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Philips 461228

Philips LED Dimmable A19 Frosted Light Bulb User Manual

Model: 461228**Brand:** Philips

1. INTRODUCTION

This manual provides essential information for the safe and efficient use of your Philips LED Dimmable A19 Frosted Light Bulb. Please read these instructions carefully before installation and operation. This bulb is designed to provide 800 lumens of soft white, dimmable light, equivalent to a 60-watt incandescent bulb, while consuming significantly less energy.

2. KEY FEATURES

- **Energy Efficient:** Uses 80% less energy than traditional 60-watt incandescent bulbs. This product is mercury-free and Energy Star Certified.
- **Long Lasting:** Engineered for durability, these bulbs offer a lifespan of up to 25,000 hours, which translates to approximately 10 years based on an average use of three hours per day.
- **Soft White Light:** Delivers a comfortable 2700 Kelvin color temperature with a high Color Rendering Index (CRI) for accurate color perception.
- **Smooth Dimming:** Features flicker-free and silent dimming capabilities, compatible with a wide range of dimmer switches. The light smoothly dims from 2700K to a warmer 2200K glow.
- **Standard Compatibility:** Designed to fit standard E26 medium screw base fixtures, making them suitable for various applications.
- **EyeComfort:** Philips LED products meet stringent test criteria for flicker, strobe, glare, and color rendition to ensure visual comfort.

3. INSTALLATION

1. **Safety First:** Before beginning installation, ensure the power supply to the light fixture is completely turned off at the circuit breaker to prevent electrical shock.
2. **Unpack:** Carefully remove the Philips LED Dimmable A19 Frosted Light Bulb from its packaging.
3. **Screw In:** Gently screw the bulb clockwise into a standard E26 medium screw base fixture. Tighten until snug, but do not overtighten, as this can damage the bulb or fixture.
4. **Restore Power:** Once the bulb is securely installed, restore power to the fixture at the circuit breaker.

5. **Test:** Turn on the light switch to confirm the bulb is functioning correctly.



A Philips LED Dimmable A19 Frosted Light Bulb, ready for installation.

4. OPERATION

4.1. Turning On/Off

Operate the light bulb using your existing standard wall switch. The bulb will illuminate instantly upon activation.

4.2. Dimming Functionality

This Philips LED bulb is designed for smooth and consistent dimming. If your light fixture is connected to a compatible dimmer switch, you can adjust the dimmer control to achieve your desired brightness level. As the bulb is dimmed, its color temperature will gradually shift to a warmer tone, reaching approximately 2200 Kelvin at its lowest setting, similar to traditional incandescent bulbs.

Important Note:

- For optimal dimming performance and to avoid issues such as flickering or buzzing, it is recommended to use this bulb with LED-compatible dimmer switches.
- This Philips LED Dimmable A19 Frosted Light Bulb is for non-connected use only and is *not compatible* with Philips HUE smart lighting products.

5. MAINTENANCE

5.1. Cleaning

To clean the light bulb, first ensure the power to the fixture is off and the bulb has cooled completely. Wipe the bulb with a soft, dry cloth. Do not use liquid cleaning agents, abrasive cleaners, or solvents, as these can damage the bulb's finish or internal components.

5.2. Replacement

Given its extended lifespan, frequent replacement of your Philips LED bulb is not typically required. When

replacement becomes necessary, ensure the power is off and the bulb is cool before carefully unscrewing it from the fixture. Replace with a new, compatible LED bulb following the installation steps outlined in Section 3.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Bulb does not light up	No power to the fixture	Check the circuit breaker and ensure the light switch is in the 'on' position.
	Bulb not screwed in properly	Ensure the bulb is securely screwed into the socket.
	Bulb is faulty	Replace the bulb with a new one.
Flickering or inconsistent dimming	Incompatible dimmer switch	Replace your dimmer switch with one specifically designed for LED bulbs.
	Loose connection	Ensure the bulb is securely screwed into the socket.
Light appears too cool or blue	Incorrect bulb type or expectation	This bulb provides a soft white (2700K) light, which warms to 2200K when dimmed. If a cooler light is desired, a different color temperature bulb is required.

7. TECHNICAL SPECIFICATIONS

Brand	Philips
Model Name	PHILIPS 461228
Light Type	LED
Bulb Shape Size	A19
Bulb Base	E26 Medium Screw Base
Wattage	9.5 Watts
Incandescent Equivalent	60 Watts
Brightness	800 Lumens
Color Temperature	2700 Kelvin (dims to 2200 Kelvin)
Light Color	Soft White / Warm White
Dimmable	Yes
Voltage	120 Volts
Frequency	60 Hertz
Average Life	25,000 Hours

Color Rendering Index (CRI)	80
Indoor/Outdoor Usage	Indoor
Product Dimensions	4.32 x 2.42 x 2.42 inches
Item Weight	1.01 pounds



An energy efficiency label for the Philips LED Dimmable A19 Frosted Light Bulb, detailing its energy consumption and performance.

8. WARRANTY AND SUPPORT

8.1. Warranty Information

This Philips LED Dimmable A19 Frosted Light Bulb is backed by a 10-year warranty. For complete details regarding warranty terms, conditions, and limitations, please refer to the official Philips website or contact their customer support directly.

8.2. Customer Support

For any further questions, technical assistance, or to initiate a warranty claim, please visit the official Philips support website or contact their customer service department. Contact information can typically be found on the product packaging or the Philips brand website.

9. VISUAL AIDS

9.1. Philips EyeComfort: Comfortable Lighting

Your browser does not support the video tag.

This video from Signify North America Corporation (Philips' parent company) explains the Philips EyeComfort criteria. It highlights how Philips LED lights are designed to be easy on the eyes by minimizing flicker, glare, and ensuring accurate color rendering. The video also demonstrates concepts of tunability and the absence of stroboscopic effects, contributing to overall visual comfort.