



LSE II SERIES

LINEAR STRIP LIGHT

INTRODUCTION

Designed for modern-style commercial and indoor spaces — such as offices, schools, hospitals, supermarkets and warehouses — the LSE II Series Linear Light delivers soft, uniform illumination for general-purpose lighting requirements.

Integrated with premium LED components, this linear luminaire supports 0-10V dimming and wide universal voltage input, bringing flexible brightness adjustment and stable performance. Its slim linear profile avoids uneven lighting and dark zones, creating comfortable glare-free lighting environment for daily office work, medical treatment and retail display, while realizing remarkable energy-saving compared with traditional lighting solutions.

Supporting daisy-chain connection, the fixture enables quick 1-minute replacement. It offers both suspension and surface-mount installation options, supplied in 2ft, 4ft and 8ft size options and backed by a 5-year warranty for long-term reliable operation across diverse application scenarios.



NOM **FC** **RoHS** **IP20**

LM-79 **LM-80** **TM-21** **ISTMT** **IEC**

FEATURES



Wattage Selectable: Multi-wattage options in a single fixture for flexible applications and reduced inventory.



Daisy-Chain Quick Replacement: Supports daisy-chain connection, enables fixture swap within 1 minute, cuts installation and maintenance labor to lower total operating costs.



CCT Tunable: Adjustable color temperature to suit diverse environments.



Smart Control Ready: Compatible with 0-10V/DALI dimming, optional microwave/infrared sensor, and emergency kit.



High Efficacy & Energy Saving: Up to 140 lm/W, reducing energy consumption by over 60% compared with HID fixtures.



Reliable Warranty: 5 Years Warranty.

- Advanced Optical Design:

High-transmittance PC lens with 120° beam options, ensuring uniform illumination and glare reduction.

- Robust Protection:

IK08 impact resistance for harsh industrial environments.

- Superior Thermal Management:

Cold rolled metal housing with optimized heat sink for reliable performance.

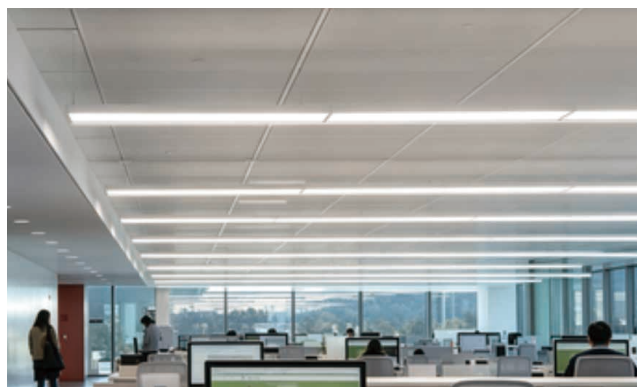
- Versatile Mounting Options:

Supports surface-mounted and suspended installation for flexible deployment.

- Wide Input Voltage:

AC120-277V, AC120-347V, suitable for global power grids.

APPLICATIONS



Office Spaces: Provides uniform, low-glare lighting for long-time comfortable office work.

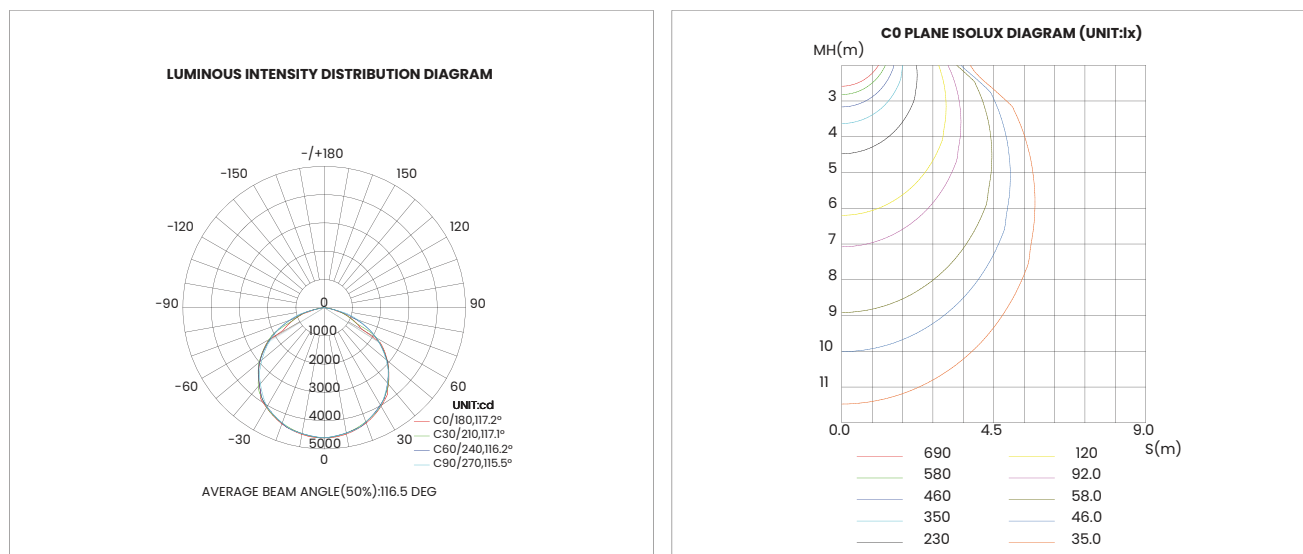


Supermarkets & Shopping Malls: Create a bright, inviting atmosphere with uniform, glare-free illumination.

