

INSTALLATION INSTRUCTIONS

LINEAR LED STRIP LIGHT

5 YEAR LIMITED PRODUCT WARRANTY

Visit www.els-led.com for warranty for details
For support contact support@els-led.com

MODELS

MODEL #	Input Voltage Max. Input Current	Size	Wattage Select	CCT Selectable
LS2-25CLS-D LS-25CLS-D-CR LS-25CLS-D-EM LS-25CLS-D-EMCR	AC120-277V 0.229A/0.099A	2FT	25W 20W 15W	3000K/3500K/4000K/5000K/6500K
LS4-40CLS-D LS4-40CLS-D-CR LS4-40CLS-D-EM LS4-40CLS-D-EMCR	AC120-277V 0.367A/0.159A	4FT	40W 30W 20W	3000K/3500K/4000K/5000K/6500K
LS8-80CLS-D LS8-80CLS-D-CR LS8-80CLS-D-EM LS8-80CLS-D-EMCR	AC120-277V 0.733A/0.318A	8FT	80W 65W 40W	3000K/3500K/4000K/5000K/6500K

WARNING: RISK OF ELECTRICAL SHOCK

- Turn off the electrical power at fuse or circuit breaker box before wiring fixture to power supply.
- Turn off the power when you perform any maintenance.
- Verify that supply voltage is correct by comparing it with the luminaire label information.
- Make all electrical and grounded connections in accordance with the National Electrical Code and any applicable local code requirements.
- MIN 90°C SUPPLY CONDUCTORS.
- All wiring connections should be capped with UL approved wire connectors.

CAUTION: RISK OF INJURY

- Wear gloves and safety glasses at all times when removing luminaire from carton, installing, servicing or performing maintenance.
- Allow lamp/fixture to cool prior to handling light source.
- Avoid direct eye exposure to the light source while it is on.
- Account for small parts and destroy packing material, as these may be hazardous to children.
- Ensure fixtures are properly secured to and installed using all appropriate hardware intended to support the weight of the luminaire.

CAUTION: RISK OF FIRE

- Keep combustible and other materials that can burn away from luminaire and lamp/lens.



READ AND FOLLOW ALL SAFETY INSTRUCTIONS!

SAVE INSTRUCTIONS AND DELIVER TO OWNER AFTER INSTALLATION

General Safety & Product Information

- To reduce the risk of death, personal injury or property damage from fire, electric shock, falling parts, cuts/abrasions, and other hazards read all warnings and instructions included with and on the fixture box and all fixture labels.
- Commercial installation, service and maintenance of luminaires should be performed by a qualified licensed electrician.
- DO NOT INSTALL DAMAGED PRODUCT
- Use fixture only in intended application
- Allow for proper ventilation and air movement around luminaire. Do not exceed maximum ambient operating temperature
- Recycling information on LED Products please visit WWW.EPA.GOV
- These instructions may not cover all variations in equipment, application, operation and maintenance. Should further information be required please contact support@els-led.com
- Fixture components are not serviceable. In the event of product failure please refer to product warranty guidelines at www.els-led.com



