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Philips LED 281816

Philips LED 281816 32W T8 Natural Light 5000K Alto Linear Fluorescent Light Bulb (30 Pack)

Instruction Manual

1. Product Overview

The Philips 281816 32-watt Daylight Linear Fluorescent light bulb is designed to provide bright, natural light for various indoor environments. This bulb emits a 5000-Kelvin light, suitable for spaces like laundry rooms, bathrooms, or workspaces, and is versatile for both commercial and residential applications. It features a Miniature Bipin base for installation.

This product is part of a 30-pack, offering a comprehensive lighting solution. Philips emphasizes environmental responsibility through a low-mercury design and by reusing glass and packaging materials. The bulb boasts a long lamp life of 24,000 hours, ensuring extended use.



A single Philips LED T8 linear fluorescent light bulb, showing its long, cylindrical shape and the green miniature bipin base at one end.

2. Safety Information

Please read and understand all safety instructions before installing or operating this product. Failure to follow these instructions may result in electric shock, fire, or other injuries.

- **WARNING: Risk of Electric Shock.** Always turn off power at the circuit breaker or fuse box before installation, removal, or maintenance.
- Do not use if the bulb or fixture is damaged.
- This bulb is designed for indoor use only. Do not expose to water or excessive moisture.
- Handle fluorescent bulbs with care. They contain a small amount of mercury. In case of breakage, ventilate the area and follow local guidelines for cleanup and disposal.

- Ensure the fixture is compatible with T8 fluorescent bulbs and the Miniature Bipin base.

3. Setup and Installation

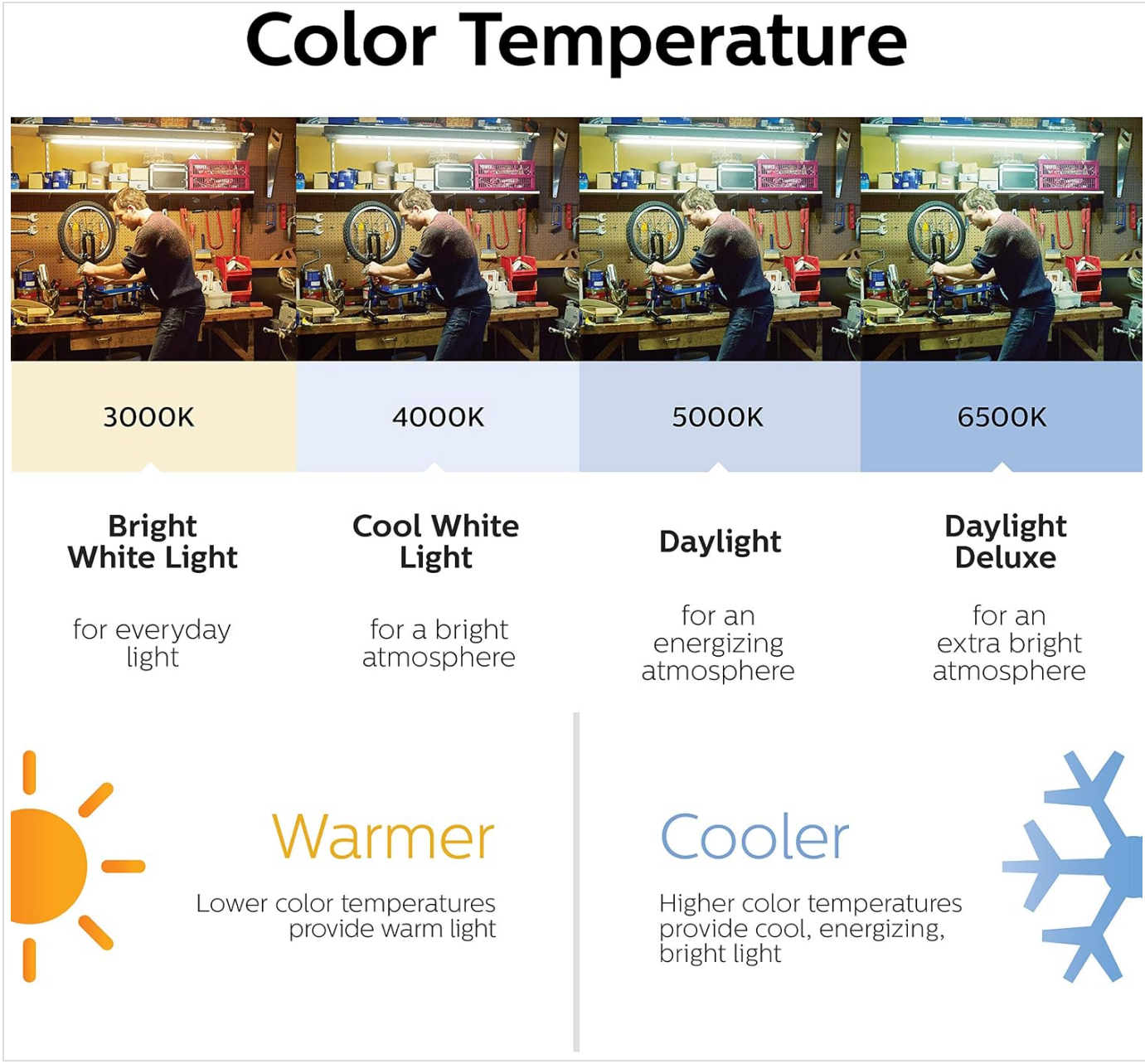
Follow these steps to safely install your Philips T8 Fluorescent Light Bulb:

