

FIXTURES



LS - SERIES LINEAR STRIP FIXTURE

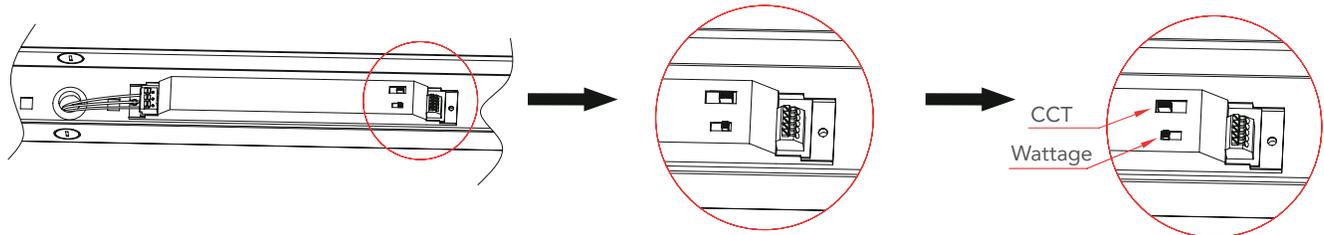
Read this instruction carefully before installation. Keep it for further reference. Make electrical and grounded connections in accordance with the national electrical code and any applicable code. Always turn off the power supply before installation. This product must be installed in accordance with the applicable installation code by a qualified electrician who is familiar with the construction and operation of the product and the hazards involved.

PART #	WATTAGE	VOLTAGE	LUMENS	COLOR TEMP
RP-B-LS-G2-2FT-25W-40K-WC	15W/20W/25W	AC120-277V	3250	3500K/4000K/5000K
RP-B-LS-G2-4FT-30W-40K-WC	25W/30W/40W		5200	

Warning:

- ⚠ Risk of fire or electric shock. Fixture installation requires knowledge of luminaires electrical systems. If not qualified, DO NOT attempt installation. Contact a qualified electrician.
- ⚠ Risk of fire or electric shock. Suitable for wet locations. Always turn off the power supply before installation.
- ⚠ Risk of fire or electric shock. Suitable for non-insulated surface and frame. DO NOT cover fixture with insulation line or similar material.
- ⚠ DO NOT install fixture on unstable, loose or easily breakable surface.
- ⚠ DO NOT exert force on the surface of the fixture.

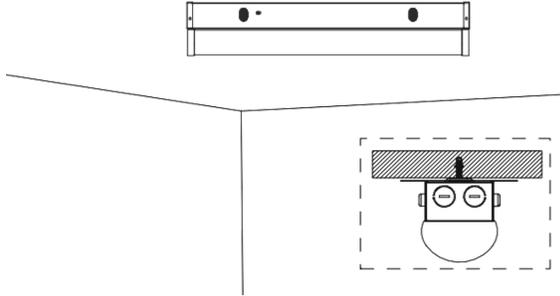
CCT & Wattage Selectable



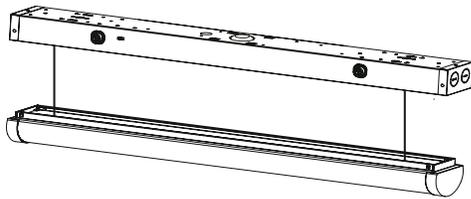
Surface Mount Kit Included Hardware

	PARTS
	<ol style="list-style-type: none"> <li>1. J-Box Adapter (1)</li> <li>2. Anchors (3)</li> <li>3. Screws (5)</li> </ol>

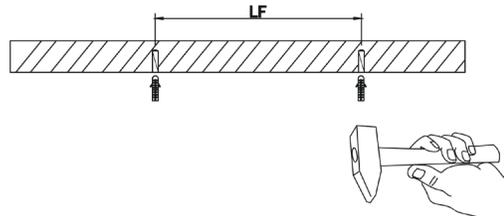
Surface Mount Installation Instructions



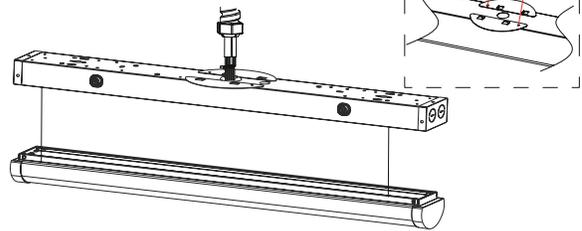
2. Open fixture by pushing in/squeezing both buttons located on opposite ends.



