

Items:

F-L4/40W/CTS/D-87  
F-L4/40W/CTS/EM-87  
F-L4/40W/CTS/MS-87

F-L8/64W/CTS/D-87  
F-L8/64W/CTS/EM-87  
F-L8/64W/CTS/MS-87



## LED LINEAR STRIP LIGHT CCT SELECTABLE INSTALLATION INSTRUCTIONS

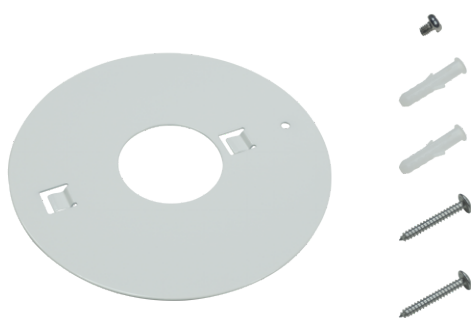


### Warnings to avoid risk of electrical shock

- Make certain electrical supply is OFF before energizing fixture
- Make all electrical and grounded connections in accordance with local codes or the National Electrical Code. Failure to do so may result in serious personal injury.
- All wiring connections must be done by a qualified electrician and should be capped with UL approved connectors.
- To avoid risk of burn be sure fixture temperature is cool enough to touch before handling.
- While the light is on, please avoid direct eye exposure.
- Combustible materials should be kept away from fixture/lens.

### Parts List

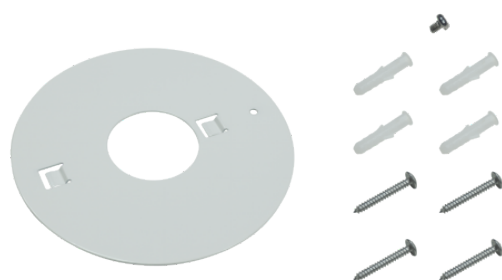
#### Surface mount kit --4ft (included)



#### Parts:

- (1) J-box Adapter
- (2) Anchors
- (3) Screws

#### Surface mount kit --8ft (included)



#### Parts:

- (1) J-box Adapter
- (4) Anchors
- (5) Screws

**Items:**

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 F-L4/40W/CTS/EM-87      F-L8/64W/CTS/EM-87  
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## LED LINEAR STRIP LIGHT CCT SELECTABLE INSTALLATION INSTRUCTIONS

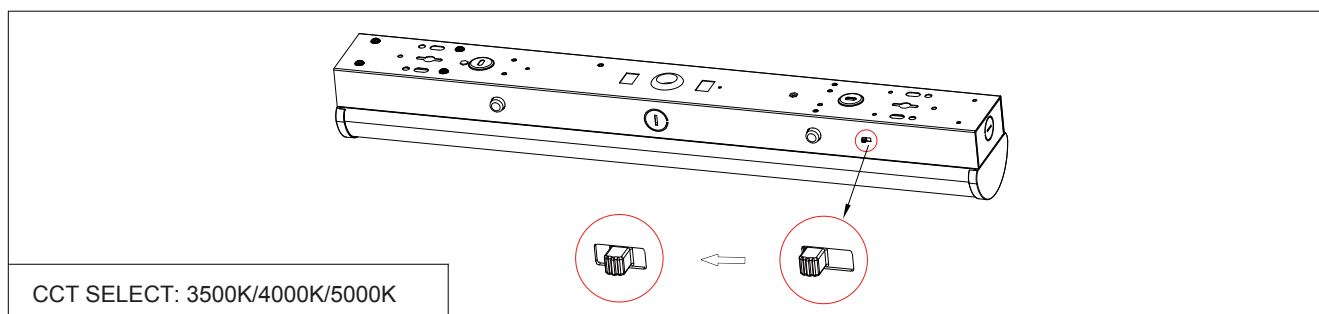
Part No.	Input Voltage	Frequency	Power	Rated Current
F-L4/40W/CTS/D-87	AC120-277V	50/60HZ	40W	0.367A/0.159 120V/277V
F-L4/40W/CTS/EM-87	AC120-277V	50/60HZ	40W	0.367A/0.159 120V/277V
F-L4/40W/CTS/MS-87	AC120-277V	50/60HZ	40W	0.367A/0.159 120V/277V
F-L8/64W/CTS/D-87	AC120-277V	50/60HZ	64W	0.587A/0.254A 120V/277V
F-L8/64W/CTS/EM-87	AC120-277V	50/60HZ	64W	0.587A/0.254A 120V/277V
F-L8/64W/CTS/MS-87	AC120-277V	50/60HZ	64W	0.587A/0.254A 120V/277V

