

MaxLite® FlatMAX™ LED Flat Panels [MLFP Value Series]**General Safety Information****WARNING: RISK OF ELECTRICAL SHOCK**

- To reduce the risk of personal injury or property damage from fire, electric shock, falling parts, cuts/abrasions, and other hazards read all warnings and instructions included. Before installing, servicing or performing routine maintenance on this equipment, follow these general precautions.
- Commercial installation, service and maintenance of luminaires should be performed by a qualified licensed electrician. If you are unsure about the installation or maintenance of the luminaires, consult a qualified licensed electrician and check your local electrical code.
- Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation.
- Turn off electrical power at fuse or circuit breaker before wiring fixture to the power supply. All connections should be capped with UL approved wire connectors.
- Keep away from any corrosive substance.
- Use a dry cloth when cleaning fixture.
- Not suitable for use in wet locations.
- "Class I wiring" for dimming wire.



Picture is for illustration purposes only.
Your model may vary.

CAUTION: RISK OF INJURY

- Wear gloves and safety glasses at all times when removing luminaire from carton, installing, servicing or performing maintenance.
- Avoid direct eye exposure to the light source while it is on.
- Account for small parts and destroy packing material, as these may be hazardous to children.

CAUTION: RISK OF FIRE

- Keep combustible and other materials that can burn away from luminaire and lamp/lens.
- MIN 90°C SUPPLY CONDUCTORS.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:(1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Models:
MLFP Series

Included in the box:

- LED Flat Panel Fixture
- Instructions

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**Setting Color Temperature and Power**

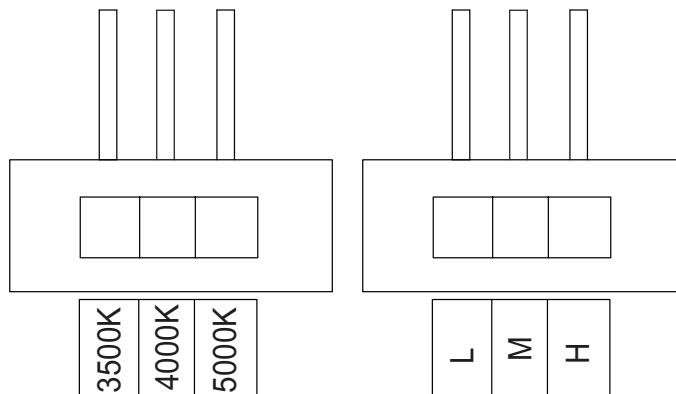
Note: Applicable to models ending in “-CS” or “-WCS” only. Models are set to the lowest wattage and 4000K.

Color settings:

Left, stands for 3500K;
Middle, stands for 4000K;
Right, stands for 5000K;

Wattage settings:

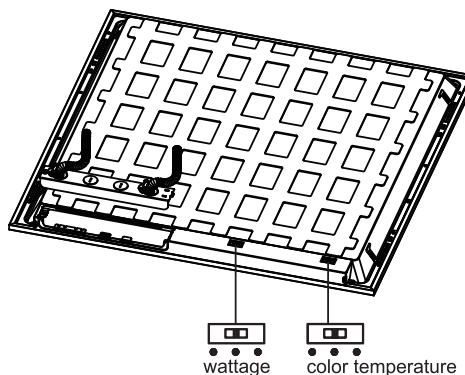
Left, stands for Low;
Middle, stands for Medium;
Right, stands for High;



Adjust the color temperature and lumen output using the two DIP switches. Each DIP switch has 3 options (left, middle and right), corresponding to 3 color temperatures and wattages. Use these switches to set desired color temperature and lumen output combination.

Factory Settings: 4000K, lowest wattage based on fixture.

1. DIP switches are located on the back side of the fixture.
2. Select a wattage and color temperature by sliding switch left or right respectively to the desired value.



