

[Manuals.plus](#) /

> [PXNQMTJM](#) /

> PXNQMTJM GM-LXTM-F LED Driver Instruction Manual

PXNQMTJM GM-LXTM-F

PXNQMTJM GM-LXTM-F LED Driver Instruction Manual

Model: GM-LXTM-F | Brand: PXNQMTJM

1. INTRODUCTION

This instruction manual provides essential information for the safe and efficient installation, operation, and maintenance of your PXNQMTJM GM-LXTM-F LED Driver. This device is a two-line, two-color smart power supply designed for various LED lighting applications, offering stable output within a 22-30V range and multiple current options. Please read this manual thoroughly before use and retain it for future reference.

2. SAFETY INSTRUCTIONS

WARNING: Failure to follow these safety instructions may result in electric shock, fire, or serious injury.

- Always disconnect power before installation, maintenance, or troubleshooting.
- Installation should be performed by a qualified electrician in accordance with all local and national electrical codes.
- Ensure the input voltage of the driver matches your mains supply (110V or 220V).
- Do not exceed the maximum output current or voltage ratings of the LED driver.
- Do not operate the driver in wet or damp conditions.
- Ensure proper ventilation around the driver to prevent overheating.
- Keep out of reach of children.

3. PRODUCT OVERVIEW

The GM-LXTM-F LED Driver is designed to provide stable power to LED lighting systems. It features a compact design and supports various current outputs. The driver is equipped with two output lines for two-color LED applications.