TECHNICAL PARAMETERS

Product Model	LSEII-25W	LSEII-50W	LSEII-80W	LSEII-100W
Length	2FT	4FT	8FT	8FT
Electrical Performance				
Wattage Selectable	25W/20W/15W	50W/40W/30W	80W/64W/50W	100W/80W/60W
Input Voltage	AC120-277V, AC120-347V	AC120-277V, AC120-347V	AC120-277V, AC120-347V	AC120-277V
Frequency	50/60Hz	50/60Hz	50/60Hz	50/60Hz
Power Factor (PF)	>0.9	>0.9	>0.9	>0.9
Surge Protection	4KV	4KV	4KV	4KV
THD	<20%	<20%	<20%	<20%
Optical Performance				
Luminous Efficacy	140lm/W	140lm/W	140lm/W	140lm/W
Luminous Flux	3500lm/2800lm/2100lm	7000lm/5600lm/4200lm	11200lm/8960lm/7000lm	14000lm/11200lm/8400lm
CCT Selectable	3500K/4000K/5000K	3500K/4000K/5000K	3500K/4000K/5000K	3500K/4000K/5000K
CRI	Ra>80	Ra>80	Ra>80	Ra>80
Beam Angle	120°	120°	120°	120°
Unified Glare Rating (UGR)	<28	<28	<28	<28
Reliability				
Lifetime	>100,000h	>100,000h	>100,000h	>100,000h
Operating Temperature	-20 ~ +45°C	-20 ~ +45°C	-20 ~ +45°C	-20 ~ +45°C
Storage Temperature	-40 ~ +70°C	-40 ~ +70°C	-40 ~ +70°C	-40 ~ +70°C
Ingress Protection	IP20	IP20	IP20	IP20
Impact Resistance	IK08	IK08	IK08	IK08
Control				
Dimming	0-10V/DALI	0-10V/DALI	0-10V/DALI	0-10V/DALI
Sensor	-	-	-	-
Communication Protocol	-	-	-	-
Emergency Kit	-	-	-	-
Mechanical				
Housing Material	Cold rolled metal	Cold rolled metal	Cold rolled metal	Cold rolled metal
Lens Material	Polycarbonate	Polycarbonate	Polycarbonate	Polycarbonate
Net Weight	0.84kg	1.6kg	3.35kg	3.35kg
Dimensions	610x75x82mm	1219x75x82mm	2436x75x82mm	2436x75x82mm
Warranty	5 Years	5 Years	5 Years	5 Years

PHOTOMETRICS



MECHANICAL DIMENSIONS



Packing A

Size	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	24.4"*2.95"*2.79" 620*75*71mm	25"*12.68"*9.25" 635*322*235mm	12	1.98/0.9	27.72/12.6	With inner box
4ft	48.4"*2.95"*2.79" 1230*75*71mm	49.0"*12.68"*6.38" 1245*322*162mm	8	3.3/1.5	30.36/13.8	
8ft	96.3"*2.95"*2.79" 2446*75*71mm	96.9"*6.61"*6.38" 2461*168*162mm	4	6.16/2.8	28.6/13	



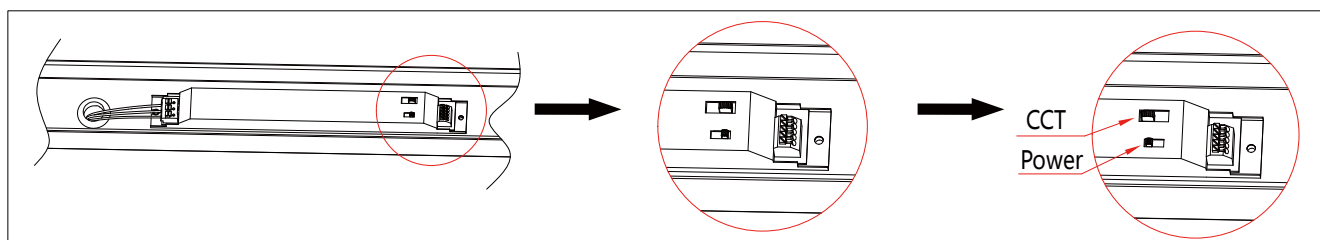
Packing B

Size	Outer box (L*W*H)	Qty/CTN (pcs)	N.W./pcs (lbs/kg)	G.W./CTN (lbs/kg)	Remark
2ft	24.6"*11.3"*8.46" 625*287*215mm	12	1.76/0.8	25.08/11.4	Without inner box
4ft	48.6"*11.3"*5.83" 1234*287*148mm	8	3.08/1.4	28.6/13	
8ft	96.5"*5.91"*5.83" 2451*150*148mm	4	5.94/2.7	27.72/12.6	



INSTALLATION

CCT & Wattage Selectable

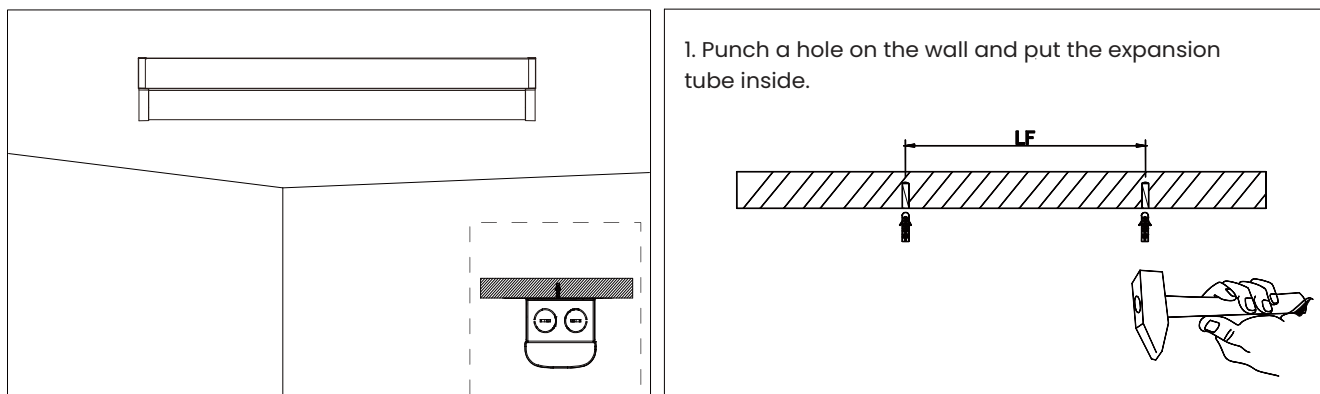


Surface-mounting Installation

Parts List

Surface mount kit --2ft (included)		
		
Parts: (1) J-box Adapter (2) Anchors (4) Screws		
Surface mount kit --4ft (included)		
		
Parts: (1) J-box Adapter (2) Anchors (4) Screws		
Surface mount kit --8ft (included)		
		
