

LEDERA 120VA2103W23E26

LEDERA 150W Equivalent A21 23W LED Light Bulbs - Instruction Manual

Model: 120VA2103W23E26

1. INTRODUCTION

Thank you for choosing LEDERA A21 23W LED Light Bulbs. These bulbs are designed to provide bright, energy-efficient illumination with a long lifespan. This manual provides essential information for safe installation, operation, and maintenance of your new LED bulbs.

2. SAFETY INFORMATION

- Always turn off the power supply at the circuit breaker before installing or replacing bulbs.
- Ensure the bulb is cool before handling.
- Do not use with dimmer switches. These bulbs are non-dimmable.
- Suitable for indoor use.
- Do not disassemble the bulb.
- If the bulb is damaged, discontinue use immediately.

3. PRODUCT FEATURES

The LEDERA A21 LED bulbs offer several advantages for your lighting needs:

- **High Brightness:** Provides 2500 lumens of 5000K Daylight White light, equivalent to 150W-200W incandescent bulbs.
- **Energy Efficient:** Consumes only 23 watts, significantly reducing energy consumption compared to traditional bulbs.
- **Long Lifespan:** Rated for over 25,000 hours, lasting up to 25 times longer than conventional bulbs.
- **No Flickering:** Designed to provide stable illumination, reducing eye strain and discomfort.
- **High Color Rendering Index (CRI):** With a CRI of 90+, these bulbs accurately render colors, making objects appear more vibrant and true to life.

- **Wide Beam Angle:** A 270° beam angle ensures broad light distribution.
- **Standard E26 Base:** Compatible with most standard light fixtures.

EXCELLENT PRODUCTS FEATURES



E26

5000K Daylight White



23W LED = 200W



2500 Lumens



50/60 Hz



Non- Dimmable



110-130V



High CRI > 85

Image 3.1: LEDERA A21 LED Bulb showing dimensions (5.2 inches height, 2.76 inches width) and specifications like 23W LED, 2500 Lumens, E26 base, 5000K Daylight White, 50/60 Hz, Non-Dimmable, 110-130V, and High CRI > 85.



Image 3.2: Visual comparison demonstrating the absence of flicker in LEDERA A21 Daylight White bulbs compared to other normal quality LED bulbs that exhibit frequent flickering. This highlights the benefit for eye protection.

