



## COLOR/WATTAGE SELECTABLE LED STRIP LIGHT FIXTURE

### WARNING, CAUTION, SAFETY AND INSTALLATION INSTRUCTIONS

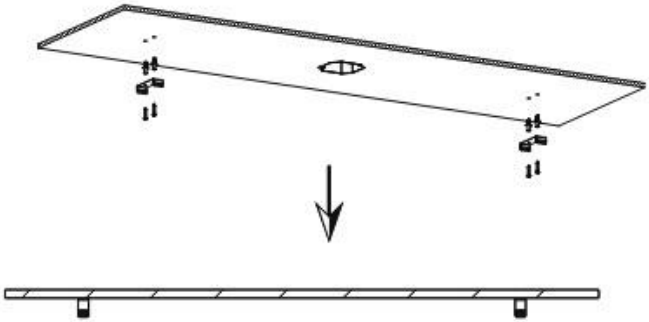
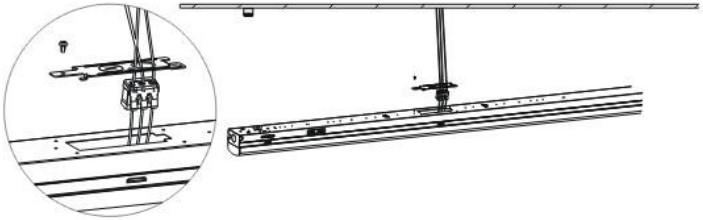
## WARNING

- Installation, service, and maintenance of luminaries should be performed by a qualified licensed electrician.
- Read all instructions carefully before installation.

## CAUTION

- Do not expose fixture to hazardous materials such as sulfur, acid, halogen, etc.

## Installation Instructions

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Step 1. Open the box and take out the accessories shown in Fig. 1.</p>                                                                                                                                                                                                                                                                                                                                                                                                                          |  <p>4FT: Mounting clip * 2 pcs<br/>8FT: Mounting clip * 3 pcs</p> <p>4FT: Plastic anchor and self tapping screw * 4 pcs<br/>8FT: Plastic anchor and self tapping screw * 6 pcs</p> <p>Wire nut * 2 pcs</p> <p>Fig. 1</p> |
| <p>Step 2. Drill four mounting holes on the ceiling and install the mounting clips to the surface using the included anchors and screws (Fig. 2).</p>                                                                                                                                                                                                                                                                                                                                              |  <p>Fig. 2</p>                                                                                                                                                                                                          |
| <p>Step 3. Turn off main power before beginning wiring. Open the back cover on the top of the fixture and take out the terminal block. Take out the AC wires from the junction box (not provided) and feed them through knockout on the back cover, then plug them into the 3pin terminal block (Fig. 3).</p> <p>Black = Line<br/>White = Neutral<br/>Yellow/Green = Ground<br/>Purple = Dim +<br/>Pin = Dim -</p> <p>If the dimming is not needed, you can leave the purple/pink wires as is.</p> |  <p>Fig. 3</p>                                                                                                                                                                                                         |



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Step 4. After wiring is complete, screw the back cover onto the fixture, then push the fixture up into the mounting clips (Fig. 4).

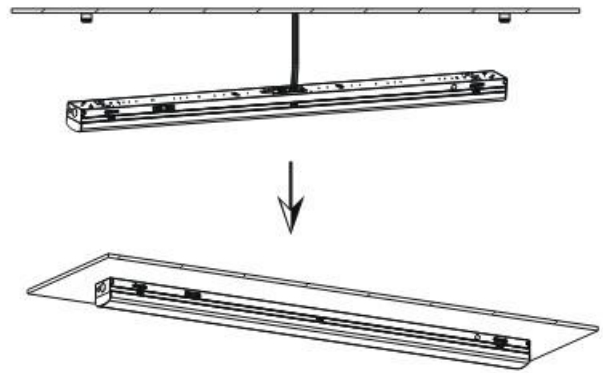


Fig. 4

Step 5. Select your desired wattage and CCT using the two rocker switches (Fig. 5). Then turn on main power to verify your successful installation.

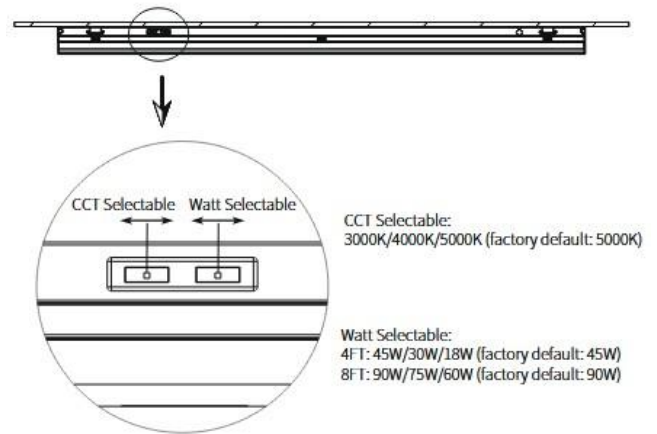


Fig. 5

## Fixture with 12V Built-in Motion Sensor (PLT-90544)

### Sensor Dip Switch Detting (Default)

- Toggle the switch up or down to select your desired setting.