Parts: (1) J-box Adapter (4) Anchors (6) Screws		

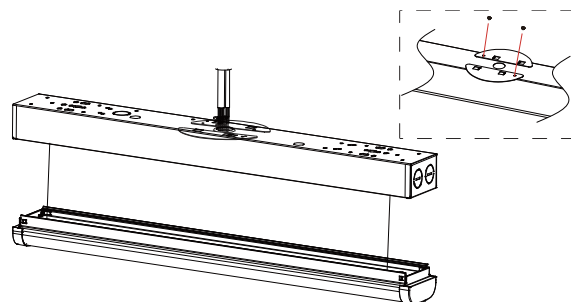
Installation Instructions



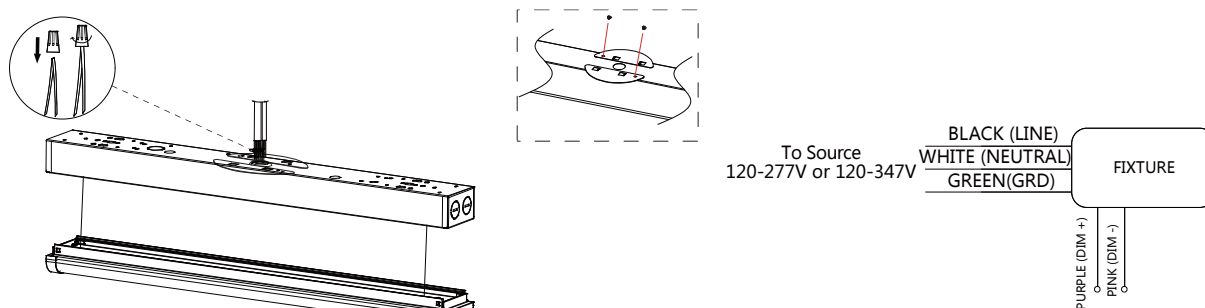
2. Swing open fixture by pushing in/squeezing both buttons located on opposite ends.



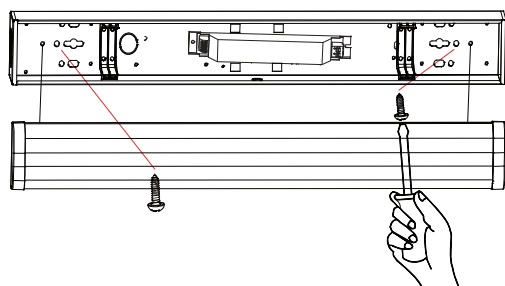
3. Run the fixture's power wires through the center hole of the round J-box adapter. Slide and secure the round J-Box adapter on the center slots located on the back of the fixture.
Note: J-Box adapter is used to cover the Junction Box



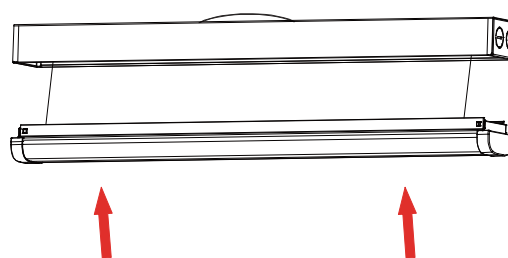
4. Turn off the power and make wiring by using wire nuts according to wiring diagram



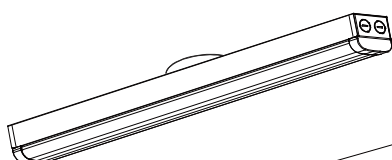
5. Secure the fixture to the wall with the correct mounting hardware



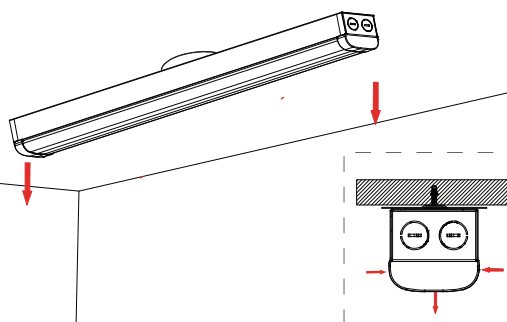
6. Press upward the cover and lock it with springs tightly which located into the fixture.



7. The installation is completed and energize the luminaire to verify operation.



8. Swing open fixture by pushing in/squeezing both buttons located on opposite ends, if need to disassemble the fixture

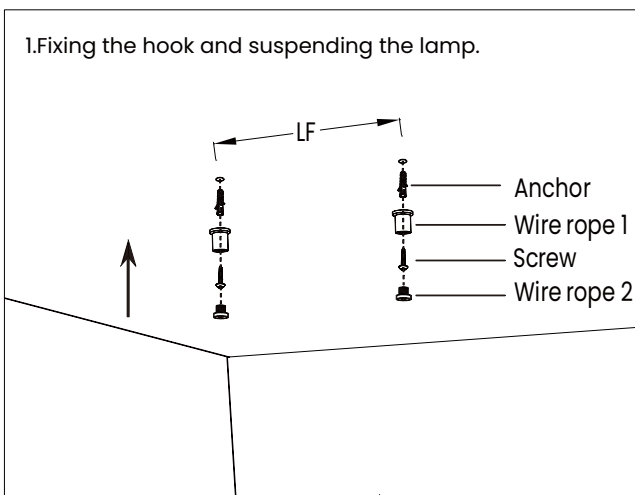
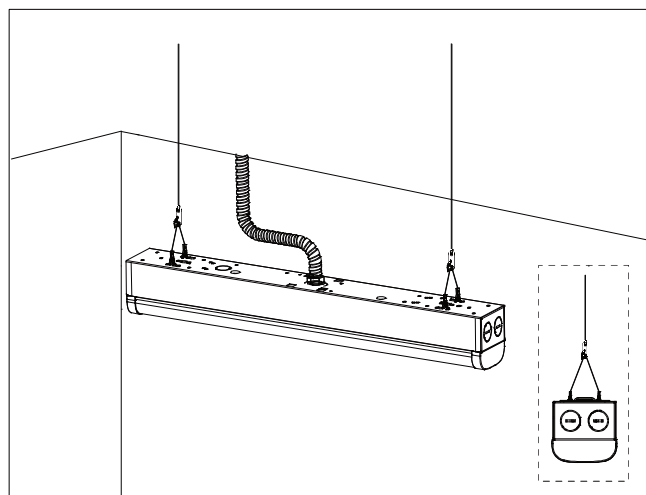


