

IMPORTANT SAFETY INSTRUCTION

Read this installation guide prior to attempting installation. Always turn OFF the main power before starting your installation. Consult a qualified electrician before installation. Installation should be carried out by a qualified electrician.

During installation, basic safety precautions should always be followed, including the following listed:

1. Do not install the lighting system in a damp or wet location.
2. Ensure the appropriate connectors match the luminaire fixture.
3. Do not install any part of the luminaire less than 5 feet above the floor.
4. Do not install any luminaire assembly closer than 5 inches from any window treatments, i.e., curtain, blinds or any similar combustible type material.
5. Do not attempt to energize anything other than the luminaire fixtures.
6. To reduce the risk of fire and electric shock, do not attempt to connect to power tools, extension cords, appliances, or the like, to the track.
7. Maintenance of the luminaires should be performed by person(s) familiar with the luminaires' construction and operation and any hazards involved. Regular fixture maintenance programs are recommended.
8. Do not exceed the nominal supply voltage or amperage ratings.
9. Turn the power OFF at the fuse or circuit breaker box before doing any installation or maintenance activities.
10. Wear rubber soled shoes and work on a sturdy wooden or non-conductive ladder.
11. The lighting product must be mounted in locations and at heights in compliance with the National Electrical Code and with local building codes. Installing contrary to instruction may cause unsafe conditions.
12. To avoid hazards to children, take accountability for all parts and dispose all packing materials properly.
13. It may be necessary to clean the refractor/lens. Frequency of cleaning will depend on ambient dirt level and minimum light output which is acceptable to the user. Refractor/lens should be washed in a solution of warm water and any mild, non-abrasive household detergent, rinsed with clean water and wiped dry. Should optical assembly become dirty on the inside, wipe refractor/lens and clean in above manner, replacing damaged gaskets as necessary.
14. Call the Technical Support department at Aeralux about any installation questions.
15. Do not install a damaged product. This luminaire has been properly packed so that no parts should have been damaged during transit. Inspect to confirm. Any part damaged or broken during or after assembly should be replaced.
16. These instructions do not purport to cover all details or variations in equipment nor to provide every possible contingency to meet in connection with installation, operation or maintenance. Should further information be desired or particular problems arise, not covered sufficiently for the purchaser's or owner's purposes, please contact the Technical Team at Aeralux.



CAUTION

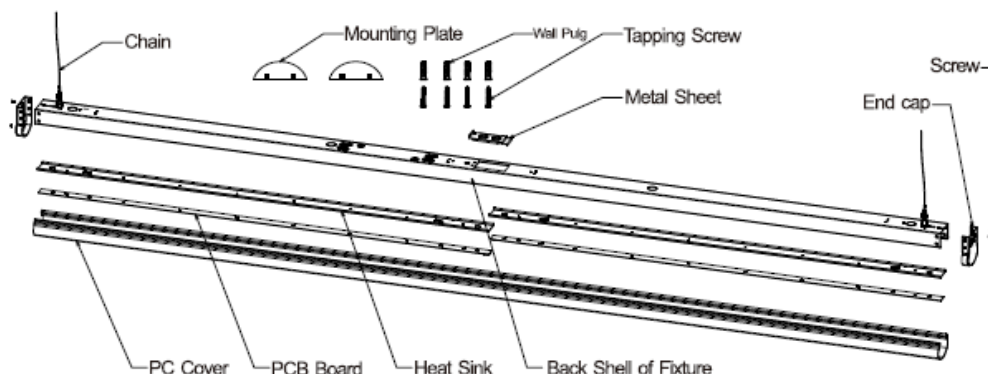
This equipment is intended to be installed only by qualified personnel. The installation must be made in accordance with the current edition of the National Electrical Code (NEC) and all applicable state and local building codes. The final installation must be approved by the appropriate, qualified electrical/building inspector(s). Improper installation may result in a fire or electrical hazard. Ensure the electrical power to the circuit has been disconnected before installing the electrical system.



