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Philips LED 575217

Philips LED G25 Ultra Definition Daylight Dimmable Light Bulb User Manual

Model: 575217

1. Introduction

This user manual provides essential information for the safe and effective use of your Philips LED G25 Ultra Definition Daylight Dimmable Light Bulbs. Please read these instructions carefully before installation and retain them for future reference. These bulbs are designed to provide high-quality, comfortable lighting with excellent color rendering.

2. Safety Information

- **Electrical Safety:** Always turn off the power supply at the main circuit breaker before installing or replacing bulbs.
- **Proper Installation:** Ensure the bulb is securely screwed into a compatible E26 base fixture. Do not overtighten.
- **Indoor/Outdoor Use:** These bulbs are suitable for both indoor and outdoor use. Ensure outdoor fixtures are rated for wet locations if exposed to weather.
- **Dimmer Compatibility:** Use only with compatible dimmers. Incompatible dimmers may cause flickering or damage to the bulb.
- **Disposal:** Dispose of used bulbs according to local regulations. Do not dispose of with general household waste.
- **Operating Temperature:** Do not use in enclosed fixtures that restrict airflow, as this may shorten bulb life.

3. Product Overview

The Philips LED G25 Ultra Definition Daylight Dimmable Light Bulb offers advanced lighting features for your home:

- **Ultra Definition (CRI95):** Experience true colors with a high Color Rendering Index of 95, comparable to natural daylight.
- **EyeComfort:** Designed to meet Philips' strict EyeComfort criteria, reducing flicker, glare, and stroboscopic effects for visual comfort.
- **Dimmable:** Smooth dimming capability allows adjustment of light intensity to create desired ambiance.
- **Daylight (5000K):** Provides a crisp, invigorating daylight white light, ideal for task lighting and areas where natural light is desired.
- **Energy Saving:** Consumes only 5 Watts while providing brightness equivalent to a 60 Watt incandescent bulb, saving up to

80% on energy usage.

- **Long Lasting:** Engineered for a lifespan of up to 15,000 hours, or approximately 15 years with average use.
- **Familiar Design:** Features a frosted glass G25 globe shape with an E26 base, providing the aesthetic of traditional bulbs with LED efficiency.



Image 3.1: Philips LED G25 Ultra Definition Daylight Dimmable Light Bulbs, showing the product packaging and a single bulb. The packaging highlights 'Ultra Definition' and 'Daylight (5000K)' features.





Image 3.2: A close-up view of a single Philips LED G25 frosted light bulb, showcasing its smooth, spherical design and the Philips branding on the base.



Image 3.3: An illustration highlighting key features of the Philips LED bulb, including EyeComfort for reduced eye strain, CRI95 for accurate color rendering, energy saving benefits, and dimmable functionality.



Image 3.4: A diagram illustrating the eight Philips EyeComfort criteria: Audible noise, Flicker, Stroboscopic effect, Glare, Photobiological safety, Dimmable, Tunable, and Color rendering, all designed for optimal eye comfort.

4. Setup and Installation

Follow these steps to install your Philips LED G25 light bulb:

1. **Turn off Power:** Locate the light fixture's power switch and turn it to the 'OFF' position. For added safety, turn off the power at the circuit breaker controlling the fixture.
2. **Remove Old Bulb:** Allow the old bulb to cool completely before carefully unscrewing it counter-clockwise from the socket.
3. **Inspect Fixture:** Check the light fixture's socket for any damage or debris. Ensure it is clean and dry.
4. **Install New Bulb:** Gently screw the Philips LED G25 bulb clockwise into the E26 base socket until it is finger-tight. Do not overtighten, as this can damage the bulb or fixture.
5. **Restore Power:** Turn the power back on at the circuit breaker, then use the light fixture's switch to turn on the light.

5. Operating Instructions

Your Philips LED G25 bulb is designed for simple operation:

- **Standard Operation:** Use your existing light switch to turn the bulb on and off.
- **Dimming Functionality:** If connected to a compatible dimmer switch, adjust the dimmer control to increase or decrease the light intensity. These bulbs are designed for smooth dimming.

6. Maintenance

Philips LED G25 bulbs require minimal maintenance:

- **Cleaning:** Ensure the power is off and the bulb is cool before cleaning. Wipe the bulb with a soft, dry cloth. Do not use liquid cleaners or abrasive materials.
- **Replacement:** Due to their long lifespan, frequent replacement is not typically necessary. When replacement is required, follow the installation steps in Section 4.

7. Troubleshooting

If you encounter issues with your Philips LED G25 bulb, refer to the table below:

Problem	Possible Cause	Solution
Bulb does not light up	No power to fixture, loose connection, faulty bulb	Check power switch and circuit breaker. Ensure bulb is screwed in tightly. Test bulb in another working fixture.
Bulb flickers	Incompatible dimmer, loose connection, electrical interference	Ensure dimmer is LED-compatible. Tighten bulb. Consult an electrician if flickering persists.
Bulb does not dim properly	Incompatible dimmer, dimmer not designed for LED loads	Verify dimmer is specifically rated for LED bulbs. Replace dimmer if necessary.
Light output is too low/high	Dimmer setting, incorrect bulb for fixture	Adjust dimmer. Ensure bulb wattage equivalent is appropriate for your needs.

