sunlite®

INSTALLATION INSTRUCTIONS

LED LINEAR STRIP LIGHTS
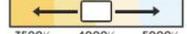
Please read and understand this entire manual before attemptiong to assemble, operate or install the produc.
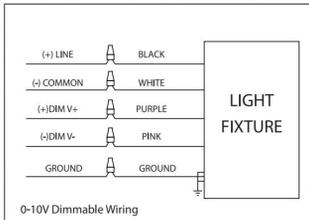**WARNINGS & CAUTIONS:** Risk of fire or electric shock. Turn power off before inspection, installation code by a persion familiar with the construction and operation of the product and the hazards involved. if you do not have sufficient electrical wiring experience, please consult a qualified electrician. To prevent wiring damage of abrasion, do not expose wiring to edges of sheet metal or other sharp objects. Do not install this fixture where there is risk of rain or moisture exposure. Install this kit only in the luminaires that have construction features and dimnstions shown in the instructions. Ambient operation temperature -20℃~50 ℃(-4℉ ~122F). Min 90℃ supply conductors, Suitable for damp locations.
Remark: Ambient operation temperature -0℃~50 ℃(32℉ ~122F) for Emergency Battery.

Installation

Wiring Diagram

|	
(+) LINE	BLACK
(-) COMMON	WHITE
(+)DIM V+	PURPLE
(-)DIM V-	PINK
GROUND	GROUND

LIGHT FIXTURE

0-10V Dimmable Wiring

What the holes used for?
① for Suspension installation(V-Hook).
② for Surface installation(ceiling) and cornner bracket installation.
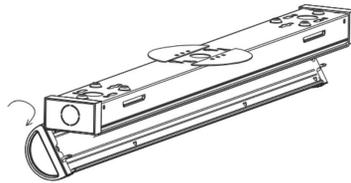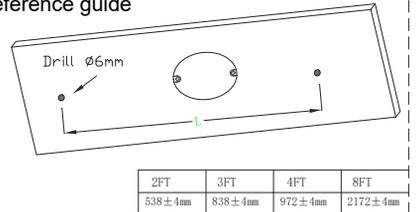③ for Surface installation(ceiling with J-box).
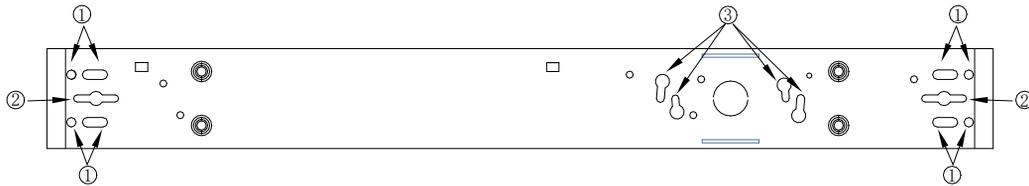
Ceiling Mount

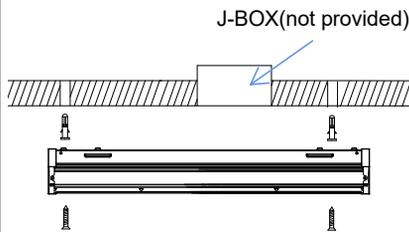1. Insert J-Box cover in to slots on the bottom of the fixture like shown below
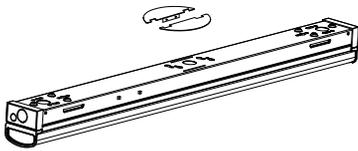
2. Open the lens section. the lens will hang off of the fixture hinge.

3. Drill mounting holes in ceiling using reference guide

Drill Ø6mm

2FT	3FT	4FT	8FT
538±4mm	838±4mm	972±4mm	2172±4mm

4. Insert anchors into drilled holes from step3 and install fixture using provided screws.

J-BOX(not provided)

5. Connect supply wires to fixture wires. Black to bllac, white to white, and green to green. for 0-10v diming, connect the violet wire to the positive dimming wire and the grey wire to the negative dimming wire

8~10mm

UL14~18AWG
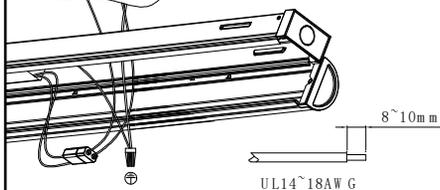
6. Select color temperature and wattage on switches on the side of the fixture(shown below)
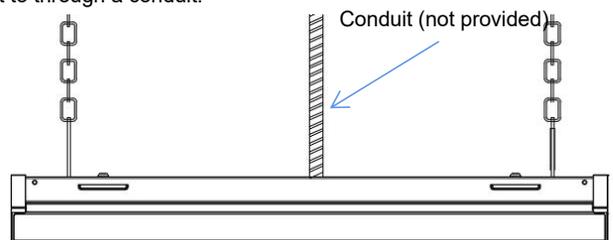
CCT/W selectable switch
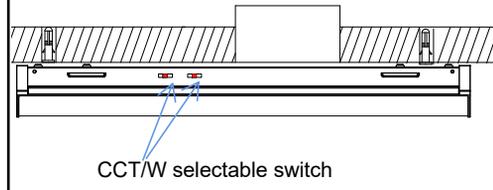
Suspended mount kit (sold seperately) 85636-SU