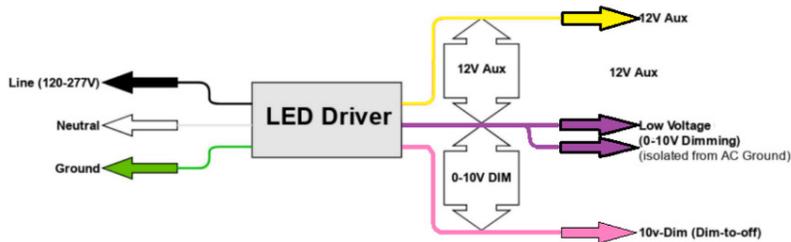
1. Punch a hole on the wall and put the expansion tube inside.



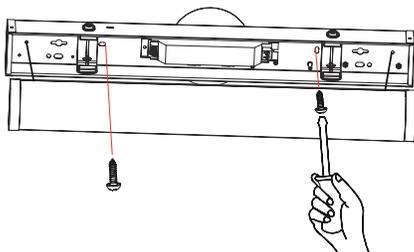
3. Run the fixture's power wires through the center hole of the round J-box adapter. Slide and secure the round J-Box adapter on the center slots located on the back of the fixture. Note: J-Box adapter is used to cover the Junction Box



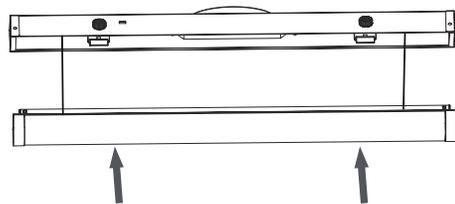
Wiring Diagram



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

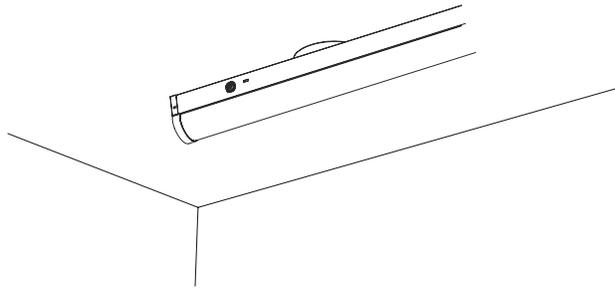


5. Press upward the cover and lock it with springs tightly, which are located on the fixture.

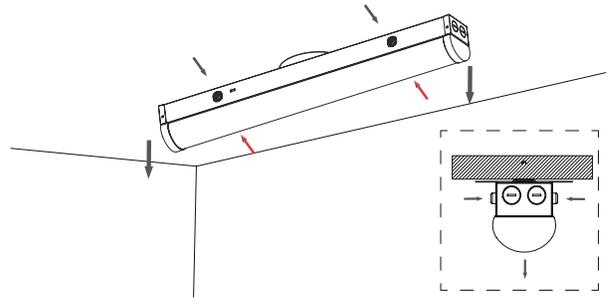


### Surface Mount Installation Instructions (continued)

6. The installation is completed. Power the luminaire to verify operation.



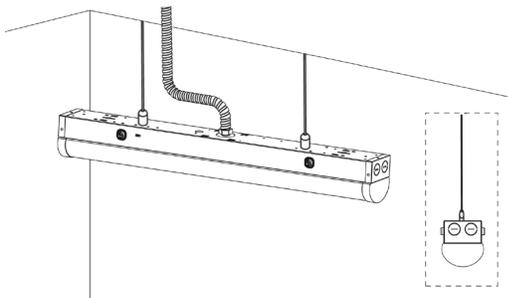
7. To disassemble, push/squeeze both buttons located on opposite ends of the luminaire.



