

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

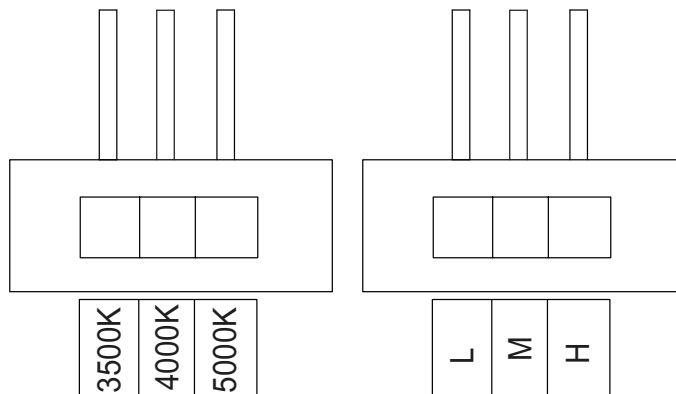
Note: Applicable to models ending in “-CS” or “-WCS” only. Models are set to the lowest wattage and 4000K.

Color settings:

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

Wattage settings:

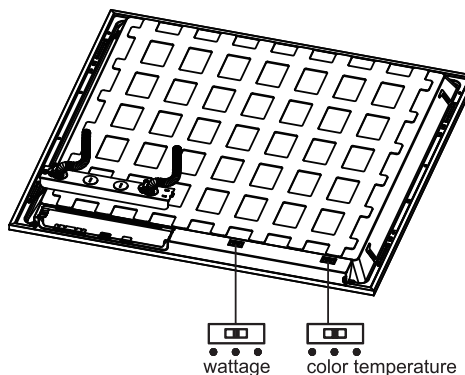
Left, stands for Low;
Middle, stands for Medium;
Right, stands for High;



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.

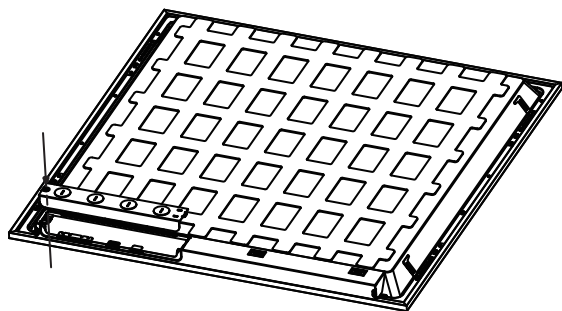
1. DIP switches are located on the back side of the fixture.
2. Select a wattage and color temperature by sliding switch left or right respectively to the desired value.



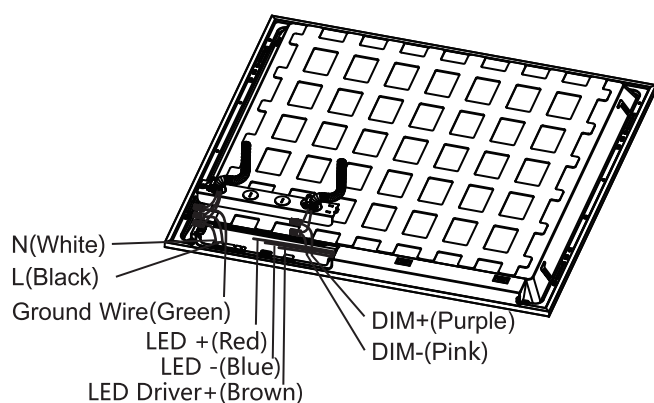
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Wiring Instructions

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

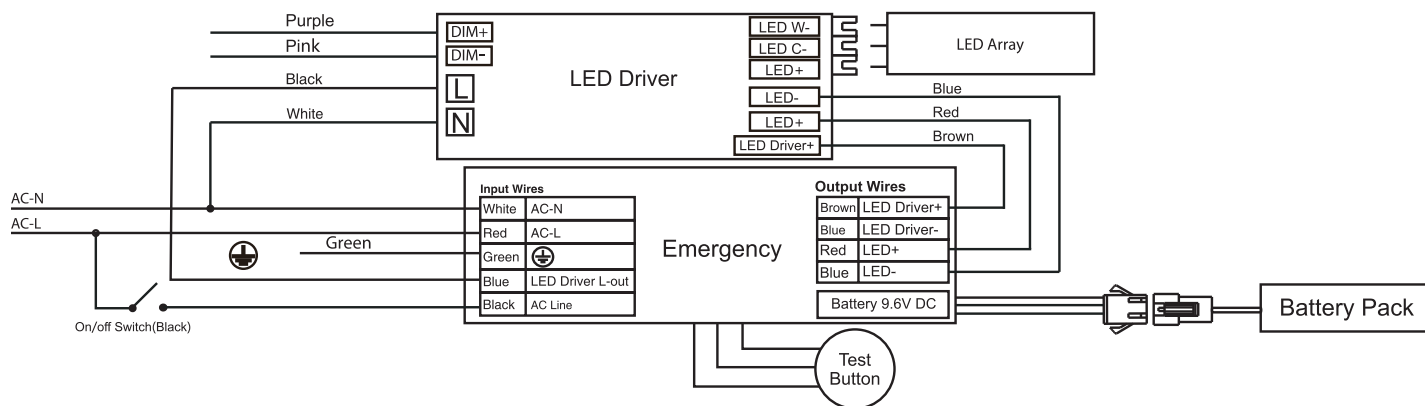


- 2.) Make wiring connections based on the diagram below, secure the driver cover to the fixture. (Fig. 2)