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Wiring Instructions

- 1.) Unscrew the driver cover on the backside of the fixture and connect the input power supply conduit to the cover. (Fig. 1)

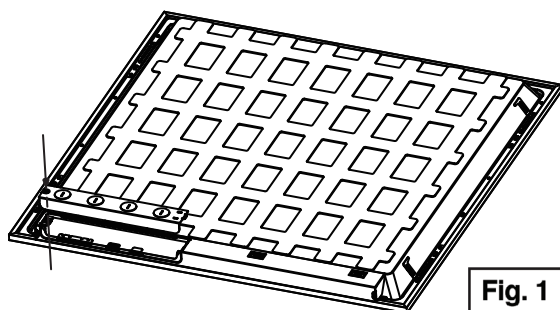
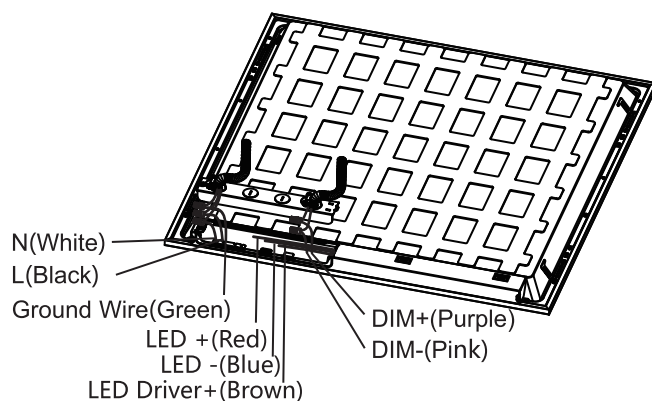


Fig. 1

- 2.) Make wiring connections based on the diagram below, secure the driver cover to the fixture. (Fig. 2)



Black		Line
White		Neutral
Green/ Yellow Green		Ground
Purple		DIM+
Pink		DIM-
Red		LED+
Blue		LED-
Brown		LED Driver+

Fig. 2

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Wiring Instructions - EM Models

- 1.) Unscrew the driver cover on the backside of the fixture and connect the input power supply conduit to the driver box. (Fig. 1)

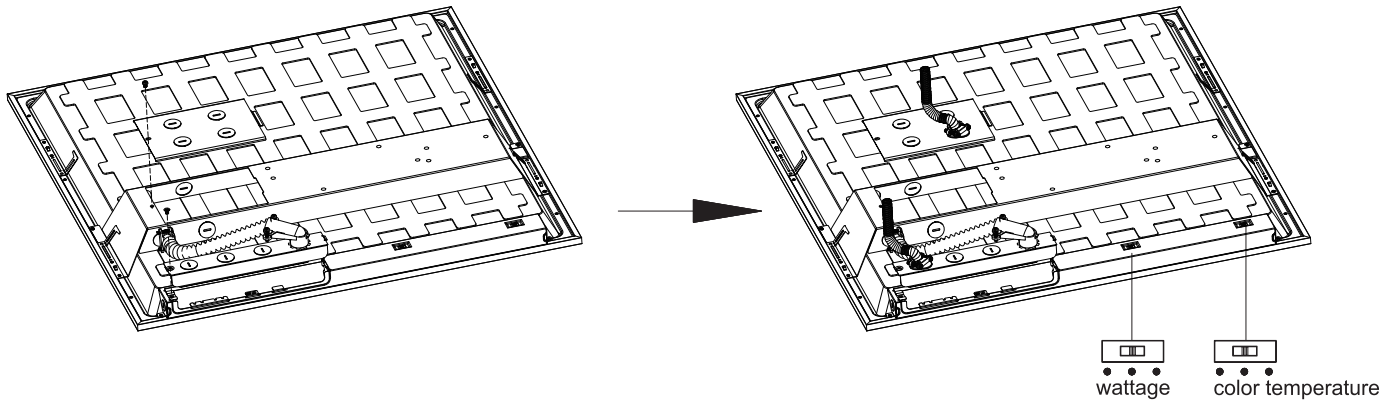


Fig. 1

- 2.) Connect coordinating wires and secure the driver cover to the fixture. (Fig. 2)

