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Philips 28096-6

Philips 28096-6 17W Fluorescent Lamp Instruction Manual

Model: 28096-6

1. INTRODUCTION

This manual provides essential information for the safe installation, operation, and maintenance of your Philips 28096-6 17W Fluorescent Lamp. Please read these instructions carefully before use and retain them for future reference.

The Philips 28096-6 is a 17-watt fluorescent lamp designed for general lighting applications. It features a 5000 Kelvin color temperature, providing a cool white light, and has a color rendering index (CRI) of 82, ensuring good color perception. The average lifespan of this lamp is 30,000 hours.

2. SAFETY INFORMATION

WARNING: To reduce the risk of electric shock, fire, or injury, always follow these safety precautions.

- **Disconnect Power:** Always turn off the power at the circuit breaker or fuse box before installing, removing, or servicing the lamp.
- **Proper Fixture:** Use this lamp only in fixtures designed for fluorescent lamps of the specified wattage and type (T8).
- **Handle with Care:** Fluorescent lamps contain a small amount of mercury. Handle with care to avoid breakage. In case of breakage, ventilate the area and clean up carefully according to local regulations.
- **Disposal:** Dispose of used lamps according to local environmental regulations. Do not dispose of in regular household waste.
- **Avoid Contact:** Do not touch the lamp with wet hands.
- **Indoor Use Only:** This lamp is intended for indoor use in dry locations unless otherwise specified by the fixture.

3. SETUP AND INSTALLATION

Follow these steps to install your Philips 28096-6 fluorescent lamp:

- 1. Turn Off Power:** Ensure the power supply to the fixture is completely turned off at the circuit breaker or fuse box.
- 2. Remove Old Lamp (if applicable):** Carefully twist the old fluorescent lamp 90 degrees and gently pull it out of the lampholders.
- 3. Insert New Lamp:** Align the pins of the new Philips 28096-6 lamp with the slots in the lampholders. Gently push the lamp into the lampholders until the pins are fully seated, then twist the lamp 90 degrees to lock it into place. Ensure the lamp is securely seated.
- 4. Restore Power:** Once the lamp is securely installed, restore power to the fixture from the circuit breaker or fuse box.
- 5. Test:** Turn on the light switch to verify proper operation.



Figure 1: Philips 28096-6 17W Fluorescent Lamp. This image shows the tubular shape and pin connectors typical of a T8 fluorescent lamp.

4. OPERATING INSTRUCTIONS

The Philips 28096-6 fluorescent lamp operates immediately upon receiving power from a compatible fixture. Simply use the wall switch or fixture control to turn the light on or off. This lamp is designed for consistent performance over its rated lifespan when used within its specified operating conditions.

5. MAINTENANCE

Minimal maintenance is required for the Philips 28096-6 fluorescent lamp.

- **Cleaning:** Ensure the power is off before cleaning. Gently wipe the lamp with a soft, dry, or slightly damp cloth to remove dust. Do not use abrasive cleaners or solvents.
- **Replacement:** Replace the lamp when it reaches the end of its useful life (indicated by flickering, dimming, or failure to light). Follow the installation steps in Section 3 for replacement.

6. TROUBLESHOOTING

If your Philips 28096-6 lamp is not functioning correctly, consider the following:

Problem	Possible Cause	Solution
Lamp does not light up.	No power to the fixture. Lamp not properly seated. Lamp has reached end of life. Faulty ballast or starter (if applicable).	Check circuit breaker/fuse. Ensure lamp is securely twisted into lampholders. Replace the lamp. Consult a qualified electrician for fixture repair.
Lamp flickers.	Lamp nearing end of life. Loose connection. Incompatible or failing ballast.	Replace the lamp. Re-seat the lamp firmly. Consult a qualified electrician.

7. SPECIFICATIONS

Detailed specifications for the Philips 28096-6 17W Fluorescent Lamp:

- **Model Number:** 28096-6
- **Wattage:** 17 Watts
- **Light Type:** Fluorescent
- **Bulb Shape Size:** T8
- **Special Feature:** F17T8/TL850 ALTO Plus Straight T8
- **Color Temperature:** 5000 Kelvin (Cool White)
- **Color Rendering Index (CRI):** 82
- **Brightness:** 1235 Lumens
- **Average Life:** 30,000 hours
- **Product Dimensions:** Approximately 24 x 1.25 x 1.25 inches
- **Item Weight:** 3.2 ounces
- **Control Method:** App (*Note: This refers to smart home integration capabilities of some systems, not the bulb itself. The bulb is controlled by a standard switch.*)

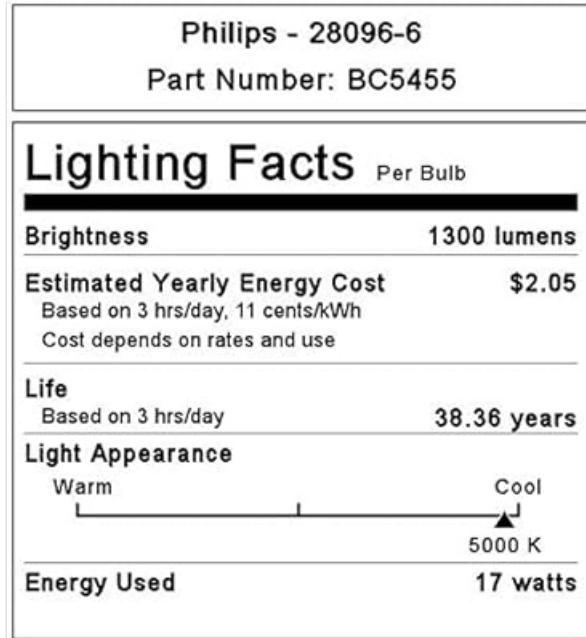


Figure 2: Example of an energy efficiency label, often associated with lighting products, indicating performance metrics.

8. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the official Philips website or contact your retailer. Keep your purchase receipt as proof of purchase.

Philips Customer Service: For technical assistance or product inquiries, please visit the Philips support website or contact their customer service line (details typically found on product packaging or the official Philips website).