ELEVATE
LIGHTING SOLUTIONS

1000 Commerce Center Dr, Elkton MD 21921

els-led.com



(718).338.1851

Fax: (718).228.1851

orders@els-led.com



Support@ELS-LED.com

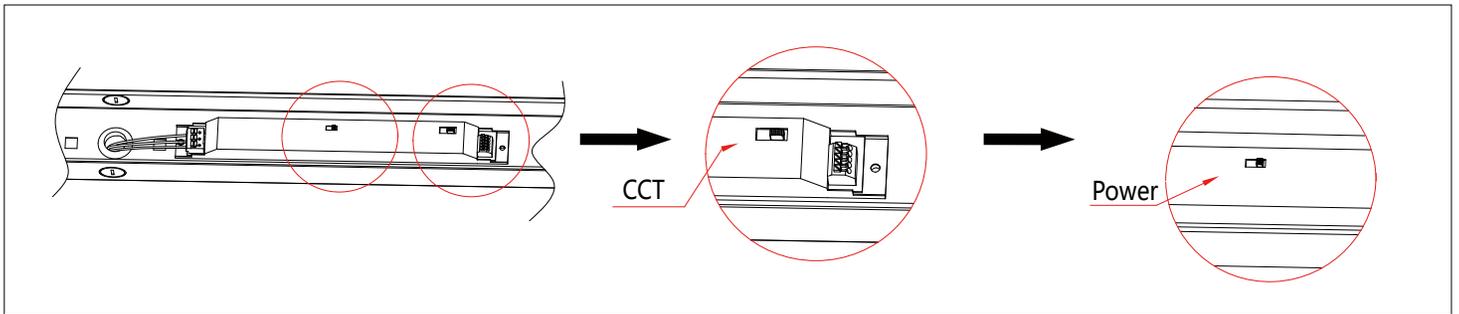
INSTALLATION AND WIRING INSTRUCTION

Installation Methods: Cable mount or Surface Mount (Please choose the most suitable installation method for the purchased product as per your needs). Secure the luminaire to a supporting structure.

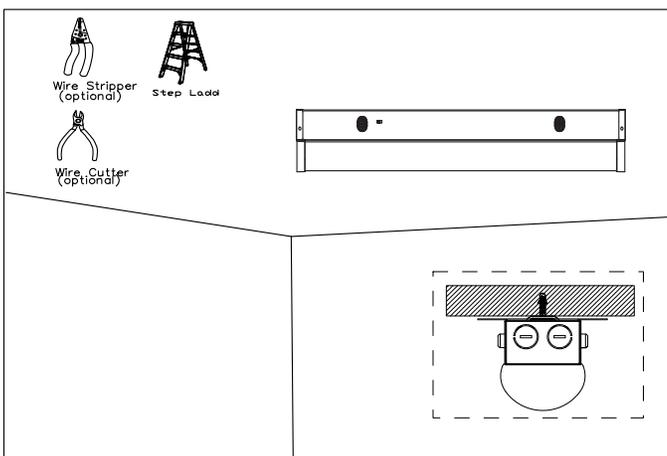
WIRING:

BLACK – HOT, WHITE - NEUTRAL 120V-277V , GREEN – GROUND
PURPLE – DIM +; PINK – DIM – (0-10V) Dimming Optional connection

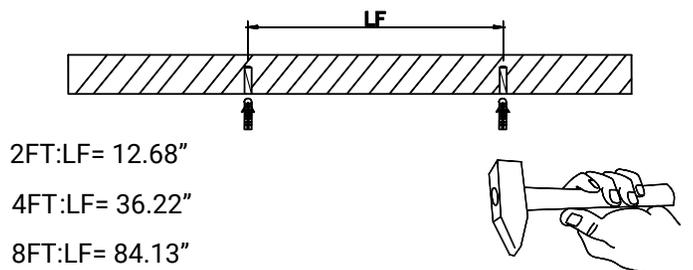
CCT & Wattage selectable



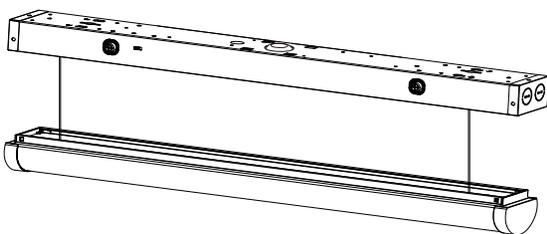
SURFACE MOUNT INSTALLATION



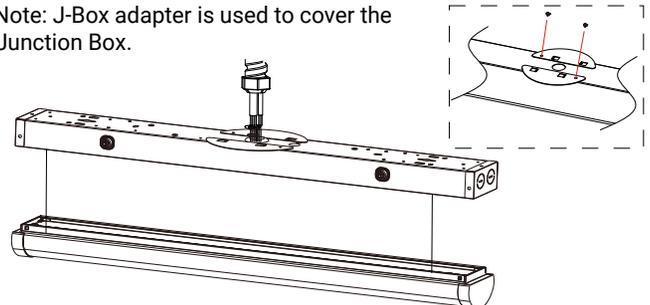
1. Drill hole and install appropriate wall anchors and hardware to secure fixture to surface. Ensure all structures will support the weight of fixture.



