NEW
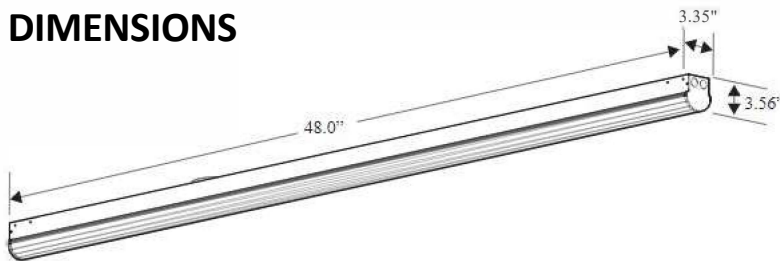
BLACK LED LINEAR STRIP FIXTURE LIGHT
W/ Emergency Battery Backup
(low bay) Wattage & CCT Tunable

4W Emergency Battery Backup

DIMENSIONS

3.35"

3.56"

48.0"

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

FEATURES:

- High lumens efficiency greater than 130 lm/W
- Reduces energy consumption by up to 60%
- Eight (8) knockout locations to best suit installation needs
- Surface or suspended mount
- 50,000 Hours L70 Lifespan
- UL and DLC® 5.1

APPLICATION:

- Indoor Luminaires
- Excellent for general utility applications to retrofit existing utility strip/channels
- Parking Garages, Warehouses, Offices, Restrooms, Storage Units and Stairwell Environments

TESTED DATA:

- Technical requirements Version: 5.1
- Light Output: 3200- 5200lm
- Wattage: 40/35/30/25/20W
- Efficacy: 134lm/W, 133lm/W
- Power Factor: 0.9
- CCT: 3000/3500/4000/5000/6500K
- CRI: 83
- THD: 16 %
- Frequency: 50-60Hz
- Input Voltage: AC100-277V
- IP Rating: Damp location
- Working Environment: - 4°F-113°F
- Beam Angle: 180°
- Dimming Compatible: Yes
- Mercury Content: No Hg
- Lens: Polycarbonate
- Dimensions: L48.00xW3.35xH3.56in
- Net Weight: 8.00lbs

WARRANTY:

E2 warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. Please see our complete warranty terms located at www.e2lightingusa.com.
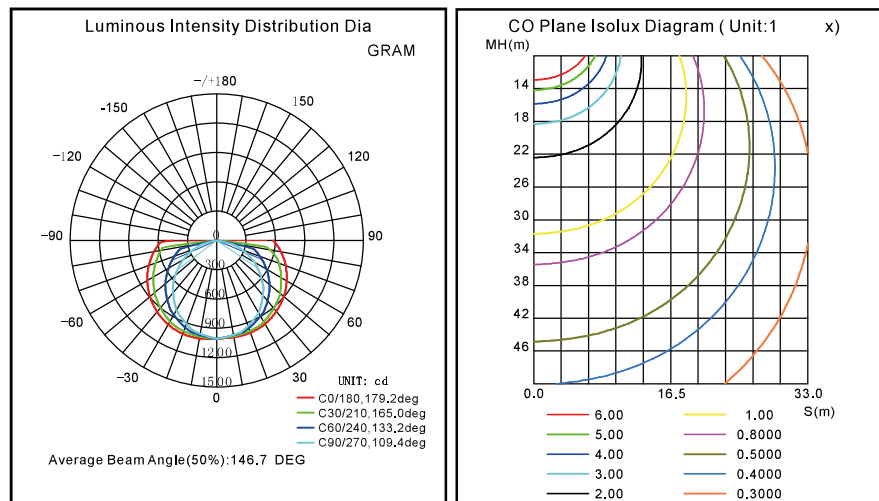
Specifications

Part No.	Power	Input Voltage	Luminous Flux	Luminous Efficacy	CCT	Viewing Angle	Ra	PF	Warranty
E2-LS-4-40/35/30/25/20W-30/35/40/50/65K-B E2-LS-4-40/35/30/25/20W-30/35/40/50/65K-B-E E2-LS-4-40/35/30/25/20W-30/35/40/50/65K-B-M E2-LS-4-40/35/30/25/20W-30/35/40/50/65K-B-E-M	40W 35W 30W 25W 20W	AC100-277V	5200lm	130lm/W	3000K 3500K 4000K 5000K 6500K	120°	>80	> 0.9	5Years

The following multiple functions can be achieved according to customers' requests:
1. CCT options: 3000K,3500K, 4000K, 5000K, 6500k
2. Available with external or built-in microwave motion sensor.
3. Emergency: the power is 8W, it can still work in 1.5hrs while emergency situation.