1200mA
800mA
600mA

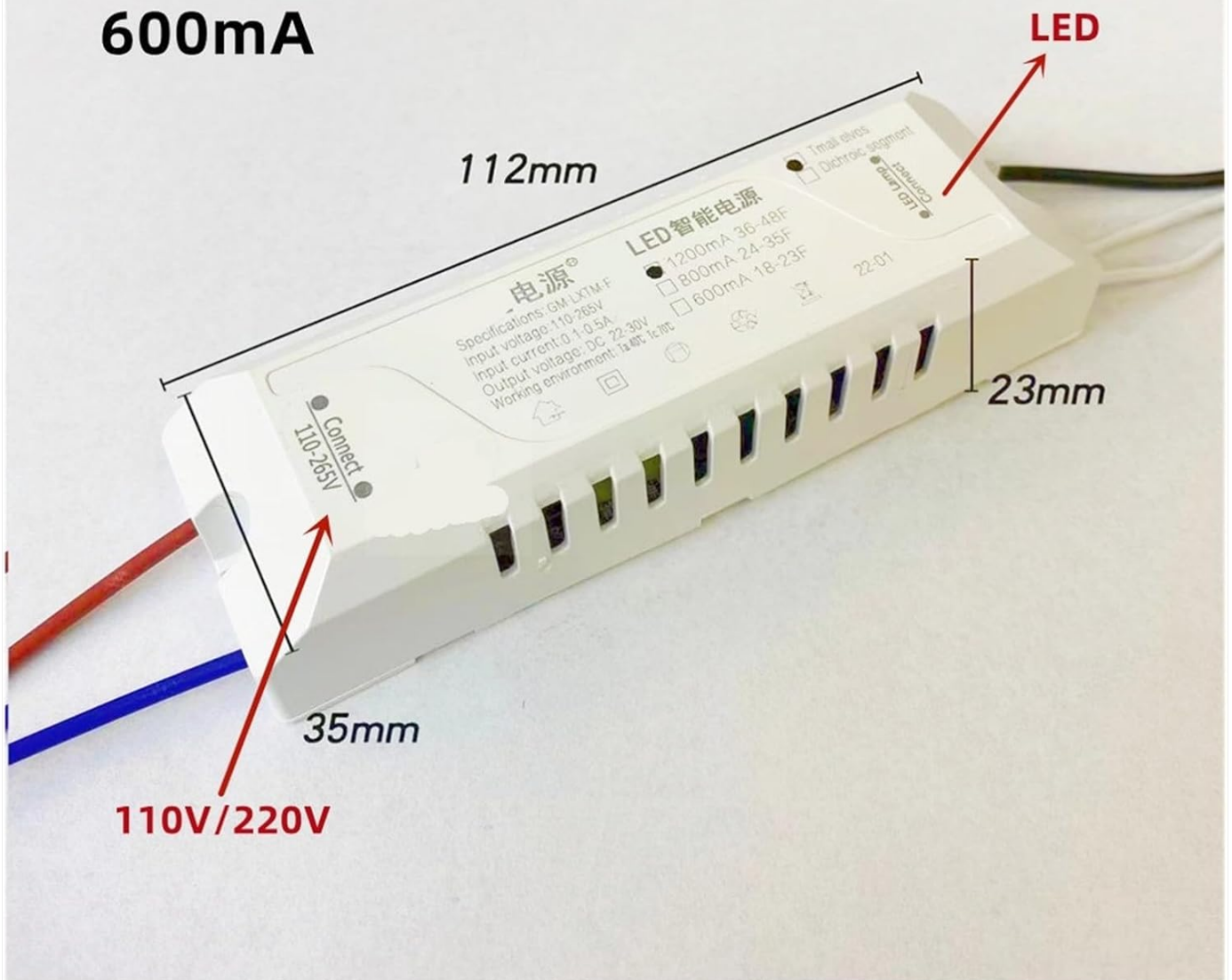


Figure 3.1: GM-LXTM-F LED Driver (600mA, 800mA, 1200mA variants). This image shows the driver with dimensions: length 112mm, width 35mm, height 23mm. It indicates input voltage compatibility for 110V/220V and connections for LED output.