| Detection Area |                   |       | Hold Time |     |       | Daylight Sensor Stand-by DIM level |   |   | Stand-by Period |    |    |
|----------------|-------------------|-------|-----------|-----|-------|------------------------------------|---|---|-----------------|----|----|
| 1              | 2                 | 3     | 4         | 5   | 6     | 7                                  | 8 | 9 | 10              | 11 | 12 |
| 100%           | Around 3 meters   | 5S    | Disable   | 0%  | +∞    |                                    |   |   |                 |    |    |
| 50%            | Around 1.5 meters | 1min  | 30Lux     | 20% | 15min |                                    |   |   |                 |    |    |
|                |                   | 3min  |           |     |       |                                    |   |   |                 |    |    |
|                |                   | 10min |           |     |       |                                    |   |   |                 |    |    |

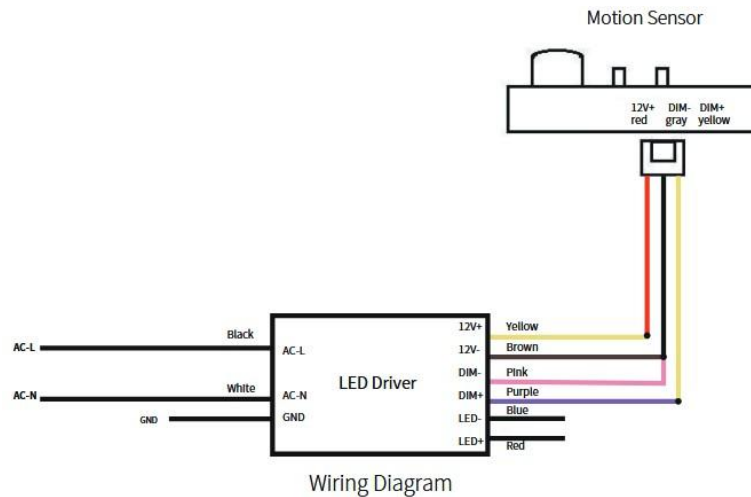
Sensitivity: 100%  
Hold time: 5 s  
Daylight sensor: Disabled  
Stand-by dim level: 0%  
Stand-by period: +∞



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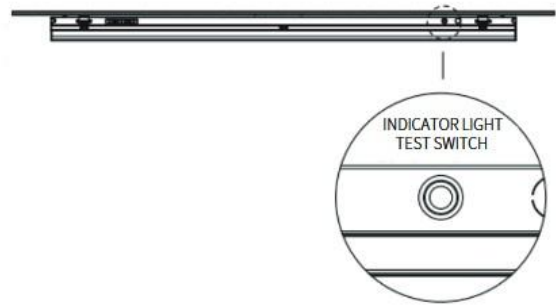
#### Sensor Wiring Diagram



#### Fixture with 15W Emergency Battery Backup (PLT-90545)

When the AC power goes out, the emergency driver detects the AC power outage and automatically switches to emergency backup mode. When this happens, the red light will turn off.

When the AC power is restored, the emergency driver returns to AC power mode and begins re-charging the battery. The red light will turn back on.



#### Emergency Driver Check

While no routine maintenance is required to keep the emergency driver functional, it should be checked periodically to ensure that it is working. The following schedule is recommended:

1. Visually inspect the charging indicator light.
  - a. Charging: Red light is ON.
  - b. EM discharging: Red light is OFF.
2. Test the emergency operation of the fixture at 30-day intervals for a minimum of 30 seconds, either by pressing the test switch on the fixture or by turning off the main power. If the driver is operating properly, the fixture will turn on.

Recharge Time:  $\geq 24$  Hours

Discharge Time: 1.5 Hours

**NOTE:** For short-term testing of the emergency function, the battery must be charged for at least one hour. The emergency driver must be charged for at least 24 hours before conducting a long-term test.