1. **Turn Off Power:** Locate the circuit breaker or fuse box that controls the power to the light fixture. Turn off the power completely before proceeding. Verify that the power is off by attempting to turn on the light switch.
2. **Remove Old Bulb (if applicable):** If replacing an existing bulb, carefully twist the old fluorescent bulb 90 degrees to align the pins with the slots in the fixture's lampholders, then gently pull it out.
3. **Insert New Bulb:** Align the two pins on each end of the Philips T8 bulb with the slots in the fixture's lampholders. Gently push the bulb into the lampholders until the pins are fully seated.
4. **Secure Bulb:** Once the pins are seated, rotate the bulb 90 degrees until it clicks into place. This locks the bulb securely in the lampholders.
5. **Restore Power:** Once the bulb is securely installed, return to the circuit breaker or fuse box and turn the power back on.
6. **Test:** Turn on the light switch to ensure the new bulb is functioning correctly.

4. Operation

Operating the Philips T8 Fluorescent Light Bulb is straightforward:

- Once installed and power is restored, simply use the wall switch or fixture control to turn the light on or off.
- The bulb will provide a 5000K Daylight white light, ideal for tasks requiring clear visibility and an energizing atmosphere.



An illustrative chart explaining different light color temperatures, ranging from 3000K (Bright White Light) to 6500K (Daylight Deluxe), and indicating that 5000K provides Daylight for an energizing atmosphere. It also shows that lower color temperatures are warmer and higher temperatures are cooler.

5. Maintenance

Minimal maintenance is required for your Philips T8 Fluorescent Light Bulb:

- **Cleaning:** Ensure the power is off before cleaning. Gently wipe the bulb with a soft, dry, lint-free cloth. Do not use liquid cleaners or abrasive materials.
- **Disposal:** Due to the small amount of mercury contained in fluorescent bulbs, proper disposal is crucial. Do not dispose of these bulbs in regular household trash. Contact your local waste management facility or recycling center for information on proper disposal and recycling options in your area. Many retailers also offer recycling programs for fluorescent bulbs.

6. Troubleshooting

If your Philips T8 Fluorescent Light Bulb is not functioning as expected, consider the following common issues and solutions:

- **Bulb Does Not Light Up:**
  - Check if the power switch is on.
  - Verify that the circuit breaker or fuse for the fixture is not tripped or blown.
  - Ensure the bulb is properly seated and twisted into the lampholders. Turn off power, remove, and re-insert the bulb.
  - Inspect the fixture's lampholders for any damage or corrosion.
  - If replacing an old bulb, ensure the fixture's ballast is compatible with T8 fluorescent bulbs.
- **Bulb Flickers:**
  - Flickering can sometimes occur if the bulb is not fully seated. Turn off power and re-seat the bulb.
  - Ensure the ambient temperature is within the operating range for fluorescent bulbs.
  - Flickering can also indicate an aging or incompatible ballast in the fixture.
- **Reduced Brightness:**
  - Ensure the bulb and fixture are clean. Dust accumulation can reduce light output.
  - Verify the bulb's wattage matches the fixture's requirements.

If troubleshooting steps do not resolve the issue, contact Philips customer support or a qualified electrician.

7. Specifications

Feature	Specification
Brand	Philips LED
Model Number	281816
Light Type	Fluorescent
Wattage	32 Watts
Bulb Shape Size	T8
Bulb Base	Miniature Bipin (BX22D)
Light Color	Daylight White
Color Temperature	5000 Kelvin
Brightness	2950 Lumens
Lamp Life	24,000 hours
Material	Glass
Indoor/Outdoor Usage	Indoor
Product Dimensions	47.75 x 1 x 1 inches
Item Weight	10.23 pounds (for 30-pack)
Quantity	30 Count (Pack of 1)

Feature	Specification
Special Feature	Energy Efficient

8. Warranty and Support

This Philips LED 281816 32W T8 Fluorescent Light Bulb comes with a**3-year warranty**. Please refer to the product packaging for specific details regarding warranty coverage and terms.

For technical support, warranty claims, or further assistance, please visit the official Philips Lighting website or contact Philips customer service through their designated support channels. Keep your proof of purchase for warranty purposes.

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