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> LEDERA /

> LEDERA A21 23W LED Bulb (150W Equivalent), Warm White 3000K, E26 Base Instruction Manual

LEDERA A2123W

LEDERA A21 23W LED Bulb (150W Equivalent) Instruction Manual

Model: A2123W | Brand: LEDERA

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your LEDERA A21 23W LED Bulb. This bulb is designed to replace traditional 150W-200W incandescent bulbs, offering energy efficiency and a long lifespan. It features a warm white 3000K color temperature, 2500 lumens brightness, and a standard E26 medium base. Please read this manual thoroughly before installation and retain it for future reference.

2. SAFETY INFORMATION

WARNING: Risk of Electric Shock. Read all instructions before installation.

- Ensure the power supply to the fixture is turned OFF at the circuit breaker or fuse box before installing, removing, or cleaning the bulb.
- Do not open or disassemble the bulb. There are no user-serviceable parts inside.
- This bulb is **NON-DIMMABLE**. Do not use with dimmer switches, as this may cause flickering, damage to the bulb, or premature failure.
- Suitable for use in operating environments between -20°C to 40°C (-4°F to 104°F).
- Do not use in fully enclosed fixtures unless specified, as this may shorten bulb life due to heat accumulation.
- This device is not intended for use with emergency exits or emergency lighting.
- Avoid direct eye exposure to the light source when the bulb is illuminated.

3. PRODUCT OVERVIEW AND FEATURES

The LEDERA A21 LED Bulb provides efficient and reliable lighting for various applications.

EXCELLENT PRODUCTS FEATURES



5000K Daylight White



23W LED = 200W



2500 Lumens



50/60 Hz



Non- Dimmable



110-130V



High CRI > 85

Image: LEDERA A21 LED Bulb showing its physical dimensions (5.2 inches height, 2.76 inches width) and key electrical specifications like 23W, E26 base, 3000K, 2500LM, 110-130V, 50/60Hz, and non-dimmable status.



Image: A living room scene with a table lamp, emphasizing that the LED bulb is non-dimmable and should not be used with a dimmer

switch, indicated by a crossed-out dimmer icon.

- **High Brightness:** Delivers 2500 lumens, effectively replacing 150W to 200W incandescent bulbs.
- **Energy Efficient:** Consumes only 23 watts of power, significantly reducing electricity costs compared to traditional bulbs.
- **Long Lifespan:** Engineered for durability with an average lifespan exceeding 25,000 hours, minimizing the need for frequent replacements.
- **Warm White Light:** Provides a comfortable 3000K warm white light, suitable for various indoor and outdoor settings.
- **No Flicker & High CRI:** Designed to be flicker-free, reducing eye strain. A Color Rendering Index (CRI) of over 80Ra ensures colors appear natural and vibrant.
- **Standard E26 Base:** Features a common E26 medium screw base for easy installation in most standard fixtures.
- **Non-Dimmable:** This bulb is designed for ON/OFF operation only and is not compatible with dimmer switches.



Image: A side-by-side comparison showing a clear, stable light from an LEDERA bulb on the left, and a flickering light from another brand's bulb on the right, highlighting the flicker-free benefit for eye protection.

