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chiphy A19/E27

chiphy Dimmable LED Light Bulbs A19/E27 User Manual

Model: A19/E27 | Brand: chiphy

1. Introduction

Thank you for choosing chiphy Dimmable LED Light Bulbs. These bulbs are designed to provide efficient and versatile lighting for your indoor spaces. Featuring 3 levels of brightness without the need for an external dimmer, these 12W LED bulbs offer 1200 lumens of 2700K warm white light, equivalent to a 120W incandescent bulb. They are equipped with a standard A19/E27 base for broad compatibility.



Image 1.1: Two chiphy A19/E27 LED light bulbs, showcasing their standard shape and base.

2. Safety Information

- **Indoor Use Only:** These bulbs are designed for indoor applications. Do not use them in outdoor fixtures unless specifically rated for outdoor use.
- **Power Off Before Installation:** Always turn off the power to the fixture before installing or removing the bulb to prevent electric shock.
- **Proper Voltage:** Ensure the fixture's voltage matches the bulb's specifications (100-120V, 60Hz).
- **Avoid Enclosed Fixtures:** While these bulbs are LED, prolonged use in fully enclosed fixtures may reduce their lifespan due to heat accumulation.
- **UL Listed:** All chiphy products, including these bulbs, are UL Listed, ensuring they meet safety standards.

3. Package Contents

Your package should contain the following items:

- chiphy Dimmable LED Light Bulbs (Quantity as per pack size, e.g., 2-pack)
- User Manual (This document)

4. Setup and Installation

Installing your chiphy LED light bulb is a straightforward process:

1. **Turn off Power:** Locate the light switch or circuit breaker controlling the fixture and turn off the power.
2. **Remove Old Bulb:** Carefully unscrew the existing light bulb from the fixture. Allow it to cool if it was recently in use.
3. **Install New Bulb:** Gently screw the chiphy LED bulb into the standard A19/E27 base socket until it is snug. Do not overtighten.
4. **Restore Power:** Turn the power back on at the switch or circuit breaker.



Image 4.1: A diagram illustrating the dimensions (2.6" width, 4.6" height) and the A19 shape with an E27 base of the chiphy LED bulb, along with its 12 watts, 1200 lumens, and 2700K specifications.

5. Operating Instructions

These chiphy LED bulbs feature 3 levels of brightness that can be adjusted using a standard wall switch, without the need for a dedicated dimmer switch.

Adjusting Brightness Levels:

1. **First Turn On:** The bulb will illuminate at 100% brightness (12 watts, 1200 lumens).
2. **Second Turn On:** Turn the light switch off and then immediately back on. The bulb will switch to 50% brightness (7 watts).
3. **Third Turn On:** Turn the light switch off and then immediately back on again. The bulb will switch to 10% brightness (1 watt).
4. **Cycle:** Repeating the off/on sequence will cycle through the brightness levels (100% > 50% > 10% > 100%).



Image 5.1: A bedroom setting demonstrating the three distinct brightness levels of the chiphy LED bulb, from bright to dim.