1. Attach V-Hooks to existing keyholes on the fixture.
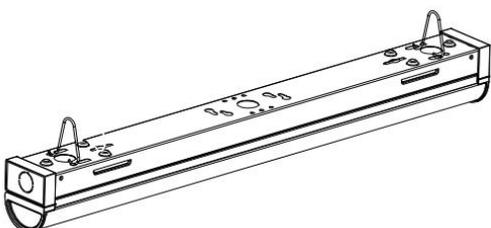
2. Hang the v-hook on the chain.
3. Wiring method is the same as ceiling mount. All of the wiring must to through a conduit.

Conduit (not provided)

sunlite®
LED LINEAR STRIP LIGHTS

Linking Bracket for suspended mount(Sold seperately)

1. Insert the linking brakect on fixture then secure with screw as we provided

Linking brakect
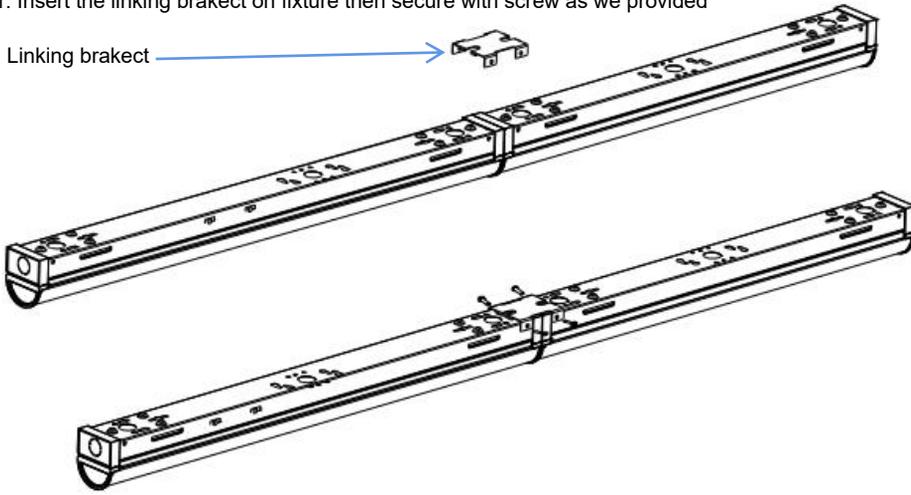
Corner Bracket for corner mount(Sold seperately)

1. Drill mounting holes on the wall using the reference guide below.

Corner brakect
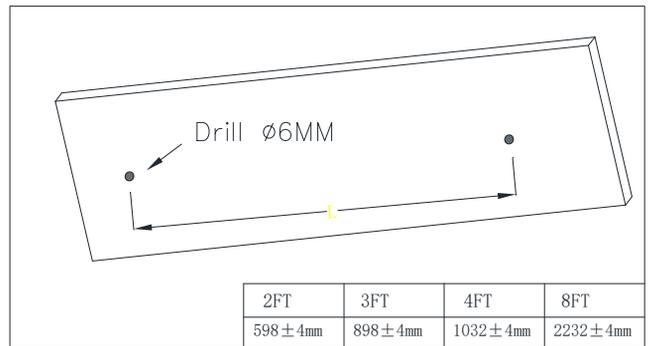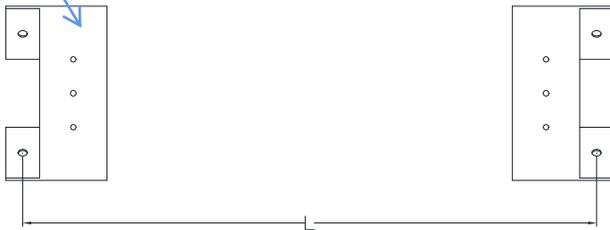
Drill ⌀6MM