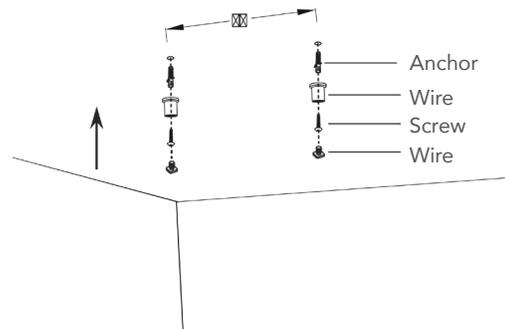
### Suspended Mount Kit Included Hardware

	PARTS
	<ol style="list-style-type: none"> <li>1. Aircraft Cable (2)</li> <li>2. Anchors (2)</li> <li>3. Screws (2)</li> </ol>

### Suspended Mount Installation Instructions

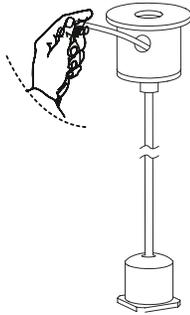


1. Fixing the hook and suspending the lamp.

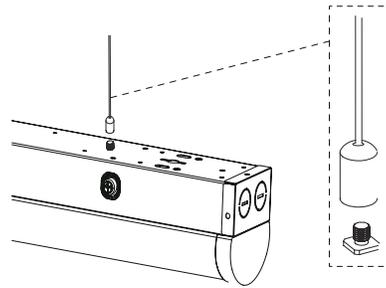


### Suspended Mount Installation Instructions (continued)

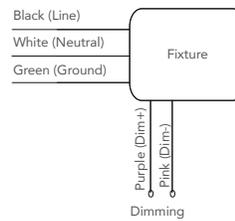
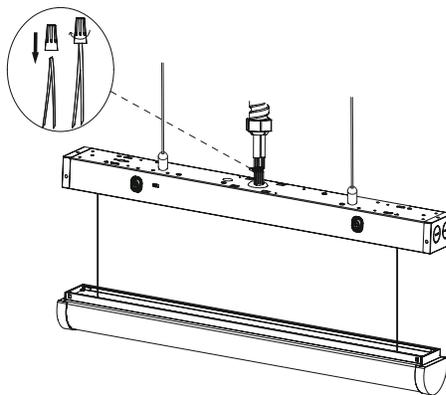
2. Adjust the aircraft cable length.



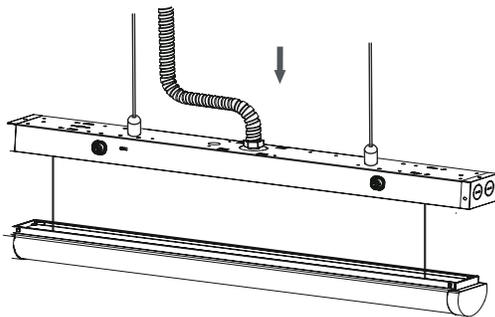
3. Use M5 square screw and M5 fixed head to fix LED strip light.



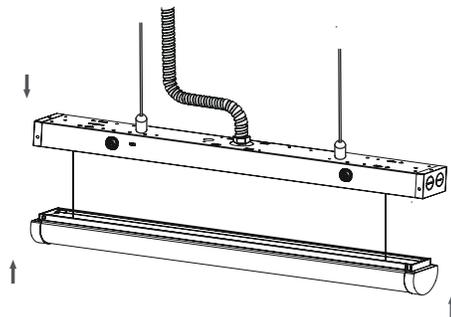
4. Turn off the power and wiring by using wire nuts.



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

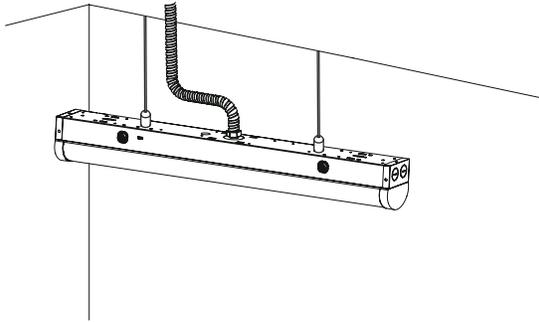


6. Press upward on the cover and lock it.

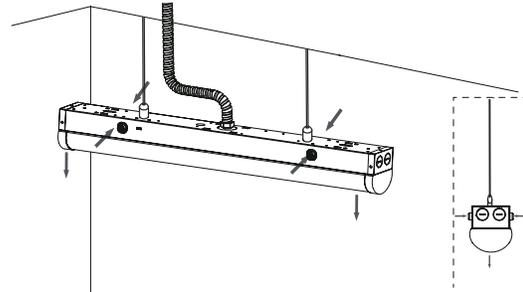


Suspended Mount Installation Instructions (continued)