Testing Report

Luminous Intensity Distribution Diagram

UNIT: cd
— C0/180,179.2deg
— C30/210,165.0deg
— C60/240,133.2deg
— C90/270,109.4deg

Average Beam Angle(50%):146.7 DEG

CO Plane Isolux Diagram (Unit:1   x)
MH(m)
S(m)

— 6.00   — 1.00
— 5.00   — 0.8000
— 4.00   — 0.5000
— 3.00   — 0.4000
— 2.00   — 0.3000

Inportant

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°F ~ 113°F, storage temperature: -22°F~ 140°F.
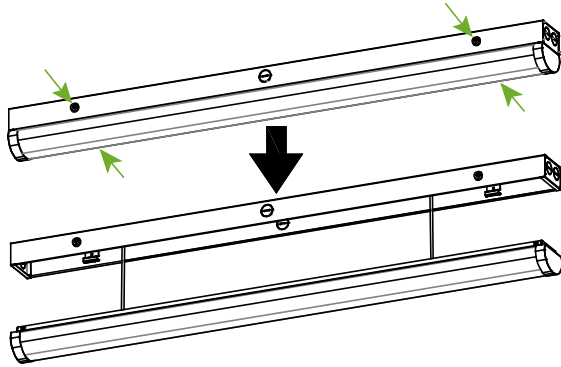
Installation manual

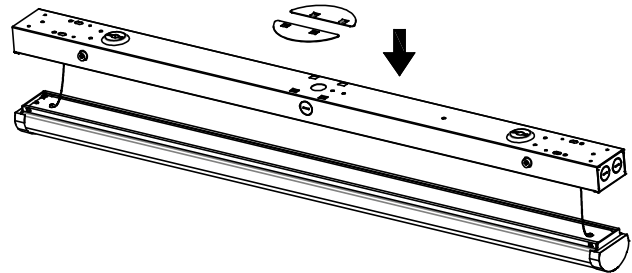A.Surface-mounted installation
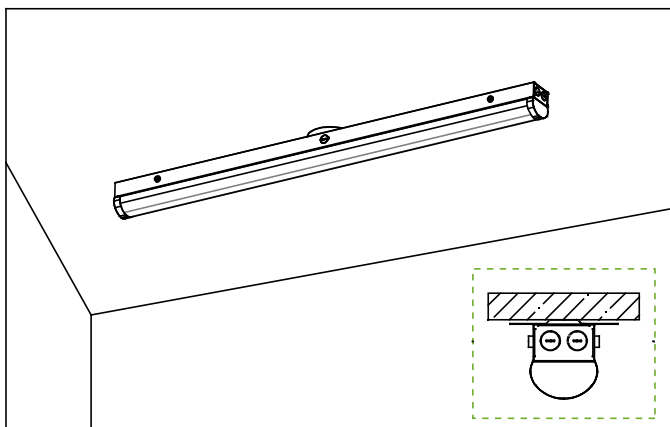
Step1. Punch a hole on the wall and put the
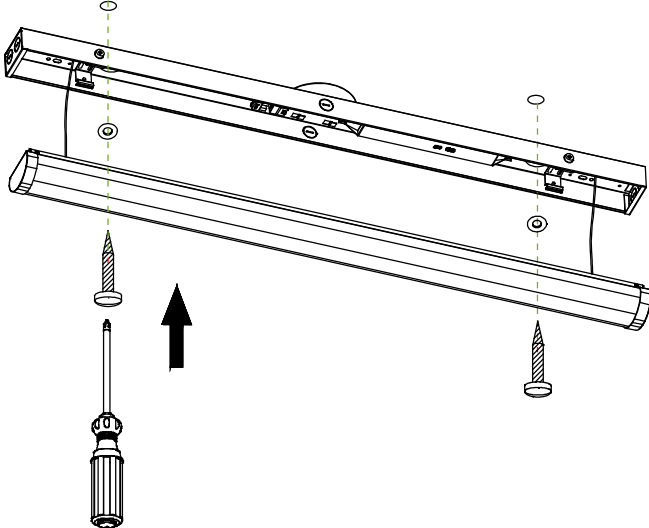expansion tube inside.

