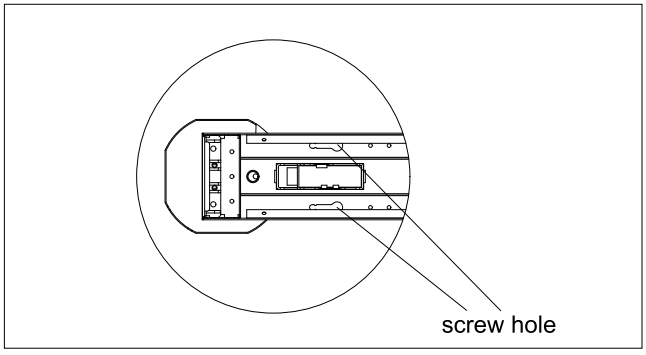
1.After positioning, drill holes in the ceiling, insert 4 anchors.



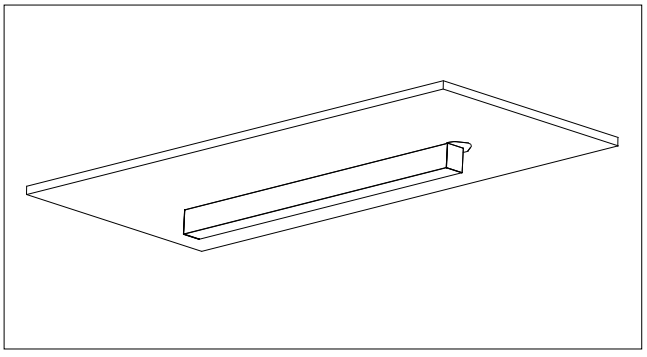
2.Remove the diffuser and LED tray. Do wiring connection to Main Power as required by code and local regulations. After connections push all wires and wire nuts inside junction box.



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.

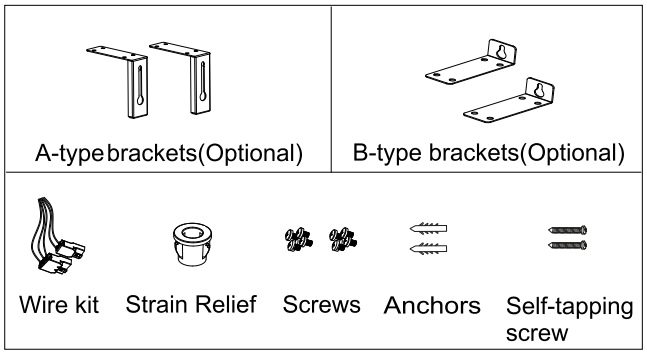


Please isolate two dimming wires(pink and purple) by P2 terminal individually if no need dimming; MUST connect wires with corresponding colors.

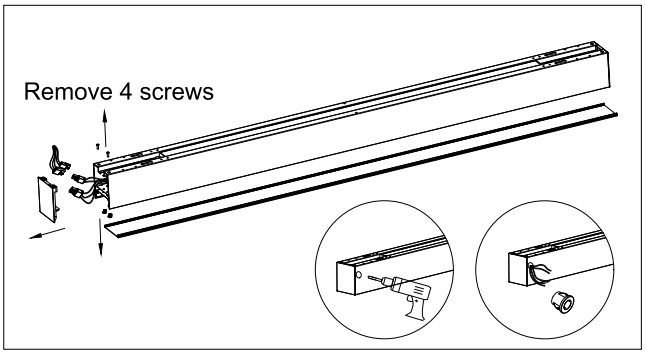
Wall mouting

Before installation

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

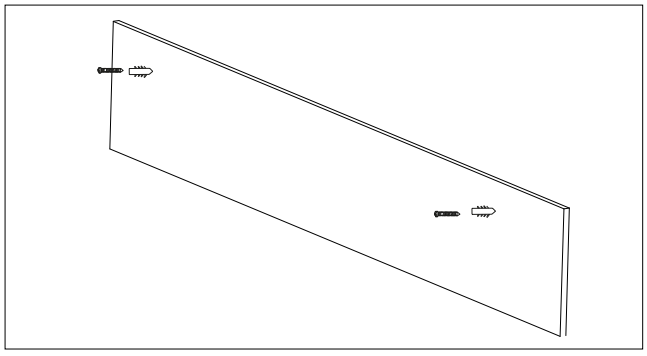


2.Remove the end-cap and connect the Wire kit to the fixture.Drill a 0.39" diameter hole on side of the fixture, fix the Strain Relief to the hole and pass the wires through the hole.

