Philips LED 462135

Philips LED Dimmable Light Bulb User Manual

Model: 462135

1. Introduction

This user manual provides essential information for the safe and effective use of your Philips BR30 LED Dimmable Light Bulbs. These bulbs are designed to provide high-quality, dimmable light with significant energy savings compared to traditional incandescent bulbs. Please read this manual thoroughly before installation and operation.



Figure 1: Philips BR30 LED Dimmable Light Bulbs (8-pack)

This image displays eight Philips BR30 LED Dimmable Light Bulbs, showcasing their standard BR30 shape and E26 medium base. These bulbs are designed for recessed can style lights and offer a daylight color temperature.

2. Safety Information

Always follow basic safety precautions when installing or replacing light bulbs to reduce the risk of fire, electric shock, or

injury to persons.

- **WARNING:** Risk of electric shock. Disconnect power before installation.
- Do not use with standard dimmers unless specifically stated as compatible. Use only with dimmers designed for LED products.
- Not suitable for totally enclosed fixtures unless the fixture is specifically designed for LED bulbs.
- Do not use if the bulb or fixture is damaged.
- Avoid direct exposure to water or excessive moisture. For indoor use only.
- Do not disassemble or modify the bulb. There are no user-serviceable parts inside.
- Keep out of reach of children.

3. Product Overview

The Philips BR30 LED Dimmable Light Bulbs offer superior lighting performance with energy efficiency. Key features include:

- **Energy Efficiency:** Provides 650 lumens of light while using 80% less energy than equivalent 65-watt incandescent bulbs.
- **Dimmable:** Designed for flicker-free and silent dimming, compatible with a wide range of dimmer switches. Dims smoothly from 5000 Kelvin (Daylight) down to a cool glow.
- **Instant On:** Provides steady, natural lighting immediately upon switching on.
- **Long Lifespan:** Expected to last up to 10,950 hours, or over 5 years based on 3 hours of daily use.
- **Mercury-Free:** Environmentally friendly design.
- **EyeComfort:** Meets strict test criteria for flicker, strobe, glare, and color rendition to ensure comfortable lighting for your eyes.



Figure 2: Philips EyeComfort Lighting

This image illustrates the concept of Philips EyeComfort, highlighting how the bulbs are designed to provide comfortable light by meeting strict criteria for flicker, strobe, glare, and color rendition, reducing eye strain.



Figure 3: Lighting Facts Label

This label provides key performance data for the Philips LED bulb, including brightness (650 lumens), estimated yearly energy cost ($1.08 based on 3 hrs/day, 11¢/kWh), life expectancy (10 years based on 3 hrs/day), light appearance (5000K Cool), and energy used (9 watts).