LF
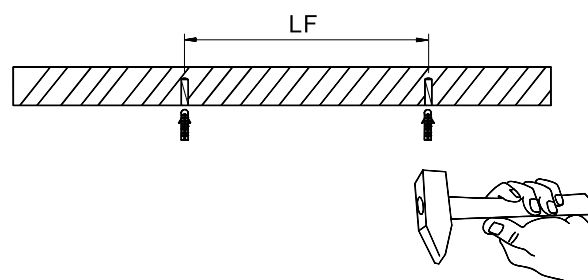
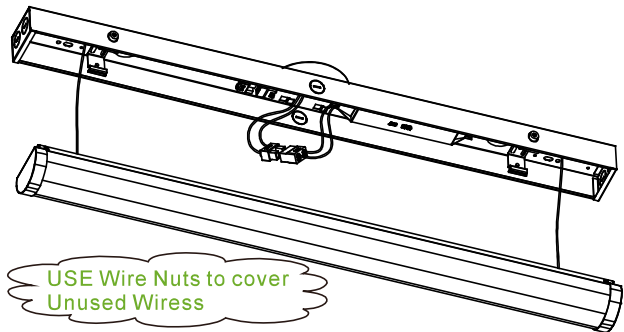**Step2.** Press the buckle on both sides and remove

Step3.

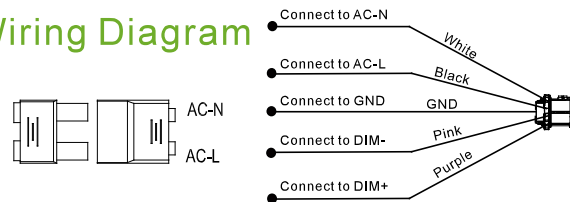**Step4.** Secure the fixture on the wall and lock it in tight.

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

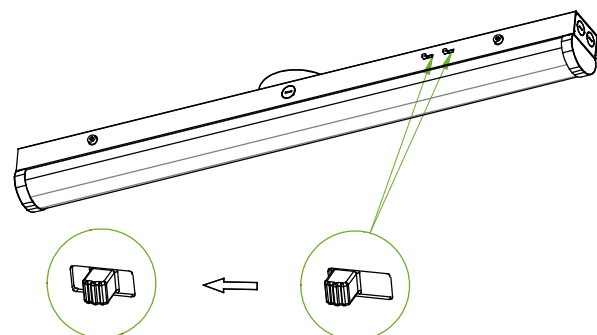USE Wire Nuts to cover Unused Wiress

Wiring Diagram

AC-N

AC-L

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

Step6. Press upward the cover and lock it with springs tightly which located into the fixture
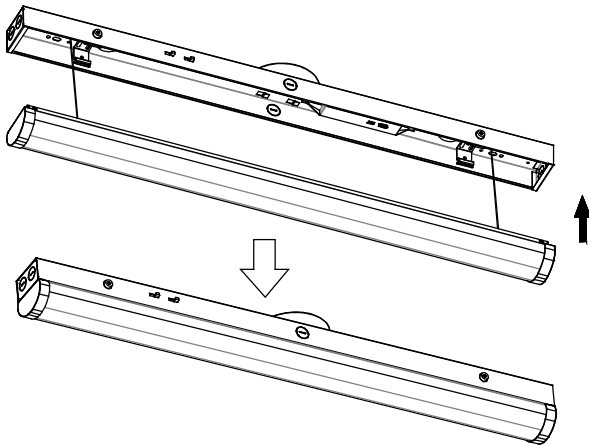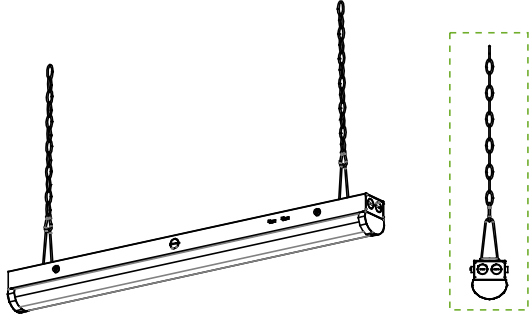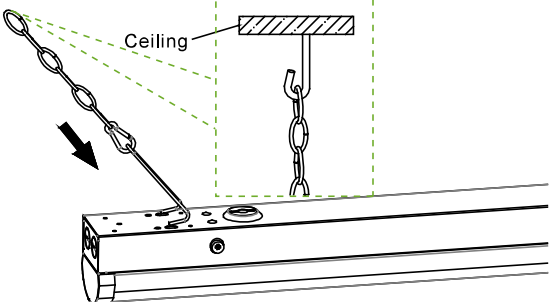
Step7. Installation completed.