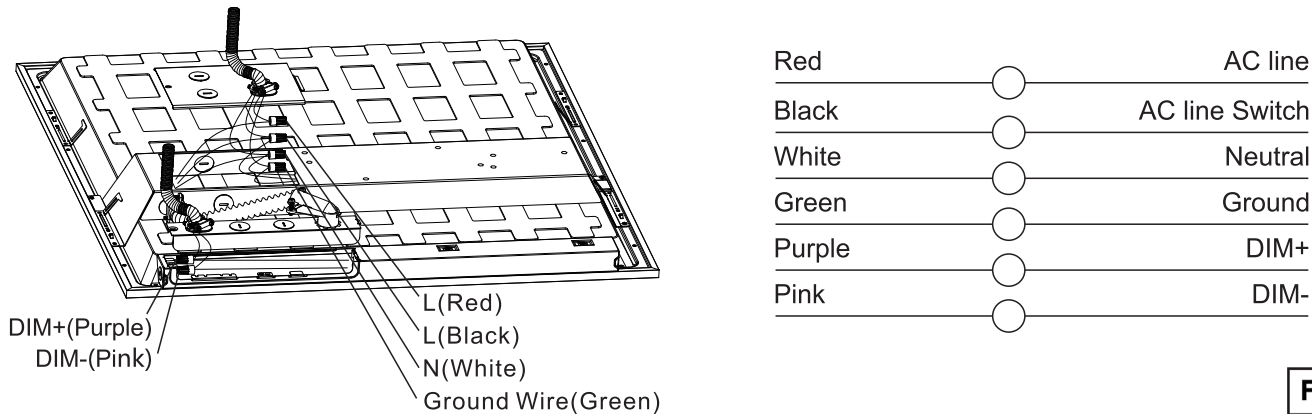


Fig. 2

- 3.) Please refer to the wiring diagram when connecting the emergency driver. (Fig. 3)

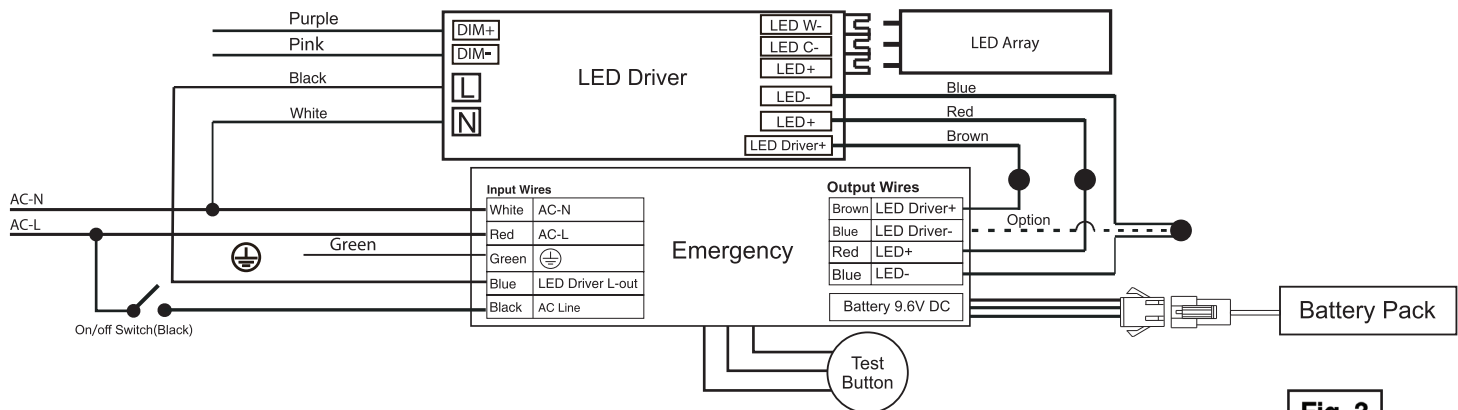
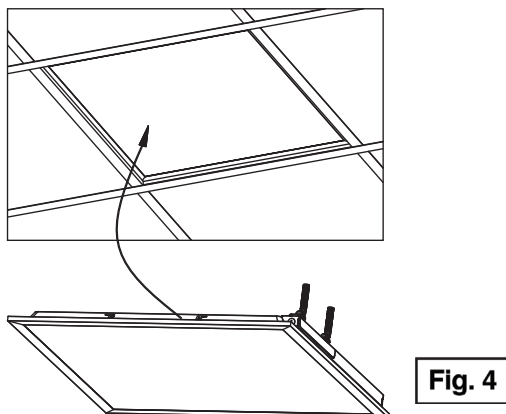