The fixture is suitable for indoor and damp applications.

### Surface mount Installation

1. Disconnect electricity at fuse or circuit breaker box.
2. Remove parts pack and fixture components in order to make sure that all parts are there. (Parts list)
3. Select the desired CCT

#### CCT SELECT



**Items:**

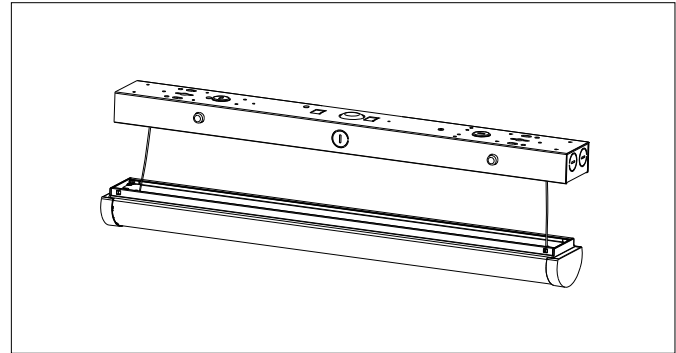
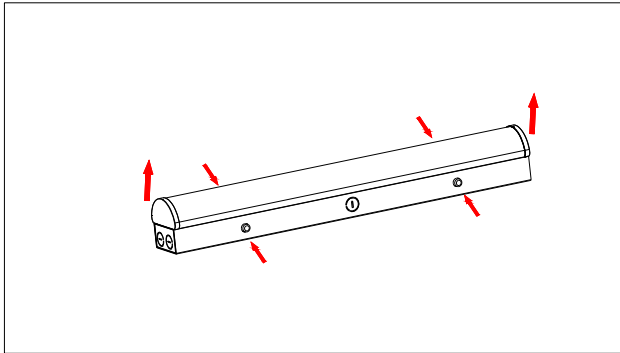
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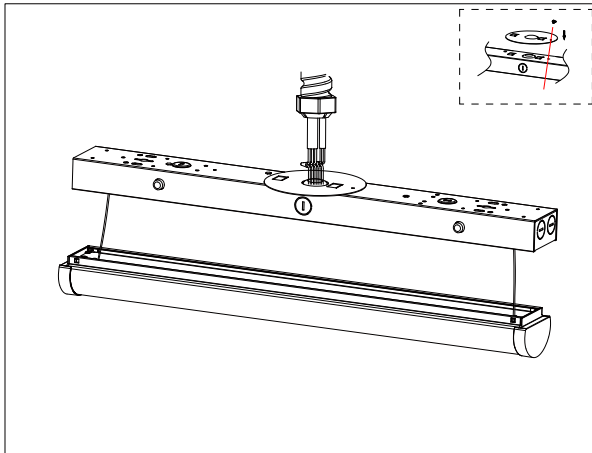