LED CCT Switch and Watt Switch
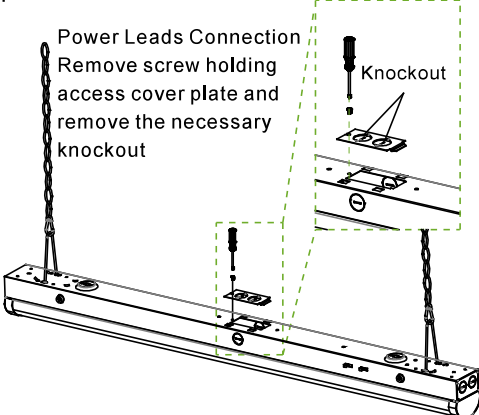
B.Suspending installation（With chains）

Step1. Fixing the hook and suspending the lamp
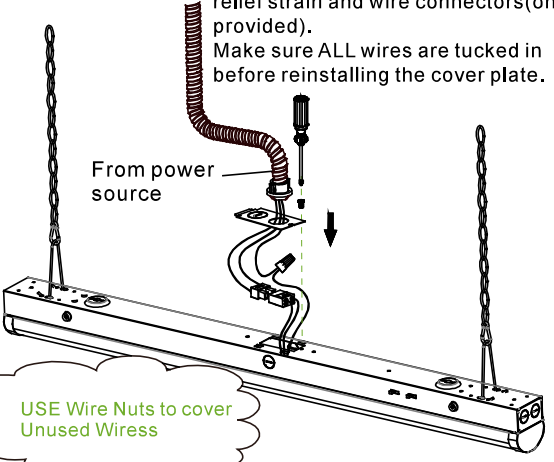
Ceiling

Step2.

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

Knockout

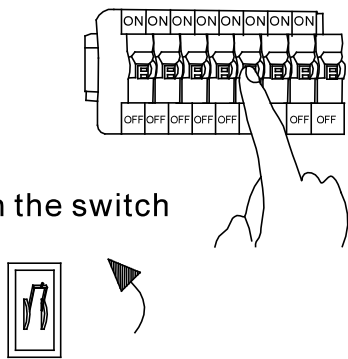**Step3.** Turn off the power and wiring by using wire nuts

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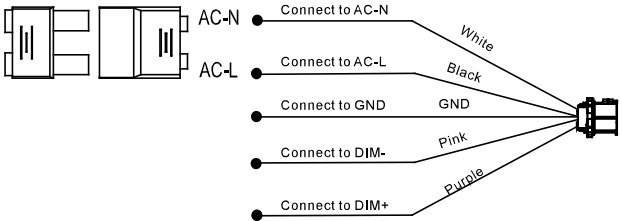Make sure ALL wires are tucked in
before reinstalling the cover plate.

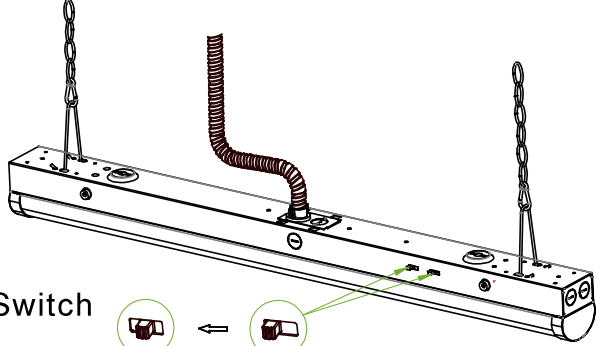From power
source

USE Wire Nuts to cover
Unused Wiress

ON ON ON ON ON ON ON ON

OFF OFF OFF OFF OFF   OFF OFF

Turn on the switch

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

LED CCT Switch and Watt Switch