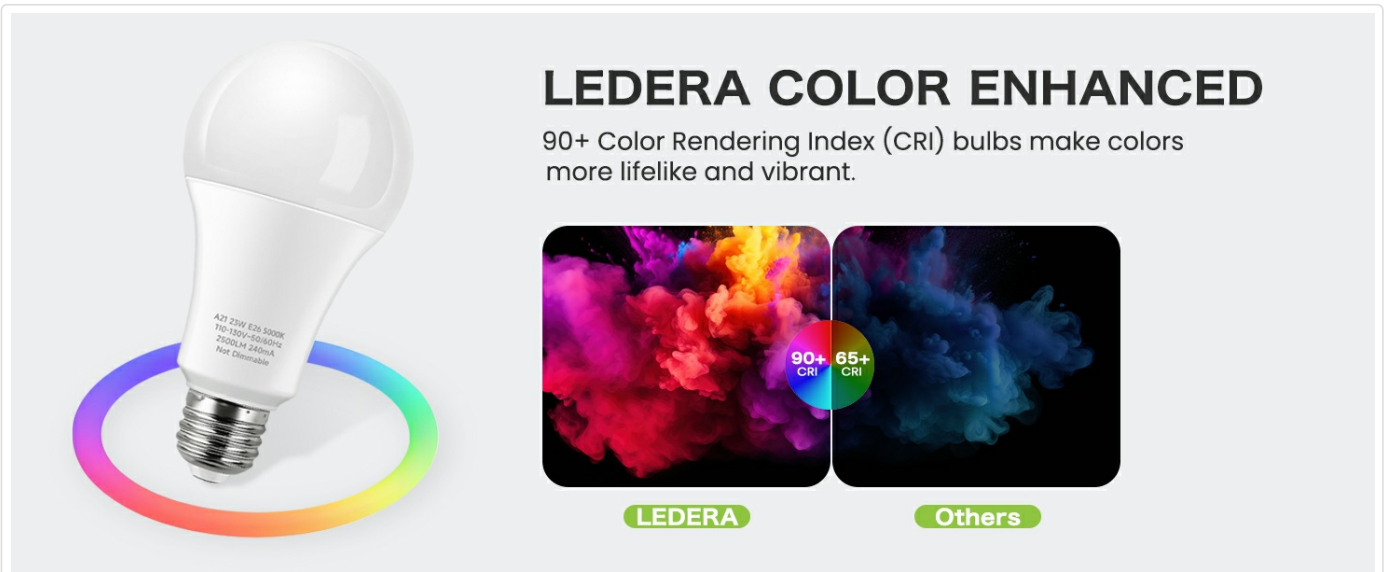


Image: A visual comparison demonstrating how LEDERA's 90+ CRI bulbs render colors more vibrantly and lifelike compared to other bulbs with lower CRI, shown with colorful smoke patterns.

4. SETUP AND INSTALLATION

Follow these steps to safely install your LEDERA A21 LED Bulb:

1. **Turn Off Power:** Locate the light fixture's power switch and turn it OFF. For added safety, turn off the power at the circuit breaker or fuse box controlling the fixture.
2. **Allow Cooling:** If replacing an existing bulb, allow it to cool completely before handling.
3. **Remove Old Bulb:** Carefully unscrew the old bulb from the fixture's socket by turning it counter-clockwise.
4. **Install New Bulb:** Gently screw the LEDERA A21 LED bulb into the E26 medium base socket by turning it clockwise until it is snug. Do not overtighten.
5. **Restore Power:** Turn the power back ON at the circuit breaker or fuse box, then turn on the light switch to verify the bulb is working.



Image: A hand carefully screwing an LEDERA A21 LED bulb into a desk lamp fixture, illustrating the installation process.

5. OPERATION

Once installed, the LEDERA A21 LED bulb operates like a standard light bulb. Use the wall switch or fixture switch to turn the light ON or OFF.

Important Note:

- This bulb is **non-dimmable**. It is not designed to work with dimmer switches. Using it with a dimmer may lead to erratic behavior, reduced performance, or damage.
- The bulb provides a consistent 3000K warm white light at 2500 lumens when powered on.

6. MAINTENANCE

The LEDERA A21 LED Bulb requires minimal maintenance.

- **Cleaning:** Ensure the power is OFF before cleaning. Use a soft, dry cloth to wipe the bulb. Do not use liquid cleaners, abrasive materials, or solvents, as these can damage the bulb's surface or internal components.
- **Storage:** If storing the bulb, keep it in its original packaging in a cool, dry place away from direct sunlight and extreme temperatures.
- **Disposal:** Dispose of the bulb according to local regulations for electronic waste.

7. TROUBLESHOOTING

If you encounter issues with your LEDERA A21 LED Bulb, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Bulb does not light up	No power to the fixture; Bulb not screwed in properly; Faulty fixture	Check if the power switch and circuit breaker are ON. Ensure the bulb is securely screwed into the socket. Test the fixture with a known-good bulb.
Bulb flickers	Used with a dimmer switch; Loose connection	This bulb is non-dimmable . Remove from dimmer circuit. Ensure the bulb is tightly screwed in.
Light is too dim or too bright	Expectation mismatch; Non-dimmable bulb	This bulb provides a fixed 2500 lumens at 3000K Warm White and is non-dimmable. Its brightness cannot be adjusted. Verify the bulb's specifications meet your lighting needs.
Bulb overheats	Used in an enclosed fixture	Ensure the fixture allows for adequate ventilation. Avoid using in fully enclosed fixtures unless specifically rated for them.

8. SPECIFICATIONS

Feature	Detail
Brand	LEDERA
Model Number	A2123W
Light Type	LED
Wattage	23W
Incandescent Equivalent	150W-200W
Brightness	2500 Lumens
Color Temperature	3000K Warm White
Bulb Shape Size	A21
Bulb Base	E26 Medium
Voltage	100-120V, 60Hz
Color Rendering Index (CRI)	>80Ra
Beam Angle	240 Degrees
Lifespan	>25,000 hours
Dimmable	No
Material	Aluminum, Plastic
Indoor/Outdoor Usage	Indoor, Outdoor (in suitable fixtures)
Product Dimensions	5.43 x 0.65 x 2.75 inches
Item Weight	7.4 ounces

9. WARRANTY AND SUPPORT

For detailed warranty information, please refer to the documentation provided with your purchase or visit the official LEDERA website. If you require technical assistance or have questions not covered in this manual, please contact LEDERA customer support through the contact information provided on the product packaging or the brand's official channels.

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Name

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question