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

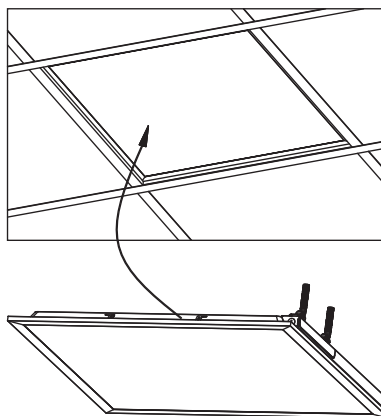
- 3.) When installing a unit with an emergency battery back-up unit, follow the wiring diagram below. (Fig. 3)



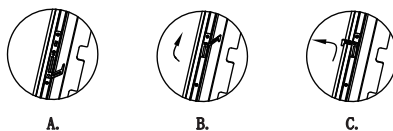
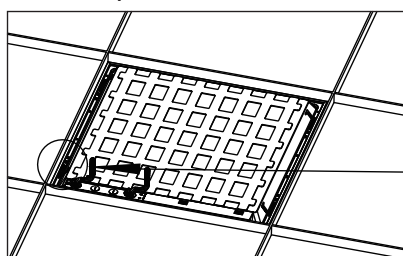
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Recessed Mounting Installation

- 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)**

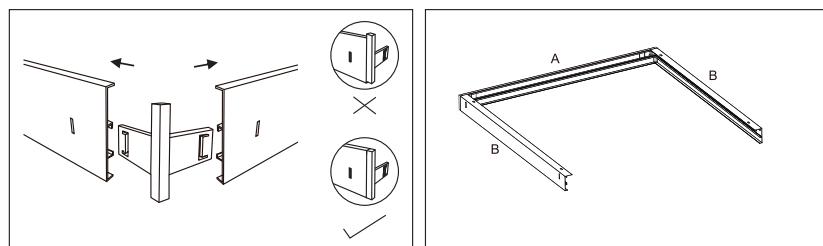


Surface Mounting Installation (Accessory purchased separately)

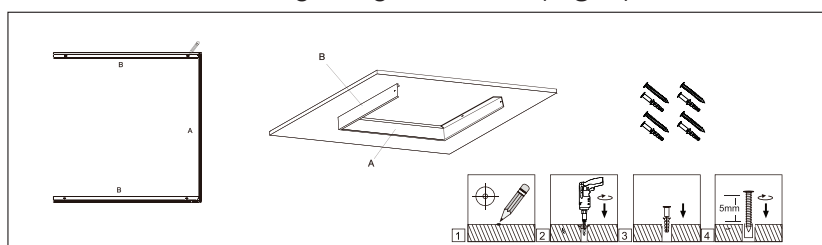
NOTE: The fixture is suitable for INDOOR SURFACE CEILING application ONLY.

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)**



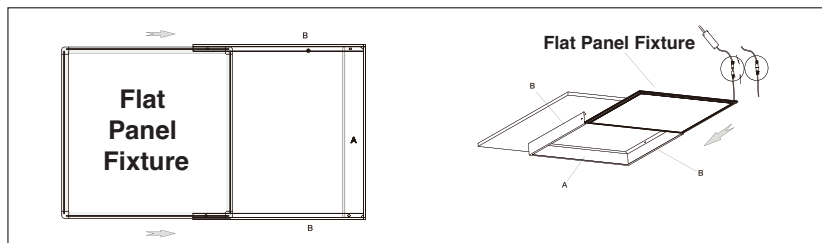
- 2.) Secure the frame assembly to the ceiling using the required mounting hardware. Mark the mounting locations on the ceiling using the frame. **(Fig. 8)**



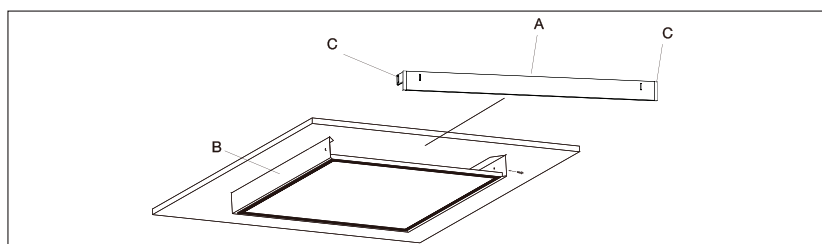
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Surface Mounting Installation (Continued)

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

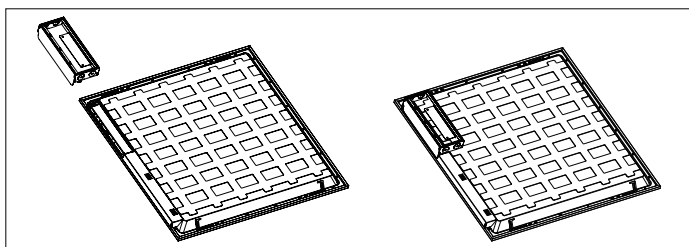
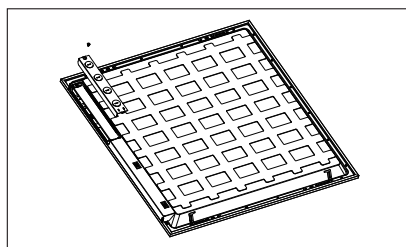


- 4.) Secure the other A frame to the open side of the frame assembly using the other two (2) corner plastic connectors. (Fig. 10)



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)



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