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



8. To disassemble, push/squeeze both buttons located on opposite ends of the luminaire.



LED Strip Light Continuous Run Linkable QTY

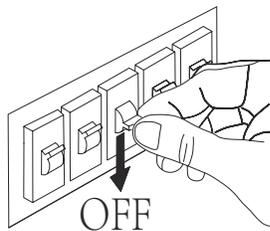
Size	Watts	120V		277V		Suggested Linkable QTY
		Current	QTY MAX	Current	QTY MAX	
2FT	15/20/25W	0.23	20	0.10	48	≤ 15PCS
4FT	25/30/40W	0.37	12	0.16	30	≤ 10PCS

Surface Mounting Continuous Row Mounting Included Hardware

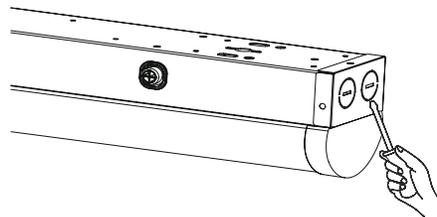
PARTS	
	<ol style="list-style-type: none"> <li>1. Connection Bracket (1)</li> <li>2. Harness Set (1)</li> <li>3. Wire Nuts (5)</li> <li>4. Anchors (2)</li> <li>5. Screws (2)</li> <li>6. Self-Adhesive Cable Ties (2)</li> </ol>

Surface Mounting Continuous Row Mounting Installation instructions

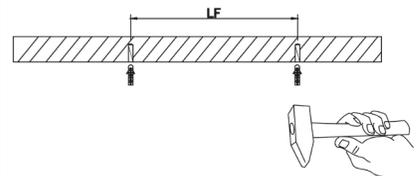
1. Turn off the power.



2. Screw off the knockout hole at the end of luminaire body.

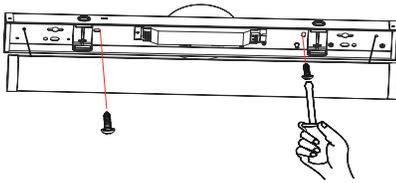


3. Drill holes at a suitable position on the wall and drive the anchor into the wall.

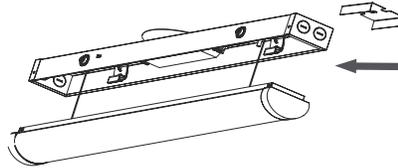


### Surface Mounting Continuous Row Mounting Installation Instructions

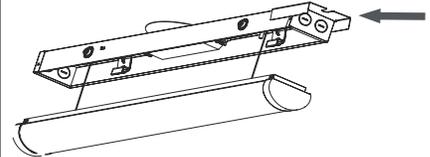
4. Use a screwdriver to tighten the screws to fix the lamp body on the wall.



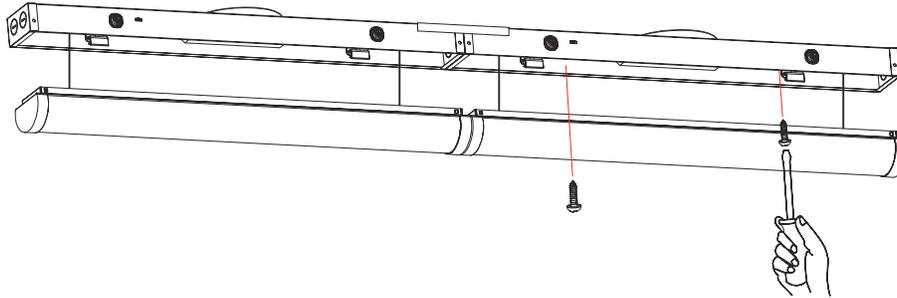
5. Fix the connection bracket on the wall.



