

LED Linear Strip Light

E2-LS-SLIM-2-18/24W
E2-LS-SLIM-4-24/36W



M = Sensor (Motion or Smart Control Motion sensor) E = Emergency Battery

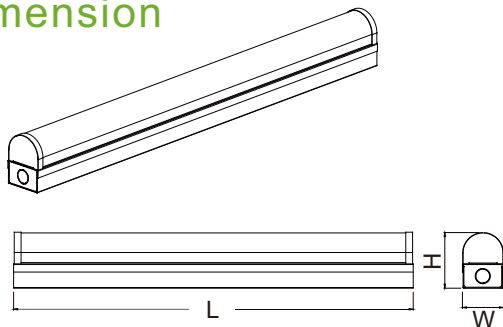
Product Description:

E2 Lighting's LED Linear Strip Fixture is an energy efficient replacement for existing T12 and T8 strip fixtures. The strip is wattage and color temperature tunable, designed to distribute uniform lighting within an aluminum extrusion lighting fixture. UL listed, DLC Premium listed and RoHS compliant.

Features

- 130lm/w.
- Die formed of 0.5mm cold-rolled steel body.
- 0-10V dimming, universal voltage: 100-277V.
- Available with suspending installation and surface-mounted installation.
- Wide application for: school, hospital, super market, office and warehouse.
- 2ft & 4ft dimensions.
- 5-year warranty.

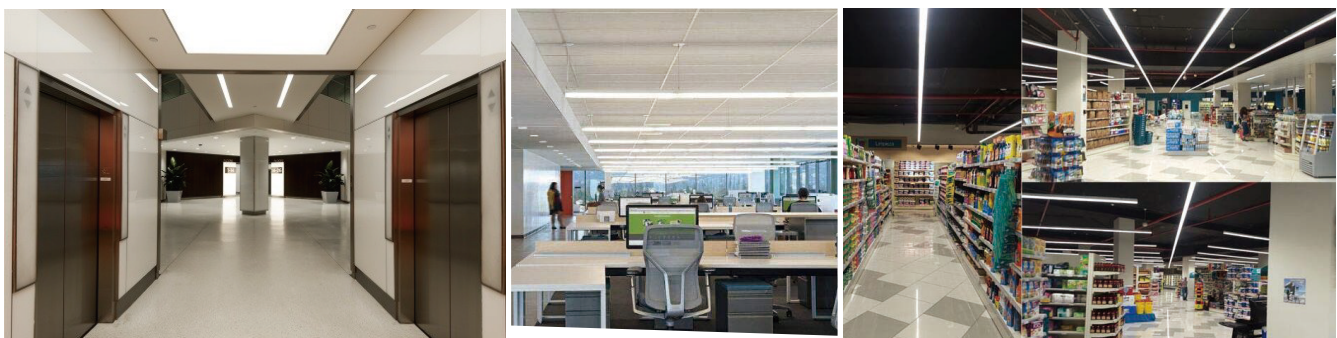
Dimension



| Model | L x W x H |
|--|---------------------------------------|
| E2-LS-SLIM-2-18/24W E2-LS-SLIM-2-18/24W-E E2-LS-SLIM-2-18/24W-M E2-LS-SLIM-2-18/24W-M-E | 606x60x82 (mm) 23.86"x2.36"x3.23" |
| E2-LS-SLIM-4-24/36W E2-LS-SLIM-4-24/36W-E E2-LS-SLIM-4-24/36W-M E2-LS-SLIM-4-24/36W-M-E | 1175x60x82 (mm) 48.03"x2.36"x3.23" |