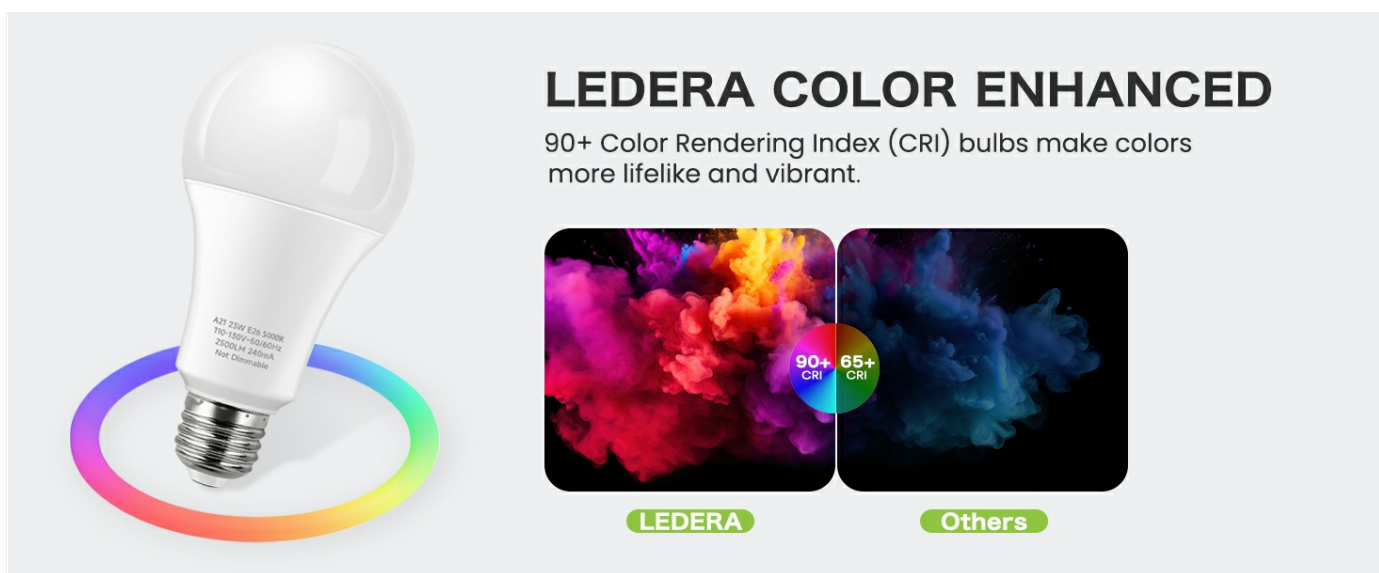


Image 3.3: Illustration comparing the color rendering of LEDERA bulbs (90+ CRI) with other bulbs (65+ CRI), showing how higher CRI makes colors appear more lifelike and vibrant.

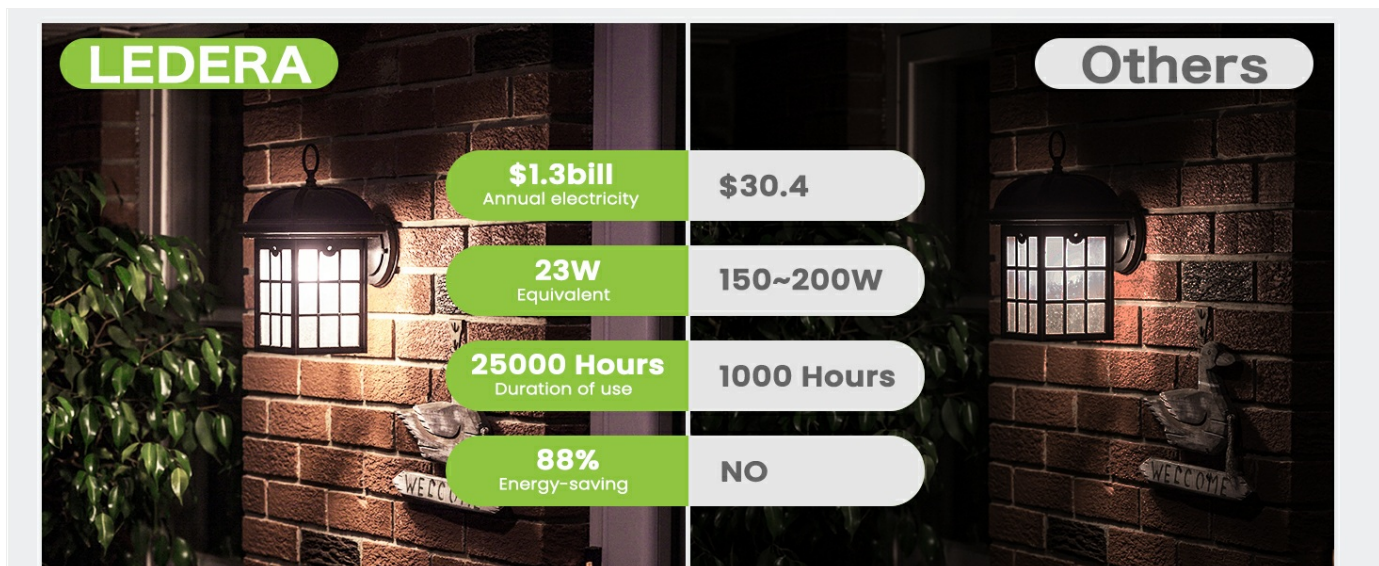


Image 3.4: Comparison showing the energy and cost savings of an LEDERA A21 LED bulb (\$2.76/year, 20000+ hours lifespan) versus a Tungsten lamp (\$12/year, 2000 hours lifespan), based on 3 hours/day usage at 11 cents/kWh.

