

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

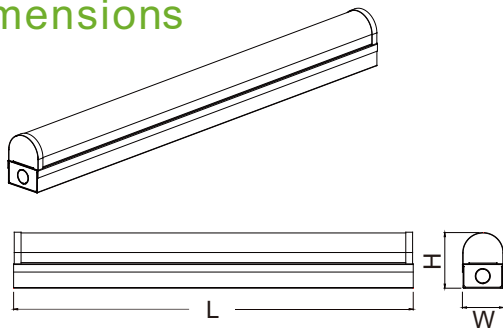
Product Description:

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 from within an aluminum extrusion lighting fixture. UL listed, DLC Premium listed and RoHs compliant.

Features

- 130lm/w.
- Die formed 0.5mm cold-rolled steel body.
- 0-10V dimming, universal voltage: 100-277V.
- Available with suspending installation and surface-mounted installation.
- Ideal Applications: school, hospital, supermarket, office and warehouse.
- 2ft & 4ft models.
- 5-year warranty.

Dimensions

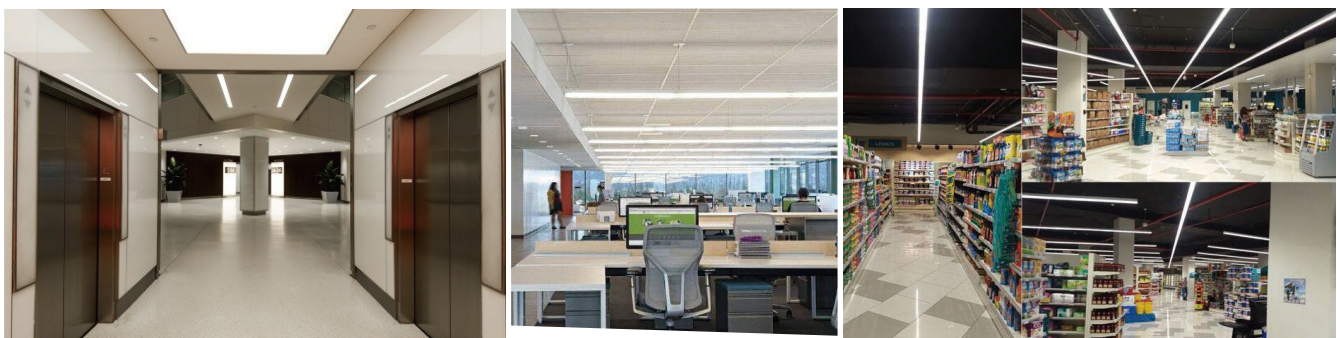


Model	L x W x H
E2-LS-SLIM-2-18/24W E2-LS-SLIM-2-18/24W-E E2-LS-SLIM-2-18/24W-M E2-LS-SLIM-2-18/24W-M-E	606x60x82 (mm) 23.86"x2.36"x3.23"
E2-LS-SLIM-4-24/36W E2-LS-SLIM-4-24/36W-E E2-LS-SLIM-4-24/36W-M E2-LS-SLIM-4-24/36W-M-E	1175x60x82 (mm) 48.03"x2.36"x3.23"