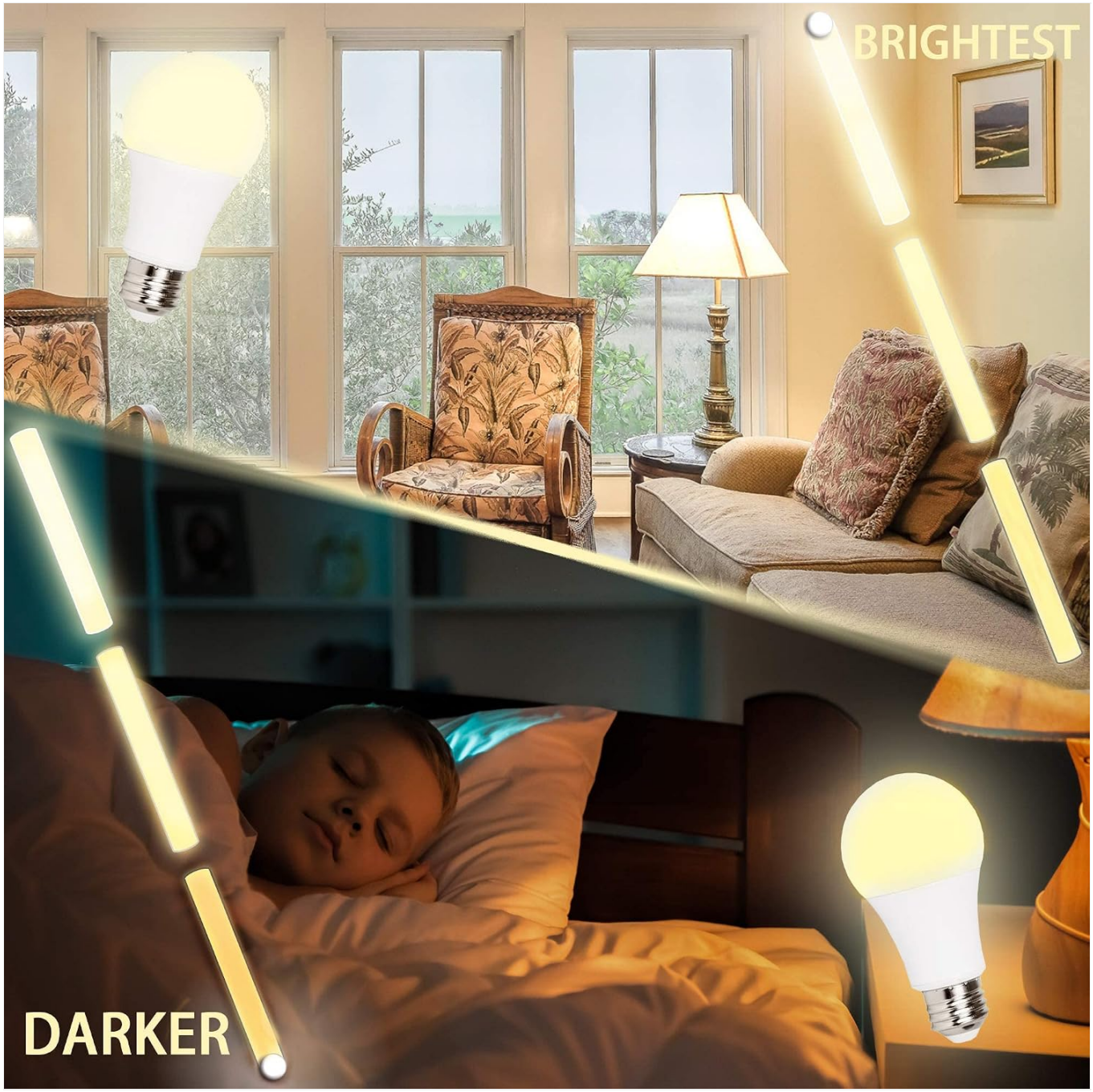


Image 5.2: A visual comparison showing the bulb providing bright illumination in a living room and a darker, softer light suitable for a sleeping child's room.

6. Maintenance

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

- **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:** When the bulb reaches the end of its lifespan (approximately 3 years or 30,000 hours), replace it with a new chiphy LED bulb of the same specifications.

7. Troubleshooting

If you encounter issues with your chiphy LED bulb, 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	Check power supply/switch; Ensure bulb is securely screwed in; Test bulb in another working fixture.
Brightness levels do not change	Incorrect off/on sequence; Incompatible dimmer switch	Ensure quick off/on toggling for brightness change; These bulbs do not require a dimmer switch and may not function correctly with one.
Bulb flickers	Loose connection; Incompatible dimmer switch; Voltage fluctuations	Tighten bulb; Remove any dimmer switches; Consult an electrician if voltage issues persist.

8. Specifications

Detailed technical specifications for the chiphy Dimmable LED Light Bulb:

Brand: chiphy

Model: A19/E27

Light Type: LED

Special Feature: 3 Levels Brightness (10%/50%/100%) without dimmer

Wattage: 12 Watts (120W Incandescent Equivalent)

Brightness: 1200 Lumens (at 100% brightness)

Color Temperature: 2700 Kelvin (Warm White)

Bulb Shape Size: A19

Bulb Base: E27

Voltage: 100-120 Volts

Frequency: 60 Hertz

Color Rendering Index (CRI): 82+

Material: Plastic

Indoor/Outdoor Usage: Indoor only

Average Life: Approximately 30,000 hours (3 Years)

Certification: UL Listed

Product Dimensions: 3.15 x 6.57 x 5.9 inches

Item Weight: 5.3 ounces



Image 8.1: An illustration highlighting the Color Rendering Index (CRI) of the chiphy LED bulb being greater than 82 Ra, indicating accurate color representation compared to bulbs with lower CRI values.



Image 8.2: A comparison chart detailing the chiphy 12W LED bulb's advantages over a traditional 60W bulb in terms of energy consumption (12 Watts vs 60 Watts), lifetime (30,000 Hours vs 3,000 Hours), brightness (1200 Lumens vs 230 Lumens), and material (Plastic+Glass vs Only Glass).

9. Warranty and Support

chiphy products are manufactured to high-quality standards. For any warranty claims, technical support, or inquiries regarding your chiphy LED light bulbs, please contact chiphy customer service through the retailer's platform or the official chiphy website.

Please retain your proof of purchase for warranty validation.

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