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Philips LED 576587

Philips LED BR30 Dimmable Light Bulb User Manual

Model: 576587 (7.2W, 2700K Soft White)

1. Introduction

Thank you for choosing Philips LED BR30 Dimmable Light Bulbs. These bulbs are designed to provide a comfortable, flicker-free lighting experience with a soft white (2700K) color temperature. They offer significant energy savings compared to traditional incandescent bulbs and are suitable for various indoor applications.

This manual provides essential information for the safe and efficient use of your Philips LED BR30 bulbs, including installation, operation, maintenance, and troubleshooting.



Image 1.1: Philips BR30 LED Light Bulbs (12-Pack). This image displays the quantity and form factor of the bulbs included in the package.

2. Safety Information

Please read and understand all safety instructions before installing or using your Philips LED BR30 bulbs. Failure to follow these instructions may result in electric shock, fire, or other hazards.

- **Risk of Electric Shock:** Always turn off power to the fixture before installing, removing, or inspecting the bulb.
- **Indoor Use Only:** These bulbs are designed for indoor use in dry locations. Do not use in wet or damp environments unless specifically rated for such conditions.
- **Operating Temperature:** Do not use in enclosed fixtures that restrict airflow, as this may shorten bulb life. Ensure adequate ventilation.
- **Dimmer Compatibility:** These bulbs are dimmable. Use only with compatible LED dimmers. Incompatible dimmers may cause flickering or damage to the bulb.
- **Weight:** Do not use if the added weight of the bulb exceeds the minimum weight specified for the luminaire.
- **Disposal:** Dispose of bulbs according to local regulations.

3. Setup and Installation

Installing your Philips LED BR30 bulb is a straightforward process. Follow these steps carefully:

1. **Turn Off Power:** Before beginning, ensure the power to the light fixture is turned off at the circuit breaker or wall switch.
2. **Remove Old Bulb:** Carefully unscrew the existing bulb from the fixture. Allow it to cool if it has been recently in use.
3. **Install New Bulb:** Screw the Philips LED BR30 bulb into the medium (E26) base socket. Turn clockwise until it is finger-tight. Do not overtighten.
4. **Restore Power:** Turn the power back on at the circuit breaker or wall switch.
5. **Test:** Turn on the light switch to confirm the bulb is working correctly.



Image 3.1: Close-up of a Philips BR30 LED bulb, highlighting its E26 screw base for installation.

4. Operating Instructions

Your Philips LED BR30 bulb is designed for simple operation and enhanced visual comfort.

- **Standard Operation:** Simply use your existing light switch to turn the bulb on or off.
- **Dimming Functionality:** These bulbs are fully dimmable. When connected to a compatible dimmer switch, you can adjust the light output to create your desired ambiance. Ensure your dimmer is rated for LED bulbs to prevent performance issues.
- **Soft White Light:** The 2700 Kelvin color temperature provides a warm and cozy soft white light, ideal for living areas, bedrooms, and dining rooms.
- **EyeComfort Technology:** Philips EyeComfort bulbs are engineered to minimize flicker and glare, contributing to a more comfortable visual environment and reducing eye strain.

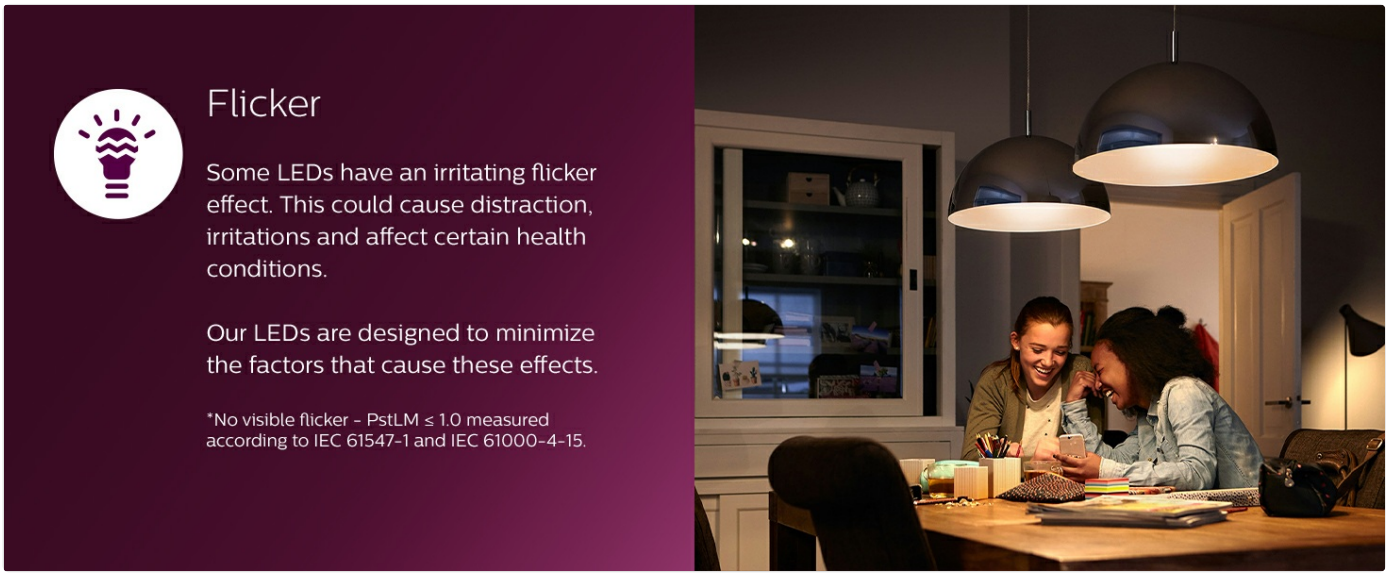


Image 4.1: Dimmable feature in use, showing how the light can create a gentle ambiance.