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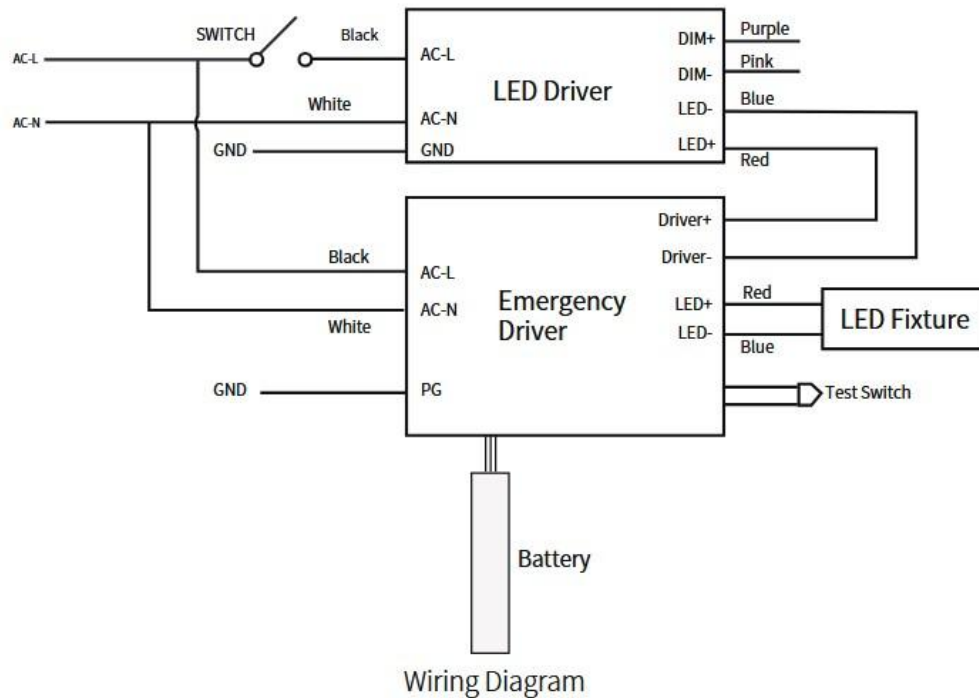
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#### Emergency Driver Operation

1. The lumen output during emergency operation is 1500lm, 15W, 100lm/w for 90 minutes.
2. The emergency battery is replaceable as long as the product dimensions and specifications of the replacement battery meet the following requirements:

| Dimensions            |                                     |
|-----------------------|-------------------------------------|
| <b>EM Driver</b>      | Less than 7.1" L x 1.5" W x 1.15" H |
| <b>Battery</b>        | Less than 8.9" L x 1.2" W x 1.15 H  |
| Specifications        |                                     |
| <b>Input</b>          | 120-347V, 50/60Hz                   |
| <b>Output Wattage</b> | <15W                                |
| <b>Output Current</b> | <450mA                              |
| <b>Output Voltage</b> | 36 ~ 60VDC                          |

#### Emergency Driver Wiring Diagram



#### ⚠ WARNING

- Before installing, servicing, or performing routine maintenance upon this equipment, follow these general precautions.
- To reduce the risk of death, personal injury, or property damage from fire, electric shock, falling parts, cuts/abrasions, and other hazards, read all warnings and instructions included with and on the fixture box and all fixture labels.
- Proper grounding is required to ensure safety.
- Power must be turned off at the breaker before installation or maintenance.



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- This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.
- Wear gloves and eye protection at all times while installing, servicing, or performing maintenance on the luminaire, and avoid direct eye exposure to the light source while it is on.
- To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.
- Do not install damaged product. Inspect luminaire for damage that may have occurred during transit. If damaged, contact the manufacturer immediately.
- These instructions do not purport to cover all details or variations in equipment nor to provide every possible contingency to meet in connection with installation, operation, or maintenance. Should further information be desired or should particular problems arise which are not covered sufficiently for the purchaser's or owner's purposes, contact the manufacturer.

### **⚠ ADVERTENCIA**

- Antes de instalar, reparar o realizar el mantenimiento de rutina de este equipo, siga estas precauciones generales.
- Para reducir el riesgo de muerte, lesiones personales o daños a la propiedad por fuego, descarga eléctrica, caída de piezas, cortes / abrasiones y otros peligros, lea todas las advertencias y instrucciones incluidas con y en la caja del dispositivo y todas las etiquetas del dispositivo.
- Se requiere una conexión a tierra adecuada para garantizar la seguridad.
- Se debe apagar la energía en el disyuntor antes de la instalación o el mantenimiento.
- Este producto debe ser instalado de acuerdo con el código de instalación aplicable por una persona familiarizada con la construcción y operación del producto y los peligros involucrados.
- Utilice guantes y protección para los ojos en todo momento durante la instalación, el servicio o el mantenimiento de la luminaria, y evite la exposición directa de los ojos a la fuente de luz mientras está encendida.
- Para evitar daños o abrasiones en el cableado, no exponga el cableado a bordes de láminas de metal u otros objetos afilados.
- No instale un producto dañado. Inspeccione la luminaria en busca de daños que puedan haber ocurrido durante el tránsito. Si está dañado, comuníquese con el fabricante de inmediato.
- Estas instrucciones no pretenden cubrir todos los detalles o variaciones en el equipo ni proporcionar todas las posibles contingencias a cumplir en relación con la instalación, operación o mantenimiento. Si desea obtener más información o si surgen problemas particulares que no están suficientemente cubiertos para los propósitos del comprador o propietario, comuníquese con el fabricante.