

LEDLUX TL0288C

LEDLUX T5 G5 LED Tube User Manual

Model: TL0288C

Brand: LEDLUX

1. PRODUCT OVERVIEW

The LEDLUX T5 G5 LED Tube (Model: TL0288C) is a high-efficiency lighting solution designed to replace traditional T5 fluorescent tubes. This 288mm long LED tube features a G5 base, a diameter of 16mm, and incorporates 24 SMD 2835 LEDs. It operates with a low power consumption of 4 watts while providing a high brightness of 350 lumens. It emits a warm white light with a color temperature of approximately 3000 Kelvin, making it an ideal replacement for 8W T5 fluorescent tubes.

2. SAFETY INFORMATION

Please read all safety instructions carefully before installation and use. Failure to follow these instructions may result in electric shock, fire, or other hazards.

- **Electrical Safety:** Always disconnect power at the circuit breaker before attempting any installation, maintenance, or cleaning.
- **Professional Installation:** This LED tube is designed to be powered directly by 220V. When replacing traditional fluorescent tubes, it is essential to remove the existing ballast and starter from the fixture. If you are not familiar with electrical wiring, it is highly recommended to seek assistance from a qualified electrician to avoid damage to the product or electrical hazards.
- **Handling:** Handle the LED tube with care to prevent breakage. Do not apply excessive force.
- **Cleaning:** For cleaning, ensure the tube is cool and power is disconnected. Use a soft, dry cloth. Do not use abrasive cleaners or solvents. For information on cleaning and disposing of broken or damaged bulbs, refer to local guidelines.
- **Recycling:** Dispose of the LED tube according to local regulations for electronic waste. Information on recycling for this and other types of bulbs can be found through your local waste management services.

3. PACKAGE CONTENTS

Your package should contain the following item:

- 1 x LEDLUX T5 G5 LED Tube (Model: TL0288C)

4. SETUP AND INSTALLATION

Important: This LED tube requires direct 220V power and is not a direct plug-and-play replacement for traditional fluorescent tubes in all fixtures. The ballast and starter must be bypassed or removed.

1. **Disconnect Power:** Before beginning installation, turn off the power supply to the fixture at the main circuit breaker. Verify that the power is off using a voltage tester.
2. **Remove Old Tube:** Carefully remove the existing fluorescent tube from the fixture.
3. **Bypass/Remove Ballast and Starter:** Locate the ballast and starter within the fixture. These components must be disconnected or removed entirely. The LED tube will be wired directly to the 220V AC power supply. *If you are unsure how to perform this step, consult a qualified electrician.*
4. **Wire the Fixture:** Connect the live (L) and neutral (N) wires from the 220V AC supply directly to the G5 pins of the LED tube. Ensure all connections are secure and properly insulated.
5. **Install LED Tube:** Insert the LEDLUX T5 G5 LED Tube into the fixture's G5 sockets, ensuring the pins are correctly aligned and seated.
6. **Restore Power:** Once the installation is complete and all connections are secure, restore power at the circuit breaker.
7. **Test:** Turn on the light switch to test the new LED tube.



Figure 1: The LEDLUX T5 G5 LED Tube, highlighting its G5 base with two metal pins designed for electrical connection. The tube itself is slender and white, indicating its tubular form factor.

5. OPERATING INSTRUCTIONS

Once installed, the LEDLUX T5 G5 LED Tube operates like any standard light bulb. Simply use the wall switch or fixture switch to turn the light on or off.

6. MAINTENANCE

The LEDLUX T5 G5 LED Tube requires minimal maintenance. Follow these guidelines:

- **Cleaning:** Ensure the power is off and the tube is cool before cleaning. Gently wipe the surface with a soft, dry, lint-free cloth. Do not use liquid cleaners, aerosols, or abrasive materials.

- **Inspection:** Periodically inspect the tube and its connections for any signs of damage or wear. If any damage is observed, disconnect power immediately and replace the tube.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Tube does not light up.	No power supply. Incorrect wiring (ballast/starter not bypassed). Loose connection. Damaged tube.	Check power switch and circuit breaker. Ensure ballast and starter are removed/bypassed (consult electrician if unsure). Check all electrical connections are secure. Replace the tube if damaged.
Flickering light.	Unstable power supply. Loose connection. Incompatible fixture (ballast still present).	Ensure stable power. Check connections. Verify ballast and starter are completely removed/bypassed.

If the problem persists after attempting these solutions, please contact customer support.

8. SPECIFICATIONS

Brand:	LEDLUX
Model:	TL0288C
Type:	LED Tube
Base Type:	G5
Length:	288 mm
Diameter:	16 mm
Power Consumption:	4 Watts
Luminous Flux:	350 Lumens
Voltage:	220 Volts
Color Temperature:	3000 Kelvin (Warm White)
Incandescent Equivalent:	8W T5 Fluorescent
LED Type:	24 SMD 2835
Product Weight:	0.07 g

9. WARRANTY AND SUPPORT

For warranty information or technical support, please contact LEDLUX customer service through their official website or the retailer where the product was purchased. Please have your model number (TL0288C) and purchase details ready when contacting support.

You can visit the LEDLUX store for more information:[LEDLUX Store](#)

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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