USER'S MANUAL

MODELS: TFT-DRBX-VE-35-26 (LM42498-20), TFT-DRBX-VE-35-57 (LM42498-30), TFT-DRBX-VE-38-57 (LM42498-40), TFT-DRBX-VE-40-60 (LM42498-50)

Before you begin

When using electrical products, basic precautions should always be practiced including the following:

- Read and follow all instructions that are on the product or provided with the product.
- Reference the National Electrical Code, ANSI/NFPA 70, specifically for the installation of wiring and clearances from power and lighting conductors.

What's included

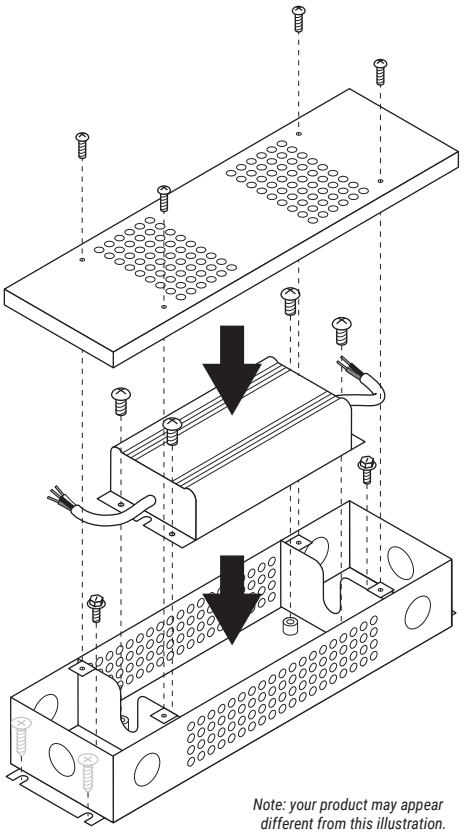
1× LED Driver

1× Junction box

4× 8# 32x3/16" screws

4× 4# 40x1/4" screws

2× or Slotted Hex, or 4# 40x1/4" screws with 4# washers



Note: your product may appear different from this illustration.

Installation steps

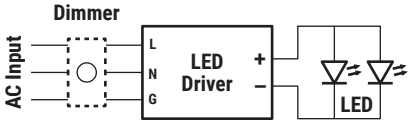
1. Ensure that the wires you will be working with are not powered. Switch breakers at the electrical panel and use an appropriate meter to verify that the wires are not powered.

2. Remove the junction box cover. Install the LED driver inside the junction box. Use 8# 32x3/16" screws to secure the driver to the receptacles at the bottom in the central compartment of the junction box. Secure green/bare copper (ground) input wire to junction box using a slotted hex or 4# 40x1/4" screw with washer.

3. Install the junction box at the desired location using appropriate Φ3-4mm screws/bolts/anchors (not supplied).

4. Remove knockouts at needed input and output locations and install knockout connectors into the produced openings.

5. Electrical connection:
   a. If your LED driver is compatible with dimmers, refer to the driver and dimmer documentation for wiring instructions.



   b. Pass AC input and DC output wires through knockout connectors. Connect black (L - live) and white (N - neutral) wires AC input to corresponding LED Driver input, green or bare copper wire (ground) to ground; output red (DC+) and black (DC-) wires to LED lighting. Use appropriate wire nuts (not supplied) to connect wires.

6. Reinstall junction box cover, secure it with the 4# 40×1/4" screws.

7. Power and test the circuit.

Important safety notes

1. For outdoor or indoor use. The minimum conductor temperature rating is 90°C.
2. Disconnect the LED driver before making or breaking connections to the equipment. A disconnect device should be incorporated in the field wiring.
3. The LED driver is not to be repaired and not to be used any longer if it is damaged or defective.
4. The external cord or cable cannot be replaced; if the external cord or cable is damaged, the LED Driver should be disposed of.
6. The protective devices cannot be reset or replaced after a short circuit or an overload.
7. The LED Driver does not rely upon the luminaire enclosure for protection against accidental contact with live parts.
8. All electrical connections must be in accordance with local and national electrical codes. Refer to a qualified electrician if you have any questions on that matter. Installation work and electrical wiring must be done by a qualified person in accordance with all applicable codes and standards, including fire-rated construction.
9. For models with a maximum output voltage exceeding 60V, at least one pole of the conductive parts in the SELV circuit shall be insulated to withstand a test voltage of 500V RMS for 1 min.

⚠ WARNINGS

1. **Do not reverse polarity:**
   DC output: red="+", black ="-"
2. **Risk of Electric Shock:**
   When used outdoors, install only on a circuit protected by a Class A GFCI.
3. **Risk of Fire:**
   Installation involves special wiring methods to run wiring through a building structure. Consult a qualified electrician.
4. **Risk of Electric Shock:**
   Mount the unit higher that 1 foot from the ground level.

SAVE THESE INSTRUCTIONS

This manual contains important safety and operating instructions for power units.

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