2FT	3FT	4FT	8FT
598±4mm	898±4mm	1032±4mm	2232±4mm

2. Insert anchors into the mounting holes then attach the corner bracket on the wall by screwing. screws into anchors.
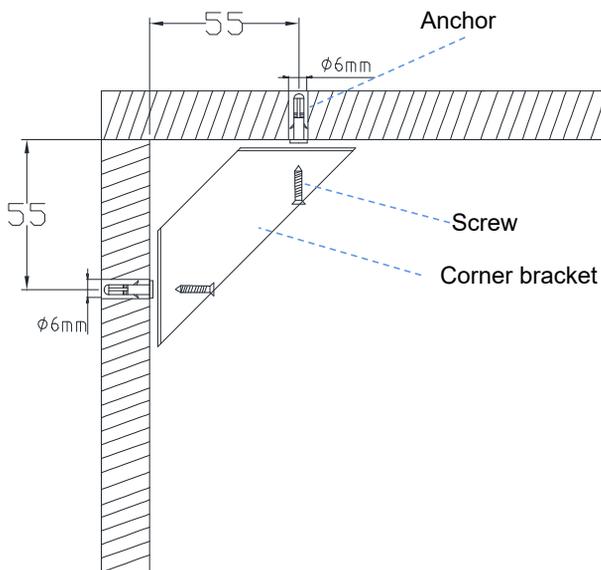
55
⌀6mm
Anchor
55
⌀6mm
Screw
Corner bracket

3. Mount the fixture on the brackets by M4*10 screws.

⌀6mm
⌀6mm

Fixture

M4*10 Screw

With Emergency battery-4W   (Sold seperately)

Female connector to connect the male connector from the LED board

Male connector to connect the female connector from the Driver output

M4 screw nut

4W EM installed in the fixture by screw and nut

Fast connector with black wire

White wire to wiring to the connector from the fixture

LED Driver

15mm knockout hole for install the test switch

M4 screw for install the EM

Test switch

With Emergency battery-6W OR 8W   (Sold seperately)

Female connector to connect the male connector from the LED board

Male connector to connect the female connector from the Driver output

M4 screw nut

EM Driver and battery installed in the fixture by screw and nut
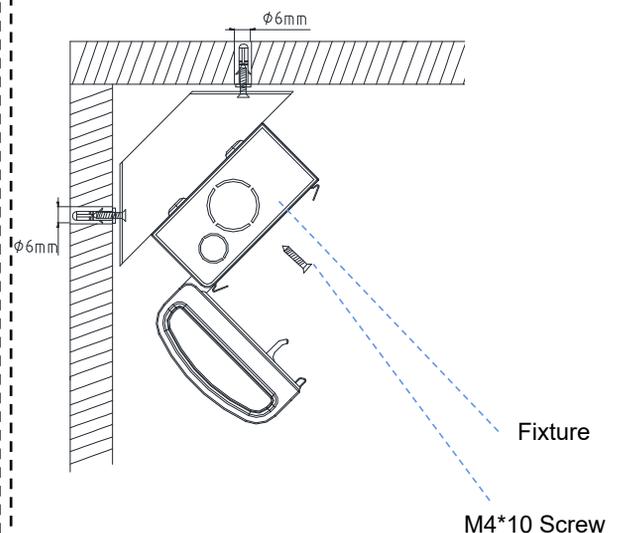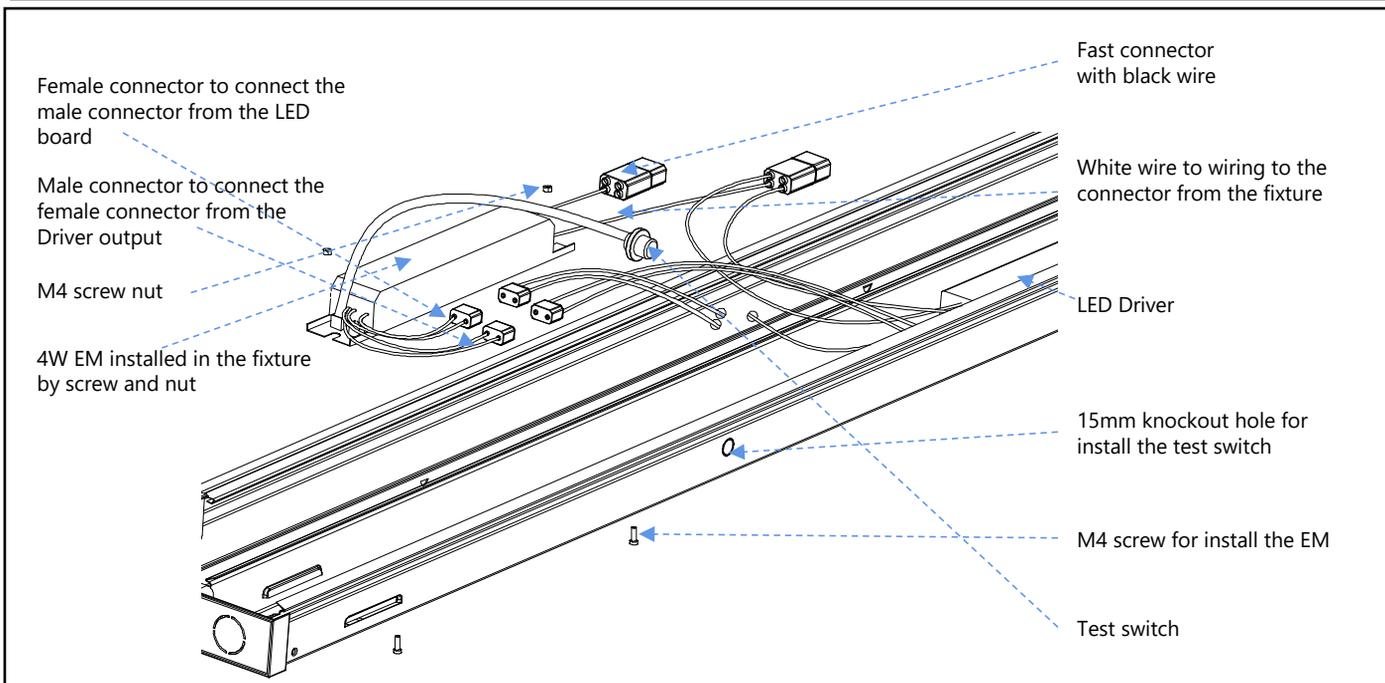
Fast connector with black wire