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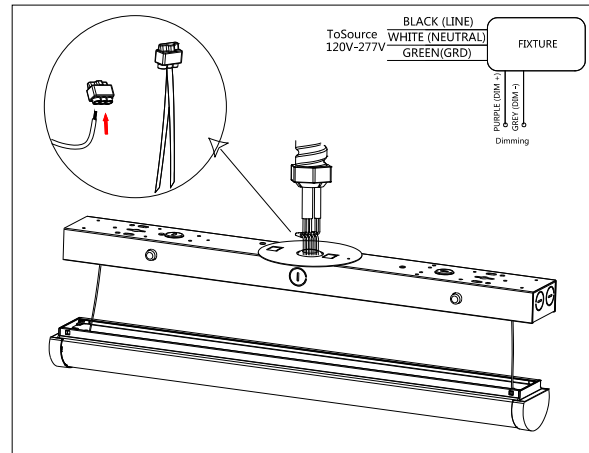
**4. Swing open fixture by pushing in/squeezing both buttons located on opposite ends. Lift the LED Cover to disengage.**



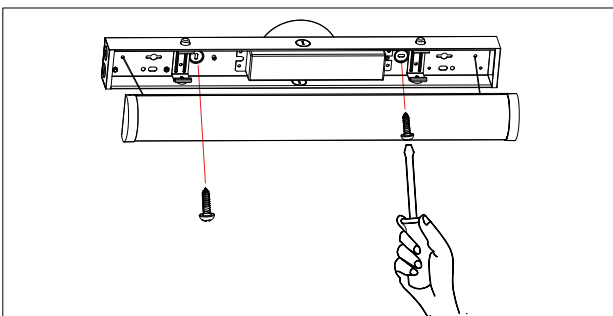
**5. Run the fixture's power wires through the center hole of the round J-box adapter. Slide and secure the round J-Box adapter on the center slots located on the back of the fixture. Note: J-Box Adapter is used to cover the Junction Box**



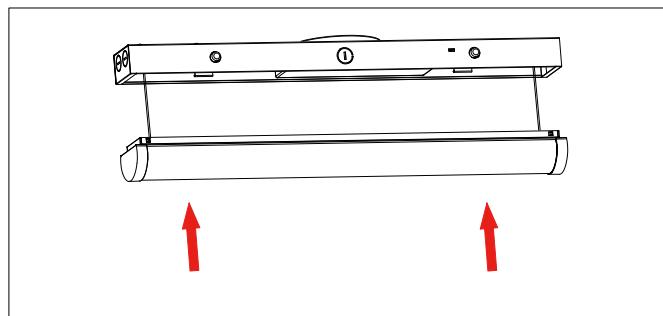
**6. Make supply connections to the fixture's ground, black, and white wire using the wiring diagram on page 6.**



**7. Locate the surface mounting holes and securely mount the housing directly to a sturdy surface using the correct mounting hardware. For reference, mounting holes are spaced 36 1/4" on 4' model and 83 3/8" apart on the 8' model.**



**8. Secure the LED Cover to the Housing by Pressing upward and lock it with springs tightly located into the fixture.**



**Items:**

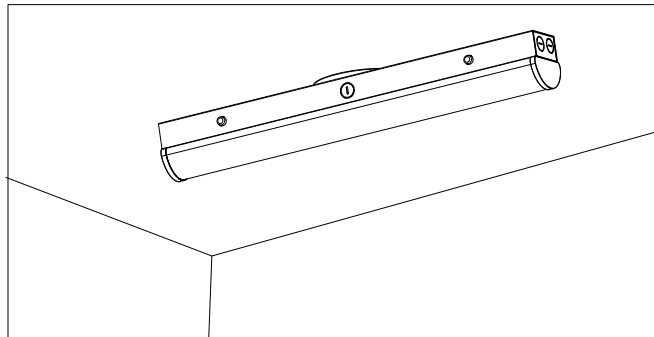
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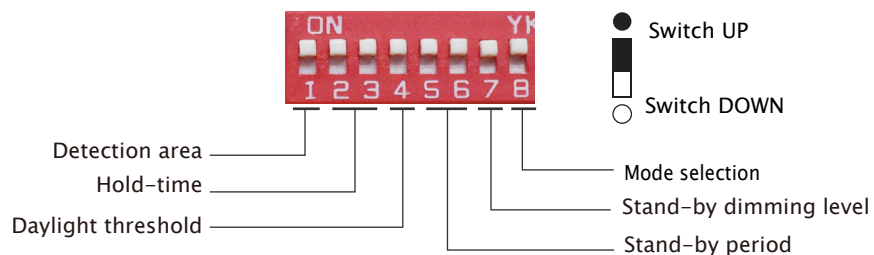
## LED LINEAR STRIP LIGHT CCT SELECTABLE INSTALLATION INSTRUCTIONS