2. Remove lens assembly to gain access to wiring compartment by pressing both buttons on opposite side of fixture.

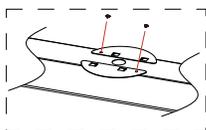
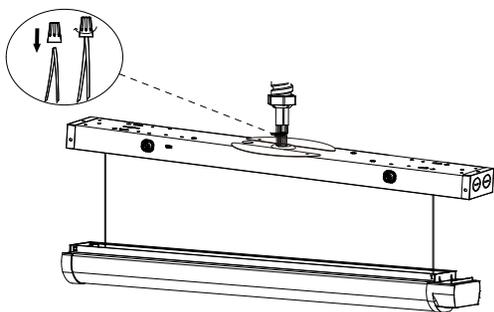


3. Run the fixture's power wires through the center hole of the round J-box adapter. Slide and secure the round J-Box adapter on the center slots located on the back of the fixture. Note: J-Box adapter is used to cover the Junction Box.



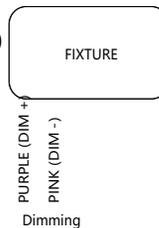
The Installation must be carried out by a qualified electrician.

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

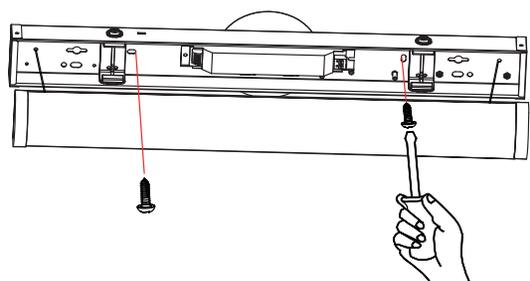


ToSource
120-277V

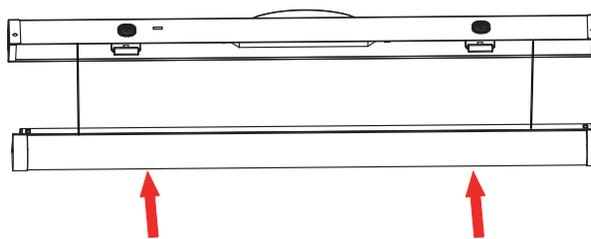
BLACK (LINE)
WHITE (NEUTRAL)
GREEN (GRD)



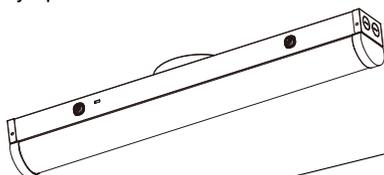
5. Secure the fixture to the wall with the correct mounting hardware



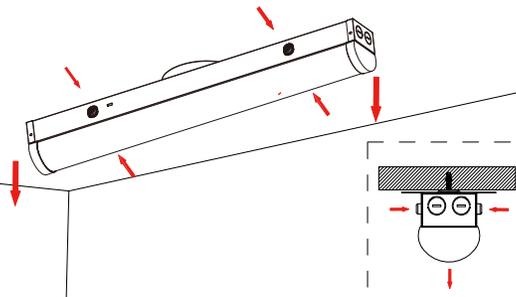
6. Press upward the cover and lock it with springs tightly which located into the fixture.



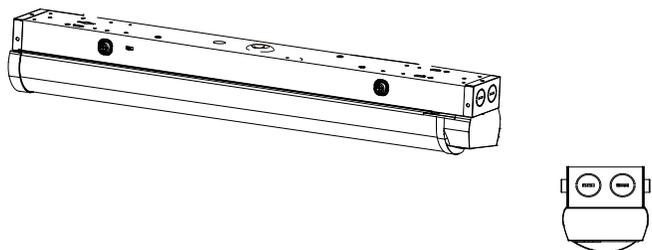
7. The installation is completed and energize the luminaire to verify operation.



