

Philips 462002

Philips LED A19 Frosted Light Bulb Instruction Manual

Model: 462002 | Brand: Philips

PRODUCT OVERVIEW

The Philips A19 LED light bulb provides 1500 lumens of cool full-spectrum light, equivalent to a 100-watt incandescent bulb, while consuming significantly less energy. Designed for standard medium base (E26) fixtures, these bulbs offer a classic look with modern LED efficiency. They are non-dimmable and emit a bright white light at 5000 Kelvin, ideal for task lighting and brightening larger spaces with exceptional clarity and a high Color Rendering Index (CRI).

Constructed from durable, shatter-free plastic, Philips LEDs provide instant, flicker-free, natural light that maintains its quality over time. These mercury-free bulbs are designed for longevity, offering up to 10,950 hours or over 10 years of light based on typical usage.

KEY FEATURES

- **Energy Efficient:** Uses 80% less energy than 100-watt incandescent bulbs.
- **Long Lasting:** Expected lifetime of up to 10,950 hours (over 10 years based on 3 hours/day).
- **Daylight (5000K):** Delivers bright, crisp white light suitable for task lighting and large areas.
- **Mercury-Free:** Environmentally friendly design.
- **Standard Compatibility:** Fits E26 medium screw bases. Not compatible with Philips HUE products.
- **Comfortable Light:** Meets Eye Comfort requirements, minimizing flicker, strobe, glare, and ensuring good color rendition.

SETUP AND INSTALLATION

These Philips LED A19 bulbs are designed for easy installation in standard E26 medium screw base fixtures.

1. **Safety First:** Before installation, ensure the power to the light fixture is turned off at the circuit breaker to prevent electrical shock.
2. **Remove Old Bulb:** Carefully unscrew the existing light bulb from the fixture. Allow it to cool if it has been recently in use.
3. **Install New Bulb:** Screw the Philips LED A19 bulb into the E26 medium base socket until it is finger-tight. Do not overtighten.
4. **Restore Power:** Turn the power back on at the circuit breaker.
5. **Test:** Turn on the light switch to ensure the bulb is functioning correctly.



Image: Philips A19 LED bulb showing its dimensions and E26 medium base.



Image: Philips A19 LED bulb installed in a table lamp.

OPERATING INSTRUCTIONS

These Philips LED A19 bulbs operate like traditional light bulbs. Simply use your existing light switch to turn them on or off.

- **Instant On:** Philips LED bulbs provide full brightness immediately upon switching on.
- **Non-Dimmable:** These specific bulbs are non-dimmable. Attempting to use them with a dimmer switch may result in flickering, damage to the bulb, or damage to the dimmer.
- **Color Temperature:** The 5000K daylight color provides a bright, cool white light, suitable for areas where high visibility is desired.