E = Emergency Battery
M = Motion Sensor

E-M = Motion Sensor &
Emergency Battery

Applications



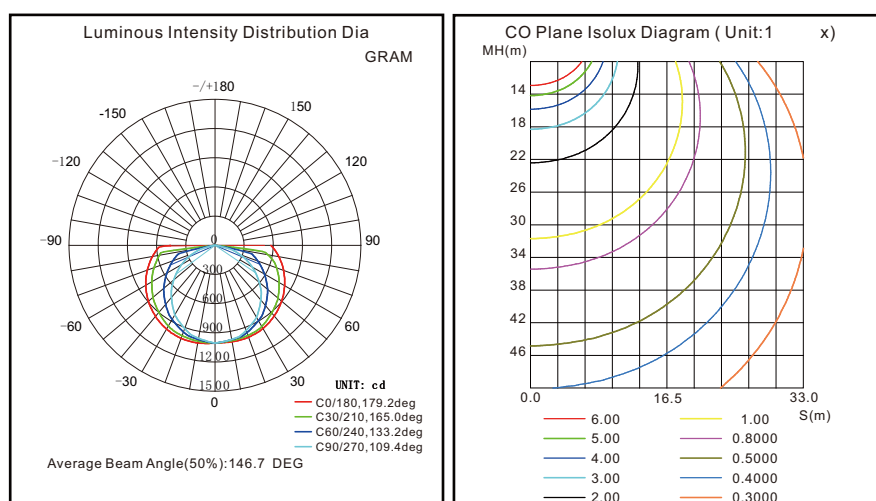
Specifications

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						

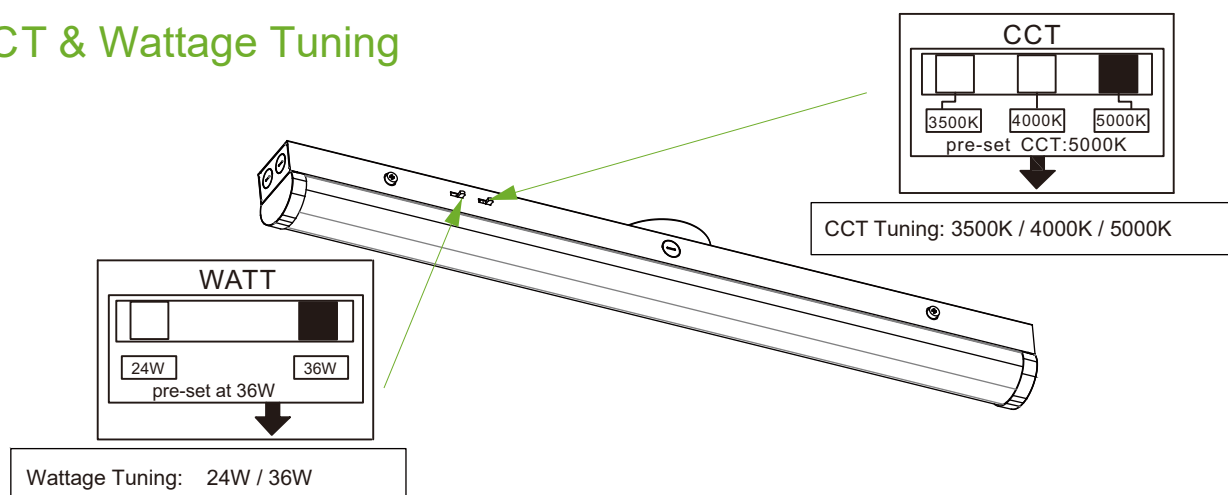
The following options are available upon customer request:

1. CCT options: 4000K, 4500K, 5000K.
2. Available with external or built-in microwave motion sensor.
3. Emergency Battery: 8W capacity, 1.5 hr runtime.

Testing Report



CCT & Wattage Tuning



Important

Read these instructions carefully before installation. Keep them 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:

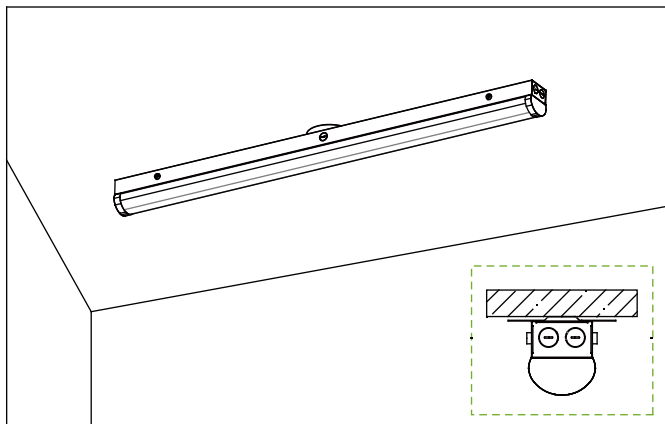
- ⚠ Risk of fire or electric shock. Fixture installation requires knowledge of luminaires electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician.
- ⚠ Risk of fire or electric shock. Suitable for wet locations. Always turn off the power supply before installation.
- ⚠ 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 surfaces.
- ⚠ DO NOT exert force on the surface of the fixture.

