Philips LED 542976

Philips LED A19 Bulb Instruction Manual

Model: 542976 | Brand: Philips LED

Introduction

This manual provides essential information for the safe and efficient use of your Philips LED Non-Dimmable A19 Frosted Light Bulbs. These energy-efficient bulbs are designed to provide bright, comfortable daylight (5000K) illumination, consuming 80% less energy than traditional 100-watt incandescent bulbs.



Image: Packaging for the Philips LED A19 Bulb, showing a 4-pack and a single bulb outside the box.

Key Features

The Philips LED A19 bulbs offer several advanced features for superior lighting performance:

- **Energy Efficient:** Uses only 13.5 watts to produce 1500 lumens, equivalent to a 100-watt incandescent bulb, saving significant energy.
- **Long Lasting:** Designed for a lifespan of up to 10,950 hours (approximately 10 years based on 3 hours/day usage), reducing the need for frequent replacements.
- **Daylight Illumination:** Provides bright, crisp 5000 Kelvin light, ideal for task lighting and general ambient illumination.
- **Mercury-Free:** Environmentally friendly design, free from mercury.
- **EyeComfort Technology:** Engineered to minimize flicker, glare, and provide high color rendering, ensuring comfortable light that is easy on the eyes.



Image: A Philips LED bulb surrounded by icons representing its key benefits: high quality light, comfortable light (EyeComfort), energy saving, instant on, and long lasting.

EyeComfort Technology Overview

Philips EyeComfort technology ensures that the light emitted from these bulbs is gentle on your eyes. This is achieved by addressing key factors that can cause eye strain, such as flicker, glare, and poor color rendering.

Your browser does not support the video tag.

Video: An official Philips video explaining how LED flicker can cause eye strain and how Philips LED lighting minimizes this effect for comfortable viewing.

Your browser does not support the video tag.

Video: An official Philips video detailing EyeComfort technology, focusing on how it addresses flicker, glare, color rendering, and tunability for optimal visual comfort.

Technical Specifications

Attribute	Value
Brand	Philips LED
Light Type	LED
Special Feature	Frosted
Wattage	13.5 watts
Bulb Shape Size	A19
Bulb Base	E26
Incandescent Equivalent Wattage	100 Watts
Specific Uses For Product	Indoor
Light Color	Daylight White
Voltage	120 Volts
Unit Count	4.0 Count
Color Temperature	5000 Kelvin
Brightness	1500 Lumen
Material	Plastic
Model Name	542976
Item Weight	10.8 ounces
Product Dimensions	2.4"W x 4.2"H

Attribute	Value
Average Life	10,950 Hours (approx. 10 years)
UPC	046677542979



Image: Detailed dimensions of the Philips A19 bulb, highlighting its 2.4-inch width, 4.2-inch height, and E26 medium screw base.