E = Emergency Battery E-M = Motion Sensor & Emergency Batt
M = Motion Sensor

Applications



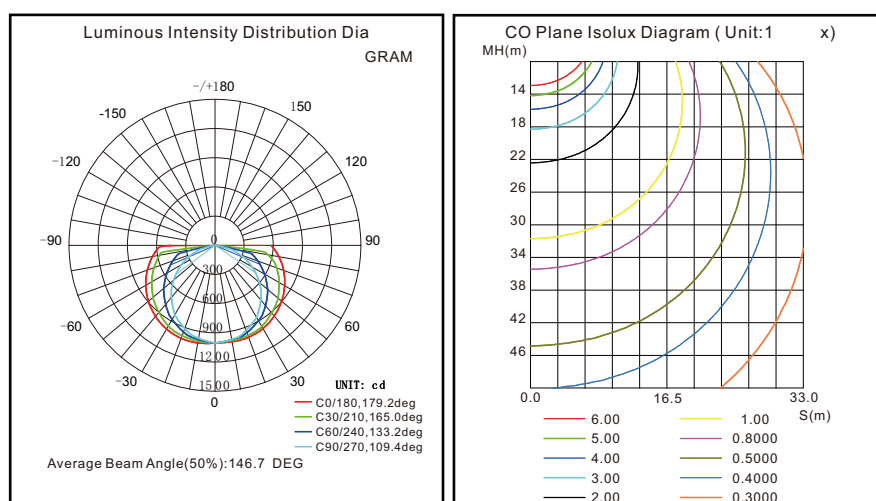
Specifications

| Part No. | Power | Input Voltage | Luminous Flux | Luminous Efficacy | CCT | Viewing Angle | Ra | PF | Warranty |
|--|---------|---------------|---------------|-------------------|-------------------------|---------------|-----|------|----------|
| E2-LS-SLIM-2-18/24W E2-LS-SLIM-2-18/24W-E E2-LS-SLIM-2-18/24W-M E2-LS-SLIM-2-18/24W-M-E | 18W/24W | AC100-277V | 3120lm | 130lm/W | 3500K 4000K 5000K | 120° | >80 | >0.9 | 5Years |
| E2-LS-SLIM-4-24/36W E2-LS-SLIM-4-24/36W-E E2-LS-SLIM-4-24/36W-M E2-LS-SLIM-4-24/36W-M-E | 24W/36W | | 4680lm | | | | | | |

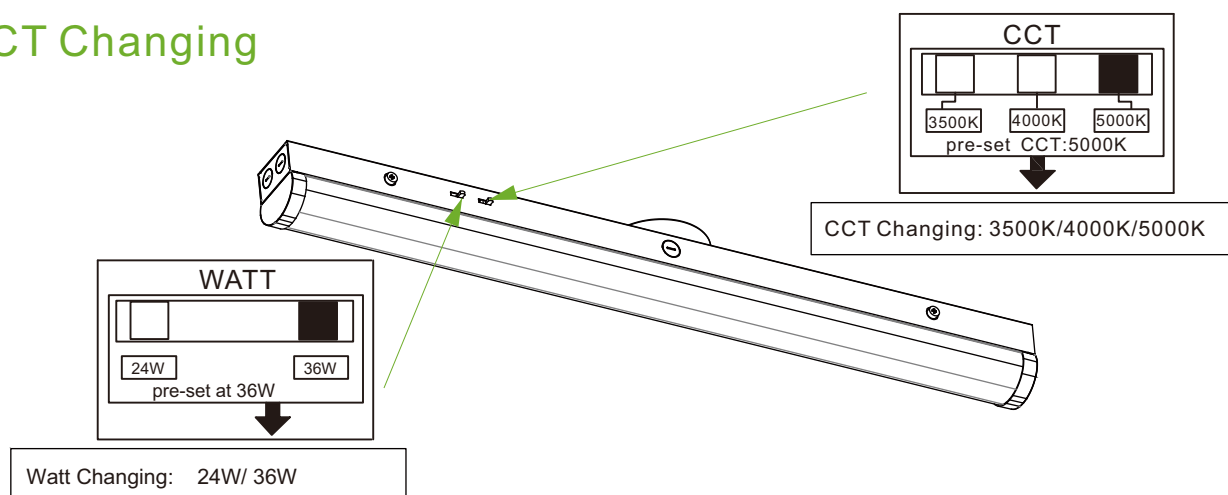
The following options are available upon customers' request:

1. CCT options: 4000K, 4500K, 5000K.
2. Available with external or built-in microwave motion sensor.
3. Emergency: the power is 8W, it will work for 1.5hrs in emergency mode.