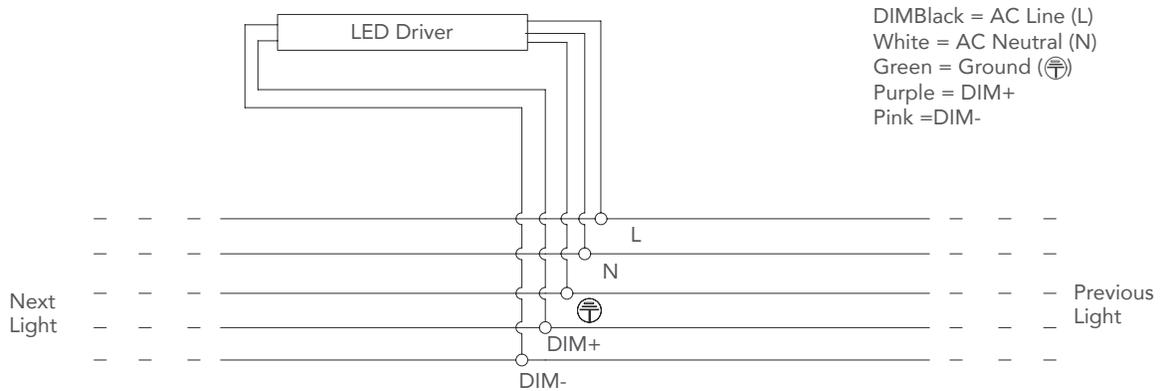
6. Insert the strip light into the connection bracket, then drill holes at a suitable position in the wall for installing.



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

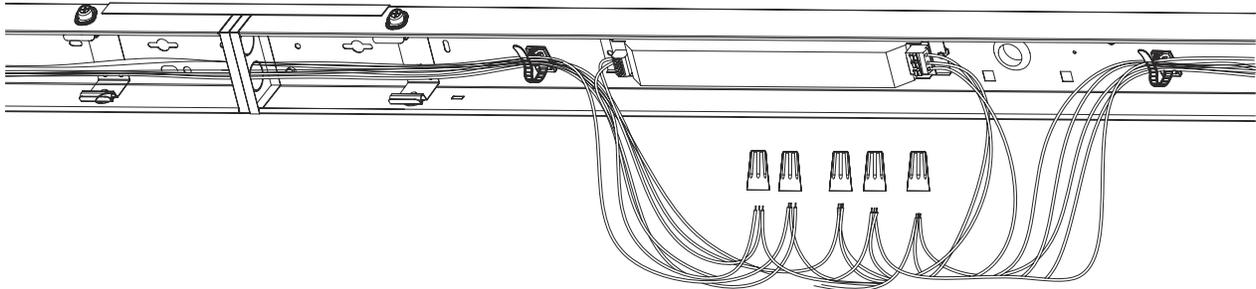


### 8. Wiring diagram

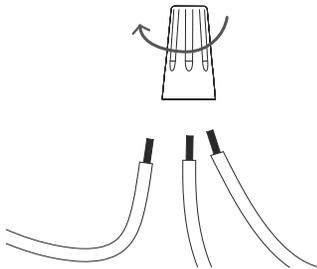


Surface Mounting Continuous Row Mounting Installation Instructions (continued)

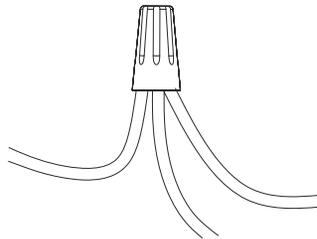
9. Take the black/white/green wire harness and connect to the existing wire connectors on the input wires of the driver. When using the dimming function, take the purple and pink wire harness and make connection to driver. Please make wiring connection using the wiring diagram in Step 8.



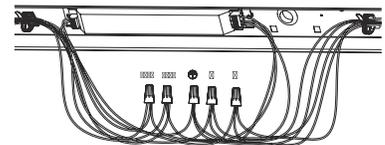
10. The same type of electronic wires are inserted into the same wire nut and combined into a parallel circuit.