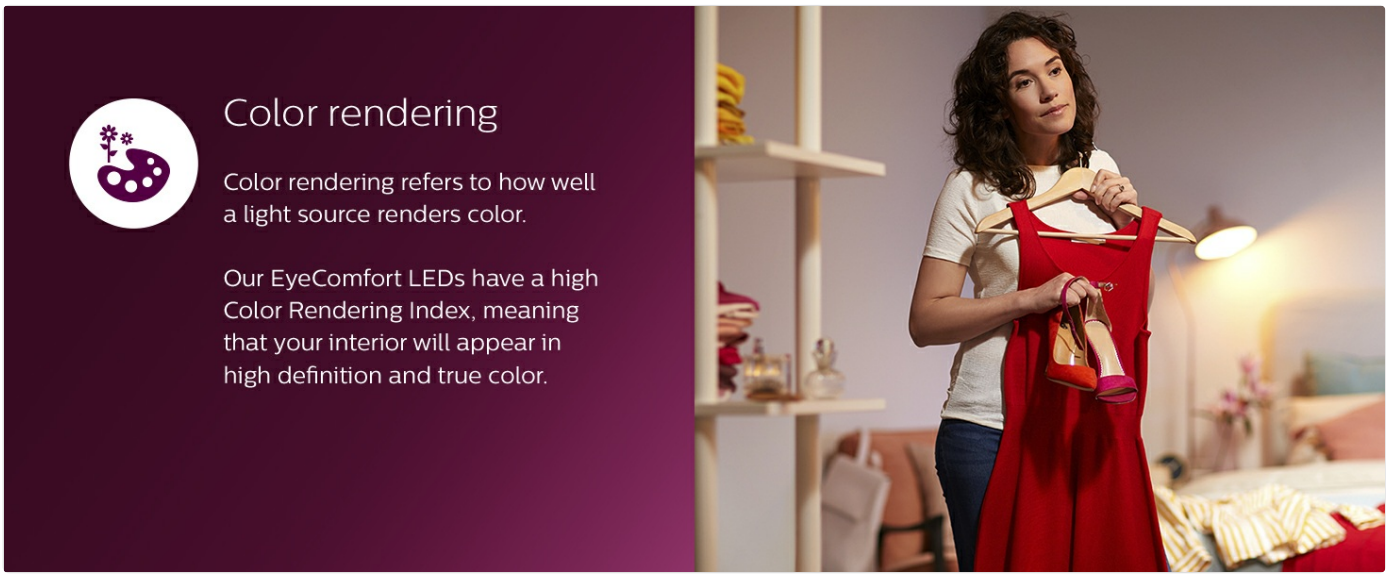


Image 4.2: Flicker-free lighting, illustrating a stable light output that minimizes distraction and eye irritation.

5. Maintenance

Philips LED BR30 bulbs require minimal maintenance. Follow these guidelines to ensure optimal performance and longevity:

- **Cleaning:** Ensure the power is off before cleaning. Wipe the bulb with a soft, dry cloth. Do not use liquid or abrasive cleaners.
- **Replacement:** These bulbs have a long lifespan (up to 15,000 hours). When replacement is necessary, follow the installation steps in Section 3.
- **Inspection:** Periodically check bulbs for any visible damage. If a bulb appears damaged, turn off power and replace it.

6. Troubleshooting

If you encounter issues with your Philips LED BR30 bulbs, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Bulb does not light up	No power to the fixture; Bulb not screwed in properly; Faulty bulb or fixture.	Check power supply (switch, circuit breaker). Ensure bulb is securely screwed in. Test bulb in another fixture or replace if faulty.
Bulb flickers or dims inconsistently	Incompatible dimmer switch; Loose connection; Electrical interference.	Ensure dimmer is LED-compatible. Tighten bulb. While these bulbs are designed to be flicker-free, external electrical interference can sometimes occur.
Delayed turn-on	Characteristic of some LED dimming circuits.	A slight delay (up to 1.5 seconds, especially at lower dimmer settings) can be normal with certain dimmer types. If the delay is excessive or bothersome, consider a different dimmer switch or using the bulb on a non-dimmed circuit.
Buzzing sound	Electrical interference (EMI) with nearby devices.	While rare, some LED bulbs can cause minor EMI. If a buzzing sound is detected from nearby devices (e.g., AM radio, speakers), try moving the device further away or using a different circuit.

7. Specifications

Detailed technical specifications for the Philips LED BR30 Dimmable Light Bulb (Model 576587):

Brand: Philips LED

Model Name: 7.2BR30/LED/927/P/E26/DIM T20 2/12 FFP

Item Model Number: 576587

Light Type: LED

Bulb Shape Size: BR30

Bulb Base: E26 (Medium)

Actual Wattage: 7.2 Watts

Incandescent Equivalent Wattage: 65 Watts

Brightness: 650 Lumens

Light Color: Soft White

Color Temperature: 2700 Kelvin

Color Rendering Index (CRI): 90

Special Features: Dimmable, Energy Efficient, Frosted, Flicker-Free (EyeComfort)

Voltage: 120 Volts

Average Life: 15,000 Hours

Indoor/Outdoor Usage: Indoor

Material: Plastic

Product Dimensions: 3.74"W x 5.2"H

UPC: 046677576585



Image 7.1: Product dimensions of the Philips BR30 LED bulb.

8. Warranty and Support

Warranty: This Philips LED BR30 bulb is covered by a 3-year manufacturer's warranty. Please retain your proof of purchase for warranty claims.

Support: For further assistance, technical support, or warranty inquiries, please visit the official Philips LED Store or contact Philips customer service.

Visit the Philips LED Store for more information and product support.

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