

LED PANEL LIGHT

Installation Instructions

MODEL NUMBERS: 1X4 FT / 2X2 FT / 2X4 FT

Contact Information

For support & assistance, please feel free to contact us:

Email: info@medinahpower.com

Web: www.medinahpower.com

Phone: +1 (844) 870-5337

IMPORTANT SAFETY INFORMATION

Read this entire manual before attempting installation or operation.

This fixture is designed to operate with either 120–277VAC or 277–480VAC. Installation must follow all local and national electrical codes.

GENERAL SAFETY PRECAUTIONS

- ☐ **IMPORTANT:** Read all instructions before installation.
- ☐ Installation must be performed by a qualified electrician.
- ☐ Disconnect power at the fuse or circuit breaker before installation or servicing.
- ☐ This product must be installed in accordance with the National Electrical Code (NEC) and local codes.
- ☐ Use only UL or IEC approved wire for input/output connections.
- ☐ Do not make or alter any open holes in the fixture during installation.
- ☐ Ensure proper grounding and bonding of the fixture and system.
- ☐ Allow fixture to cool before handling.

FCC COMPLIANCE NOTICE

- ☐ This device complies with Part 15 of the FCC Rules. Operation is subject to the following conditions:
 - This device may not cause harmful interference.
 - This device must accept any interference received.
- Note:** Changes or modifications not expressly approved by the manufacturer may void the user's authority to operate this equipment.

CAUTION

- ☐ Do not test the LED light using a portable generator.
- ☐ Follow all local, regional, and national regulations.
- ☐ Do not install during rain or in wet conditions to prevent shock or damage.
- ☐ Use gloves during installation to avoid injury.
- ☐ In case of smoke, fire, or unusual odor, shut off power immediately and contact a qualified technician.
- ☐ This fixture is suitable for outdoor installations.

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PRODUCT FUNCTIONALITY

□ Specification

- **Input Voltage:** 120-277VAC or 277-480VAC
- **Dimming:** 0-10V dimming compatible
- **Location Use:** Suitable for dry or damp locations
- **Conductor Requirement:** Minimum 90°C rated supply conductors

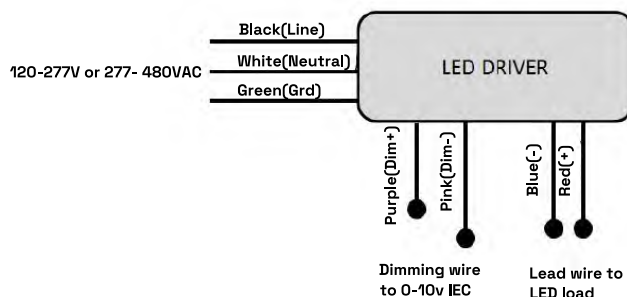
WIRING INSTRUCTIONS

Standard 0-10V Wiring:

Wire Color	Function
Black	Line (Hot)
White	Neutral
Green	Ground
Purple	Dim+ (0-10V)
Pink	Dim- (0-10V)
Red/Blue	To LED Load

- Use approved wire nuts or crimp lugs to secure all connections.
- Ensure that dimming wires are connected only if dimming functionality is desired.
- Do not mix line voltage and dimming control wires.

General Wiring Diagram

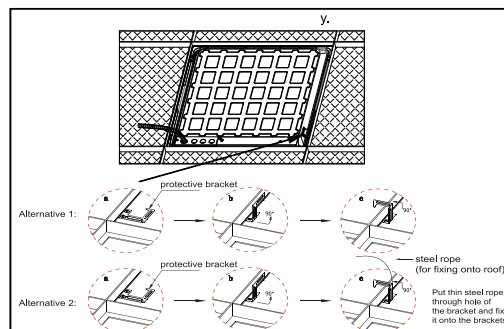
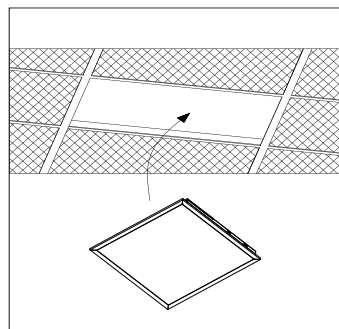


INSTALLATION STEPS

NOTE: Ensure power is turned off at the breaker panel before beginning installation.

