Philips LED 544932

Philips LED GU10 Dimmable Spotlight Bulb (Model 544932)

Instruction Manual

1. Introduction

This manual provides essential information for the safe and efficient use of your Philips LED GU10 Dimmable Spotlight Bulbs. Please read these instructions carefully before installation and retain them for future reference.
The Philips LED GU10 bulb is designed to provide bright, dimmable white light, offering an energy-efficient alternative to traditional 50-watt halogen bulbs. It features a GU10 bi-pin base for easy installation in compatible fixtures.

2. Safety Information

- **Power Off:** Always turn off the power supply at the circuit breaker before installing, removing, or servicing the bulb.
- **Indoor Use Only:** This bulb is designed for indoor use in dry locations. Do not use in wet or damp environments unless the fixture is specifically rated for such conditions.
- **Voltage Compatibility:** Ensure the fixture's voltage matches the bulb's rated voltage (120 Volts).
- **Dimmer Compatibility:** Use only with compatible dimmers. Refer to the dimmer manufacturer's instructions for compatibility. Philips LED dimmable bulbs are tested for broad dimmer compatibility.
- **Heat:** Although LED bulbs produce less heat than incandescent bulbs, they can still become warm. Allow bulbs to cool before handling.
- **Disposal:** Dispose of bulbs according to local regulations. LED bulbs do not contain mercury.
- **Not for Philips HUE:** These bulbs are for non-connected use only and are not compatible with Philips HUE products.

3. Setup and Installation

Follow these steps to install your Philips LED GU10 spotlight 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 main circuit breaker.
2. **Remove Old Bulb:** Allow the existing bulb to cool completely. Gently twist the old GU10 bulb counter-clockwise to unlock it from the fixture, then pull it straight out.
3. **Insert New Bulb:** Align the two pins of the Philips LED GU10 bulb with the two holes in the fixture's socket. Push the bulb gently into the socket, then twist it clockwise until it locks securely into place. Do not force the bulb.
4. **Restore Power:** Turn the power back on at the circuit breaker and then at the light switch.



Image: A pack of three Philips GU10 LED bulbs, illustrating the product as it comes in its packaging.