8. Specifications

Detailed technical specifications for the Philips LED G25 Ultra Definition Daylight Dimmable Light Bulb:

Specification	Value
Model Number	575217
Light Type	LED
Bulb Shape Size	G25
Bulb Base	E26
Wattage (Actual)	5 Watts

Specification	Value
Incandescent Equivalent	60 Watts
Brightness	500 Lumens
Color Temperature	5000 Kelvin (Daylight White)
Color Rendering Index (CRI)	95
Voltage	120 Volts
Dimmable	Yes
Average Life	15,000 Hours
Material	Glass
Finish	Frosted
Product Dimensions	3.15"W x 4.69"H
Indoor/Outdoor Usage	Indoor, Outdoor

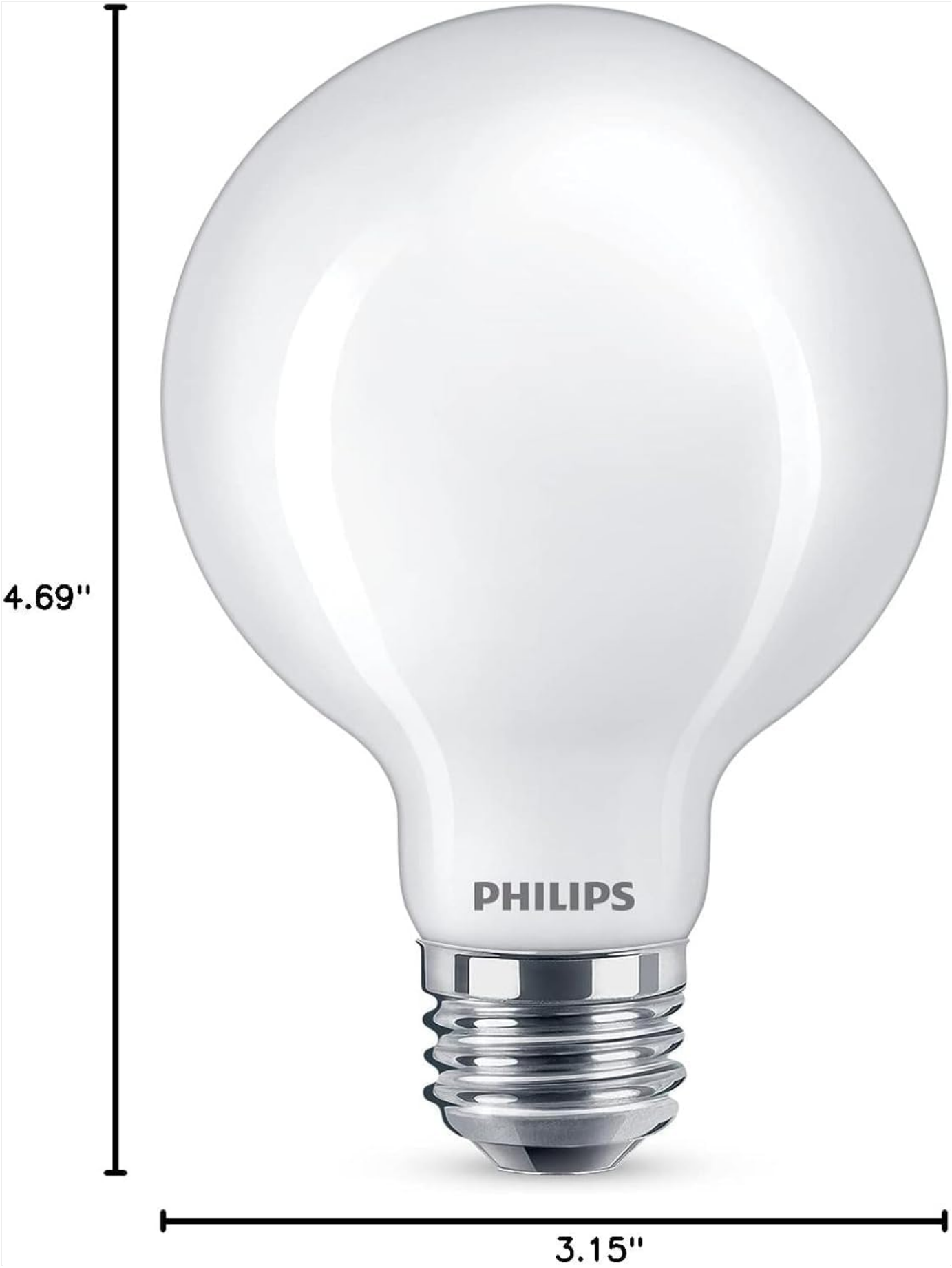


Image 8.1: A diagram illustrating the dimensions of the Philips LED G25 bulb, showing a width of 3.15 inches and a height of 4.69 inches.

9. Warranty Information

This Philips LED G25 Ultra Definition Daylight Dimmable Light Bulb is covered by a**3-year manufacturer warranty**. For warranty

claims or detailed information, please refer to the official Philips LED website or contact customer support.

10. Support and Contact Information

For further assistance, technical support, or to provide feedback, please visit the official Philips LED website or contact their customer service department. Contact details can typically be found on the product packaging or the brand's official website.
Online Resources: www.philips.com

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