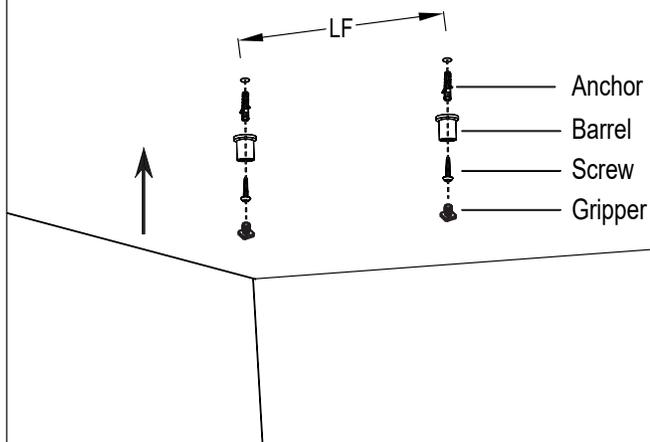
8. Swing open fixture by pushing in/squeezing both buttons located on opposite ends, if need to disassemble the fixture.



SUSPENDING INSTALLATION *Suspension Cable accessory: LS-CABLEKIT

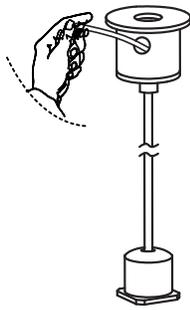


1. Attaching the steel aircraft cable and suspending the fixture.

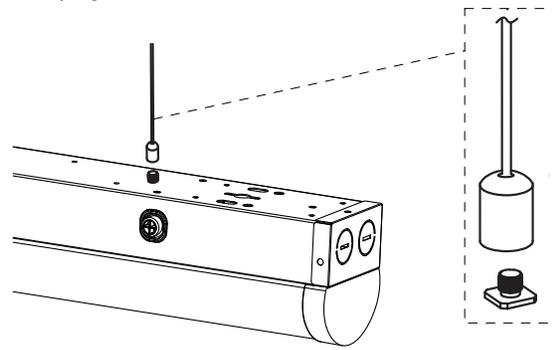


The Installation must be carried out by a qualified electrician.

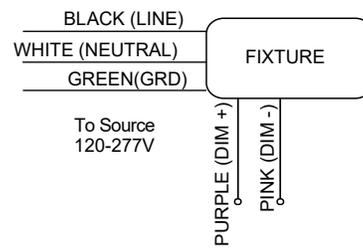
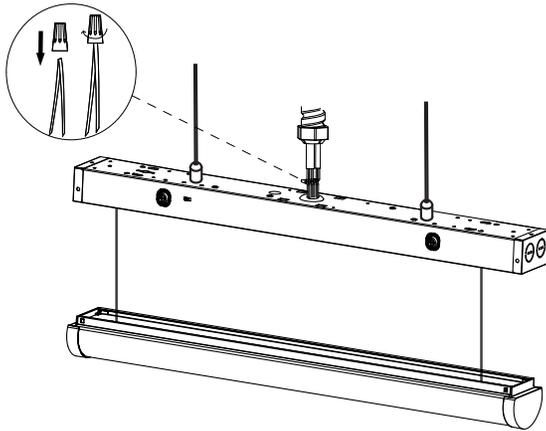
2. Hanging steel cable length.



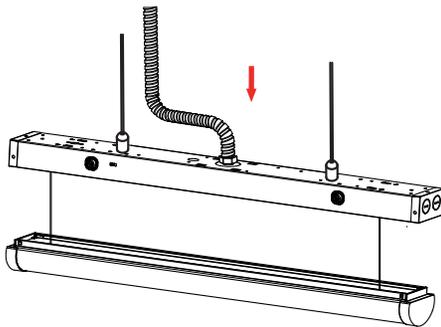
3. Use M5 square screw and M5 fixed head to fix LED strip light.



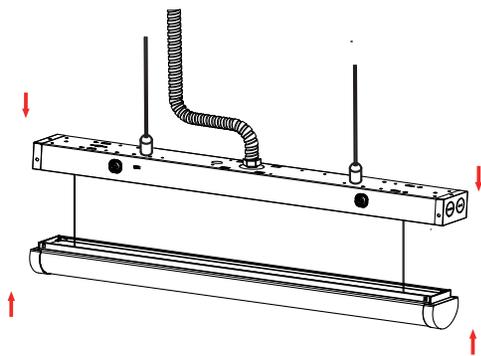
4. Disconnect power! Connect all wiring in accordance with electrical code. See diagram for connection.