Note

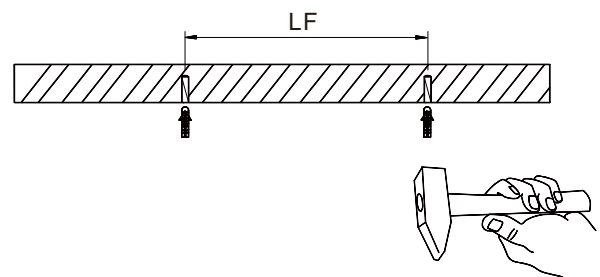
1. Installation and maintenance must be completed by electricians or professionals.
2. Cut off power to the fixture before installation and maintenance.
3. Thermally insulating material should not cover the fixture.
4. Keep the fixture dry, clean, and away from corrosive substances.
5. Working temperature: $-4^{\circ}\text{F} \sim 113^{\circ}\text{F}$, storage temperature: $-22^{\circ}\text{F} \sim 140^{\circ}\text{F}$.

Installation Manual

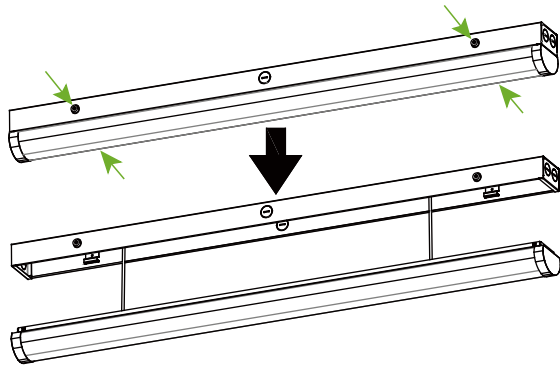
A.Surface-mounted Installation



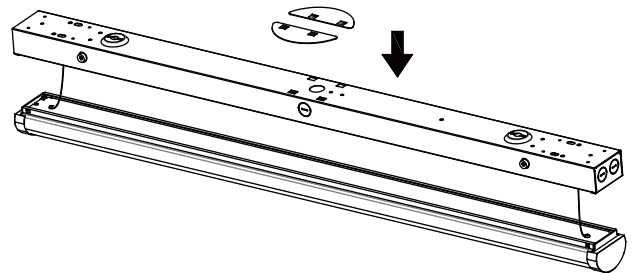
Step 1. Punch a hole in the wall and place the expansion tube inside.



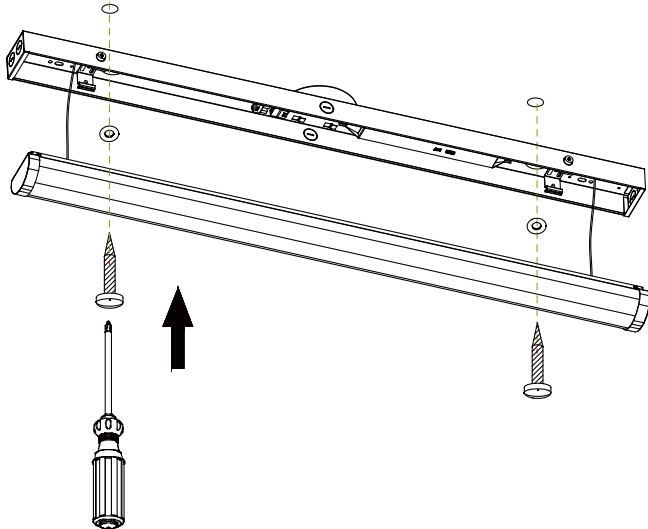
Step2. Press the buckle on both sides and remove