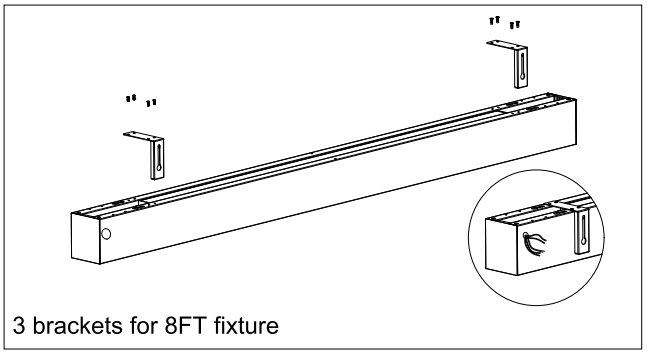


Method A : Wall mouting with A-type brackets

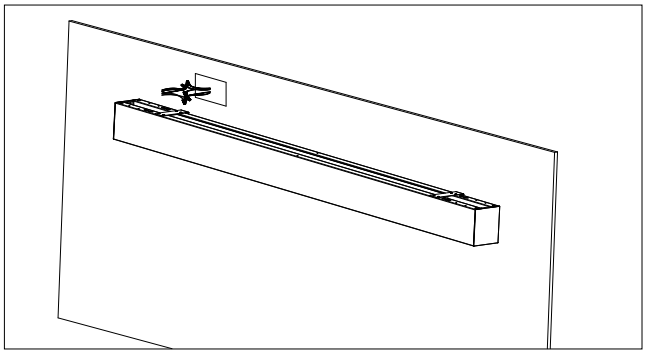
1.After positioning, drill holes in the wall, install 2 anchors, and screw in the screws to 4/5 depth.



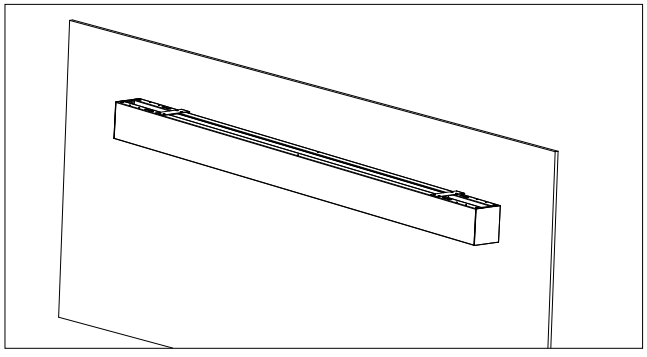
2.Fix the brackets to the upper surface of the housing with screws.



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.

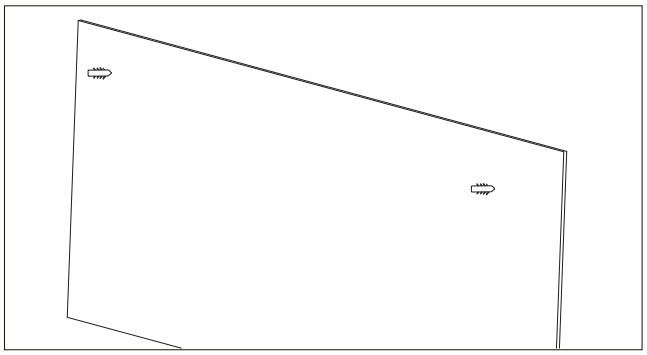


4.Snap the holes on the bracket onto the screw heads, slide the fixture down to ensure it hung firmly.