Fig. 3

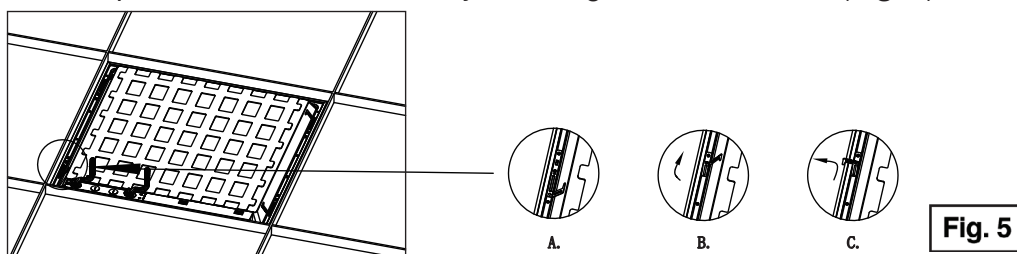
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**Recessed Mounting Installation**

- 1.) If there is an existing luminaire, remove it. Place the panel into the opening in the T-bar grid. Ensure that the panel is attached to the ceiling. (Fig. 4)



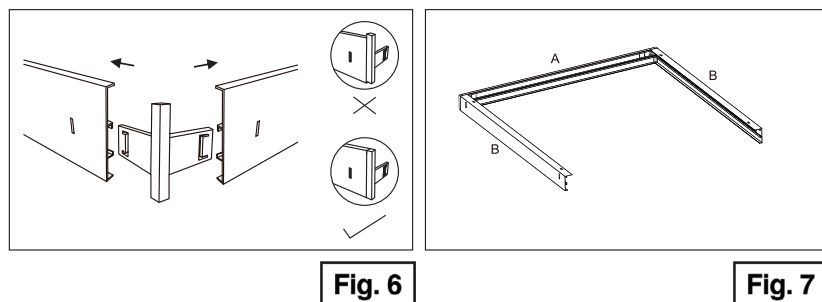
- 2.) Use the protective bracket for safety, see diagrams A, B, and C. (Fig. 5)

**Surface Mounting Installation (Accessory purchased separately)**

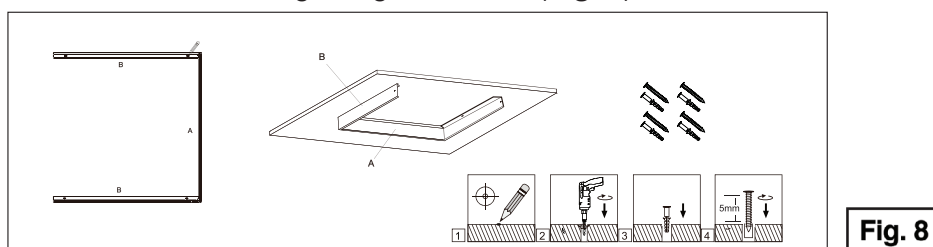
NOTE: The fixture is suitable for INDOOR SURFACE CEILING application ONLY.