Testing Report



CCT Changing



Important

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.

WARNING:

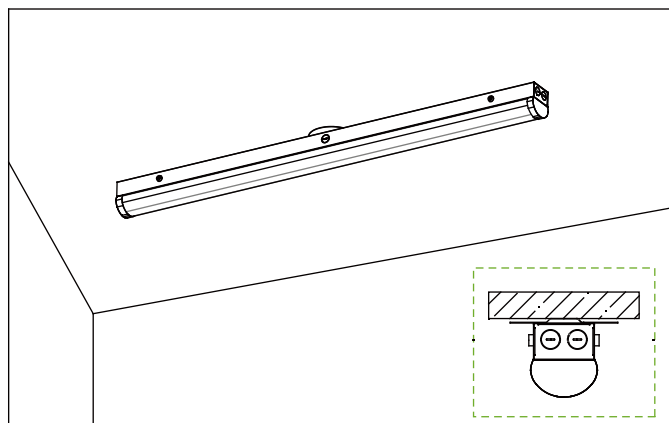
- ⚠ Risk of fire or electric shock. Fixture installation requires knowledge of luminaires electrical systems. If not qualified, Do Not attempt installation. Contact a qualified electrician.
- ⚠ Risk of fire or electric shock. Suitable for wet locations. Always turn off the power supply before installation.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

Note

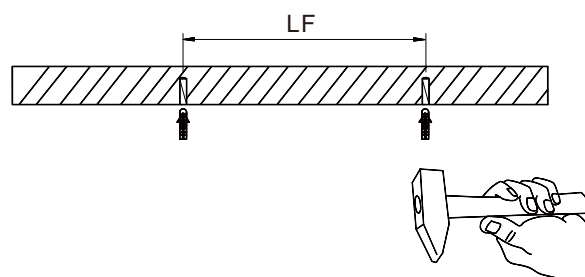
1. The installation and maintenance must be completed by electricians or professionals.
2. Please cut off the power before installation and maintenance.
3. The thermally insulating material is not allowed to cover the fixture.
4. Please keep away from the corrosive substance, and keep the fixture dry and clean.
5. Working temperature: $-4^{\circ}\text{F} \sim 113^{\circ}\text{F}$, storage temperature: $-22^{\circ}\text{F} \sim 140^{\circ}\text{F}$.

Installation manual

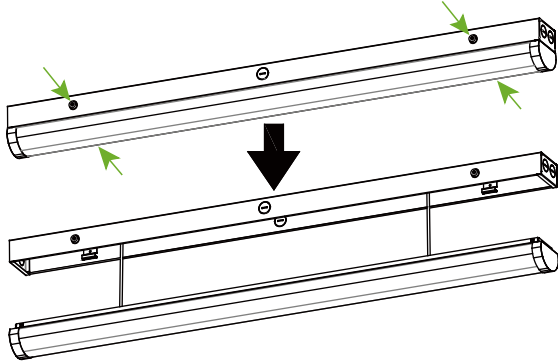
A.Surface-mounted installation



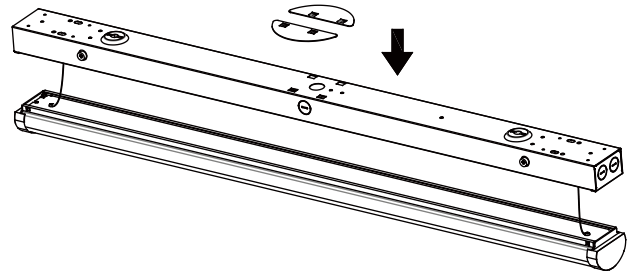
Step1. Punch a hole on the wall and put the expansion tube inside.