White wire to wiring to the connector from the fixture

LED Driver

15mm knockout hole for install the test switch

M4 screw for install the EM

Test switch

4W EM Wiring Diagram

Brown 12V+
Yellow 12V-
Pink Dim-
Purple Dim+
White N
Black L

LED Driver

AC-N
AC-L
Switch

*Can connect this wire if need light at 3500K under Emergency

Red+ 3500K
Blue -
Black+ 5000K

Black+ 5000K
Blue -

L
N
1
2
3
4
Ground

8
7
6
5

LED +
LED -
Driver LED +
Driver LED -

Emergency LED Driver with Battery

Test switch and indicator light

6 or 8W EM Wiring Diagram

Brown 12V+
Yellow 12V-
Pink Dim-
Purple Dim+
White N
Black L

AC-N
AC-L
Switch

LED Driver

*Can connect this wire if need light at 3500K under Emergency
Red+ 3500K
Blue -
Black+ 5000K

L 1
N 2
Ground 3
4

Emergency LED Driver

8 Driver LED +
7 Driver LED -
6 LED -
5 LED +

Blue -
Black+ 5000K

Test switch and indicator light

Battery

1. Wiring(When fixture was installed EM).
 Input L black wire to wiring the EM connector. input L black wire to wiring the fixture connector. input N white wire to wiring the fixture connector. input Grond wire to wiring the fixture.

8~10mm
UL14~18AWG

Fast connector from fixture   Fast connector from EM

Indicator Light Introduction

①Red/ON: Charging or charge full
②Red/OFF: Discharging or AC Power is off

Red ON — Charging or Full-charged ①
Red OFF — Discharging or AC Power is off ②
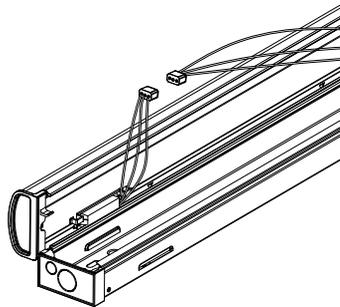
Test Switch Introduction

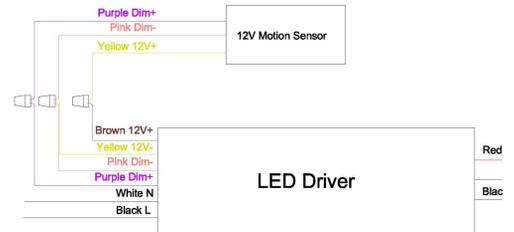Press the test swith to confirm whether emergency function is normal

Motion Sensor (Sold seperately)

1. install the 12V sensor on the fixture. and wiring to the driver by fast connector.

Sensor default settings:
Brighness:100%
Sensitivity:75%
Hold Time:10S
Daylight Sensor:Disable
Stand-by dim: 10%
Stand-by time: +∞
*You can change the settings from the factory default setting by remote(sold seperately Item no. 85639-SU)

Wiring diagram

Purple Dim+
Pink Dim-
Yellow 12V+

12V Motion Sensor

Brown 12V+
Yellow 12V-
Pink Dim-
Purple Dim+
White N
Black L

LED Driver

Red
Blac

Photocell (Sold seperately)

1.Wiring. wire as the wiring diagram.

8~10mm
UL14~18AWG

Photocell

Wiring Diagram

photocontrol
Lock Nut
Gasket
Line
Black
Red
White
Load
Neutral

N white wire   L Black wire   Red wire