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Philips LED 571463

Philips LED BR30 Dimmable Daylight (5000K) Light Bulb User Manual

Model: 571463 | Brand: Philips LED

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1. INTRODUCTION

The Philips BR30 LED reflector light bulbs are designed to provide long-lasting LED light with a focused bright beam. These bulbs offer a daylight color temperature of 5000K, delivering 1400 lumens of light while consuming only 15 watts, equivalent to a 100-watt incandescent bulb. They are dimmable and engineered for EyeComfort, minimizing flicker and glare for visual comfort.



Image 1.1: Philips BR30 LED Light Bulb. This image shows the overall shape and design of the Philips BR30 LED bulb.

2. SAFETY INFORMATION

- **Risk of Electric Shock:** Always turn off power to the fixture before inspecting, installing, or removing the bulb.
- **Indoor Use Only:** These bulbs are designed for indoor use. Do not use in wet locations or enclosed fixtures unless specified.

- **Dimmable Compatibility:** Ensure your dimmer switch is compatible with LED bulbs. Incompatible dimmers may cause flickering or damage.
- **Operating Temperature:** Do not use in environments with extreme temperatures outside the recommended range.
- **Disposal:** Dispose of used bulbs according to local regulations. Do not dispose of with regular household waste.

3. SETUP & INSTALLATION

Follow these steps to properly install your Philips BR30 LED light bulb:

1. **Turn Off Power:** Before installation, 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. **Insert New Bulb:** Screw the Philips BR30 LED bulb into the E26 medium base socket. Turn clockwise until it is snug, but 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 ensure the bulb is functioning correctly.



Image 3.1: Philips BR30 LED Light Bulb installed in a recessed fixture. This image demonstrates how the bulb fits into a

4. OPERATION

4.1 Dimmable Functionality

These Philips LED BR30 bulbs are fully dimmable, allowing you to adjust the light output to create the desired ambiance. For optimal performance, use with compatible LED dimmer switches. Incompatible dimmers may lead to reduced performance or flickering.

4.2 Daylight (5000K) Color Temperature

The bulbs provide a 5000 Kelvin (Daylight) color temperature, which produces a crisp, energetic white light similar to natural daylight. This color is ideal for task lighting in kitchens, offices, or any area where high visibility and alertness are desired.

Color Temperature Makes A Difference



Image 4.1: Color Temperature Chart. This chart illustrates different light color temperatures, highlighting 5000K as 'Daylight' for an energizing atmosphere.

Daylight for an energizing atmosphere



Image 4.2: Room illuminated with Daylight (5000K) bulbs. This image shows a living space brightly lit with daylight-colored bulbs, suitable for activities like cleaning.

4.3 EyeComfort Technology

Philips EyeComfort LED bulbs are designed to be comfortable on your eyes, featuring no visible flicker or glare. This technology aims to reduce eye strain and provide a more pleasant lighting experience.

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Video 4.3: Shine Brighter with Philips LED Lighting. This video highlights the benefits of Philips LED lighting, focusing on visual comfort and quality.

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Video 4.4: Philips LED Frosted Universal Fit. This video demonstrates the universal fit and frosted design of Philips LED bulbs, emphasizing their aesthetic and functional qualities.

4.4 Color Rendering Index (CRI)

These bulbs feature a Color Rendering Index (CRI) of 80, which indicates how accurately the light source renders colors compared to natural light. A CRI of 80 ensures that colors appear natural and vibrant under the bulb's illumination.