NOTE: Check Data sheet for compatible Surface mount kits to be purchased separately

- 1.) Connect the side frames with the corner plastic connectors. (Fig. 6) Connect the two (2) B side frames with one (1) A frame. (Fig. 7)



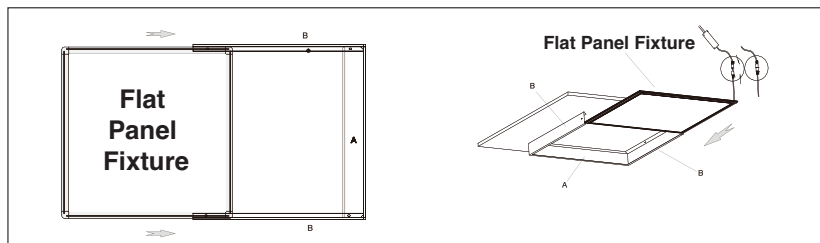
- 2.) Secure the frame assembly to the ceiling using the required mounting hardware. Mark the mounting locations on the ceiling using the frame. (Fig. 8)



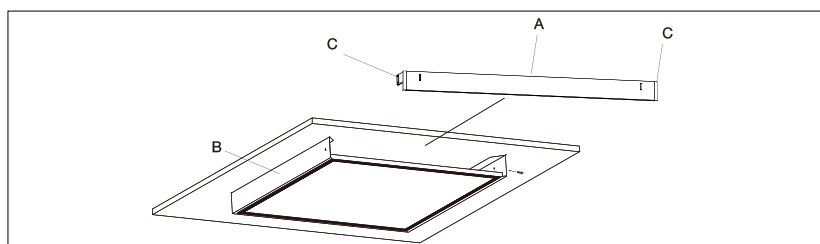
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**Surface Mounting Installation (Continued)**

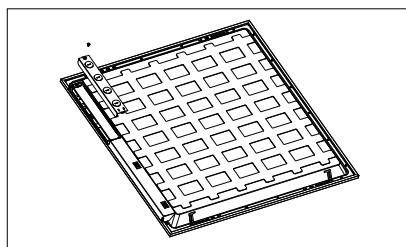
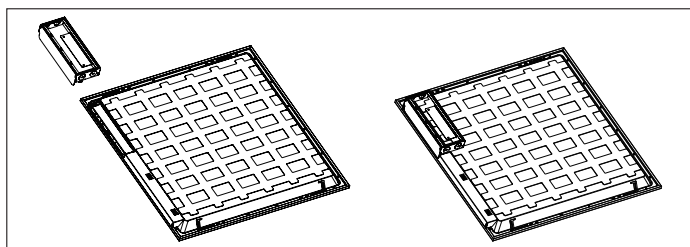
- 3.) Make the required wiring connections and slide the panel into the frame assembly. (Fig. 9)

**Fig. 9**

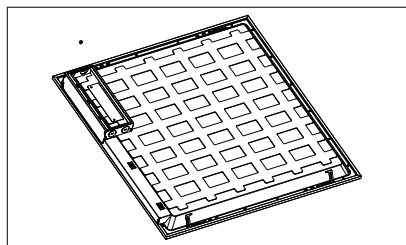
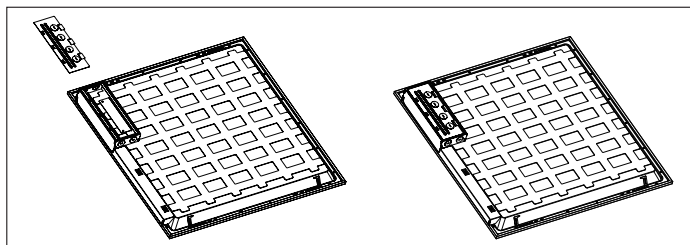
- 4.) Secure the other A frame to the open side of the frame assembly using the other two (2) corner plastic connectors. (Fig. 10)