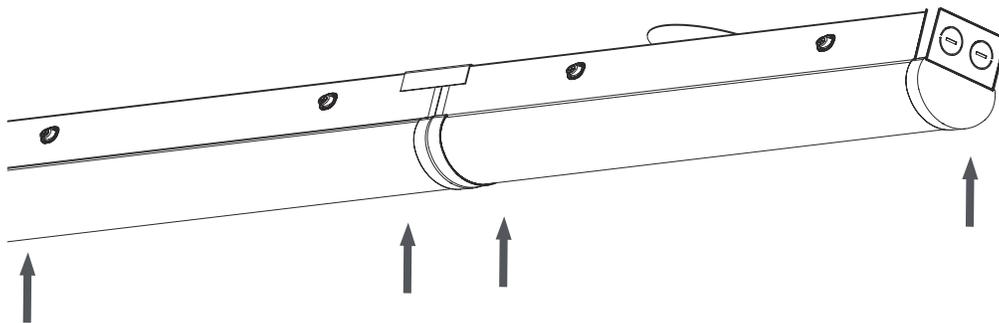
11. Tighten the wires in the wire nut as the photo shows below.



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. Power on.

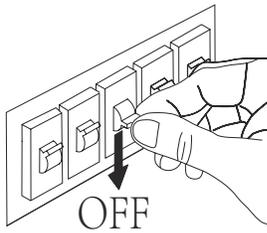


Suspended Mounting Continuous Row Mounting Included Hardware

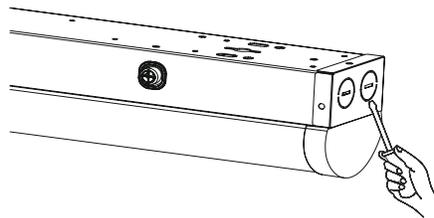
	PARTS
	1. Connection Bracket (1)
	2. Harness Set (1)
	3. Wire Nuts (5)
	4. Anchors (2)
	5. Screws (10)
	6. Self-adhesive Cable Ties (2)
	7. Aircraft Cable (2)

Suspended Mounting Continuous Row Mounting Installation Instructions

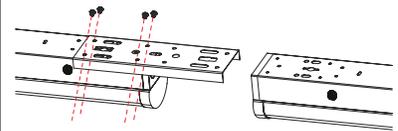
1. Turn off the power.



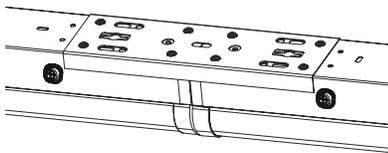
2. Screw off the knockout hole at the end of luminaire body.



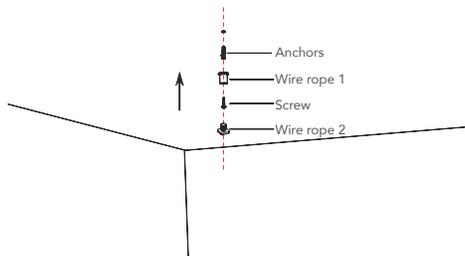
3. Fix the connection bracket at the end of one lamp with screw.



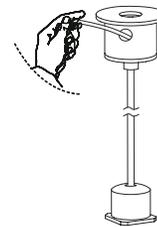
4. Reference drawing below for finished connection.



5. Drill holes on the wall & lock accessories (as shown).

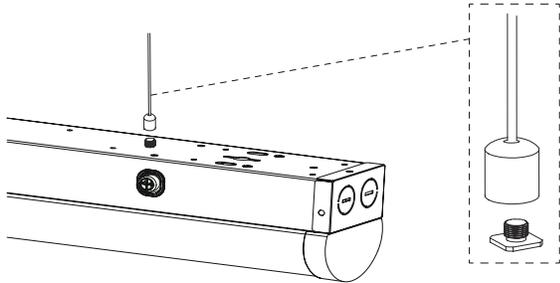


6. Adjust the length of aircraft cable after locked.

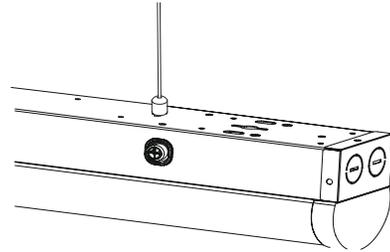


Suspended Mounting Continuous Row Mounting Installation Instructions (continued)