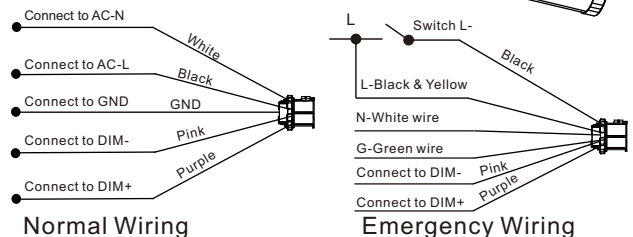
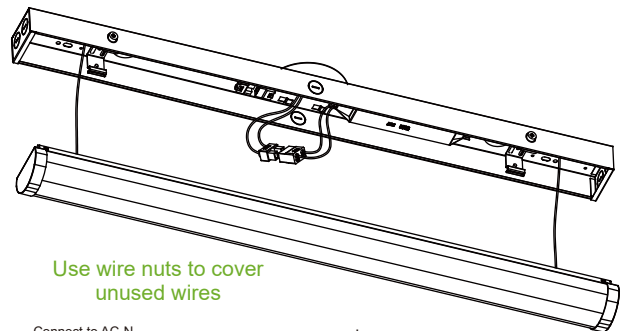
Step 3.



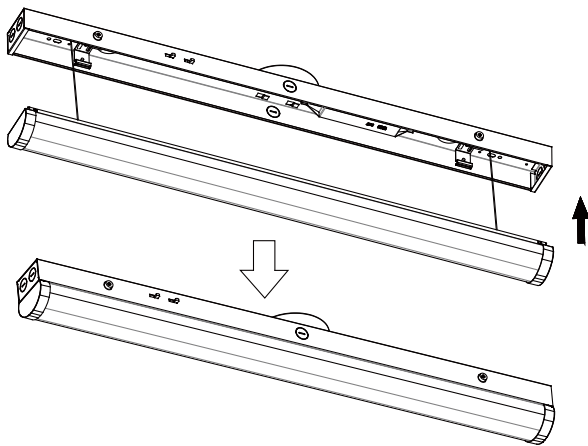
Step 4. Secure the fixture on the wall and lock it in tight.



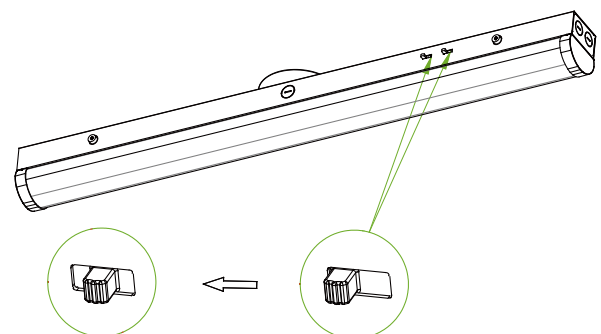
Step 5. Turn off the power and wiring by using wire nuts.



Step 6. Press upward the cover and lock it tight with springs located in the fixture.

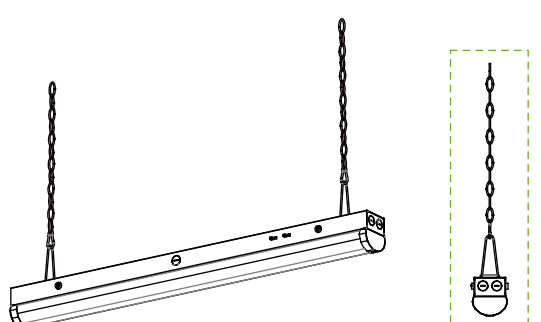


Step 7. Installation completed.