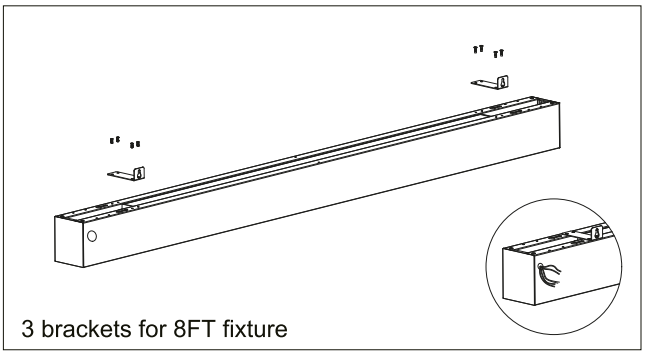


Method B : Wall mouting with B-type brackets

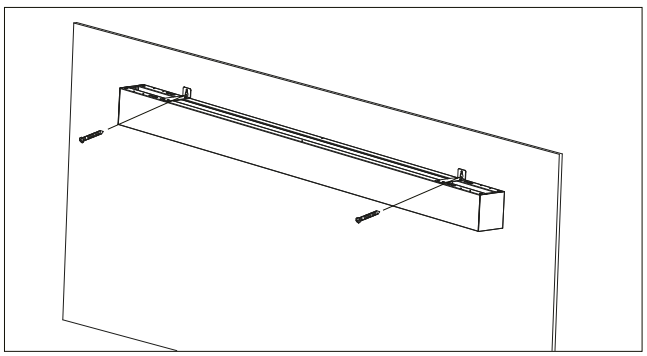
1.After positioning, drill holes in the wall, install 2 anchors.



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



3.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

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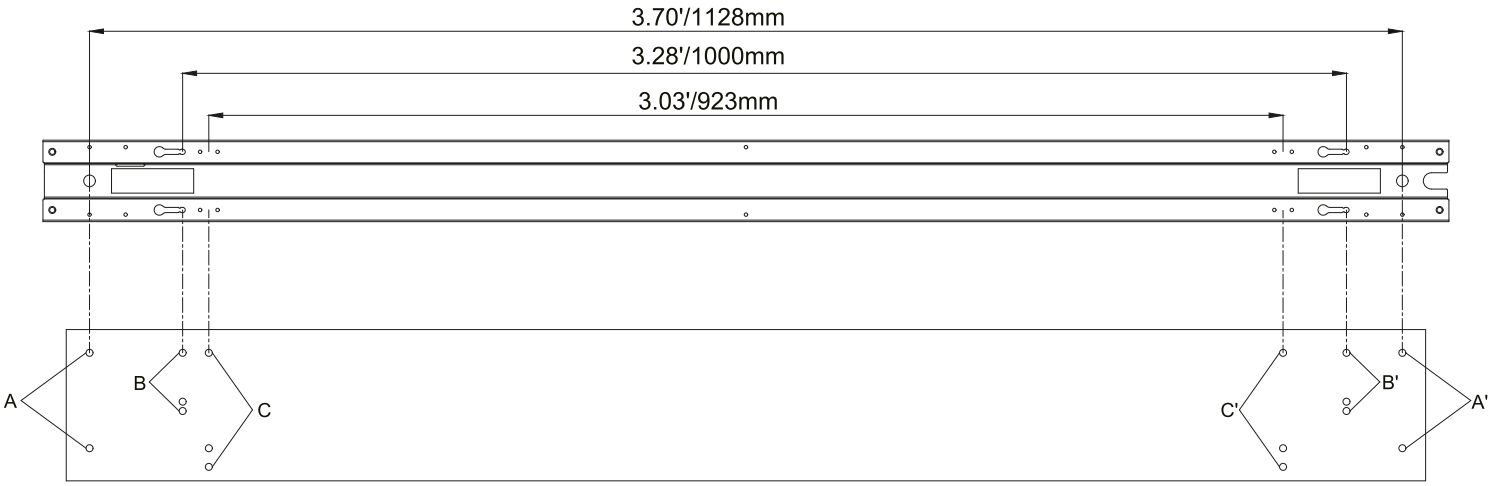
MUST connect wires with corresponding colors.

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

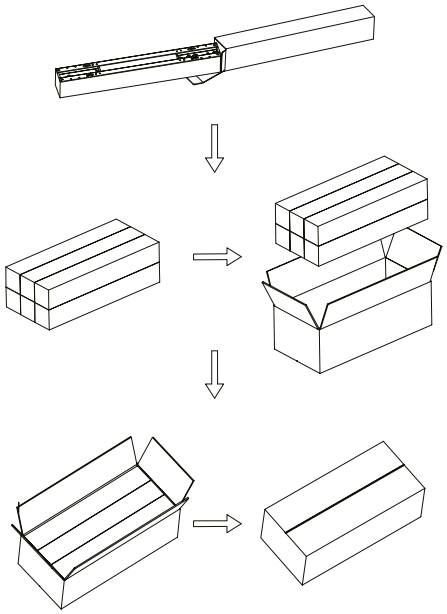
The Installation must be carried out by a qualified electrician.