4. SETUP AND INSTALLATION

Installing your LEDERA A21 LED bulbs is a simple process. Follow these steps:

1. **Turn off Power:** Before beginning, 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 bulb from the fixture. Allow it to cool if it has been recently in use.
3. **Insert New Bulb:** Screw the LEDERA A21 LED bulb into the E26 base socket. Turn clockwise 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 confirm the bulb is working correctly.



Image 4.1: A single LEDERA A21 LED bulb, highlighting its standard E26 screw-in base for easy installation.

5. OPERATING INSTRUCTIONS

- These LEDERA A21 LED bulbs are designed for straightforward operation:
- Simply use your existing light switch to turn the bulbs on or off.
 - The bulbs provide instant full brightness upon activation.
 - **Important:** These bulbs are **non-dimmable**. Do not connect them to a dimmer switch, as this can damage the bulb and void the warranty.



Image 5.1: A clear warning indicating that this LED bulb is not dimmable and should not be used with a dimmer switch, illustrated with a crossed-out dimmer control.

6. MAINTENANCE

LEDERA LED bulbs require minimal maintenance:

- **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:** Due to their long lifespan, frequent replacement is not expected. When replacement is necessary, follow the installation steps in Section 4.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Bulb does not light up.	Power is off. Bulb not screwed in properly. Faulty fixture or switch. Bulb is damaged.	Check circuit breaker and light switch. Ensure bulb is securely tightened in the socket. Test with a known working bulb in the same fixture, or test the bulb in a known working fixture. Replace the bulb.
Light flickers.	Incompatible dimmer switch. Loose connection.	These bulbs are non-dimmable. Remove from dimmer circuit. Ensure bulb is securely tightened.

Problem	Possible Cause	Solution
Light is too dim.	Incorrect bulb for fixture/room size. Dust accumulation.	Verify the bulb's lumen output meets your requirements. Clean the bulb and fixture.

8. SPECIFICATIONS

Specification	Value
Brand	LEDERA
Model Number	120VA2103W23E26
Light Type	LED
Wattage (Actual)	23 Watts
Wattage (Equivalent)	150-200 Watts
Bulb Shape Size	A21
Bulb Base	E26
Light Color	Daylight White
Color Temperature	5000 Kelvin
Brightness	2500 Lumens
Voltage	100-130 Volts, 60 Hertz
Color Rendering Index (CRI)	90+ Ra
Beam Angle	270 Degrees
Average Life	25,000 Hours
Material	Aluminum, Plastic
Special Feature	Instant On, Non-Dimmable
Indoor/Outdoor Usage	Indoor

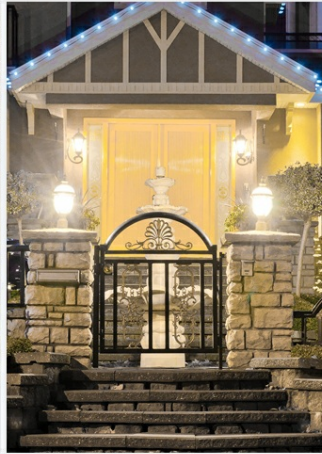
9. RECOMMENDED USAGE ENVIRONMENTS

These LEDERA A21 LED bulbs are suitable for a variety of indoor settings where bright, consistent lighting is desired:

- Homes (living rooms, bedrooms, kitchens, garages)
- Offices
- Schools
- Hotels
- Retail Stores
- Workshops



Courtyard



Gate



Living room



Aisle

Image 9.1: Collage showing LEDERA A21 5000K LED bulbs illuminating various indoor spaces such as a bedroom, living room, and kitchen, demonstrating their versatility.



Image 9.2: An outdoor scene at dusk, featuring string lights and a table lamp, all illuminated by LEDERA 5000K Daylight bulbs, equivalent to 150-200 watts, showcasing their bright output.

10. WARRANTY AND SUPPORT

Specific warranty details are not provided in the product information. For warranty claims or technical support, please refer to the retailer's return policy or contact LEDERA customer service through their official channels.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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