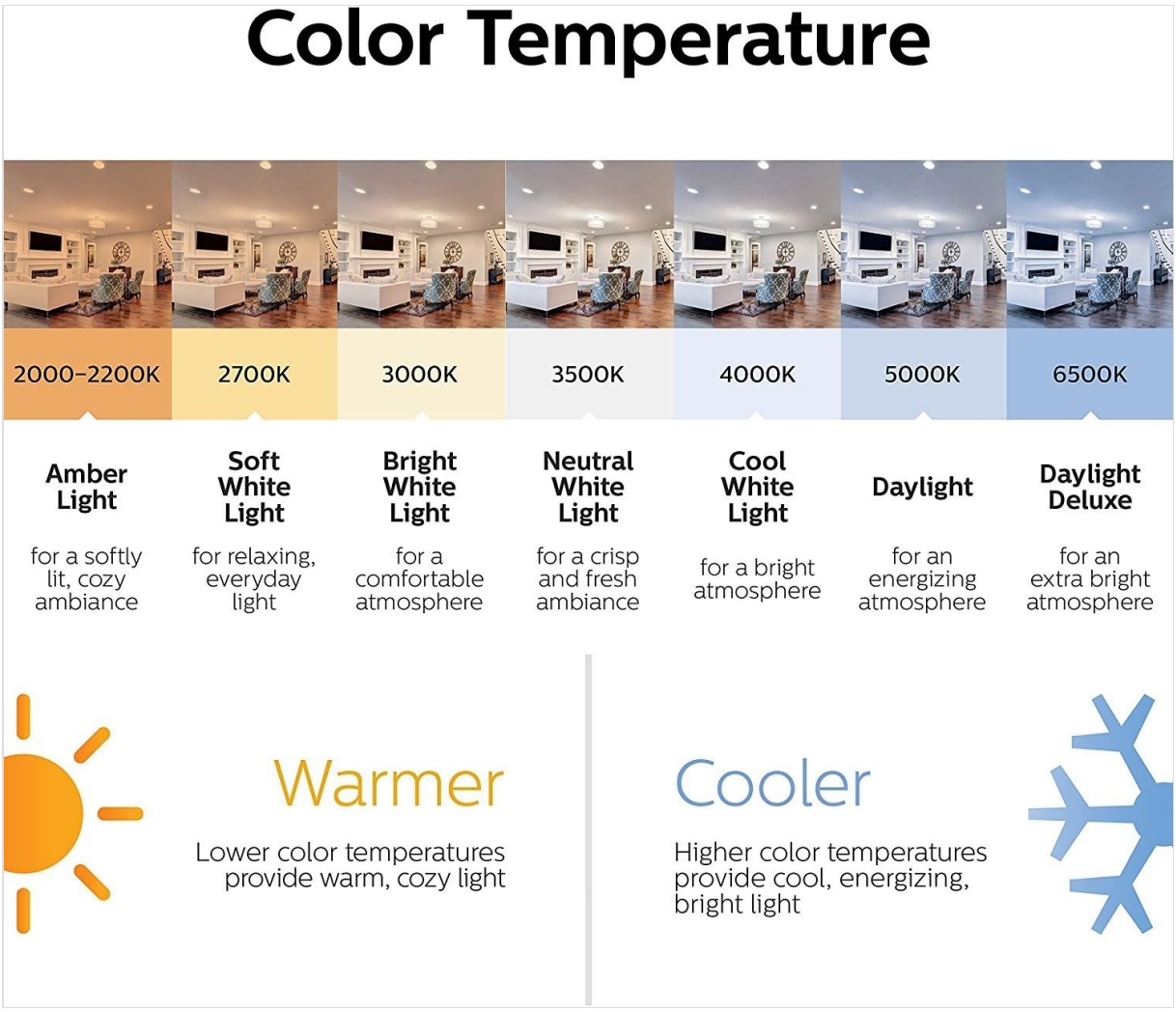


Image: A diagram detailing the dimensions (1.9 inches width, 7.6 inches height) and the GU10 bi-pin base of the Philips LED bulb, along with a 35-degree beam angle indication.

4. Operating Instructions

Your Philips LED GU10 bulb is designed for simple operation:

- **Turning On/Off:** Use your standard light switch to turn the bulb on or off.
- **Dimming:** If connected to a compatible dimmer switch, you can adjust the light intensity smoothly from full brightness (380 lumens) down to a soft glow. Philips LED bulbs are designed for flicker-free and silent dimming.
- **Light Color:** These bulbs provide a Bright White (3000 Kelvin) light, suitable for creating a comfortable atmosphere.



Image: A chart illustrating different color temperatures from warm (2000K-2700K) to cool (4000K-6500K), with 3000K labeled as "Bright White" for a comfortable atmosphere.



Image: A visual comparison showing how a Low CRI LED renders strawberries versus a CRI 90 LED, highlighting that CRI 90 bulbs show vibrant color and detail, meeting California Title 20 Criteria.

5. Maintenance

Philips LED GU10 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.
- **Bulb Replacement:** These LED bulbs have an expected lifespan of up to 25,000 hours. When replacement is eventually needed, follow the installation steps in Section 3.

6. Troubleshooting

If you encounter issues with your Philips LED GU10 bulb, refer to the following common solutions:

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Bulb does not light up.	No power to the fixture, bulb not properly installed, or bulb has reached end of life.	Check power switch and circuit breaker. Re-install the bulb, ensuring it is securely twisted into the socket. Replace the bulb if necessary.
Bulb flickers or dims inconsistently.	Incompatible dimmer switch or loose connection.	Ensure your dimmer switch is compatible with LED bulbs. Philips LED bulbs are designed for broad dimmer compatibility, but some older dimmers may not work optimally. Check for a secure connection in the socket.
Light output is too low or too high.	Dimmer setting is incorrect.	Adjust the dimmer switch to your desired brightness level.
Bulb does not fit the fixture.	Incorrect bulb base or size.	Ensure your fixture requires a GU10 bi-pin base bulb. Verify the dimensions of the bulb against your fixture's requirements.

7. Specifications

Feature	Detail
Brand	Philips LED
Model Number	544932
Light Type	LED
Special Feature	Dimmable, Energy Efficient
Wattage	4 watts
Incandescent Equivalent	50 Watts
Bulb Shape Size	MR16
Bulb Base	GU10
Light Color	Bright White
Color Temperature	3000 Kelvin
Brightness	380 Lumens
Voltage	120 Volts
Beam Angle	35 Degrees
Color Rendering Index (CRI)	90
Average Life	25,000 Hours
Product Dimensions	1.9"W x 7.6"H
Indoor/Outdoor Usage	Indoor

Feature	Detail
Material	Glass
Energy Star Certified	Yes
Title 20 Compliant	Yes

8. Warranty and Support

This Philips LED GU10 Dimmable Spotlight Bulb comes with a**5-year manufacturer warranty**.
For warranty claims or technical support, please contact Philips LED customer service. Keep your proof of purchase for warranty validation.
For additional information or support, you may visit the official Philips Lighting website or consult your retailer.