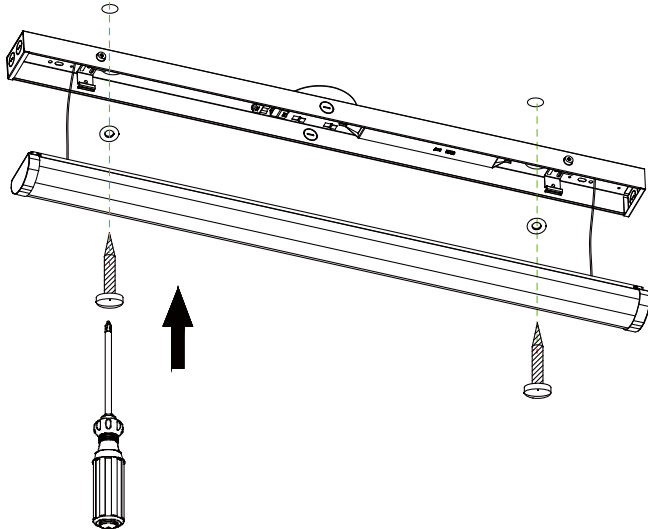
Step2. Press the buckle on both sides and remove



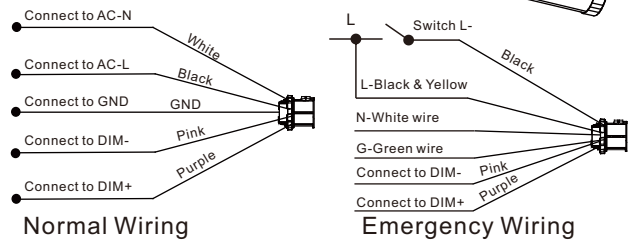
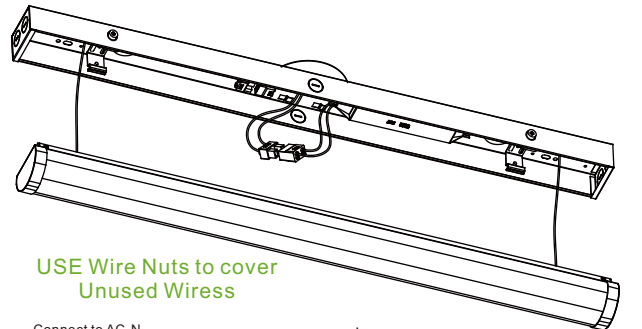
Step3.



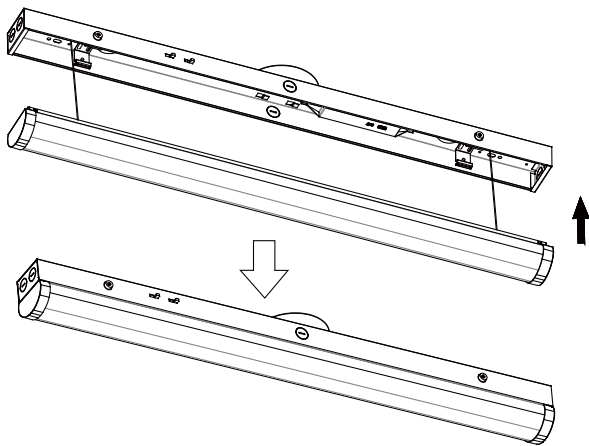
Step4. Secure the fixture on the wall and lock it in tight.



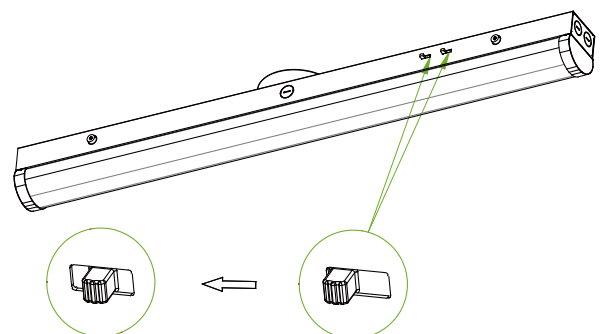
Step5. Turn off the power and wiring by using wire nuts.