Suspending Installation

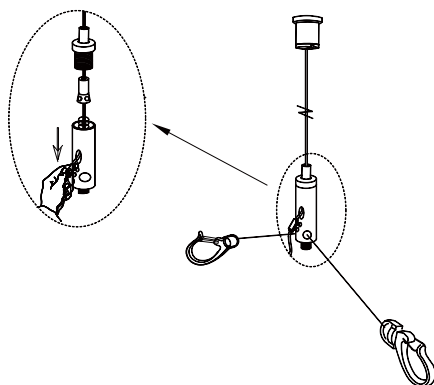
Parts List

Suspending installation -2FT(included)	
	Parts: (2) Safety Rope (2) Anchors (2) Screw
Suspending installation -4FT(included)	
	Parts: (2) Safety Rope (2) Anchors (2) Screw
Suspending installation -8FT (included)	
	Parts: (4) Safety rope (4) Anchors (4) Screw

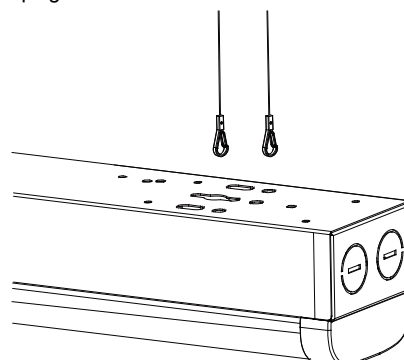
Installation Instructions



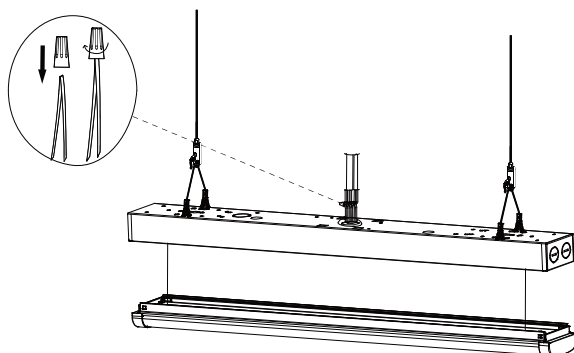
2. Adjusting the hanging rope length.



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



4. Turn off the power and wiring by using wire nuts.



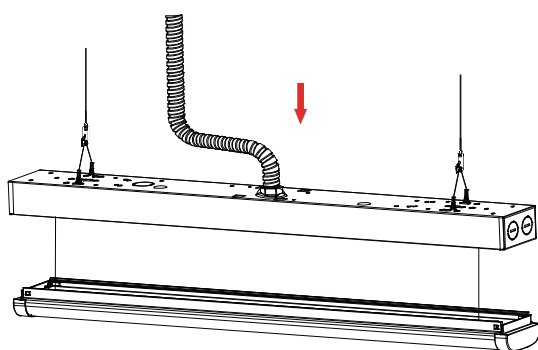
To Source
120V-277V/
120V-347V

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

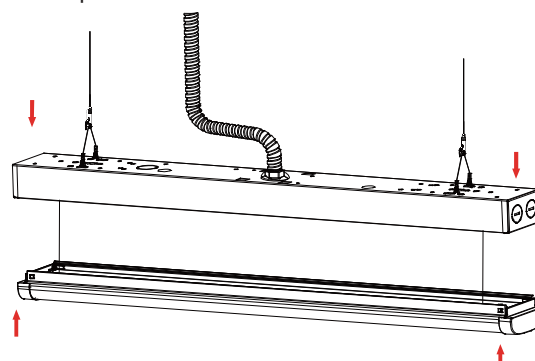
FIXTURE

PURPLE (DIM +)
PINK (DIM -)
Dimming

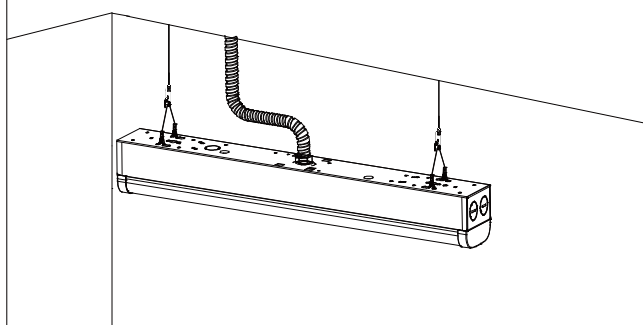
5. Insert the terminal block and wires into the lamp housing.



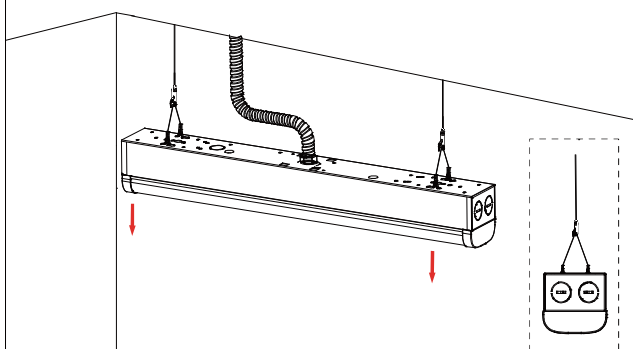
6. Press upward the cover and lock it.



7. The installation is completed and energize the luminaire to verify operation.



8. Swing open fixture by pushing in/squeezing both buttons located on opposite ends, if need to disassemble the fixture.



CONTINUOUS ROW MOUNTING

5G LED Strip Light Linkable QTY

Size	Watts	120V		277V		Suggested Linkable QTY
		Current	QTY	Current	QTY	
2FT	20W	0.18	27	0.08	60	≤ 15PCS
4FT	24W	0.22	22	0.09	53	≤ 10PCS
	32W	0.29	17	0.13	37	
	40W	0.37	13	0.16	30	
	30/40/50W	0.46	10	0.2	24	
8FT	40W	0.37	13	0.16	30	< 8 PCS
	50W	0.46	10	0.2	24	
	64W	0.6	8	0.26	18	< 7 PCS
	80W	0.73	7	0.32	15	