### 9. Energize the luminaire to verify operation.



### Motion Sensor Pre-programmed Settings

Detection area	Hold Time	Daylight Threshold	Stand-by period	Stand by dimming level	Mode Selection
100%	5 Min	Disable	0 Second	10%	On



●	100%
○	50%

#### Detection area

In this area, movement will be detected and able to trigger the sensor. 100% detection area is also known as the strong sensitivity.

●	●	30s
●	○	1min
○	●	2min
○	○	5min

#### Hold-time

The period of light keeping 100% brightness after moving objects leave the detection area.

●	Disable
○	50lux

#### Daylight threshold

Definition of the ambient brightness; only when the ambient brightness is lower than the preset specific lux amount, the sensor will work; when it's preset as "disable", the sensor works everytime it detects motion regardless the ambient brightness.

●	●	0s
●	○	1min
○	●	5min
○	○	+∞

#### Stand-by period

The period of light keeping low output before it's completely switched off. When it's preset as "∞", the light always keep at low output if no movement in the detection area and doesn't turn off.

●	10%
○	30%

#### Stand-by dimming level

The definition of low output in the standby period.

●	ON
○	OFF

#### Mode selection

Sensor mode on when the DIP switch is up; sensor mode off when the DIP switch is down.

**Items:**

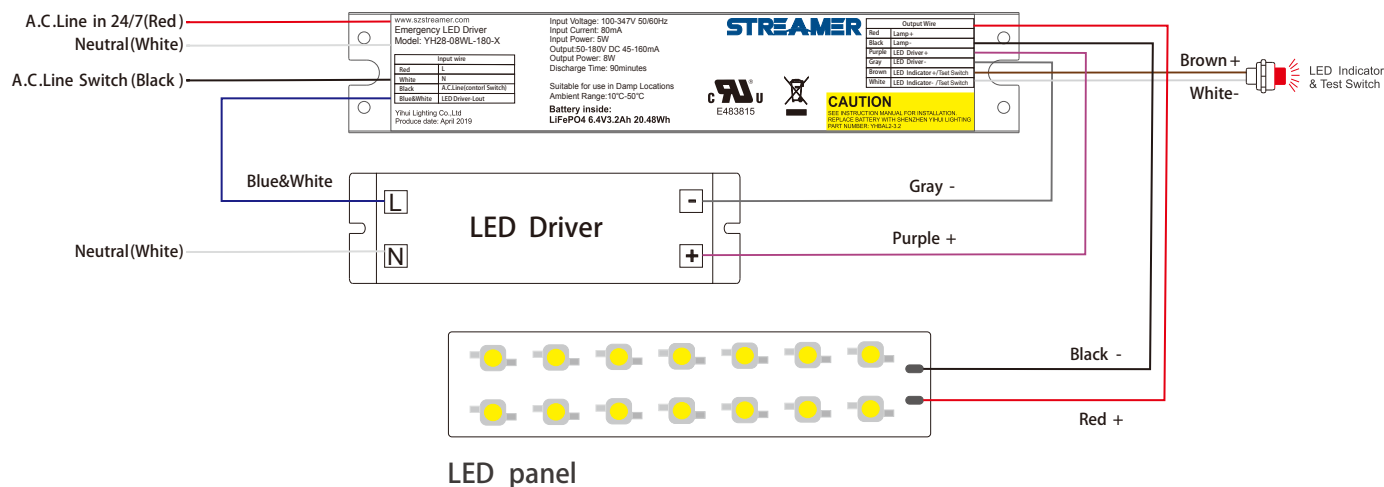
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# LED LINEAR STRIP LIGHT CCT SELECTABLE INSTALLATION INSTRUCTIONS

