

PHILIPS 34770-8

Philips PL-L 50W/41/RS Compact Fluorescent Light Bulb User Manual

Model: 34770-8

INTRODUCTION

This manual provides essential information for the safe and effective use of your Philips PL-L 50W/41/RS Compact Fluorescent Light Bulb. This 50-watt, 120-volt bulb features a PL-L 4-Pin (2G11) base and emits 4100K cool white light. Please read this manual thoroughly before installation and operation.

SAFETY INFORMATION

Always observe the following safety precautions:

- **Power Disconnection:** Always ensure the power supply to the fixture is turned off before installing, removing, or cleaning the bulb.
- **Correct Fixture:** Use this bulb only in fixtures designed for 50-watt, 120-volt PL-L 4-Pin (2G11) compact fluorescent lamps. Using an incorrect fixture can lead to damage or fire.
- **Handling:** Handle the bulb by its plastic base, not the glass tube, to avoid breakage and contamination.
- **Disposal:** This product contains mercury. Dispose of in accordance with local, state, and federal laws. Do not dispose of in regular household waste. Visit www.epa.gov/cfl for more information on proper disposal.
- **Breakage:** In case of bulb breakage, ventilate the area for 15 minutes. Carefully collect all glass fragments and visible powder using stiff paper or cardboard. Do not use a vacuum cleaner. Place materials in a sealed plastic bag and dispose of properly.
- **Indoor Use Only:** This bulb is designed for indoor use.

SETUP AND INSTALLATION

Follow these steps for proper installation:

1. **Verify Compatibility:** Confirm that your lighting fixture is compatible with a 50-watt, 4-pin (2G11) compact

fluorescent lamp.

2. **Turn Off Power:** Locate the circuit breaker or wall switch controlling the fixture and turn off the power completely.
3. **Remove Old Bulb (if applicable):** If replacing an existing bulb, allow it to cool down. Gently grasp the base of the old bulb and pull it straight out from the socket. Do not twist the glass tubes.
4. **Insert New Bulb:** Align the four pins on the base of the new Philips PL-L 50W/41/RS bulb with the corresponding slots in the fixture's socket. Gently push the bulb straight into the socket until it is firmly seated. Do not force the bulb.
5. **Restore Power:** Once the bulb is securely in place, restore power to the fixture.
6. **Test:** Turn on the light switch to ensure the bulb is functioning correctly.



Image: Detail of the 4-pin (2G11) base, showing the four gold pins and the model information printed on the white plastic housing. This base ensures proper electrical connection and fit into compatible fixtures.

OPERATING

The Philips PL-L 50W/41/RS bulb operates immediately upon receiving power. It is designed for general illumination purposes, providing a cool white light suitable for various indoor environments.

- **Warm-up Time:** Fluorescent bulbs may take a few moments to reach full brightness, especially in cooler temperatures.
- **Dimming:** This standard compact fluorescent bulb is typically not designed for use with dimmers unless explicitly stated on the fixture or ballast. Using it with an incompatible dimmer may damage the bulb or ballast.
- **Frequent Switching:** Frequent on/off cycling can reduce the lifespan of fluorescent bulbs.



Image: The Philips PL-L 50W/41/RS compact fluorescent light bulb, showing its dual-tube design and 4-pin base. This bulb provides efficient illumination for compatible fixtures.

MAINTENANCE

This fluorescent bulb requires minimal maintenance. Regular cleaning can help maintain optimal light output.

- **Cleaning:** Ensure the power is off and the bulb is cool before cleaning. Gently wipe the glass tubes with a soft, dry, lint-free cloth. Do not use liquid cleaners or abrasive materials.
- **Replacement:** Replace the bulb when it reaches the end of its rated average lifetime or when light output significantly diminishes. Refer to the "Setup and Installation" section for replacement instructions.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Bulb does not light up.	No power to the fixture. Bulb not properly seated. Defective bulb. Defective fixture or ballast.	Check circuit breaker and wall switch. Ensure bulb is fully inserted into the socket. Replace with a new bulb to test. Consult a qualified electrician for fixture/ballast issues.
Bulb flickers or hums.	Bulb nearing end of life. Incompatible dimmer. Ballast issue.	Replace the bulb. Ensure no dimmer is used, or it is a compatible fluorescent dimmer. Consult a qualified electrician.
Reduced light output.	Dust or dirt on bulb. Bulb nearing end of life.	Clean the bulb as per maintenance instructions. Replace the bulb.

SPECIFICATIONS

Feature	Detail
Brand	PHILIPS
Model Number	34770-8
Light Type	Compact Fluorescent (CFL)
Wattage	50 Watts
Voltage	120 Volts
Base Type	4-Pin (2G11)
Color Temperature	4100 Kelvin (Cool White)
Brightness (Lumens)	4000 Lumens
Color Rendering Index (CRI)	82
Average Lifetime	10,000 hours
Bulb Shape Size	T8 (Single Twin Tube)
Material	Copper (base components)
Indoor/Outdoor Usage	Indoor
Item Weight	7.5 ounces
Package Dimensions	22.5 x 1.8 x 1 inches

WARRANTY AND SUPPORT

For warranty information or technical support regarding your Philips PL-L 50W/41/RS Compact Fluorescent Light Bulb, please refer to the documentation provided with your original purchase or visit the official Philips lighting website. Specific warranty terms may vary by region and retailer.

For further assistance, you may also contact Philips customer service through their official channels.