5G LED Strip Light Linkable QTY

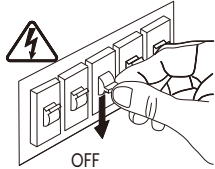
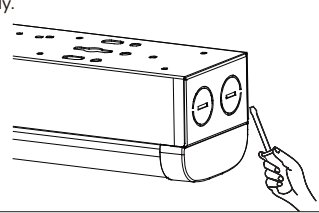
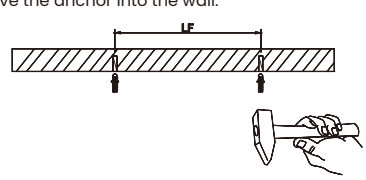
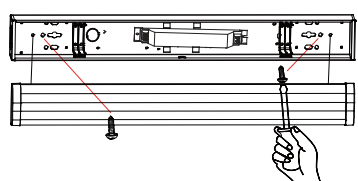
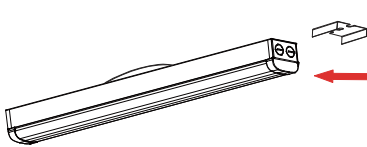
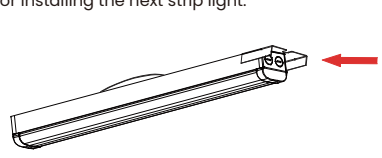
Size	Watts	120V		347V		Suggested Linkable QTY
		Current	QTY	Current	QTY	
2FT	20W	0.18	27	0.065	74	≤ 15PCS
4FT	24W	0.22	22	0.076	63	≤ 10PCS
	32W	0.29	17	0.1	48	
	40W	0.37	13	0.13	37	
	30/40/50W	0.46	10	0.16	30	
8FT	40W	0.37	13	0.13	37	< 8 PCS
	50W	0.46	10	0.16	30	
	64W	0.6	8	0.2	24	< 7 PCS
	80W	0.73	7	0.25	19	

Surface-mounting Continuous Row Mounting (Daisy Connection)

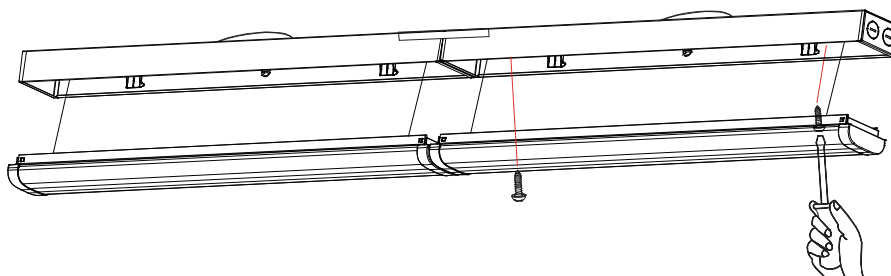
Parts List

Continuous Row Mounting-2\4FT(included)	
	Parts: (1) Connection Bracket (1) Harness set (5) Wire Nuts (2) Anchors (2) Screws (2) Self-adhesive Cable Ties
Continuous Row Mounting-8FT(included)	
	Parts: (1) Connection Bracket (1) Harness set (5) Wire Nuts (4) Anchors (4) Screws (2) Self-adhesive Cable Ties

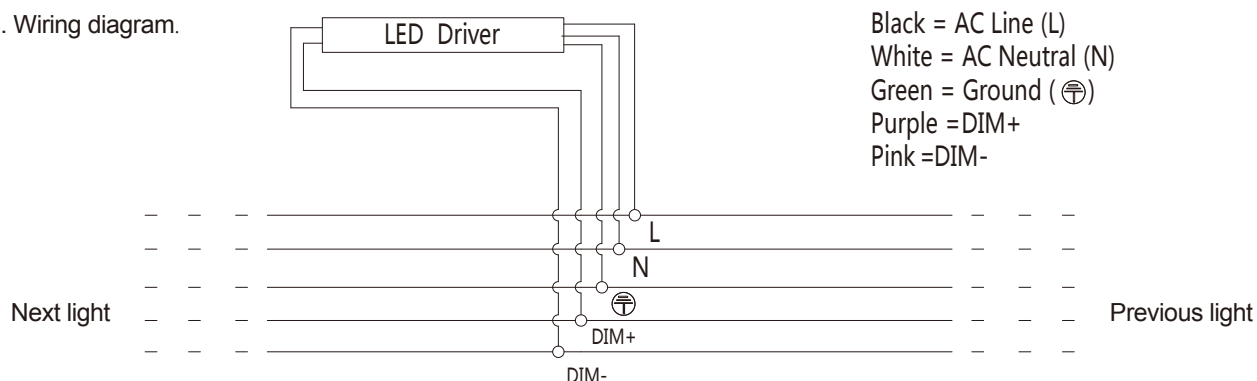
Installation Instructions

1. Turn off the power. 	2. Screwed off the knockout hole at the end of lamp body. 	3. Drill holes at a suitable position on the wall and drive the anchor into the wall. 
4. Use a screwdriver to tighten the screws to fix the lamp body on the wall. 	5. Fix the connection bracket on the wall. 	6. Insert the strip light into the connection bracket, then drill holes at a suitable position in the wall for installing the next strip light. 

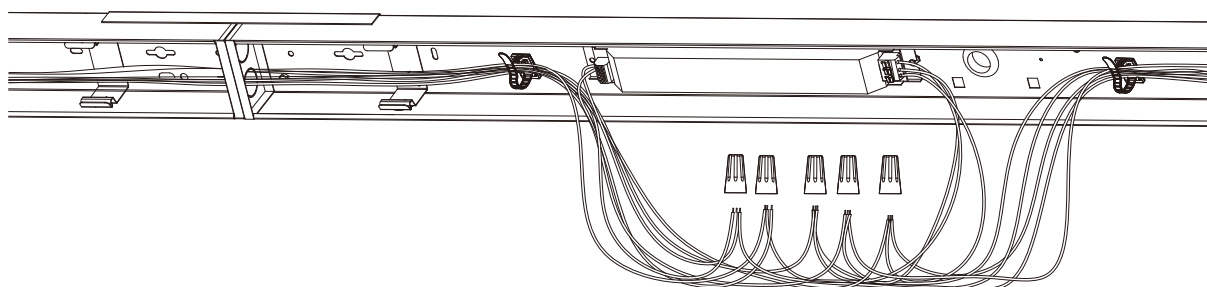
7. Fix the lamp body on the wall by screws, complete the installation; repeat the previous procedure to install the 3rd strip light, 4th strip light etc.