Step6. Press upward the cover and lock it with springs tightly which located into the fixture

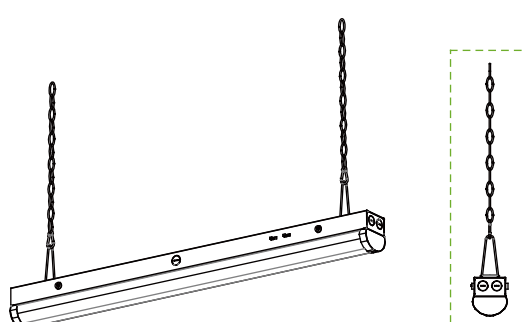


Step7. Installation completed.

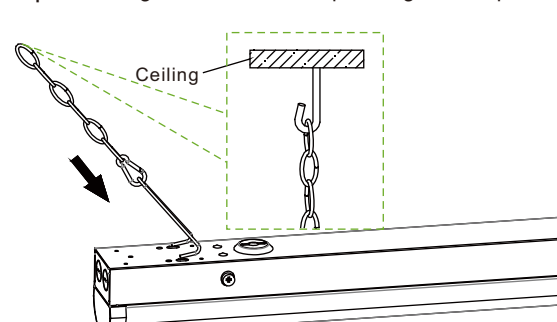


LED CCT Switch and Watt Switch

B. Suspending installation (With chains)



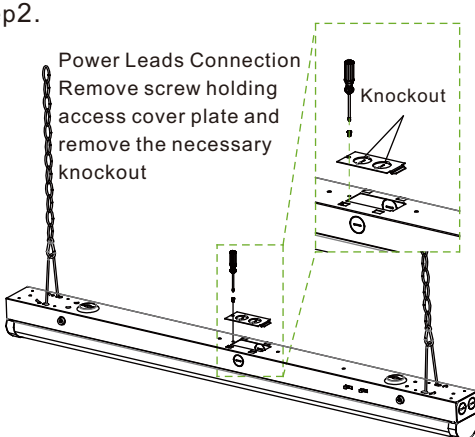
Step1. Fixing the hook and suspending the lamp



Ceiling

Step2.

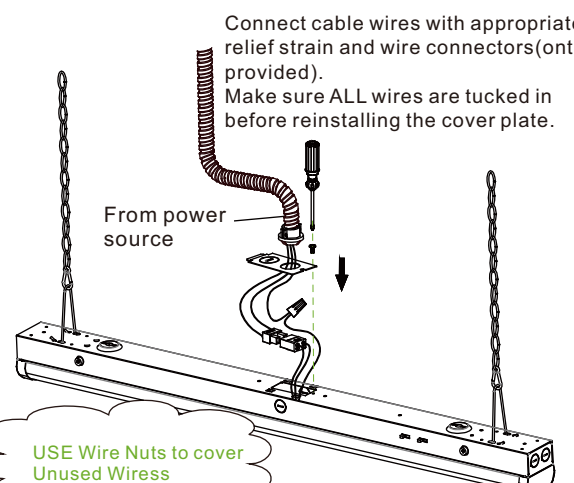
Power Leads Connection
Remove screw holding access cover plate and remove the necessary knockout



Knockout

Step3. Turn off the power and wiring by using wire nuts

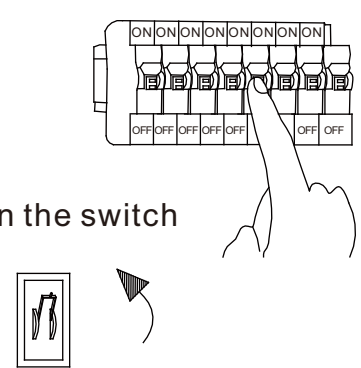
Connect cable wires with appropriate relief strain and wire connectors (ont provided).
Make sure ALL wires are tucked in before reinstalling the cover plate.



From power source

USE Wire Nuts to cover Unused Wires

Turn on the switch



Normal Wiring

- Connect to AC-N White
- Connect to AC-L Black
- Connect to GND GND
- Connect to DIM- Pink
- Connect to DIM+ Purple

Emergency Wiring

- L-Black & Yellow
- Switch L- Black
- N-White wire
- G-Green wire
- Connect to DIM- Pink
- Connect to DIM+ Purple

LED CCT Switch and Watt Switch