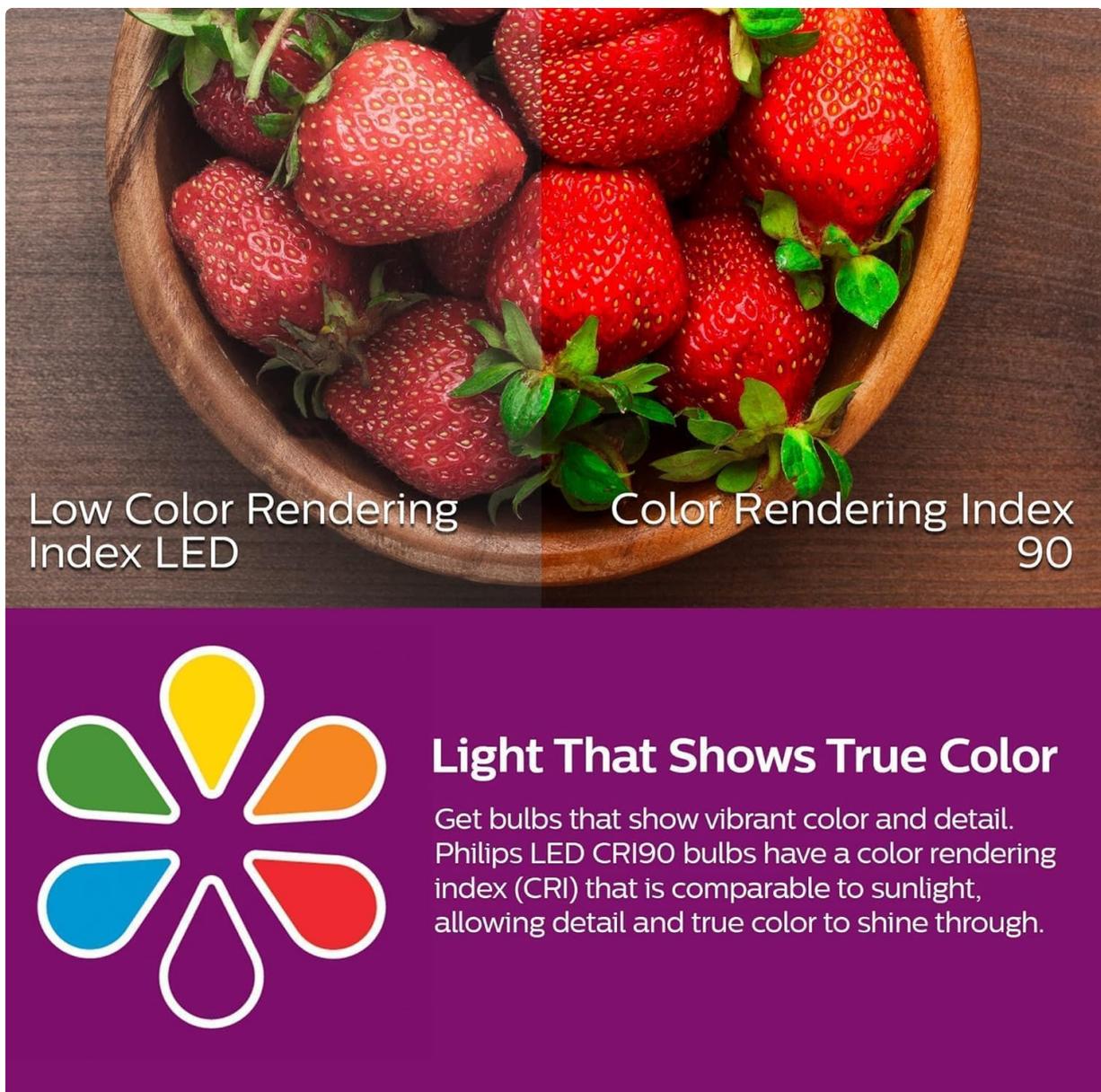


Image 4.5: Color Rendering Index (CRI) comparison. This image compares how colors appear under low CRI LED light versus a high CRI 90 light, demonstrating the importance of accurate color representation.

5. 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:** These LED bulbs have a long lifespan (up to 15,000 hours). Replace the bulb when it reaches the end of its operational life.

6. TROUBLESHOOTING

6.1 Bulb Not Lighting Up

- Check if the power switch is on.
- Ensure the bulb is screwed in securely into the socket.
- Verify that the circuit breaker for the fixture is not tripped.
- Test the bulb in another working fixture to confirm if the bulb itself is faulty.

6.2 Flickering or Dimming Issues

- Confirm that your dimmer switch is compatible with LED bulbs. Using an incompatible dimmer can cause flickering.
- Ensure the bulb is fully screwed into the socket. A loose connection can cause intermittent flickering.
- Check for loose wiring in the fixture or switch (consult a qualified electrician if unsure).

7. SPECIFICATIONS

Brand	Philips LED
Model Name	15BR30/PER/950/P/E26/D/HO/T20 4/1PF (Item model number: 571463)
Light Type	LED
Wattage	15 Watts (100 Watts Incandescent Equivalent)
Brightness	1400 Lumens
Color Temperature	5000 Kelvin (Daylight)
Bulb Shape Size	BR30
Bulb Base	E26
Dimmable	Yes
Average Life	15,000 Hours
Color Rendering Index (CRI)	80
Voltage	120 Volts
Product Dimensions	3.7"W x 5.12"H
Finish	Frosted
Indoor/Outdoor Usage	Indoor

5.12"



3.7"

Image 7.1: Philips BR30 LED Light Bulb with dimensions. This image provides a visual representation of the bulb's width and height.

8. WARRANTY & SUPPORT

This Philips LED BR30 light bulb comes with a **3-year warranty**. For warranty claims or technical support, please contact Philips LED customer service. Keep your purchase receipt as proof of purchase.

Manufacturer: Signify North America Corporation

