

## Technical Precision PLC-26W

# Technical Precision 26W CFL Bulb User Manual

Model: PLC-26W

Brand: Technical Precision

## 1. INTRODUCTION

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This manual provides essential information for the safe and effective use of your Technical Precision 26W CFL Bulb. Please read these instructions carefully before installation and retain them for future reference.

### What's in the Box

- 1 x Technical Precision 26W CFL Bulb (Model: PLC-26W 6500K)

## 2. IMPORTANT SAFETY INFORMATION

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**WARNING: Risk of electric shock. Always turn off power at the main circuit breaker before installing or removing the bulb.**

- Do not use this bulb in dimmable fixtures unless specifically rated for dimming.
- Do not use this bulb in totally enclosed luminaires, as this can shorten bulb life.
- Avoid touching the glass portion of the bulb with bare hands during installation or removal. Oils from your skin can reduce bulb life.
- If the bulb breaks, ventilate the room and follow local guidelines for cleanup and disposal due to small amounts of mercury.
- Ensure the fixture is compatible with the G24Q-3 4-pin base type.

## 3. PRODUCT SPECIFICATIONS

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**G24Q-3**

**4-Pin**

base



**7 in**

length



**1.25 in**

width



uses

**26 watts**



**26 Watt CFL Light Bulb**

An illustrative diagram indicating the bulb's length (7 inches), width (1.25 inches), wattage (26 watts), and G24Q-3 4-pin base type.

Feature	Detail
Model Number	PLC-26W 6500K
Wattage	26 Watts
Luminous Flux	1825 Lumens
Color Temperature	6500 Kelvin (Daylight)
Base Type	G24Q-3 (4-Pin)
Bulb Shape	T4 Double Tube Compact Fluorescent
Voltage	110 Volts
Average Life	10,000 Hours
Bulb Length	6.5 Inches
Material	Glass

## 4. INSTALLATION INSTRUCTIONS

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Follow these steps to safely install your new CFL bulb:

1. **Turn Off Power:** Before beginning, ensure the power to the light fixture is completely turned off at the circuit breaker or fuse box. This is crucial for preventing electrical shock.
2. **Allow Cooling:** If replacing an existing bulb, allow it to cool down completely before handling.
3. **Remove Old Bulb (if applicable):** Gently grasp the old bulb and pull it straight out from the fixture. Do not twist if it's a plug-in type.
4. **Inspect Fixture:** Check the fixture's socket for any damage or debris. Ensure it is clean and dry.
5. **Insert New Bulb:** Align the 4 pins of the new Technical Precision CFL bulb with the corresponding slots in the G24Q-3 socket. Gently push the bulb straight into the socket until it is firmly seated. Do not force the bulb.



A detailed view of the G24Q-3 4-pin base, highlighting the four electrical pins for proper connection.

6. **Restore Power:** Once the bulb is securely installed, restore power at the circuit breaker.
7. **Test:** Turn on the light switch to confirm the bulb is working correctly.

## 5. OPERATION

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Operating your Technical Precision 26W CFL Bulb is straightforward:

- Simply use the standard light switch connected to your fixture to turn the bulb on or off.
- CFL bulbs may take a short period (up to a minute) to reach full brightness, especially in colder environments. This is normal operation.

## 6. CARE AND MAINTENANCE

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To ensure optimal performance and longevity of your CFL bulb:

- **Cleaning:** Ensure the power is off and the bulb is cool. Wipe the bulb gently with a soft, dry cloth. Do not use liquid cleaners or abrasive materials.
- **Disposal:** CFL bulbs contain a small amount of mercury. Do not dispose of them in regular household trash. Recycle them at designated collection points or follow local regulations for hazardous waste disposal. Many retailers offer recycling programs.
- **Handling:** Always handle the bulb by its plastic base, not the glass tubes, to avoid damage and ensure safety.

## 7. TROUBLESHOOTING

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If your CFL bulb is not functioning as expected, consider the following:

Problem	Possible Cause	Solution
Bulb does not light up	No power to the fixture, loose connection, faulty bulb, incompatible fixture.	Check circuit breaker. Ensure bulb is fully seated. Test bulb in another compatible fixture. Verify fixture compatibility.
Bulb flickers	Loose connection, incompatible dimmer switch, low voltage, end of bulb life.	Ensure bulb is fully seated. Remove any dimmer switches not rated for CFLs. Check household voltage. Replace bulb if it's at the end of its lifespan.
Bulb takes too long to reach full brightness	Normal CFL operation, especially in cold conditions.	This is typical for CFLs. No action required unless it never reaches full brightness.

## 8. WARRANTY AND SUPPORT

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Technical Precision products are manufactured to high-quality standards. For information regarding warranty coverage, product support, or to contact customer service, please visit the official Technical Precision store or website.

**Technical Precision Store:** [Visit the Technical Precision Store on Amazon](#)