**Fig. 10****Additional J-Box Installation (Accessory purchased separately)**

- 1.) Remove the screw and the wiring box cover from the back side of the luminaire. (Fig. 11)
- 2.) Place the j-box accessory (MLFPV-JBOX) where the cover was removed in step 1. (Fig. 12)

**Fig. 11****Fig. 12**

- 3.) Secure the accessory with the included screw. (Fig. 13)
- 4.) Install the cover on the j-box accessory. (Fig. 14)

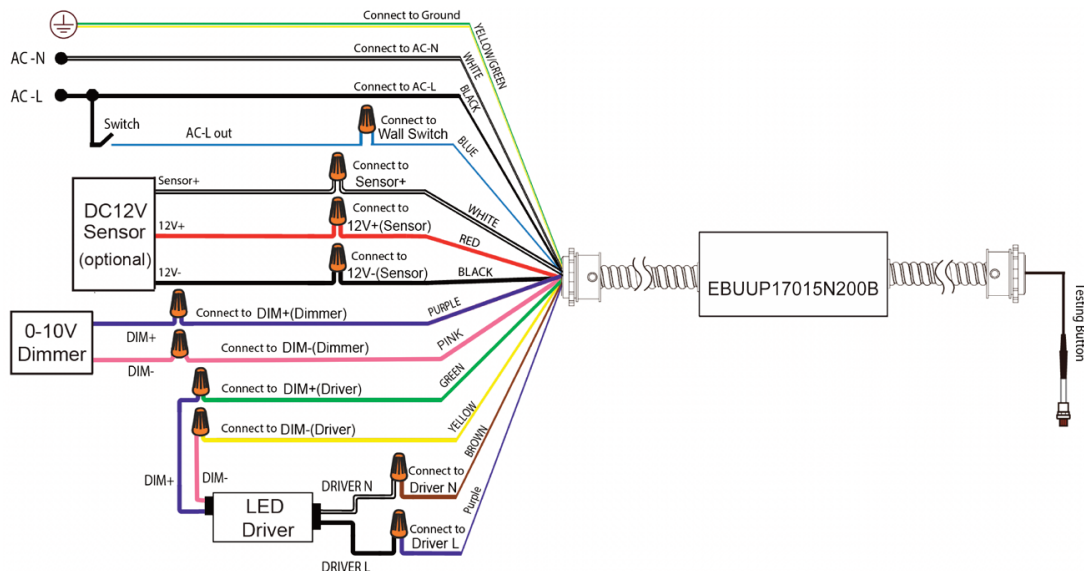
**Fig. 13****Fig. 14**

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Emergency Unit Installation Instructions (Sold Separately)

Refer to the instructions and details on the separate Instruction manual included with the Emergency unit for installation.



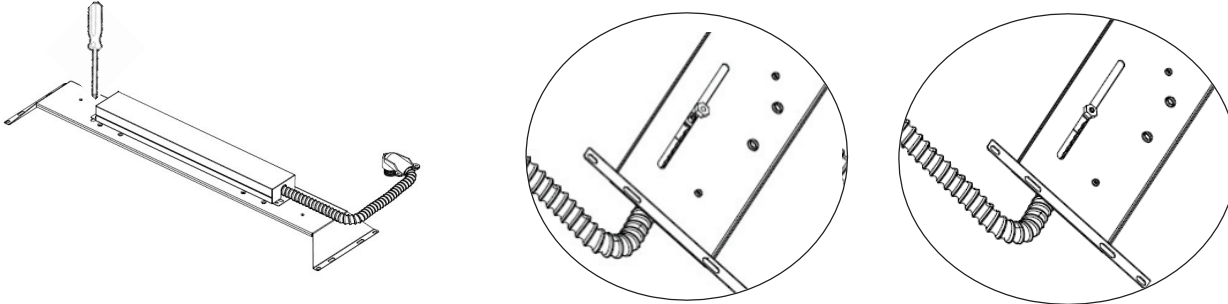
NOTE: Wiring diagram for Emergency solution with 0-10V LED driver, without using a 0-10V dimmer and LED driver input not greater than 80W.