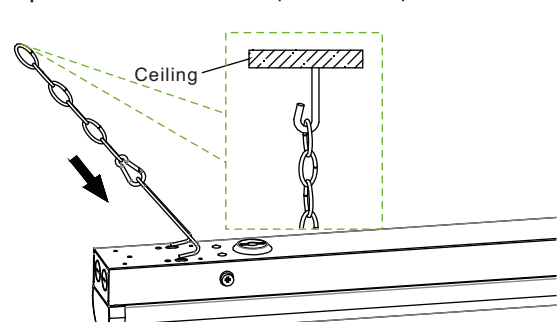


LED CCT Switch and Watt Switch

B. Suspending Installation (With Chains)



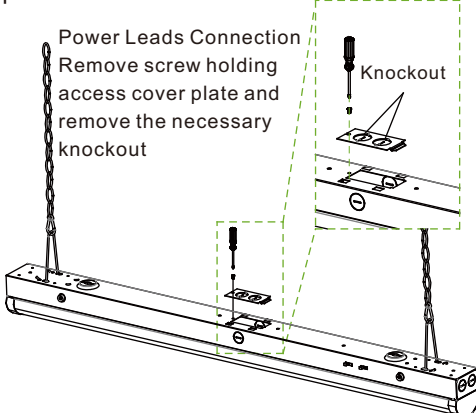
Step1. Fix the hook and suspend the lamp



Ceiling

Step2.

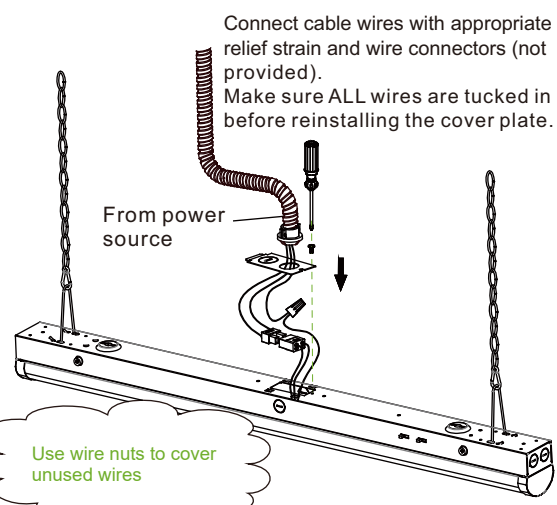
Power Leads Connection
Remove screw holding access cover plate and remove the necessary knockout



Knockout

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

Connect cable wires with appropriate relief strain and wire connectors (not provided).
Make sure ALL wires are tucked in before reinstalling the cover plate.



From power source

Use wire nuts to cover unused wires

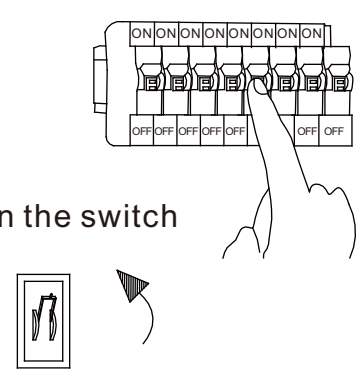
Normal Wiring

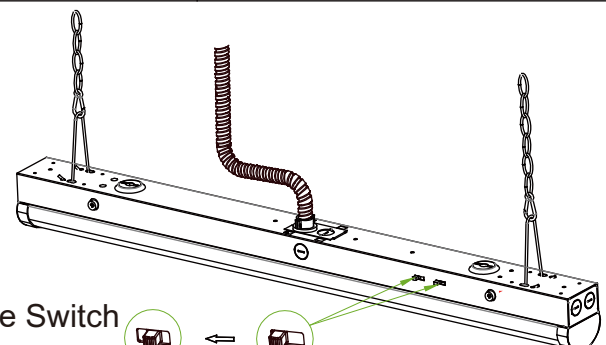
- Connect to AC-N: White
- Connect to AC-L: Black
- Connect to GND: GND
- Connect to DIM-: Pink
- Connect to DIM+: Purple

Emergency Wiring

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

Turn on the switch





LED CCT Switch and Wattage Switch