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Philips TL-D 18W/18

Philips TL-D 18W/18 Blue Straight T8 Fluorescent Tube Light Bulb User Manual

Model: TL-D 18W/18 | Brand: Philips

INTRODUCTION

This manual provides essential information for the safe and efficient use of your Philips TL-D 18W/18 Blue Straight T8 Fluorescent Tube Light Bulb. Please read these instructions carefully before installation and operation, and retain them for future reference.



Image: The Philips TL-D 18W/18 Blue Straight T8 Fluorescent Tube Light Bulb, a long, cylindrical blue-tinted tube with G13 end caps.

SAFETY INFORMATION

Always observe the following safety precautions to prevent injury or damage:

- **Electrical Hazard:** Ensure power is disconnected at the main circuit breaker before installation, removal, or maintenance.
- **Fragile Item:** Handle the fluorescent tube with care. Avoid dropping or subjecting it to impact, as it contains glass and can break.
- **Proper Disposal:** Fluorescent lamps contain small amounts of mercury. Dispose of them according to local regulations. Do not dispose of with general household waste.
- **Compatibility:** Use only with compatible T8 fluorescent fixtures and ballasts. Incorrect ballast or fixture can cause damage or fire.
- **Indoor Use Only:** This product is designed for indoor applications. Do not use in wet locations or outdoors unless specified by the fixture.
- **Dimmable Feature:** If using the dimmable feature, ensure your fixture and ballast are compatible with dimmable fluorescent tubes.

SETUP AND INSTALLATION

Unpacking

1. Carefully remove the fluorescent tube from its packaging.
2. Inspect the tube for any signs of damage, such as cracks or broken pins. Do not install a damaged tube.

Installation

Follow these steps to install the fluorescent tube:

1. **Disconnect Power:** Before beginning, ensure the power supply to the fixture is turned off at the circuit breaker.
2. **Remove Old Tube (if applicable):** If replacing an old tube, gently twist the old tube 90 degrees to align the pins with the slots in the lampholder, then pull it out.
3. **Insert New Tube:** Align the pins of the new Philips TL-D 18W/18 tube with the slots in the lampholders at both ends of the fixture.
4. **Secure Tube:** Push the tube firmly into the lampholders and then rotate it 90 degrees until it locks securely into place. Ensure the tube is seated properly and cannot fall out.
5. **Restore Power:** Once the tube is securely installed, restore power at the circuit breaker.

OPERATING INSTRUCTIONS

Turning On/Off

Once installed and power is restored, the fluorescent tube will illuminate when the fixture's switch is turned on. Turn the switch off to extinguish the light.

Dimmable Functionality

This Philips TL-D 18W/18 tube is dimmable. To utilize this feature, it must be installed in a fixture equipped with a compatible dimmable fluorescent ballast and connected to an appropriate dimmer switch. Refer to your fixture and dimmer switch manuals for specific dimming instructions.

MAINTENANCE

Cleaning

To maintain optimal light output, periodically clean the fluorescent tube. Ensure the power is off and the tube is cool before cleaning. Use a soft, dry, lint-free cloth to gently wipe the surface of the tube. Do not use abrasive cleaners or solvents.

Replacement

When the tube reaches the end of its operational life (approximately 15,000 hours), it will begin to flicker, dim, or fail to illuminate. Replace the tube following the "Installation" steps in the Setup section, ensuring power is disconnected first.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Tube does not light up.	No power to fixture. Tube not properly seated. Faulty ballast or starter (if applicable). Tube has reached end of life.	Check circuit breaker and wall switch. Ensure tube is twisted 90 degrees and securely in lampholders. Consult a qualified electrician to inspect/replace ballast/starter. Replace the tube.

Problem	Possible Cause	Solution
Tube flickers or dims.	Tube nearing end of life. Incorrect ballast. Loose connection.	Replace the tube. Ensure ballast is compatible with T8 fluorescent tubes. Check tube seating in lampholders.
Tube makes buzzing noise.	Old or failing ballast. Loose components in fixture.	Consult a qualified electrician to inspect/replace ballast. Inspect fixture for loose parts.

SPECIFICATIONS

Brand	Philips
Model Name	TL-D 18W/18
Part Number	928048001805
Light Type	Fluorescent
Bulb Shape Size	T8
Bulb Base	G13
Wattage	18 Watts
Light Color	Blue
Brightness	900 Lumens
Voltage	230 Volts (Accepted: 100 to 240 Volts)
Special Feature	Dimmable
Average Life	15,000 Hours
Product Dimensions	23.23 x 1.02 x 1.02 inches
Item Weight	2.4 ounces
Material	Copper
Indoor/Outdoor Usage	Indoor
Control Method	App (Requires compatible smart ballast/system)
GTIN	08711500726902

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Philips website or contact Philips customer service. Specific warranty terms may vary by region and retailer.

Online Support: Visit www.philips.com/support

Customer Service: Refer to your product packaging or the Philips website for local contact numbers.

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