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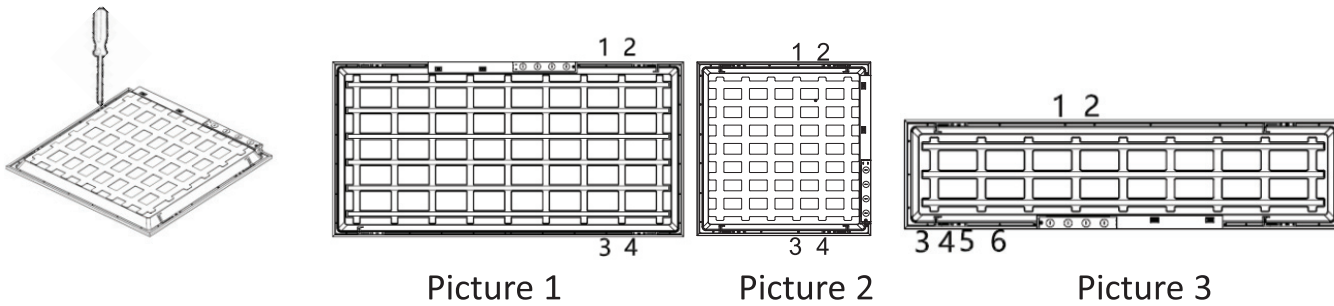


EM Bracket: MLFPxxV-BBUBRACKET (Sold Separately)

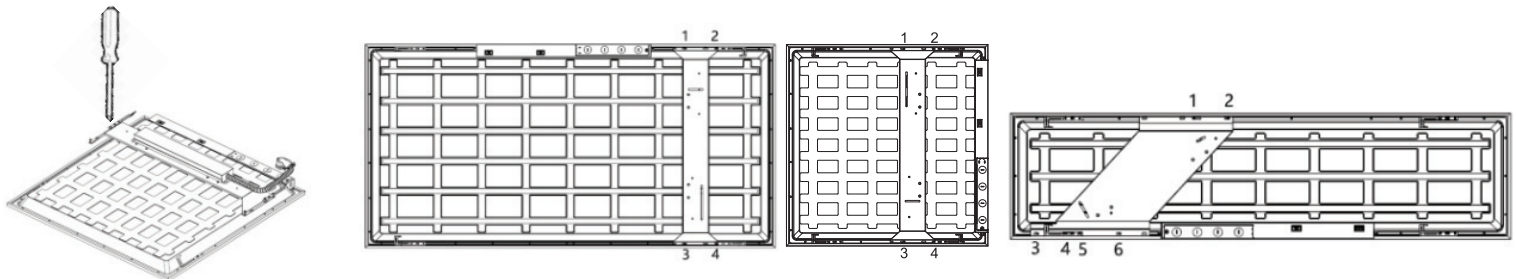
1.) Lock the emergency module to the bracket with M4*6 screw and nut.