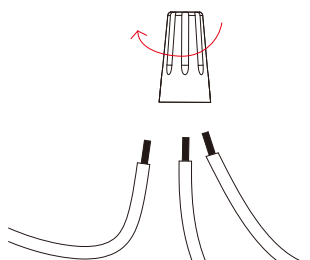
8. Wiring diagram.



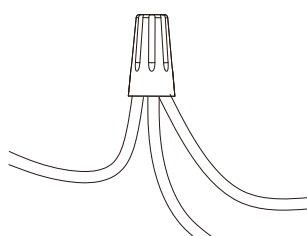
9. Take the black/white/green wire harness and connect to the existing wire connectors on the input wires of the driver respectively. When using the dimming function, take the purple and pink wire harness and make connection to driver. Please make wiring connection using the wiring diagram in Step 8.



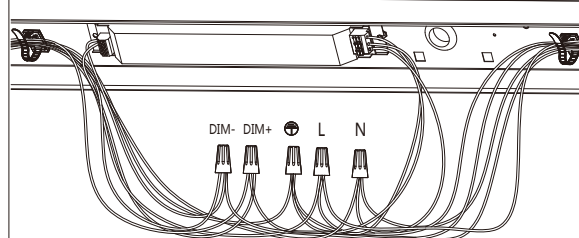
10. The same type of electronic wires are inserted into the same wire nut and combined into a parallel circuit.



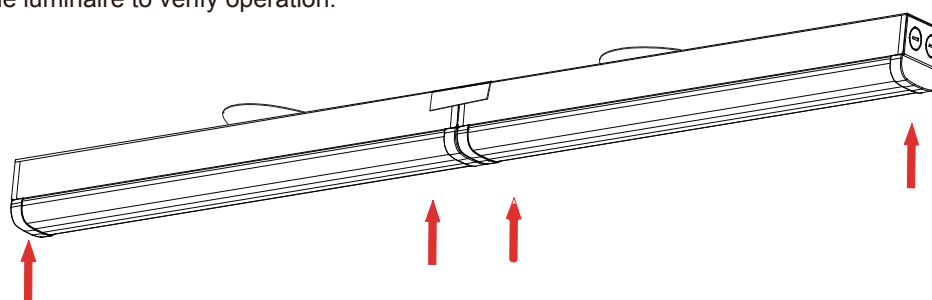
11. Tighten the wires in the wire nut as the photo shows below.



12. Once wiring is completed, take wire harness and run it through the knockouts of the connecting fixture. Use self-adhesive cable ties to eliminate any cable tangles and clutter.



13. Secure the LED Cover to the housing by pressing upward and lock it into the fixture. Energize the luminaire to verify operation.

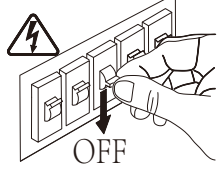
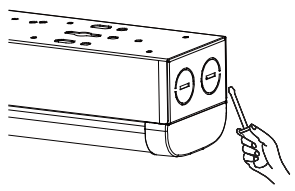
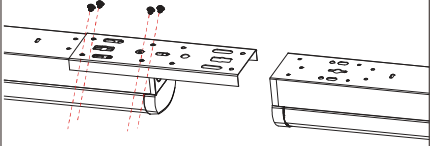
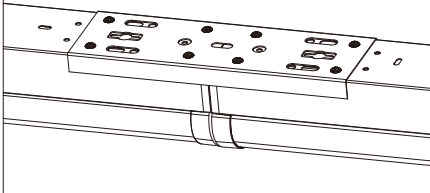
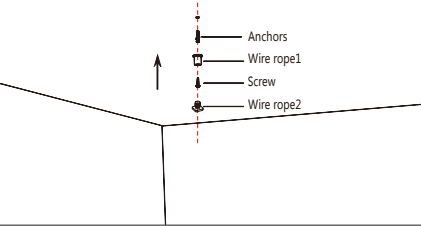
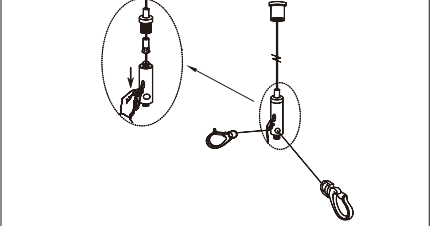
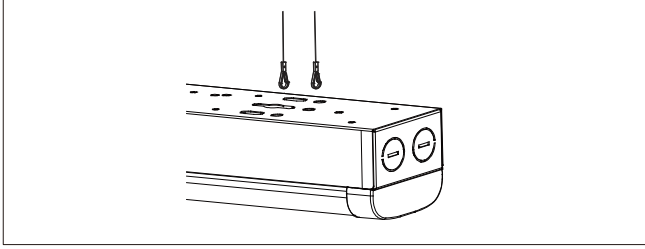
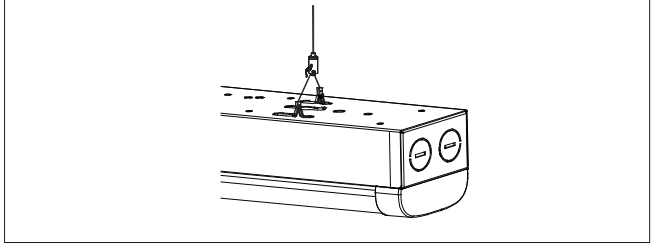
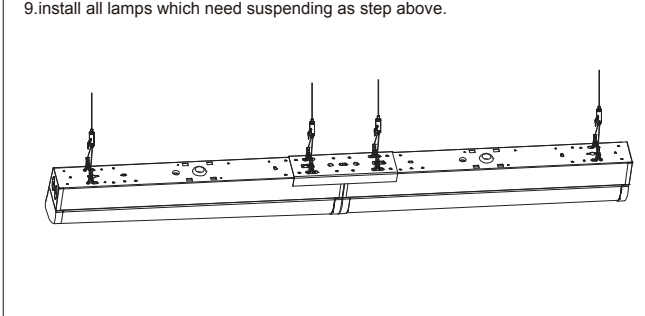
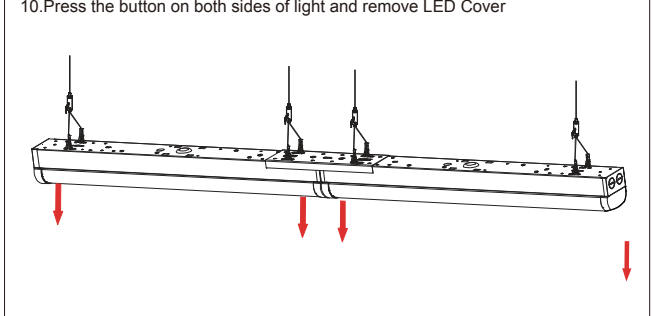