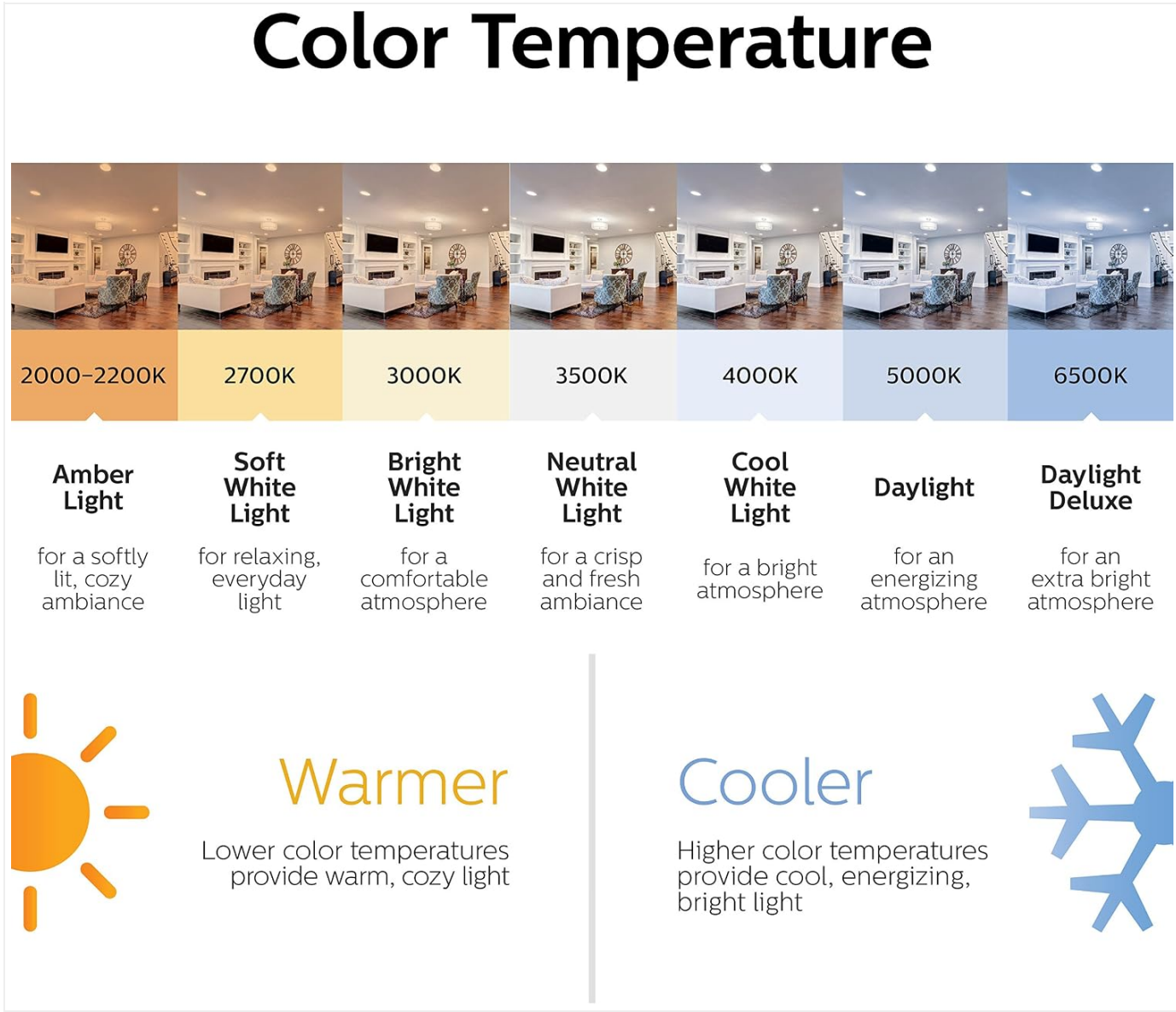


Figure 4: Color Temperature Guide

This chart visually explains different light color temperatures, ranging from warmer tones (2000K-3000K) to cooler tones (4000K-6500K). The Philips BR30 bulb provides 5000K Daylight, offering an energizing atmosphere.

Product Video

[redacted]

Video 1: Philips LED EyeComfort Overview

This video from Philips highlights the importance of comfortable lighting and introduces the Philips LED EyeComfort range, emphasizing flicker-free, glare-free, and true color rendition for eye health.

4. Setup and Installation

These Philips BR30 LED bulbs are designed for easy installation in standard medium base (E26) fixtures, commonly found in recessed can lights.

1. **Step 1: Power Off.** Before replacing any light bulb, ensure the power to the fixture is turned off at the switch and, if possible, at the circuit breaker.
2. **Step 2: Remove Old Bulb.** Allow the old bulb to cool completely before carefully unscrewing it counter-clockwise from the fixture.
3. **Step 3: Install New Bulb.** Gently screw the Philips BR30 LED bulb clockwise into the E26 base until it is snug. Do not overtighten.
4. **Step 4: Restore Power.** Turn the power back on at the switch and circuit breaker.



Figure 5: Installed Bulb (Illuminated)

This image shows a Philips BR30 LED bulb properly installed and illuminated within a recessed ceiling fixture, demonstrating its fit and light output.



Figure 6: Installed Bulb (Unilluminated)

This image shows a Philips BR30 LED bulb installed in a recessed ceiling fixture when it is not illuminated, providing a clear view of its physical integration into the fixture.

5. Operating Instructions

Operating your Philips LED Dimmable Light Bulb is straightforward:

- **Turning On/Off:** Use your existing light switch to turn the bulb on or off. The bulb will illuminate instantly.
- **Dimming:** If connected to a compatible dimmer switch, adjust the dimmer control to achieve your desired light level. These bulbs are designed for smooth, flicker-free dimming.
- **Color Temperature:** These specific bulbs provide a Daylight (5000 Kelvin) light color, ideal for areas requiring bright, clear illumination.

6. Maintenance

Philips LED bulbs require minimal maintenance due to their long lifespan and durable design.

- **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 or abrasive cleaners.
- **Replacement:** Replace the bulb when it reaches the end of its operational life. Follow the installation steps in Section 4.
- **Disposal:** Dispose of old LED bulbs according to local regulations. LED bulbs do not contain mercury, making them safer for disposal than traditional fluorescent bulbs.

7. Troubleshooting

If you encounter issues with your Philips LED Dimmable Light Bulb, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Bulb does not light up.	No power to the 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 or buzzes.	Incompatible dimmer switch; loose connection; electrical interference.	Ensure dimmer is LED-compatible. Tighten bulb. Consult an electrician if problem persists.
Bulb does not dim properly.	Incompatible dimmer switch; dimmer not designed for LED load.	Verify dimmer compatibility with LED bulbs. Some dimmers require a minimum load; ensure enough bulbs are connected.
Light output is too low/high.	Dimmer setting; incorrect bulb for fixture.	Adjust dimmer to desired level. Ensure bulb wattage/lumen output is appropriate for the space.

8. Specifications

Detailed technical specifications for the Philips BR30 LED Dimmable Light Bulb:

Attribute	Detail
Brand	Philips LED

Attribute	Detail
Model Number	462135
Light Type	LED
Special Feature	Dimmable
Wattage	12 Watts
Incandescent Equivalent	65 Watts
Bulb Shape Size	BR30
Bulb Base	E26
Brightness	650 Lumens
Light Color	Daylight White
Color Temperature	5000 Kelvin
Voltage	120 Volts
Average Life	10,950 Hours
Indoor/Outdoor Usage	Indoor
Product Dimensions	5.2 x 3.78 x 3.78 inches
Item Weight	1.63 pounds (for the pack)
Quantity	8 Count (Pack of 1)

9. Warranty and Support

Your Philips BR30 LED Dimmable Light Bulbs come with a manufacturer's warranty and support resources.

- **Warranty:** This product is covered by a **3-year warranty** from the date of purchase. Please retain your proof of purchase for warranty claims.
- **User Guide (PDF):** For additional information and detailed instructions, you can refer to the official User Guide available as a PDF document: Download User Guide.
- **Contact Support:** For technical assistance, warranty claims, or further inquiries, please visit the official Philips support website or contact their customer service.

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