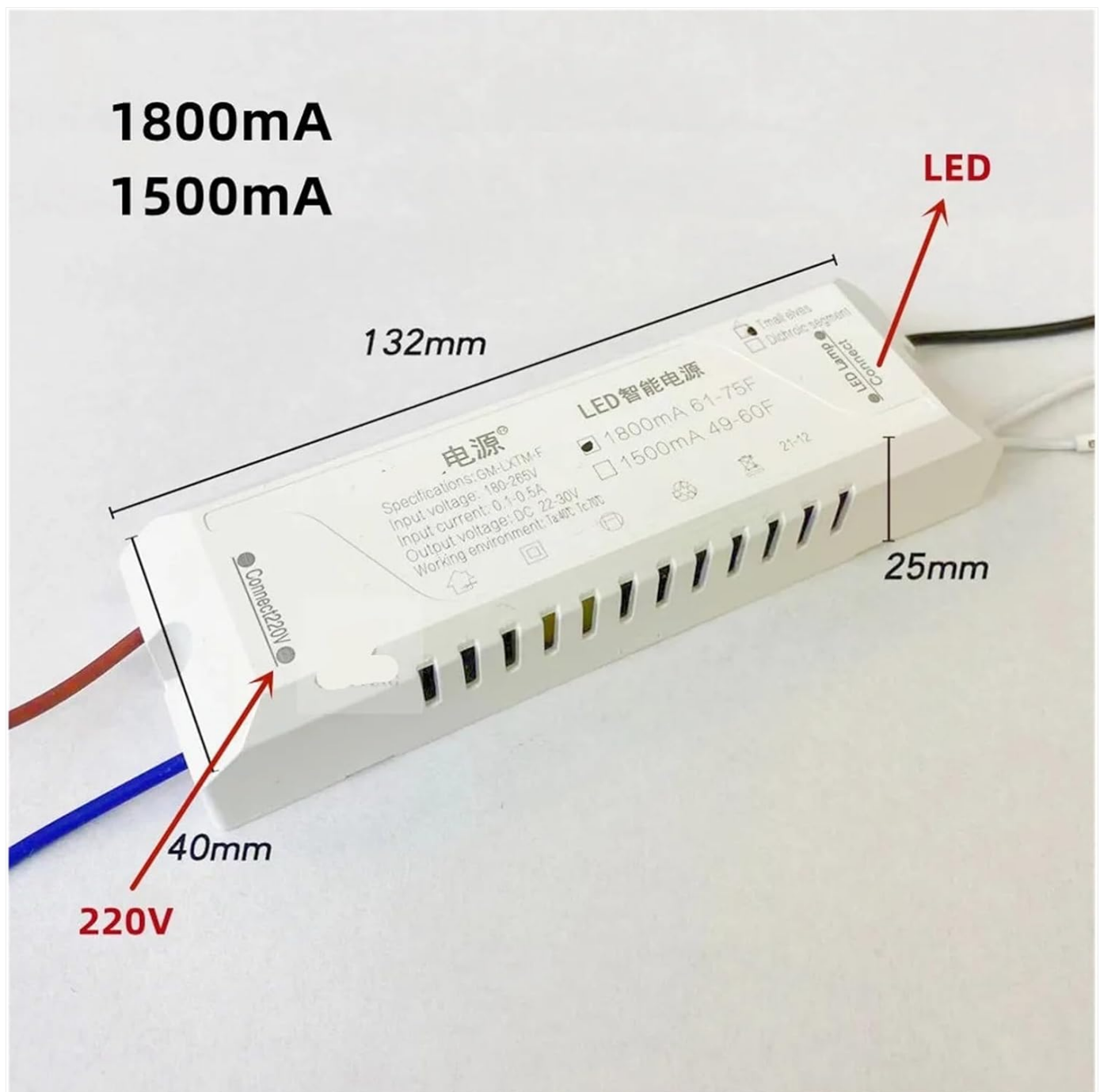


Figure 3.2: GM-LXTM-F LED Driver (1500mA, 1800mA variants). This image displays the driver with dimensions: length 132mm, width 40mm, height 25mm. It shows input voltage for 220V and connections for LED output.

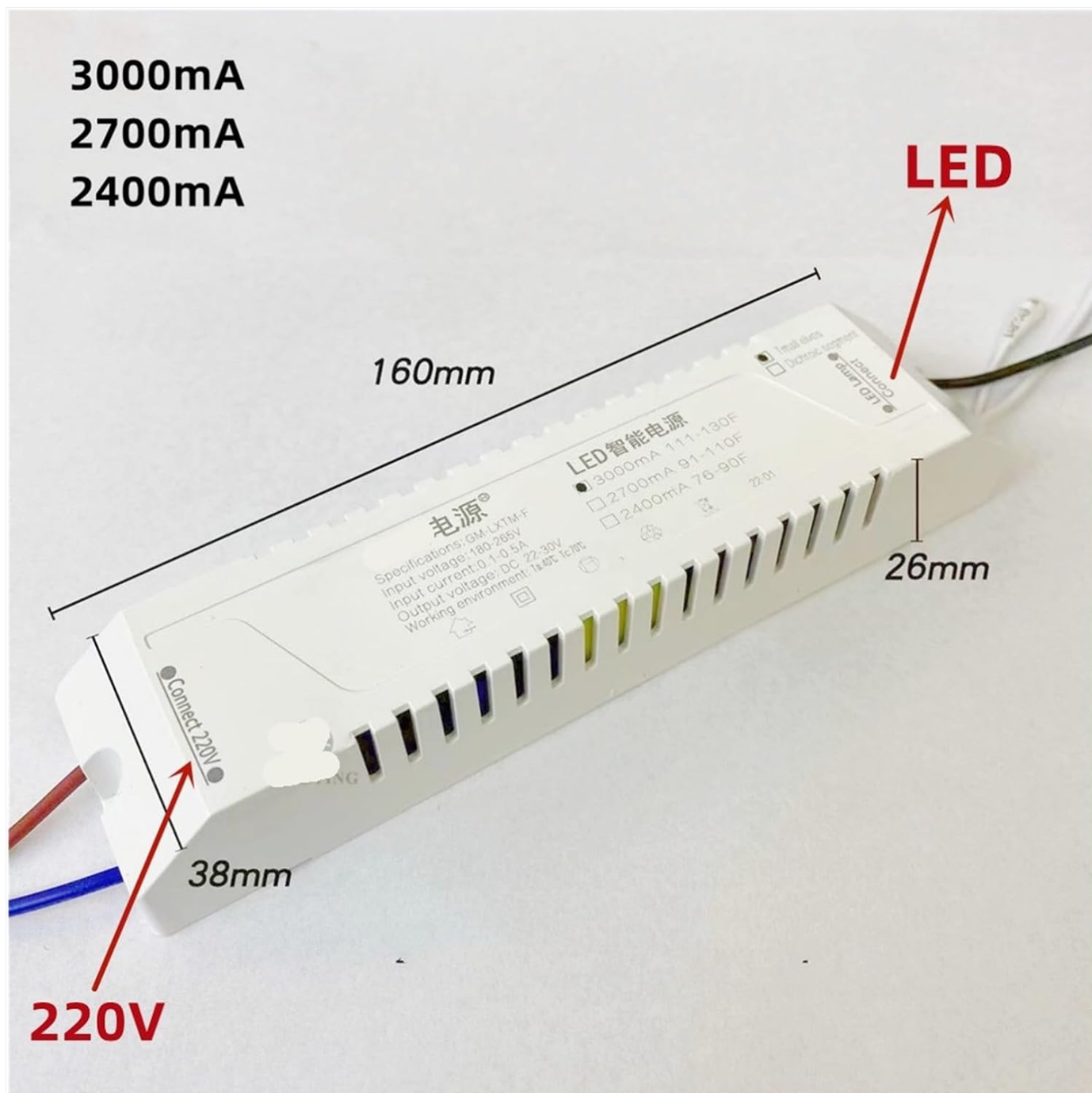


Figure 3.3: GM-LXTM-F LED Driver (2400mA, 2700mA, 3000mA variants). This image illustrates the driver with dimensions: length 160mm, width 38mm, height 26mm. It indicates input voltage for 220V and connections for LED output.

