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› Philips 418392 AccentLED T3 G4 Base 12-Volt Light Bulb User Manual

Philips 418392

Philips 418392 AccentLED T3 G4 Base 12-Volt Light Bulb User Manual

Model: 418392

1. PRODUCT OVERVIEW

The Philips 418392 AccentLED T3 light bulb is designed for use in desk lamps and cabinet lighting fixtures that operate on a 12-Volt power supply. This LED bulb provides a soft, white light and serves as an energy-efficient replacement for traditional 20-Watt halogen T3 bulbs with a G4 bi-pin base.

Key benefits include reduced energy consumption and a long operational lifespan.



Figure 1: Front view of the Philips 418392 AccentLED T3 G4 Base 12-Volt Light Bulb. This image shows the compact design with three LED elements and the G4 bi-pin base.

2. SAFETY INFORMATION

- **Voltage Compatibility:** This bulb is designed exclusively for 12-Volt fixtures. Using it with higher voltage systems will cause damage and may pose a safety risk.
- **Fixture Type:** This bulb is intended for use in **open devices** or fixtures that allow for adequate heat dissipation. Enclosed fixtures may lead to overheating and premature bulb failure.
- **Power Off Before Installation:** Always ensure the power supply to the fixture is turned off before installing or removing the bulb to prevent electrical shock.
- **Handling:** Handle the bulb by its plastic body, avoiding direct contact with the LED elements or pins.
- **Mercury-Free:** This product contains no mercury.
- **Indoor Use Only:** This bulb is rated for indoor use.

3. PRODUCT FEATURES

- **Energy Saving:** 3-Watt LED replaces 20-Watt halogen T3 bulbs.
- **Light Output:** Provides 170 lumens of soft white light.
- **Color Temperature:** 2700 Kelvin.
- **Base Type:** G4 Bi-pin base.
- **Voltage:** Operates on 12 Volts.
- **Long Lifespan:** Rated for an average life of 15,000 hours.
- **Mercury-Free:** Environmentally friendly design.
- **High Efficiency:** Designed for optimal energy conversion.

4. INSTALLATION

1. **Verify Compatibility:** Ensure your fixture is designed for G4 bi-pin base bulbs and operates on a 12-Volt power supply. Check the physical dimensions of the bulb (0.5 x 0.85 x 1.6 inches) to ensure it fits within your fixture without obstruction, especially if the fixture is enclosed.
2. **Turn Off Power:** Locate the power switch or circuit breaker controlling the fixture and turn off the power completely.
3. **Remove Old Bulb:** Carefully remove the existing bulb from the fixture. Allow hot bulbs to cool before handling.
4. **Insert New Bulb:** Align the two pins of the Philips 418392 AccentLED bulb with the sockets in the fixture. Gently push the bulb into place until it is securely seated. Do not force the bulb.
5. **Restore Power:** Once the bulb is securely installed, restore power to the fixture.



Figure 2: Angled view of the Philips 418392 AccentLED T3 G4 Base 12-Volt Light Bulb, illustrating the G4 bi-pin base for installation.

5. OPERATION

The Philips 418392 AccentLED T3 light bulb operates immediately upon receiving 12-Volt power from a compatible fixture. There is no warm-up time required; the bulb provides instant full brightness.

Simply use the existing switch of your 12-Volt fixture to turn the light on or off.

6. MAINTENANCE

LED bulbs generally require minimal maintenance. To clean the bulb, ensure the power is off and the bulb is cool. Gently wipe the exterior with a soft, dry cloth. Do not use liquid cleaners or abrasive materials.

No internal maintenance or component replacement is required for this LED bulb.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Bulb does not light up.	No power to the fixture, incorrect voltage, loose connection, incompatible fixture.	Check power supply. Ensure fixture is 12-Volt. Re-seat the bulb firmly. Verify fixture compatibility.
Bulb fails prematurely or overheats.	Used in an enclosed fixture without adequate ventilation.	Ensure the bulb is used in an open fixture or one with sufficient ventilation as specified.
Light output is dim or inconsistent.	Low voltage supply, faulty fixture wiring.	Verify the 12-Volt power supply is stable. Consult an electrician if wiring issues are suspected.

8. SPECIFICATIONS

Attribute	Value
Brand	Philips
Model Number	418392
Light Type	LED
Wattage	3 Watts
Incandescent Equivalent	20 Watts
Bulb Shape Size	T3
Bulb Base	G4 Bi-pin
Voltage	12 Volts
Light Color	Soft White
Color Temperature	2700 Kelvin
Brightness	170 Lumens
Average Life	15,000 Hours
Product Dimensions	0.5 x 0.85 x 1.6 inches
Item Weight	0.32 ounces (9.07 g)
Material	Copper
Indoor/Outdoor Usage	Indoor
Color Rendering Index (CRI)	80

9. WARRANTY AND SUPPORT

For warranty information and customer support regarding your Philips AccentLED T3 light bulb, please refer to the official Philips website or contact Philips customer service directly.

Additional product information and resources may be available at: [Philips "See the Light"](#)