

Philips 230425

Philips 230425 PL-C 26W 4-Pin Compact Fluorescent Light Bulb User Manual

Model: 230425

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your Philips 230425 Energy Saver Compact Fluorescent Non-Integrated (CFLni) 26-Watt PL-C 4-Pin Base Light Bulb. This bulb is designed to provide soft white light and significant energy savings for indoor applications such as kitchens and offices. Please read these instructions carefully before installation and retain them for future reference.

2. SAFETY INFORMATION

To prevent personal injury or product damage, always observe the following safety precautions:

- **WARNING: Risk of Electric Shock.** Always turn off power to the fixture at the circuit breaker or fuse box before installation, removal, or inspection.
- This bulb is for **indoor use only**. Do not use in outdoor or wet locations unless specifically rated for such use.
- This bulb is designed for use in fixtures with an **electronic ballast only**. Using it with an incompatible ballast may cause damage to the bulb or fixture, and may pose a fire hazard.
- Do not use with dimmers unless the fixture and bulb are specifically rated as dimmable. This bulb is generally not dimmable.
- Do not disassemble or modify the bulb. There are no user-serviceable parts inside.
- Handle the bulb by its plastic base, not the glass tubes, to avoid breakage and potential injury.
- If the bulb breaks, ventilate the room for 15 minutes. Carefully clean up broken glass and mercury using disposable gloves and a stiff piece of paper. Do not use a vacuum cleaner. Dispose of materials according to local regulations for fluorescent lamps.

3. PRODUCT OVERVIEW

The Philips 230425 is a 26-watt Compact Fluorescent Non-Integrated (CFLni) light bulb featuring a 4-pin G24q-2 base. It provides 1710 lumens of soft white light at a color temperature of 2700 Kelvin, offering an energy-efficient alternative to 105-watt incandescent bulbs. Its compact design makes it suitable for various indoor fixtures.



Image 3.1: Philips 230425 PL-C 26W 4-Pin Compact Fluorescent Light Bulb. This image shows the two U-shaped fluorescent tubes connected to a white plastic base with four pins.





Image 3.2: Philips 230425 PL-C 26W Light Bulb Packaging. The bulb is shown in its retail packaging, highlighting its 'Energy Saver' feature, 26W PL-C, Soft White 2700K, and G24q-2 4-pin base specifications.

4. SETUP AND INSTALLATION

Follow these steps for proper installation of your light bulb:

1. **Ensure Power is OFF:** Before beginning, turn off the power to the light fixture at the main circuit breaker or fuse box. Verify that the fixture is completely de-energized.
2. **Identify Compatible Fixture:** Confirm that your fixture is designed for PL-C 4-pin bulbs and uses an electronic ballast. This bulb is not compatible with magnetic ballasts or fixtures not designed for 4-pin CFLs.
3. **Remove Old Bulb (if applicable):** If replacing an existing bulb, allow it to cool completely. Grasp the old bulb firmly by its plastic base and gently 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 230425 bulb with the corresponding slots in the fixture's socket. Gently push the bulb straight into the socket until it is fully seated. Do not force the bulb, as this can damage the pins or the socket.
5. **Restore Power:** Once the bulb is securely installed, restore power to the fixture at the circuit breaker or fuse box.

Important: Always handle the bulb by its plastic base to avoid damaging the glass tubes or the internal components.

5. OPERATING INSTRUCTIONS

Operating the Philips 230425 light bulb is straightforward:

- **Turning On:** Flip the wall switch or fixture switch to the 'ON' position. The bulb should illuminate instantly, providing soft white light.

- **Turning Off:** Flip the wall switch or fixture switch to the 'OFF' position to turn off the light.

This bulb is designed for general illumination in compatible fixtures. It is not intended for use with dimmers or emergency exit lights unless the fixture explicitly states compatibility.

6. MAINTENANCE

The Philips 230425 light bulb requires minimal maintenance:

- **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, as these can damage the bulb.
- **Replacement:** When the bulb reaches the end of its lifespan (approximately 10,000 hours), it will cease to function. Replace it following the installation steps outlined in Section 4.
- **Disposal:** Compact fluorescent lamps contain a small amount of mercury. Dispose of used bulbs according to local, state, and federal regulations. Many retailers and recycling centers offer CFL recycling programs.

7. TROUBLESHOOTING

If your Philips 230425 light bulb is not functioning as expected, consider the following:

Problem	Possible Cause	Solution
Bulb does not light up.	No power to the fixture.	Check circuit breaker/fuse.
	Bulb not properly seated.	Ensure bulb is fully inserted into socket.
	Bulb has reached end of life.	Replace bulb.
	Incompatible ballast.	Verify fixture uses an electronic ballast.
Bulb flickers or hums.	Faulty fixture or switch.	Consult a qualified electrician.
	Incompatible ballast.	Verify fixture uses an electronic ballast.
	Loose connection.	Ensure bulb is fully inserted.
	Bulb nearing end of life.	Replace bulb.

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

8. SPECIFICATIONS

Key technical specifications for the Philips 230425 PL-C 26W 4-Pin Compact Fluorescent Light Bulb:

Feature	Specification
Model Number	230425
Light Type	Compact Fluorescent Light (CFL)
Wattage	26 Watts
Incandescent Equivalent	105 Watts
Base Type	G24q-2 (4-Pin)
Light Color	Soft White
Color Temperature	2700 Kelvin

Feature	Specification
Brightness	1710 Lumens
Voltage	120 Volts (Accepted: 100 to 240 Volts)
Average Life	10,000 Hours
Color Rendering Index (CRI)	82
Product Dimensions	6.81"W x 1.06"H
Indoor/Outdoor Usage	Indoor

Color Temperature



Image 8.1: Color Temperature Chart. This chart illustrates different color temperatures from 2000K (Amber Light) to 6500K (Daylight Deluxe), showing that 2700K (Soft White) provides relaxing, everyday light, which is characteristic of this Philips bulb.

9. WARRANTY INFORMATION

Philips warrants that this bulb will be free from defects in material and workmanship for 9.1 years, based on up to 3 hours average usage per day/7 days per week, when used as directed. If this bulb does not conform to the warranty, Philips will, at its election, send a replacement bulb or issue a refund upon receipt of the returned bulb, original sales receipt, and proof of purchase.

This limited warranty does not cover bulbs subject to accident, neglect, abuse, misuse, or acts of God.

Replacement or refund is the sole remedy available. Except to the extent prohibited by applicable law, any implied warranties are limited in duration to the duration of this warranty. Liability for incidental or consequential damages

is hereby expressly excluded. Some states do not allow exclusion of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

10. SUPPORT

For further assistance, technical support, or warranty claims, please contact Philips customer service. Refer to the product packaging or the official Philips website for the most current contact information.

Online Resources: For additional product information and support, visit the official Philips website.