Suspending Continuous Row Mounting (Daisy Connection)

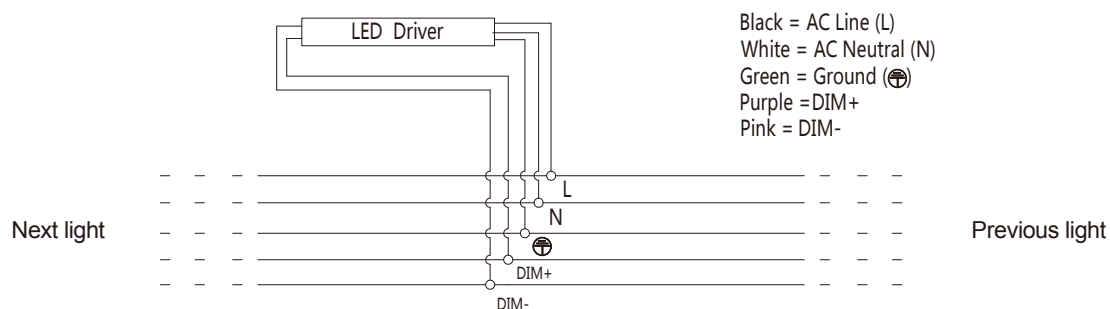
Parts List

Continuous Row Mounting-2\4FT(included)	
	Parts: (1) Connection Bracket (1) Harness set (5) Wire Nuts (2) Anchors (10) Screws (2) Self-adhesive Cable Ties (2) Safety Rope
Continuous Row Mounting-8FT(included)	
	Parts: (1) Connection Bracket (1) Harness set (5) Wire Nuts (2) Anchors (12) Screws (4) Self-adhesive Cable Ties (2) Safety Rope

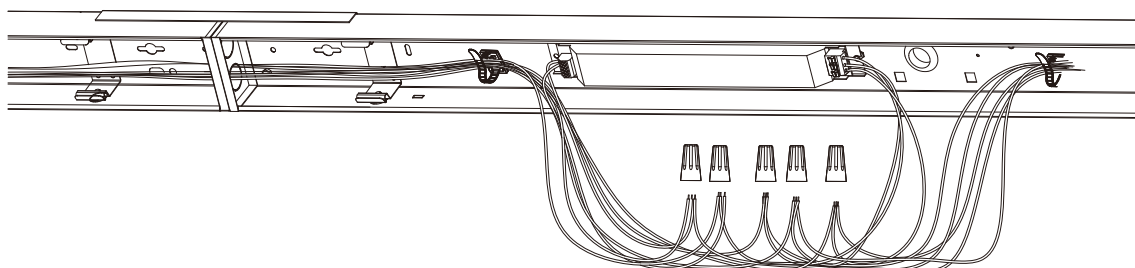
Installation instructions

- Turn off the power.

- Screwed off the knockout hole at the end of lamp body.

- Fix the connection bracket at the end of one lamp with screw.

- As shown, the drawing of connecting finished.

- drill holes on the wall as well as lock the accessories orderly (as shown).

- Adjust the length of safety rope rope after locked.

- Lift up the light, fasten the hooks to the lamp.

- Finished safety rope installation as shown.

- install all lamps which need suspending as step above.

- Press the button on both sides of light and remove LED Cover


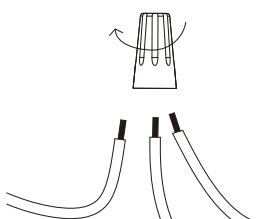
11. Wiring diagram.



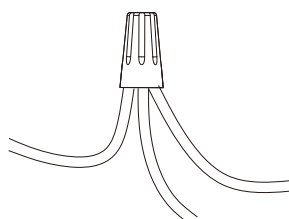
12. Take the black/white/green wire harness and connect to the existing wire connectors on the input wires of the driver respectively. When using the dimming function, take the purple and pink wire harness and make connection to driver. Please make wiring connection using the wiring diagram in Step 11.



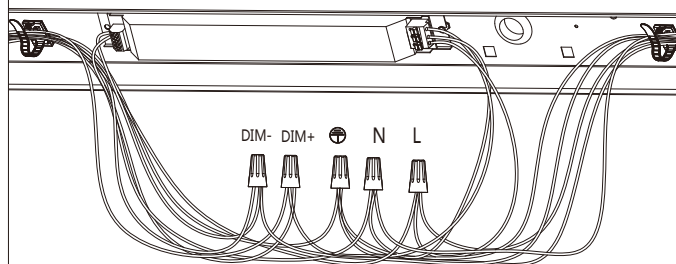
13. Insert the electronic wire into the wire nut.



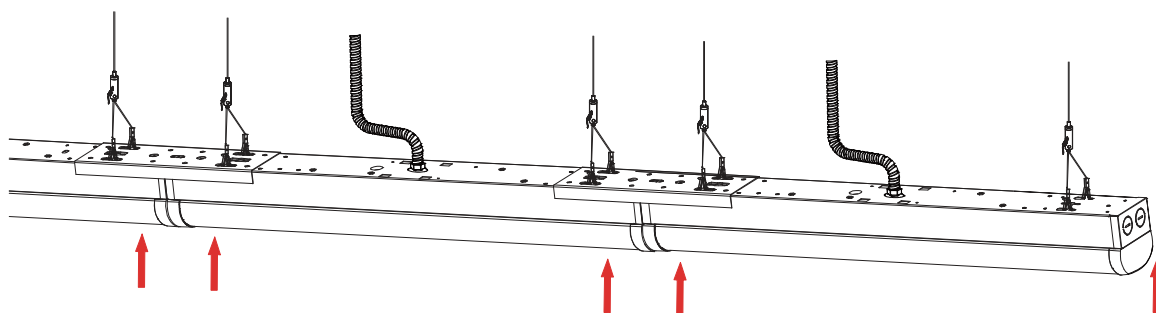
14. The same type of electronic wires are inserted into the same wire nut and combined into a parallel circuit.