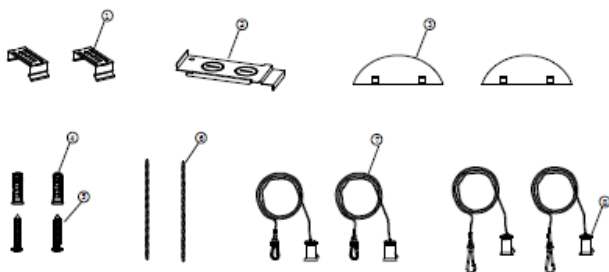
WARNING

- Risk of fire. Most dwellings built before 1985 have supply wire rated at 60°C.
- Consult a qualified electrician before installation.
- Properly ground electrical enclosure.
- To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.
- Use only UL approved wire for input/output connections. Minimum size 18 AWG or 14 AWG if there are any continuous runs.
- If the fixtures are connected in a continuous run, do not exceed allowable number of fixtures in series/power in continuous runs.
- Inrush currents must be taken in account by the electricians to account for proper circuit design.

PARTS TABLE



OPTIONAL ACCESSORY DESCRIPTION



No.	Part.	Description
1.	Mounting clip.	67x30x30.5mm 0.40mm thick SPC stainless steel.
2.	Metal cover.	199x44x12.5mm 0.66mm thick painted iron sheet.
3.	Decorative parts.	134.1x5.4x2.3mm 0.56mm thick painted sheet iron.
4.	Plastic anchor.	Φ6.0mm 27mm length material PE.
5.	Mounting screws.	Φ4.0x25mm material steel.
6.	Mounting chain.	Steel, Φ3.0mm 20 cm long.
7.	Suspension wires.	Steel wire. Φ1.0mm.
8.	Flexible mounting bracket.	1.0mm thick material steel.

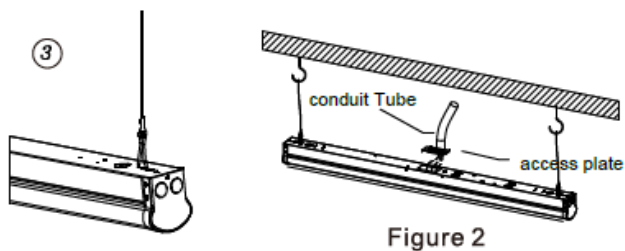
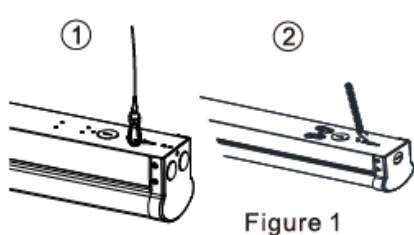
WIRING DIAGRAM

- Wire the input end of the LED driver to supply wires using a wire nut according to the wiring section.
- Connect the BLACK/BROWN lead to LINE (+) supply lead.
- Connect the WHITE/BLUE lead to NEUTRAL/COMMON (-) supply lead.
- Connect the GREEN lead to GROUND supply lead.
- If any, connect PURPLE/BLUE to the 0-10 V SIGNAL supply lead and GREY/WHITE to 0-10V NEUTRAL/REFERENCE supply lead.

INSTALLATION METHODS

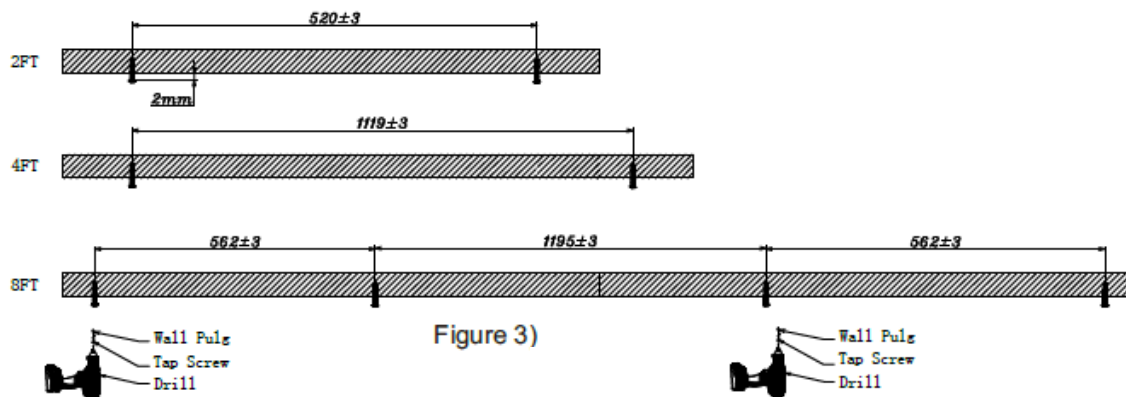
1. Suspension.
2. Surface Mount without Opening the Fixture.
3. Surface Mounting.

