

# INSTALLATION GUIDE

MODEL #: EPN24-2040sem-2 / EPN24-2050sem-2

LED Panel Series | 2x4 Class

2 ft x 4 ft. Emergency Panel Light



## Questions?

For customer service please call us at 1-310-787-3280 Office Hours; 8:00 a.m. – 5:00 p.m. PST Monday-Friday



## PLEASE REVIEW THE INSTRUCTIONS AND WARNINGS LISTED BELOW PRIOR TO PROPER INSTALLATION

# WARNINGS • Turn off electrical power at fuse or circuit bre

- Turn off electrical power at fuse or circuit breaker before wiring fixture to the power supply.
- Turn off the power when you perform any maintenance.
- Verify that supply voltage is correct by comparing it with theluminaire label information.
- All connections should be capped with UL approved wire connectors.
- Total number of panels allowed on a single circuit using branch circuit wiring is 18.
- · Over 90 minutes emergency working time

## CAUTIONS

- 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.
- · Risk of Burn. Disconnet power and allow fixture to cool before handling.

## **Notes**

- 1. Indoor lighting only.
- 2. Before installation, ensure the LED panel is not damaged.
- 3. Don't stare at the LED luminous surface for long time.
- 4. Keep away from children, and ensure working eletrical appatatus inaccessible to them.
- No packages accessible to children, because they might be choked for playing, or eating the small accessories.
- 6. No covering, be away from fire or high-temperature substance.
- Manufacturer reserves the right to offer no replacement or warranty to the led panels dissembled or repaired by users themselves.
- Cut off power before cleaning the panels with dry cloth, use no chemical or corrosive substance.
- 9. Cut off power before installation.
- 10. The light source of this luminaire is not replaceable; when the light source reaches its end of life the whole luminaire shall be replaced.

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 min 90°C supply conductors.

## **FCC Notes**

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. Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**NOTE:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/ TV technician for help.

# INSTALLATION INSTRUCTIONS - Wiring Instructions L | Solid |



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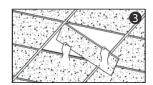
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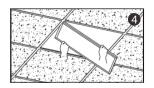
LED Panel 2 ft. x 4 ft.

## **Drop Ceiling Installation Steps**

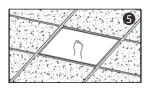
- 1. Check the fitting bag against the parts list.
- 2. Compare celling against specifications to ensure ceiling meets installation rquirements. See chart below.



3. Remove ceiling panel down.



4. Insert fixture at an angle up into ceiling and lower into place.



5. Confirm that fixture in seated flush in the celing channels

## **Recessed Frame Installation**

The automatic test function is controlled by internal single chip microcomputer. Depending on the luminescent color of the LED indicator, It displays the working state and determines whether there is an exception.

Color	State
•	Red stable: charging mode
	Red flashing: failure as below Battery is not connected Battery is defective Load failure during emergency mode, open circuit/short circuit
•	Green stable: battery fully charged
	Red and Green off: discharging mode or mains supply disconnected

## **Test switch**

Under normal working condition, the lamp will enter the discharge state by pressing the test switch.

Release the switch and automatically return to the charging state.

In the discharge mode, the discharge will be switched off according to the test switch for more than 3 seconds.