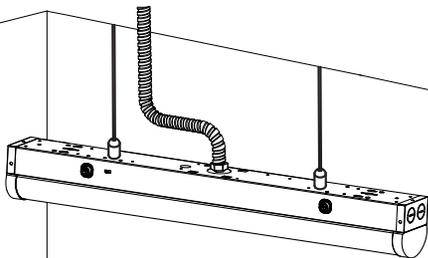
5. Insert wiring into housing and secure cable to the fixture body per the electrical code.



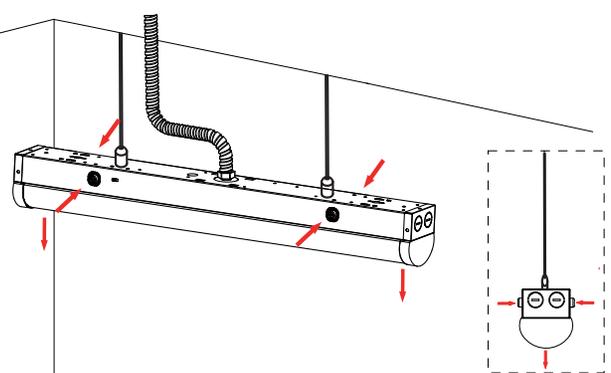
6. Press upward the cover and lock it.



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

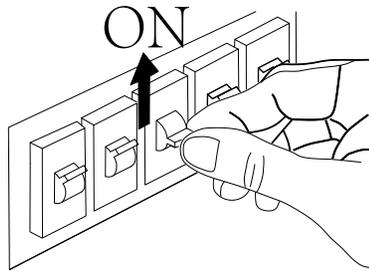


8. Swing open fixture by pushing in/squeezing both buttons located on opposite ends, if need to disassemble the fixture

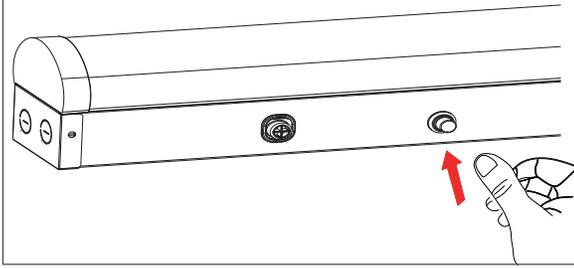


The Installation must be carried out by a qualified electrician.

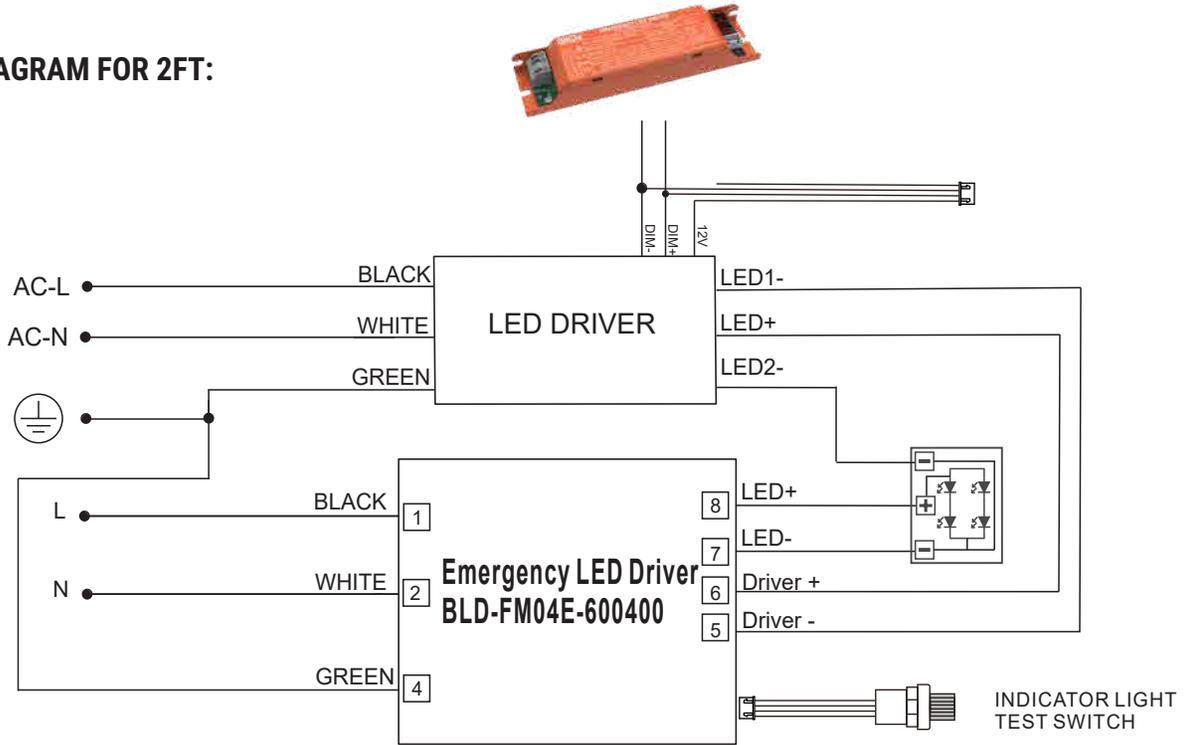
9. Turn on the power.