INSTALLATION METHOD I: Suspension

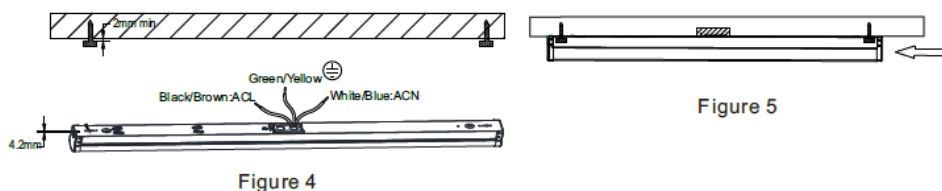


1. Hook one end of the chain or suspend the rope on the fixture (Figure 1).
2. Hang the other end of the chain on the hook and fix on ceiling (Figure 2).
3. Remove the knockout of access plate and fix the conduit tube on the access plate.
4. To power: connect the black lead to the "L" line supply lead. Connect the white lead to the "N" common supply lead. Connect the green lead to ground supply lead.

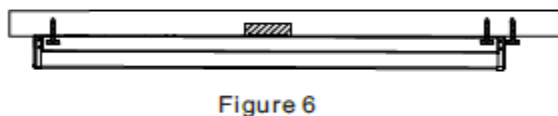
INSTALLATION METHOD II: Surface Mount without Opening the Fixture



1. Fix two screws on the ceiling. The space between the screw nut and ceiling must be more than 2 mm (Figure 3).
2. The internal wire comes out of the light fixture and connects to the outlet box.
3. To power: connect the black lead "L" line supply lead. Connect the white lead to the "N" common supply lead. Connect the green lead to the ground supply lead (Figure 4).



4. Push the fixture towards the left until the fixture is fixed in place (Figure 5).
5. Fix a screw in the ceiling, on the right side of the fixture (Figure 6).
6. Electrically activate the fixture.



INSTALLATION METHOD III: Surface Mount

1. Open the end cap (Figure 7).
2. Take the cover off (Figure 8.)



Figure 7



Figure 8

3. Loosen the thumb screw, push out the heat sink (Figure 9).



Figure 9

4. The internal wire comes out of the light fixture and connects to the outlet box.
5. To power: To power: connect the black lead "L" line supply lead. Connect the white lead to the "N" common supply lead. Connect the green lead to the ground supply lead (Figure 10).