Packing/weight

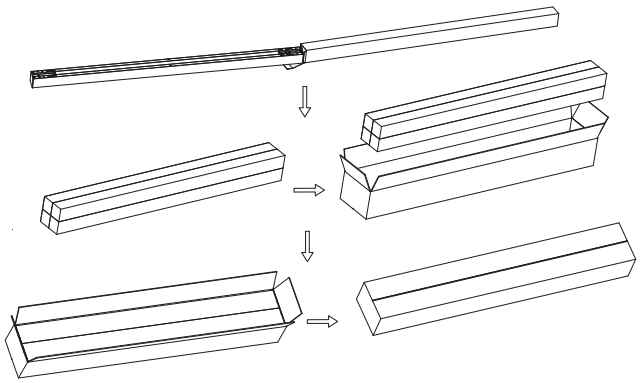
Part NO.	Outer Carton Size (LxWxH)	Qty/Carton (pcs)	Net weight (kg)(lbs)	Gross weight (kg)(lbs)	20GP (QTY)	40HQ (QTY)
LA-S50W-4CS35U	(1389*167*201mm) (54.69”*6.57”*7.91”)	4PCS	3.6kg 7.94 lbs	18.2kg 40.12 lbs	2336 pcs	5512 pcs
LA-S80W-8CS38U	(2460*160*135mm) (96.85”*6.3”*5.31”)	2PCS	6.4kg 14.11 lbs	17kg 37.48 lbs	1002pcs	2366pcs

Packing

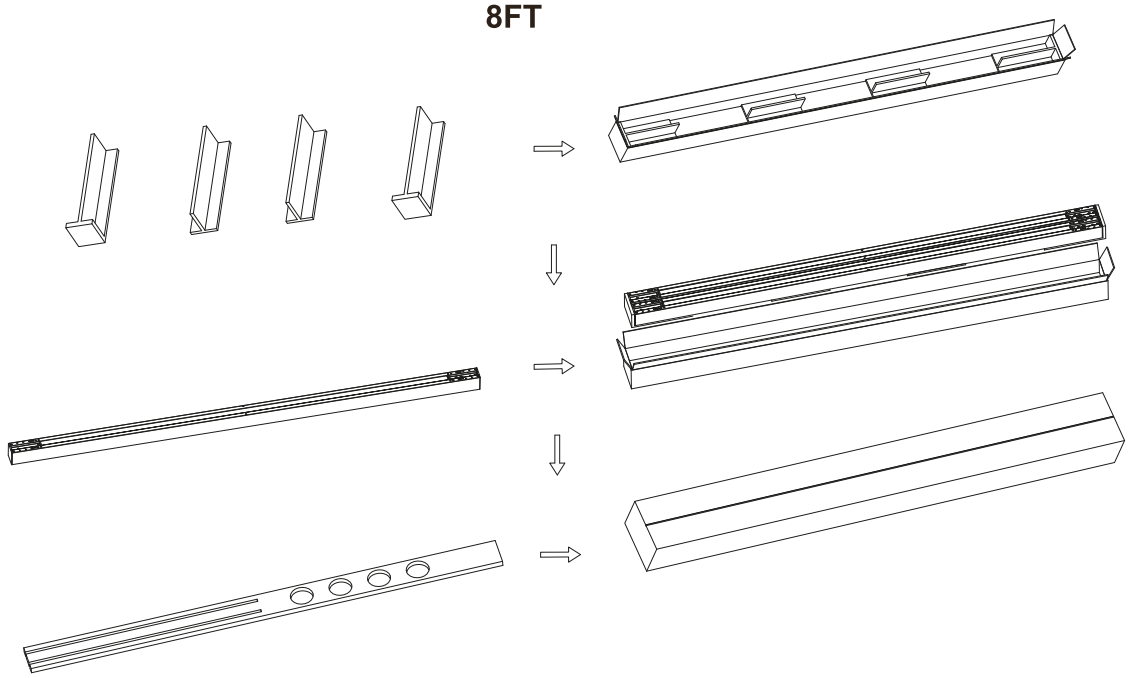
2FT



4FT



8FT



Optional Accessories

connector

Application

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 temperature:-4°F~104°F, storage temperature:-22°F~140°F.

ILUMIA™

Company Name: 4 Winds International LLC

Email: info@ilumialed.com

Tel: 346 6315821 / 346 6315824

Web: www.ilumialed.com

Address: 600 Fallbrook Drive Houston, TX 77038