4. SPECIFICATIONS

Feature	Detail
Model	GM-LXTM-F
Brand	PXNQMTJM
Input Voltage	110-220V AC (depending on variant)
Output Voltage	22-30V DC
Output Current Options	600mA, 800mA, 1200mA, 1500mA, 1800mA, 2400mA, 2700mA, 3000mA

Feature	Detail
Power Source	Corded Electric
Functionality	Two Line, Two Color Smart Power Supply
Item Weight	Approximately 50 g

5. SETUP AND INSTALLATION

Before beginning installation, ensure the main power supply is turned off at the circuit breaker.

- Verify Compatibility:** Confirm that the LED driver's output voltage and current match the requirements of your LED lighting fixture. Also, ensure the driver's input voltage (110V or 220V) is compatible with your local electrical supply.
- Mounting:** Securely mount the LED driver in a well-ventilated area, away from direct heat sources or moisture. Ensure there is adequate space around the driver for heat dissipation.
- Input Wiring:** Connect the AC input wires from your mains supply to the corresponding input terminals on the LED driver. Typically, these are labeled "L" (Live) and "N" (Neutral) or "Connect 110-220V" as shown in product images. Ensure a secure connection.
- Output Wiring:** Connect the LED fixture's input wires to the output terminals of the LED driver. The GM-LXTM-F driver supports two-color LEDs, so connect the respective color lines (e.g., white and warm white) to the designated output terminals, often labeled "LED" or similar. Observe polarity (+ and -).
- Insulation:** After all connections are made, ensure all exposed wires are properly insulated to prevent short circuits.
- Power On:** Once all connections are secure and insulated, restore power at the circuit breaker.

Refer to the wiring diagrams provided with your LED fixture for specific connection details.

6. OPERATING INSTRUCTIONS

The PXNQMTJM GM-LXTM-F LED Driver operates automatically once properly installed and powered. It provides a constant current output to the connected LED fixture.

- Power On/Off:** Control the LED lighting by switching the main power supply on or off.
- Two-Color Functionality:** If your LED fixture supports two colors and is wired accordingly, the driver will manage the power delivery to both lines. Specific control over color switching (if available) will depend on the LED fixture's design and external switches, not directly on the driver itself.
- Stable Output:** The driver is designed to maintain a stable current output, ensuring consistent brightness and prolonging the lifespan of your LEDs.

7. MAINTENANCE

The GM-LXTM-F LED Driver requires minimal maintenance. Follow these guidelines to ensure optimal performance and longevity:

- Cleaning:** Periodically clean the exterior of the driver with a dry, soft cloth to remove dust. Do not use liquid cleaners or solvents.
- Inspection:** Regularly inspect the wiring for any signs of damage, fraying, or loose connections. Address any issues immediately after disconnecting power.
- Ventilation:** Ensure that the area around the driver remains clear and well-ventilated to prevent heat buildup.
- Environmental Conditions:** Avoid exposing the driver to extreme temperatures, high humidity, or corrosive

environments.

No user-serviceable parts are inside the driver. Do not attempt to open or repair the unit.

8. TROUBLESHOOTING

If you encounter issues with your LED driver, refer to the following troubleshooting steps:

Problem	Possible Cause	Solution
LEDs not lighting up	No power supply Loose connections Incorrect wiring Faulty LED fixture Driver failure	Check circuit breaker and power switch. Verify all input and output connections are secure. Re-check wiring against installation instructions. Test LED fixture with a known good power source. If all else fails, the driver may need replacement.
LEDs flickering or dim	Unstable input voltage Overloaded driver Loose connections Driver overheating	Ensure stable mains voltage. Verify total wattage of LEDs does not exceed driver capacity. Check all wiring connections. Ensure adequate ventilation around the driver.
Driver is hot to touch	Poor ventilation Overload	Improve airflow around the driver. Reduce the load on the driver or use a higher capacity driver.

If the problem persists after attempting these solutions, contact a qualified electrician or the product supplier for assistance.

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided at the point of purchase or contact PXNQMTJM customer service. Keep your purchase receipt as proof of purchase.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

<https://manuals.plus/asin/B0DF4P8N4F>

More documents and user manuals: <https://manuals.plus/>