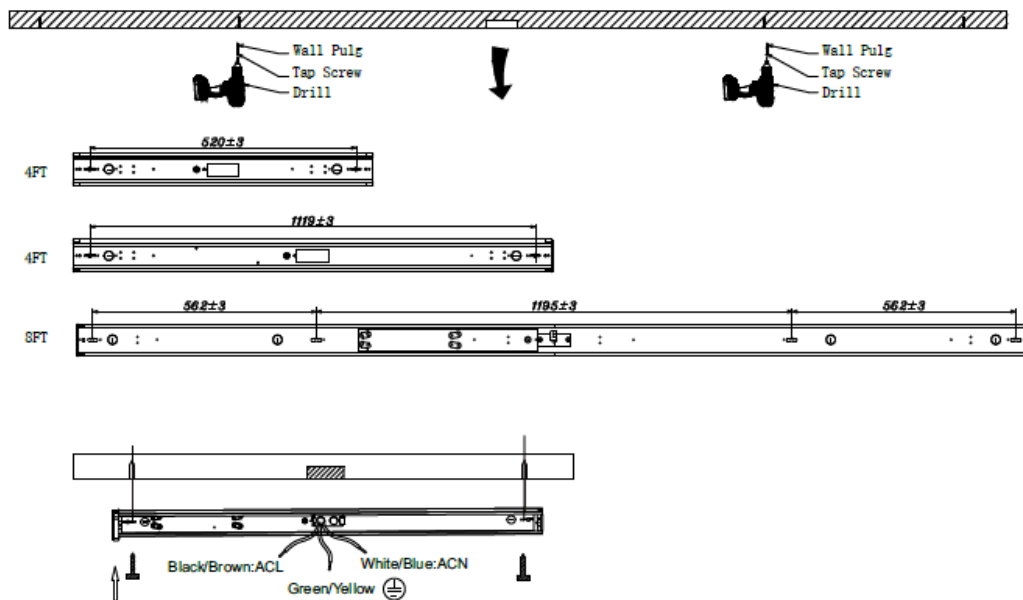


Figure 10

6. Fix the cover and end cap on the fixture (Figure 11).
- Electrically activate the fixture.

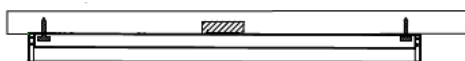
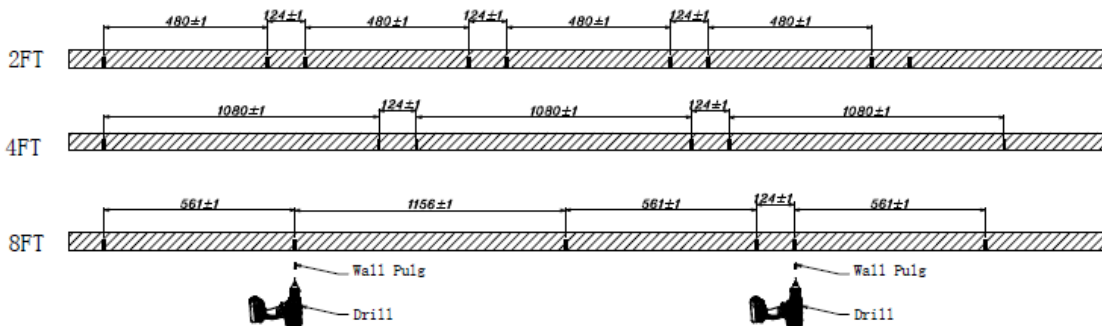


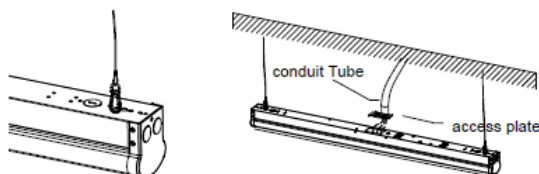
Figure 11

Mounting Space and Steps

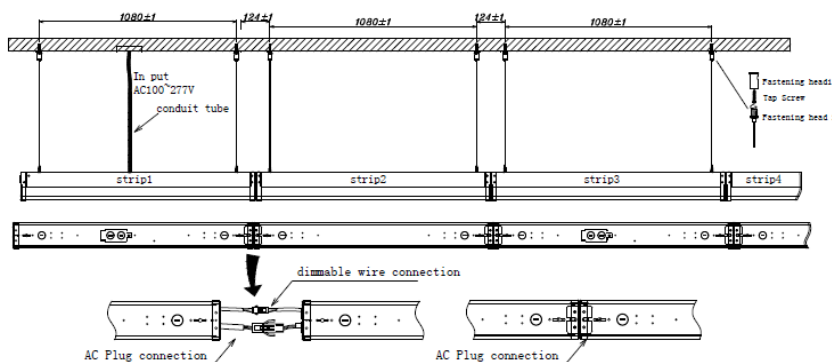
1. Dig the mounting holes in the ceiling as shown in the picture, install the wall plug to the holes.



2. Install the fastening head 1 by tapping it with a screw and then rotating the fastening head 2 to the fastening head 1.
3. Hook one end of the chain or suspend the rope on the fixture.
4. Hang the other end of the chain on the hook and fix on ceiling.
5. Remove the knockout of access plate and fix the conduit tube on the access plate.
6. To power: To power: connect the black lead "L" line supply lead. Connect the white lead to the "N" common supply lead. Connect the green lead to the ground supply lead.



7. Connect two linear AC wires and dimmable wires together and put the wire back into either strip.
8. Lift 1 LED first, then lift-up one side of the 2nd LED with a flexible cable mounting bracket using a "PB3x6" screw.



9. Connect the LED strip as shown above, up to a maximum of 7 LED luminaires.