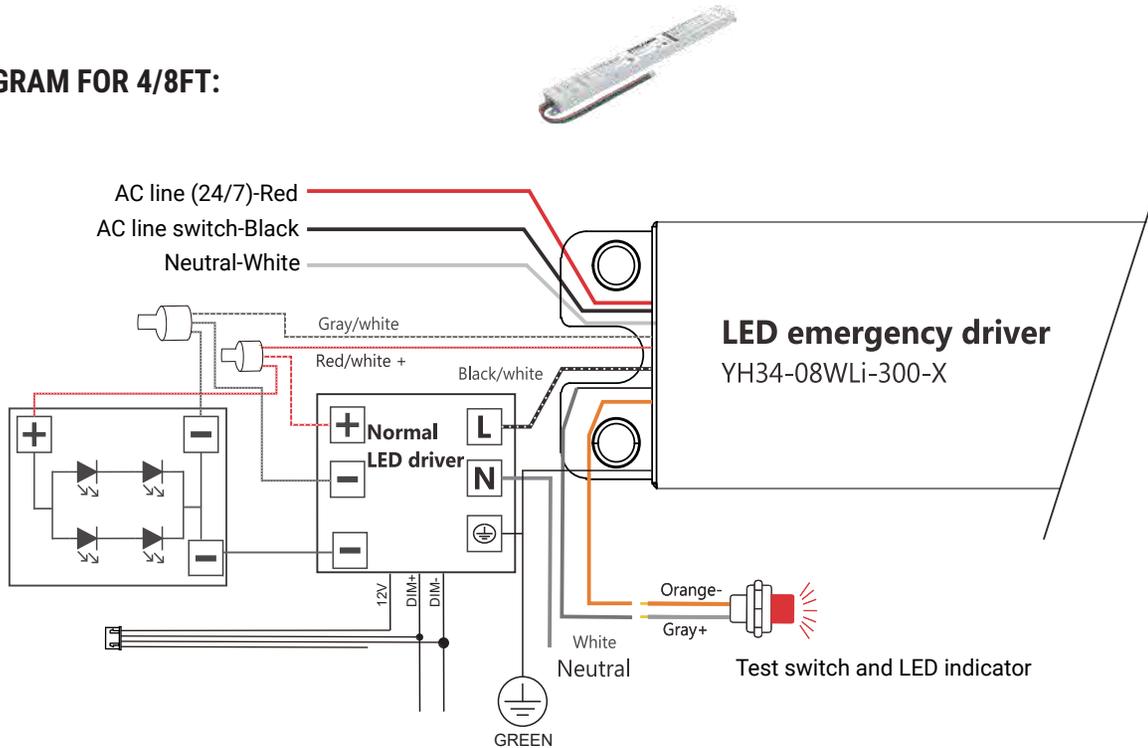
10. Emergency Fixtures Operation: After Power fixture, press switch for 0.5 seconds. To Turn off emergency Mode press and hold switch for 3 seconds.