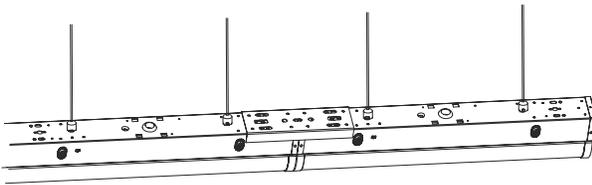
7. Lift up the light, fasten the hooks to the lamp.



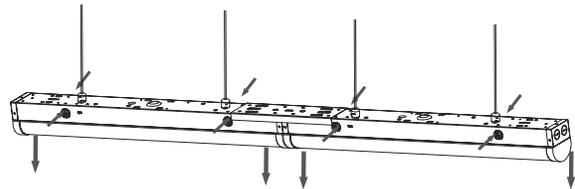
8. Finished aircraft cable installation as shown.



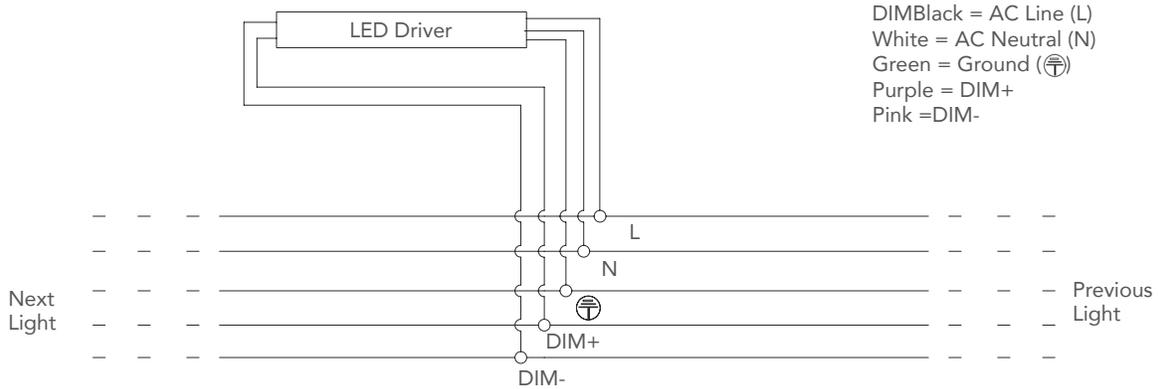
9. Install all lamps which need suspending in the same way as the step above.



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

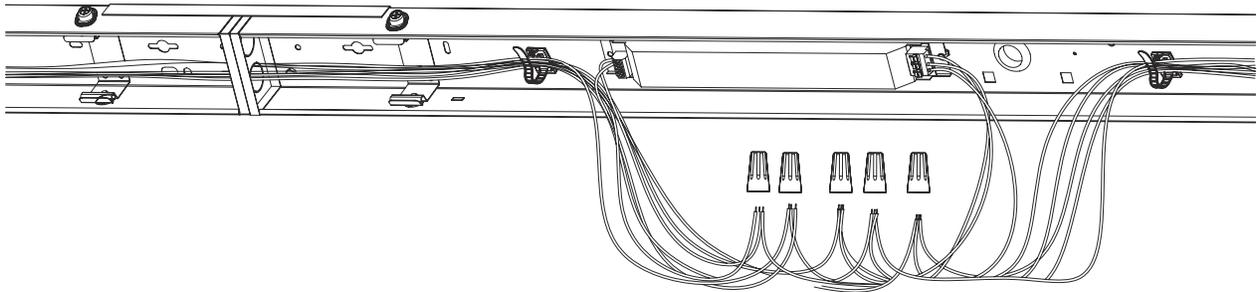


11. Wiring diagram

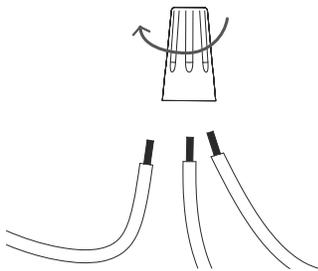


Suspended Mounting Continuous Row Mounting Installation Instructions (continued)