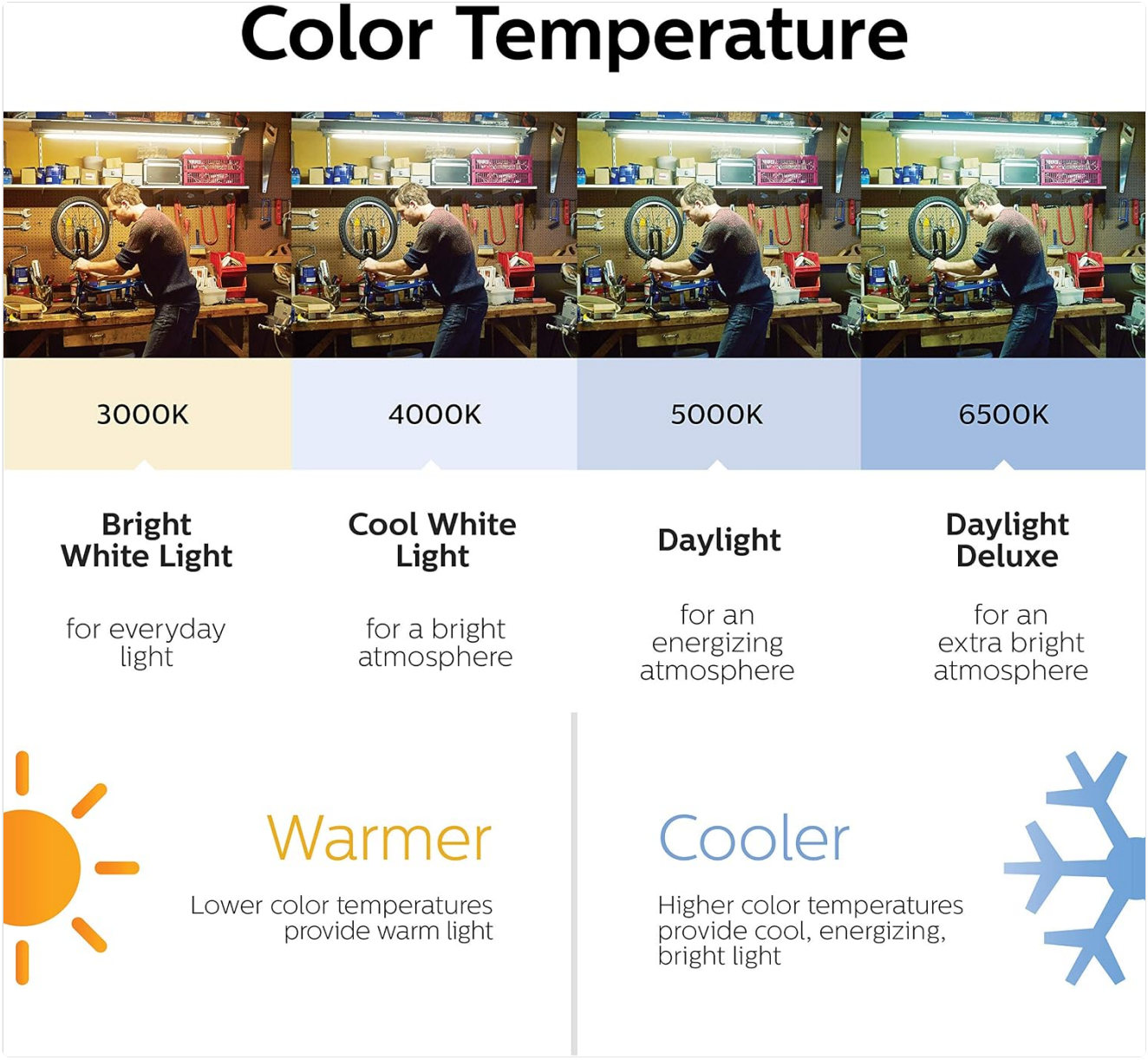


Image: A color temperature chart illustrating various light appearances from warmer (3000K) to cooler (6500K), with 5000K designated as Daylight for an energizing atmosphere.

Setup and Installation

Before Installation

Important Safety Information:

- Do not use where directly exposed to water.
- Do not install or use with emergency exit luminaires or emergency lights.
- Before replacing, ensure the lamp is cool to the touch.
- Do not install in enclosed luminaires unless specified.
- Not compatible with Philips HUE products.
- For non-connected use only.
- Operating environment temperature: -4°F (-20°C) to 113°F (45°C).

Installation Steps

1. Ensure the power to the light fixture is turned off at the switch or circuit breaker.

2. Allow the old bulb to cool completely before handling.
3. Carefully unscrew the old bulb from the E26 medium screw base socket.
4. Gently screw the Philips LED A19 bulb into the empty socket until it is snug. Do not overtighten.
5. Restore power to the light fixture.
6. Turn on the light switch to enjoy your new energy-efficient illumination.



Image: A Philips LED A19 bulb properly installed in a table lamp, demonstrating its fit and appearance in a typical fixture.

Operating Instructions

These Philips LED A19 bulbs are designed for simple operation. Once installed, they function like standard light bulbs:

- To turn the light on, simply flip the wall switch or activate the fixture's power control.
- To turn the light off, flip the wall switch or deactivate the fixture's power control.

These bulbs are non-dimmable. Attempting to use them with a dimmer switch may result in flickering, reduced lifespan, or damage to the bulb.

Maintenance and Care

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

- **Cleaning:** Ensure the bulb is cool and the power is off before cleaning. Wipe the bulb with a soft, dry cloth. Do not use liquid cleaners or abrasive materials.
- **Replacement:** When the bulb reaches the end of its life, simply follow the installation steps in reverse to replace it with a new Philips LED A19 bulb.
- **Disposal:** Dispose of old LED bulbs according to local regulations for electronic waste.

Troubleshooting

If you experience issues with your Philips LED A19 bulb, refer to the following table for common problems and solutions:

Problem	Possible Cause	Solution
Bulb does not light up	No power to the fixture, loose connection, or faulty bulb.	Check power switch and circuit breaker. Ensure bulb is screwed in tightly. Test bulb in another working fixture.
Bulb flickers or blinks	Incompatible dimmer switch (these bulbs are non-dimmable), loose connection, or voltage fluctuations.	Ensure the bulb is not connected to a dimmer switch. Tighten the bulb. Consult an electrician for voltage issues.
Light is too dim	Incorrect bulb wattage for desired brightness, or voltage issue.	Verify the bulb's lumen output (1500 lumens). Ensure it's not on a dimmer.

Warranty and Support

Your Philips LED A19 bulbs are covered by a**5-year manufacturer warranty**. This warranty covers defects in materials and workmanship under normal use.

For warranty claims or technical support, please refer to the contact information provided on the product packaging or visit the official Philips lighting support website.

For more information on Philips EyeComfort criteria and product details, visit:www.philips.com/eyecomfort

For general consumer warranties, visit: www.philips.com/consumerwarranties

For Mexican market support: www.lighting.philips.com.mx/soporte/soporte/warranty

Product UPC: **046677542979**

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