15. Once wiring is completed, take wire harness and run it through the knockouts of the connecting fixture. Use self-adhesive cable ties to eliminate any cable tangles and clutter.



16. Secure the LED Cover to the housing by pressing upward and lock it into the fixture. Energize the luminaire to verify operation.

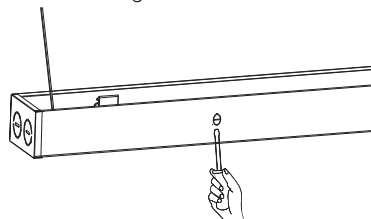


Installation of Emergency Power Supply

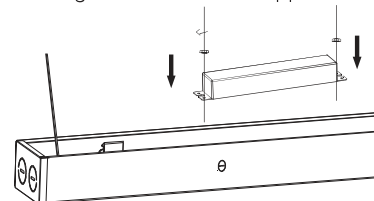
STEP 1: Press the Spring buttons and remove fixture cover/diffuser.



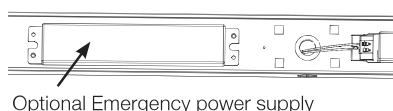
STEP 2: Use a flat screwdriver to remove knockouts on the bottom of fixture housing.



STEP 3: Align the Emergency power supply with the studs on the bottom housing and secure with supplied nuts.



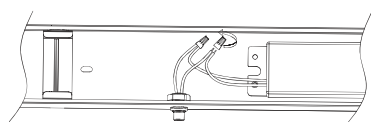
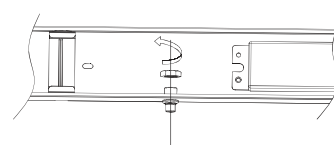
STEP 4: Image of the Emergency power supply installed.



STEP 5: Remove plastic nut from the Test/Indicator button.



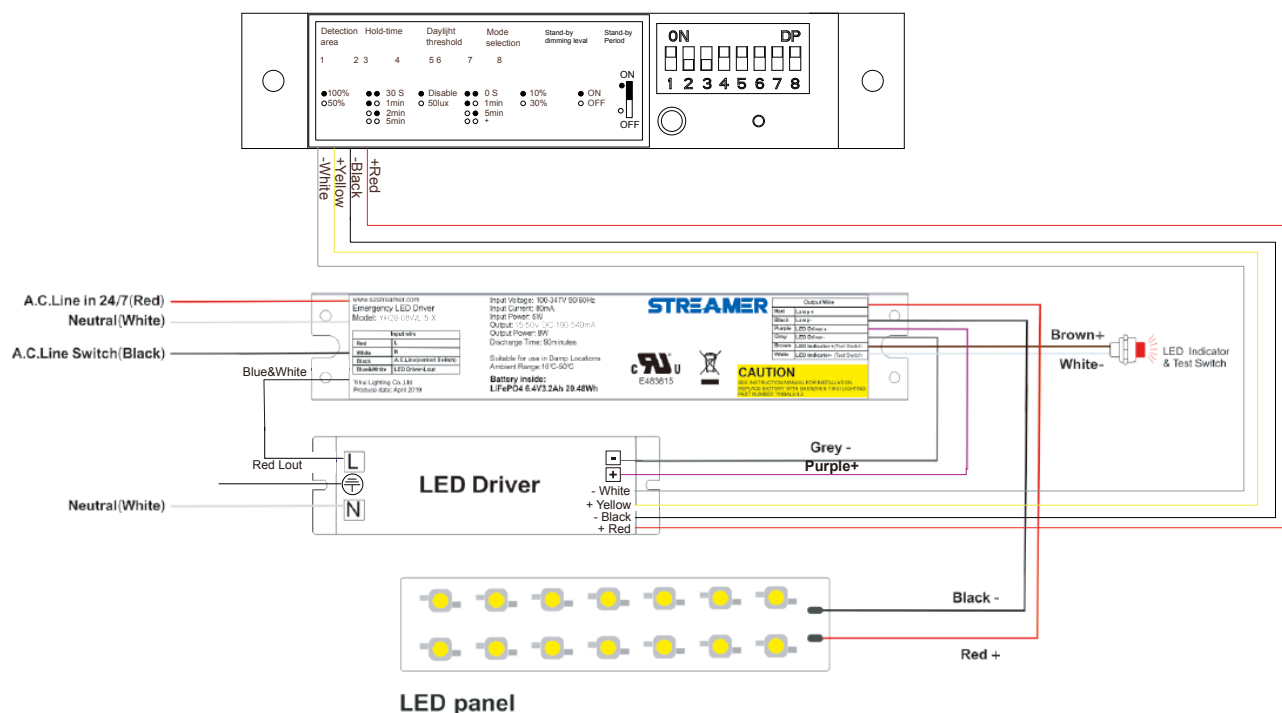
STEP 6: Install the Test/Indicator button through the knockout on the side of the fixture housing and secure with plastic nut.



STEP 7: Connect wire leads from Test/Indicator button to wire leads from the Emergency power supply.

Wiring Diagrams

In order to avoid interference between the microwave sensors during operation, the installation distance between the lamps should not be less than one meter.



ORDER INFORMATION

LSEII-YY-YY-Y

① ② ③ ④ ⑤ ⑥

① LSE II Series Linear Strip Light

② Wattage

25W	25W/20W/15W
50W	50W/40W/30W
80W	80W/64W/50W
100W	100W/80W/60W

③ Color Temperature

50K	3500K/4000K/500K Selectable
-----	--------------------------------

④ Voltage

(Blank)	120-277V
H	120-347V

⑤ Dimmable

D	0-10V Dimming
---	---------------

⑥ Optics

(Blank)	120°
---------	------



WARRANTY PERIOD
**5 YEARS
WARRANTY**



WARRANTY COVERAGE
**LED LIGHT SOURCE,
DRIVER**



AFTER-SALES
SERVICE COMMITMENT
24H RESPONSE



AFTER-SALES
SERVICE COMMITMENT
72H RESOLUTION/REPLACEMENT