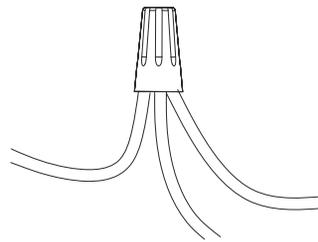
12. Take the black/white/green wire harness and connect to the existing wire connectors on the input wires of the driver. When using the dimming function, take the purple and pink wire harness and make connection to driver. Please make wiring connection using the wiring diagram in Step 8.



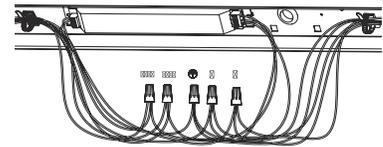
13. The same type of electronic wires are inserted into the same wire nut and combined into a parallel circuit.



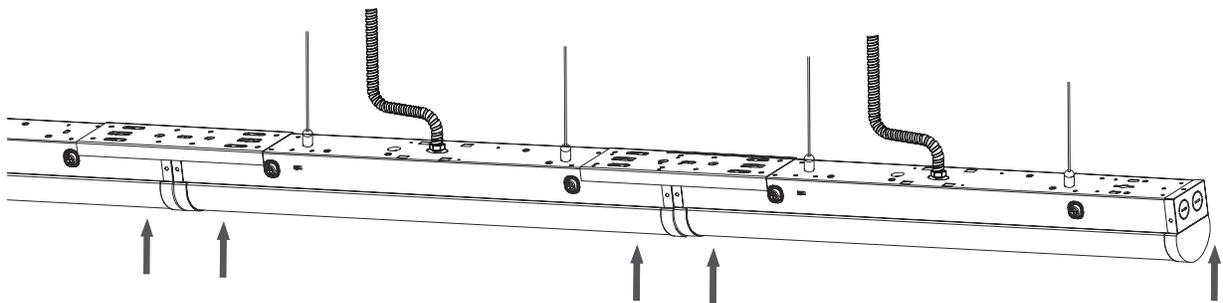
14. Tighten the wires in the wire nut as the photo shows below.



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.

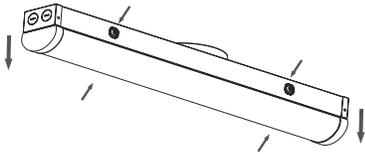


16. Secure the LED Cover to the housing by pressing upward and lock it into the fixture. Power on the luminaire to verify operation.

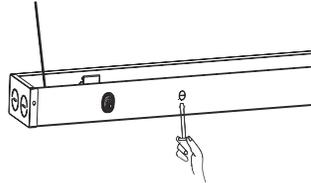


### Installation of Emergency Power Supply

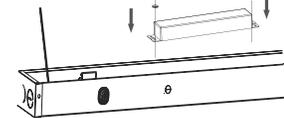
1. Press the spring buttons and remove cover.



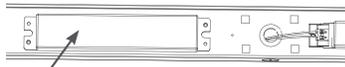
2. Use a flat screwdriver to remove knockouts on the bottom of the housing.



3. Align the emergency power supply with the studs on the bottom housing and secure with supplied nuts.



4. Image of the emergency power supply installed.

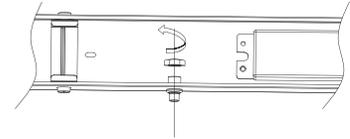


Optional emergency power supply

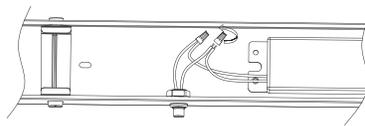
5. Remove plastic nut from the test button.



6. Install the test button through the knockout on the side of the fixture housing and secure with plastic nut.



7. Connect wire leads from test button to wire leads from emergency power supply.



#### Note:

When the lamp is in emergency mode, even if you select 3500K via the slide switch, the actual CCT showing will be 5000K, which means you can only achieve two CCTs: 4000K and 5000K by using the slide switch when the lamp is in emergency mode.