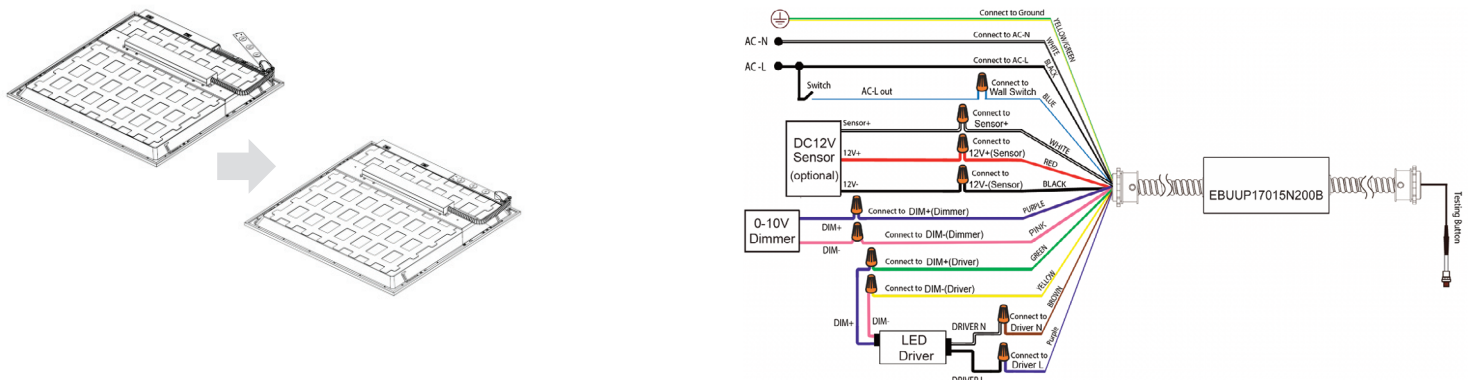
2.) Remove the screws on the fixture according to the Picture 1/2/3.



3.) Lock the bracket to the light fixture with ST2.9*6 in bag.



4.) Connect the wires according to the EM wiring requirements, and lock the access plate on driver box.



MaxLite® FlatMAX™ LED Flat Panels [MLFP Value Series]**Warranty Information****5-Year standard warranty with labor allowance***

(see terms at www.maxlite.com/warranties)

*Warranty Limitations: Product must be rated for application per the Product Data Sheet (PDS);

*Up to \$25/unit; registration required. Additional coverage may be available for purchase; contact MaxLite.

*Excludes EM/MS versions; component warranty applies.

Product is warranted for 5 years according to the operating temperature range specified on the PDS.

Limitation of Liability

THE FOREGOING WARRANTY IS EXCLUSIVE, AND IS THE SOLE REMEDY FOR ANY AND ALL CLAIMS, WHETHER IN CONTRACT, IN TORT OR OTHERWISE ARISING FROM THE FAILURE OF PRODUCT AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ALL WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH WARRANTIES ARE HEREBY EXPRESSLY DISCLAIMED TO THE EXTENT PERMITTED BY LAW AND, IN ANY EVENT, SHALL BE LIMITED TO THE WARRANTY PERIOD SPECIFIED ABOVE. THE LIABILITY OF MAXLITE SHALL BE LIMITED TO THE TERMS OF THE EXPRESS WARRANTY SET FORTH HEREIN. IN NO EVENT WILL MAXLITE BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES INCLUDING, WITHOUT LIMITATION, DAMAGES RESULTING FROM LOSS OF USE, PROFITS, BUSINESS OR GOODWILL, LABOR COSTS, REMOVAL OR INSTALLATION COSTS, DECREASE IN THE LIGHT OUTPUT OF THE LAMP, AND/OR DETERIORATION IN THE LAMP'S PERFORMANCE, WHETHER OR NOT MAXLITE HAS BEEN ADVISED OF THE POSSIBILITY THEREOF. UNDER NO CIRCUMSTANCES SHALL MAXLITE'S ENTIRE LIABILITY FOR A DEFECTIVE PRODUCT EXCEED THE PURCHASE PRICE OF THAT PRODUCT. WARRANTY SERVICES PROVIDED UNDER THESE TERMS AND CONDITIONS DO NOT ENSURE THE UNINTERRUPTED OPERATION OF PRODUCTS; MAXLITE SHALL NOT BE LIABLE FOR DAMAGES CAUSED BY ANY DELAYS INVOLVING WARRANTY SERVICE.

This Limited Warranty gives you specific legal rights and you may also have other rights that may vary from state to state. Because some states or jurisdictions do not allow the exclusion or limitation of liability for consequential or incidental damages, this limitation may not apply to you.