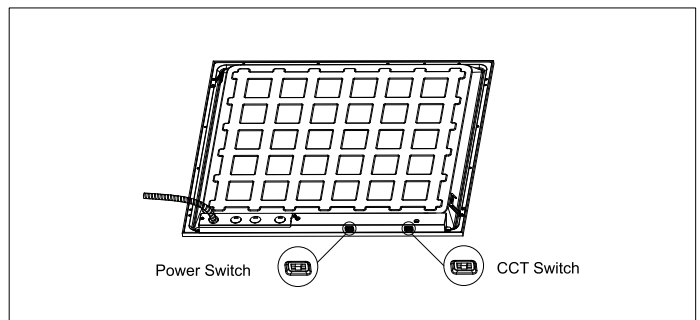
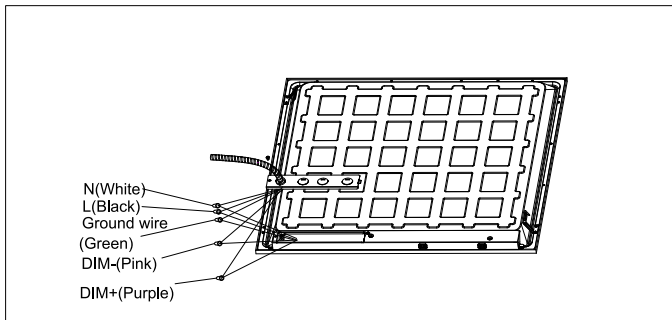
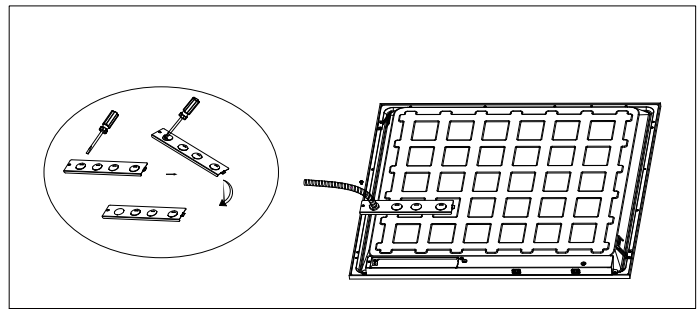
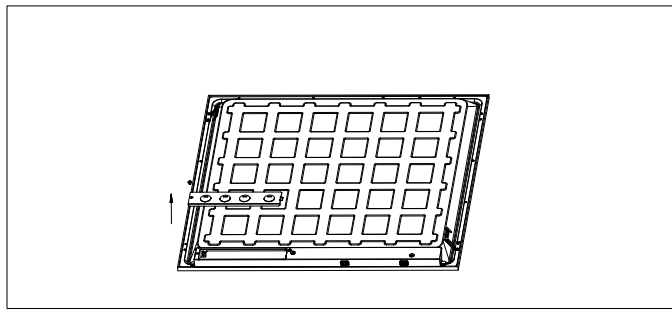
INSTALLATION METHOD A: RECESSED INSTALLATION

- **Turn off power** at the breaker.
- Remove existing ceiling fixture and ensure mounting area is clear.
- Place the LED panel into the grid ceiling.
- Open the driver box cover and connect input wires as per wiring diagram.
- Select **wattage and color temperature (CCT)** using on-board switches on the driver.
- Close the driver box cover and secure it with screws.
- Restore power and test the fixture.



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INSTALLATION METHOD B: SUSPENDED INSTALLATION (OPTIONAL)

- ☐ Mark and drill two holes in the ceiling for anchors.
- ☐ Insert anchors and secure the **suspension kit** hardware.
- ☐ Connect wire ropes to the panel.
- ☐ Adjust rope lengths to level the panel horizontally.
- ☐ Follow wiring steps as per Method A.
- ☐ Restore power and test the fixture.

NOTE: Use 2 suspension kits per fixture (for both 2x2 ft and 1x4 ft panels).

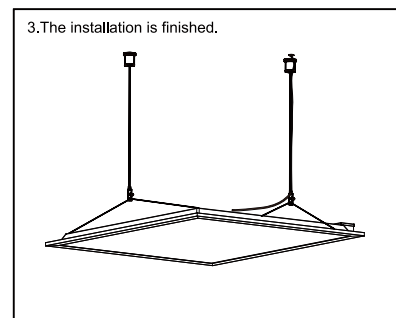
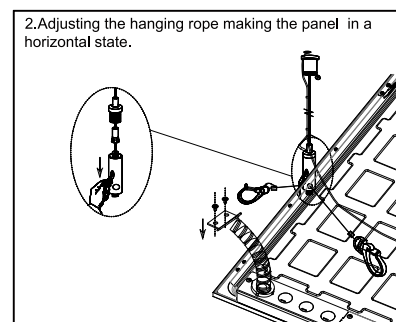
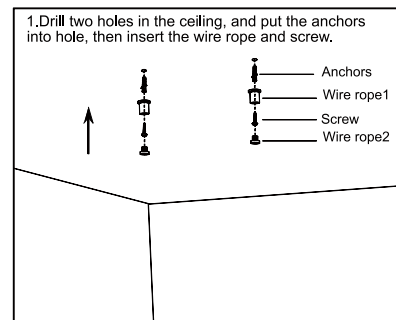
ADJUSTABLE SWITCH SETTINGS

On the LED driver:

Power Selector: Choose wattage output

CCT Switch: Select color temperature (e.g., 3500K / 4000K / 5000K)

NOTE: Make selections prior to completing installation.



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RETAIN THIS MANUAL FOR FUTURE USE