WIRING DIAGRAM FOR 2FT:



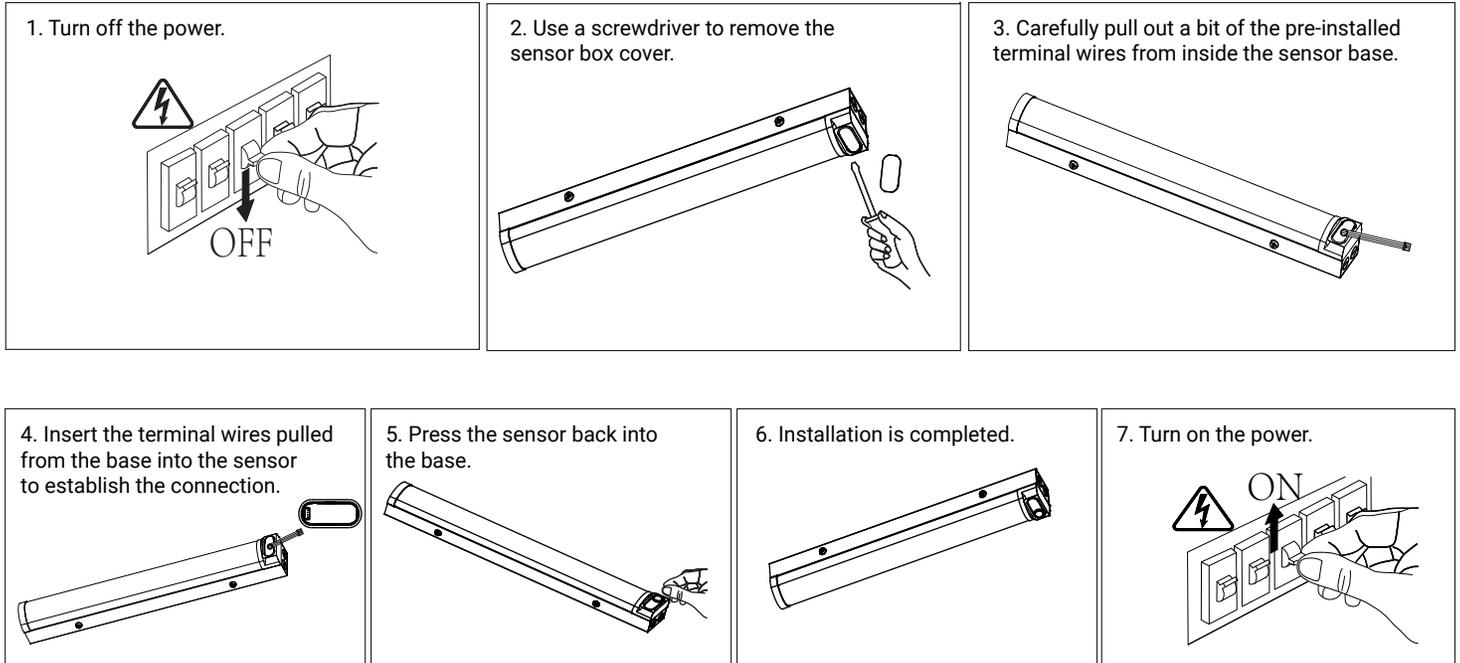
WIRING DIAGRAM FOR 4/8FT:



The Installation must be carried out by a qualified electrician.

SENSOR INSTALLATION INSTRUCTIONS

Sensor Model	Sensor Type	Remote Control
KEILTON IFS06R	PIR Sensor	KEILTON RM51
KEILTON IFS108	Bluetooth PIR Sensor	KEILTON APP



WIRING DIAGRAMS



SENSOR Operation and Programing: Please refer to instructions provided with sensors (purchased as accessory) for operation and programming.

The Installation must be carried out by a qualified electrician.