## EMERGENCY Wiring Diagrams



**Note:** The driver must be grounded.

**Test switch:** The fixture will go to emergency state when pressed. The emergency state is when the light output of the fixture goes to 10%–20%. To turn off the emergency state, press and hold the test switch for 3 seconds. The emergency battery will continue to charge when the test switch is not pressed.

**LED Indicator:** If the battery has a defect, the indicator light will flash while the fixture is charging.

Items:

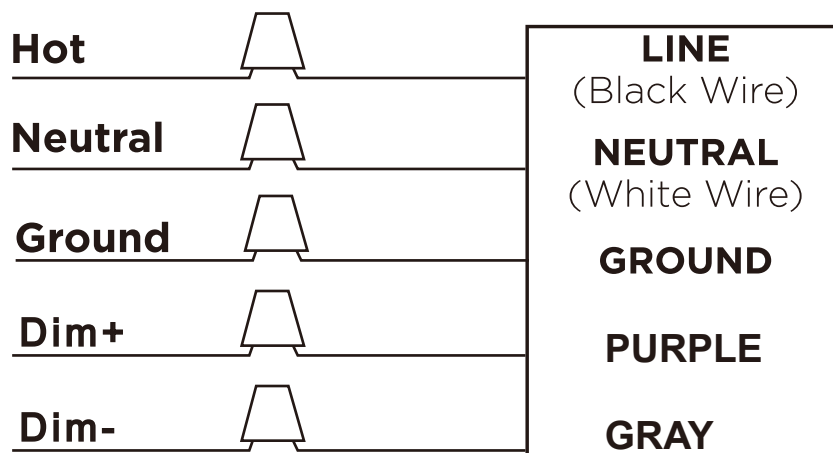
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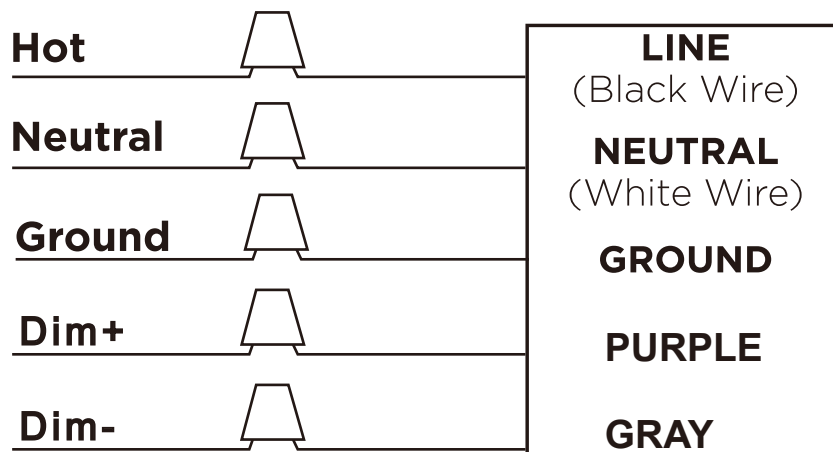
## LED LINEAR STRIP LIGHT CCT SELECTABLE INSTALLATION INSTRUCTIONS

### LINEAR STRIP FIXTURE



**208  
VOLTS**  
208V Split Phase  
Wiring (USA 3 Wire)

### LINEAR STRIP FIXTURE



**240  
VOLTS**  
240VAC Split Phase  
Wiring (USA 3 Wire)

**Please cap the gray and purple wires separately when not using the dimming feature.**