Color Temperature

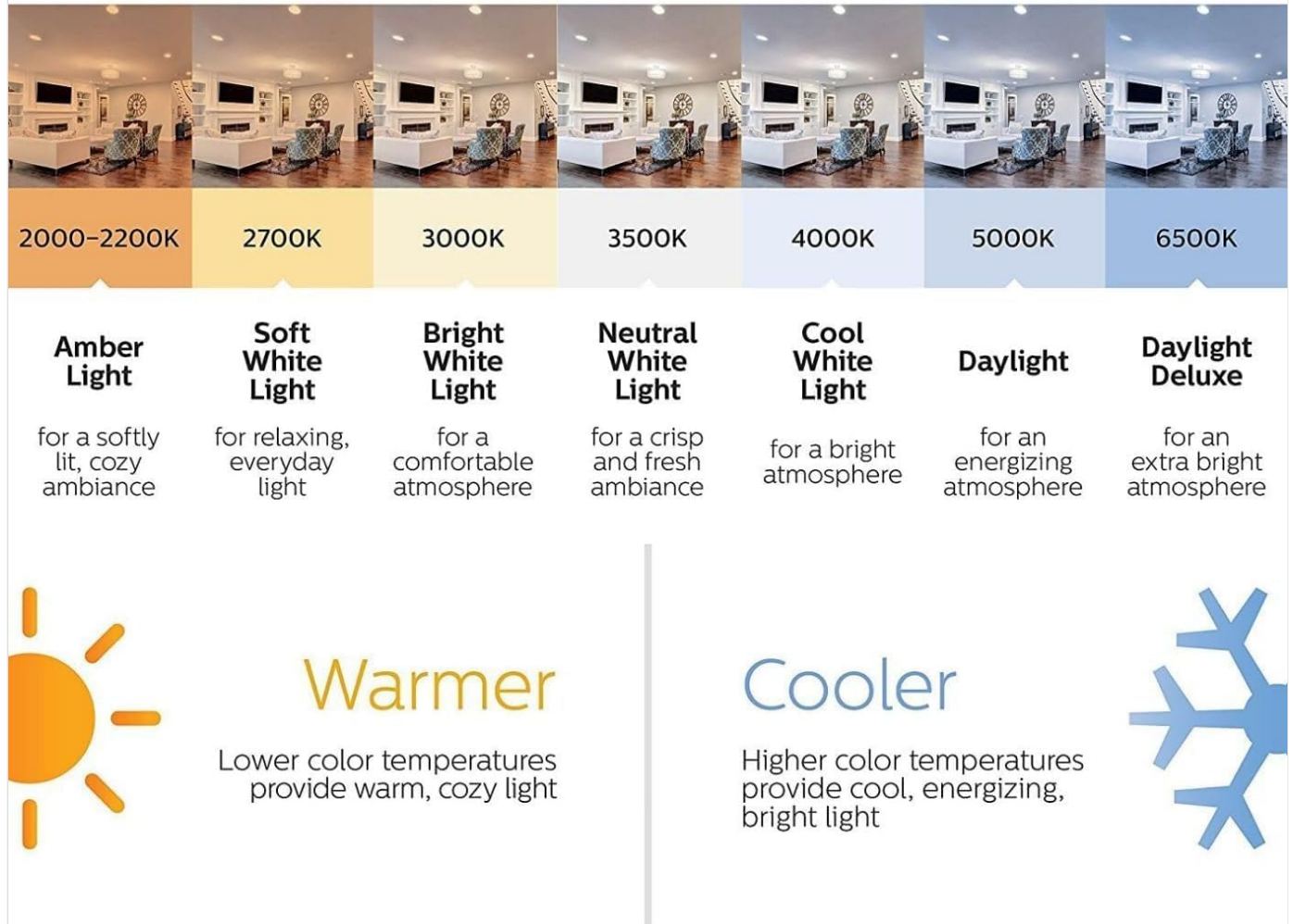


Image: Color Temperature chart showing 5000K as Daylight.

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Video: Explaining the importance of Eye Comfort in lighting and how Philips LED minimizes flicker and stroboscopic effects.

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Video: Demonstrating the benefits of Philips LED lighting for eye comfort, including flicker reduction, glare minimization, and true color rendition.

MAINTENANCE

Philips LED A19 bulbs require minimal maintenance due to their long lifespan and durable construction.

- **Cleaning:** Ensure the bulb is cool and the power is off before cleaning. Wipe with a soft, dry cloth. Do not use liquid cleaners or abrasive materials.
- **Replacement:** Replace the bulb when it reaches the end of its operational life. Follow the installation steps for replacement.

- **Disposal:** Dispose of old LED bulbs according to local regulations for electronic waste. Although mercury-free, proper disposal is recommended.

TROUBLESHOOTING

If you encounter issues with your Philips LED A19 bulb, refer to the following common troubleshooting steps:

- **Bulb Not Lighting Up:**
 - Ensure the power switch is on.
 - Check if 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 or the fixture is faulty.
- **Flickering:**
 - These bulbs are non-dimmable. If used with a dimmer switch, remove the dimmer or replace it with a standard switch.
 - Ensure the bulb is securely tightened in the socket.
 - Check for loose wiring in the fixture (consult a qualified electrician if unsure).
- **Dim Light Output:**
 - Confirm the bulb is rated for the desired brightness (this model is 1500 lumens).
 - Ensure the fixture is clean and not obstructing light output.

SPECIFICATIONS

Brand	Philips
Model Number	462002
Light Type	LED
Bulb Shape Size	A19
Bulb Base	E26 (Medium)
Wattage	13.5 Watts (100 Watt Incandescent Equivalent)
Brightness	1500 Lumens
Color Temperature	5000 Kelvin (Daylight)
Dimmable	No (Non-Dimmable)
Lifespan	Up to 10,950 hours / 10+ years
Material	Glass (Frosted)
Indoor/Outdoor Usage	Indoor
Voltage	120 Volts
Color Rendering Index (CRI)	80.00

WARRANTY AND SUPPORT

Philips LED products are designed for reliability and performance. While specific warranty details may vary by region and retailer, Philips generally offers a warranty against defects in materials and workmanship for a specified period. For detailed warranty information, product support, or to register your product, please visit the official Philips Lighting website or contact Philips customer service. Keep your purchase receipt as proof of purchase.

Online Support: www.philips.com/lighting

