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› RIUVAO 100W LED Corn Light Bulb (ACL10003C) User Manual

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Model: ACL10003C | Brand: RIUVAO

1. PRODUCT OVERVIEW

The RIUVAO 100W LED Corn Light Bulb is designed to provide high-brightness, energy-efficient illumination for a variety of indoor and outdoor applications. This bulb features a 5000K daylight white light, delivering 15000 lumens, and is equivalent to a 1000W incandescent bulb. It is equipped with both E26 and E39 bases for versatile installation.





Figure 1: RIUVAO 100W LED Corn Light Bulb with E26 base and E39 adapter.

Key Features:

- **High Brightness:** 15000 lumens with 5000K daylight white light.
- **Energy Efficient:** 100W LED replaces 1000W incandescent, saving up to 90% on electricity.
- **Long Lifespan:** Over 50,000 hours of operation.
- **Dual Base Compatibility:** Includes E26 base with an E39 adapter for broad compatibility.
- **Wide Voltage Range:** Operates from 110V to 277V.
- **Durable Design:** IP64 rated for indoor and outdoor use, featuring high heat conductivity aluminum material for efficient heat dissipation.
- **Eye Protection:** 360° beam angle, no flash, no flicker, and instant-on operation.

2. SAFETY INFORMATION

Please read and understand all safety instructions before installing or using this product. Failure to follow these instructions may result in electric shock, fire, or other hazards.

- **Power Disconnection:** Always turn off the power at the circuit breaker or fuse box before installation, removal, or maintenance.
- **Qualified Personnel:** Installation should be performed by a qualified electrician if you are unsure about the process.
- **Voltage Compatibility:** Ensure the supply voltage is compatible with the bulb's operating range (110V-277V).
- **Fixture Compatibility:** Do not install in fully enclosed fixtures that restrict airflow, as this can lead to overheating and reduced lifespan.
- **Damp Locations:** This bulb is IP64 rated for damp locations, but avoid direct exposure to water jets or submersion.
- **Handling:** Do not touch the bulb with wet hands. Avoid looking directly into the illuminated bulb for extended periods.
- **Disposal:** Dispose of the bulb according to local regulations for electronic waste.

3. INSTALLATION INSTRUCTIONS

The RIUVAO 100W LED Corn Light Bulb is designed for easy installation. It comes with an E26 base and an E39 adapter for broader compatibility.

3.1 Before Installation:

1. Turn off the power to the fixture at the circuit breaker or fuse box.
2. Ensure the fixture is suitable for the bulb's size (3.23"W x 10.5"H) and weight (14 ounces).
3. Confirm the fixture's voltage is within the bulb's operating range (110V-277V).
4. Remove the old bulb from the fixture.

3.2 Installation Steps:

1. **Determine Base Type:** Identify if your fixture requires an E26 (standard medium) or E39 (mogul) base.
2. **Attach Adapter (if needed):** If your fixture requires an E39 base, screw the provided E39 adapter onto the E26 base of the LED corn light bulb. Ensure it is securely tightened.





Figure 2: The bulb comes with an E26 base and an E39 adapter for flexible installation.

3. **Screw in Bulb:** Carefully screw the LED corn light bulb (with or without the E39 adapter) into the fixture's socket. Turn clockwise until snug, but do not overtighten.
4. **Restore Power:** Turn the power back on at the circuit breaker or fuse box.

5. **Test:** Turn on the light switch to ensure the bulb is functioning correctly.

Note: This corn light bulb does not require a ballast. If your existing fixture has a ballast, it must be bypassed or removed before installing this LED bulb. Consult a qualified electrician if you are unsure how to bypass a ballast.



Figure 3: The RIUVAO LED corn light bulb does not require a ballast. Ensure any existing ballast is bypassed or removed.

4. OPERATING INSTRUCTIONS

Operating the RIUVAO 100W LED Corn Light Bulb is straightforward:

1. Ensure the bulb is correctly installed and power is supplied to the fixture.
2. Use the wall switch or fixture control to turn the light on or off.

The bulb provides instant-on illumination without any warm-up time, buzzing, or flickering.

Your browser does not support the video tag.

Video 1: Demonstration of the RIUVAO 100W LED Corn Light Bulb's instant-on feature and bright illumination.

Your browser does not support the video tag.

Video 2: Showcase of the 100W LED Corn Light Bulb's super bright output in various settings.

5. MAINTENANCE

The RIUVAO 100W LED Corn Light Bulb requires minimal maintenance due to its long lifespan and durable design.

- **Cleaning:** Ensure the power is off before cleaning. Gently wipe the bulb with a soft, dry cloth to remove dust. Do not use liquid cleaners or abrasive materials.
- **No User Serviceable Parts:** Do not attempt to disassemble or repair the bulb. This will void the warranty and may cause damage or injury.
- **Inspection:** Periodically inspect the bulb and fixture for any signs of damage or loose connections.

6. TROUBLESHOOTING

If you encounter issues with your RIUVAO 100W LED Corn Light Bulb, refer to the following troubleshooting steps:

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. Ballast not bypassed (if applicable). Faulty bulb.	Check circuit breaker/fuse. Ensure bulb is securely tightened. Bypass or remove existing ballast. Contact customer support for replacement.
Light is flickering.	Loose connection. Incompatible dimmer switch (this bulb is non-dimmable). Voltage fluctuations.	Check bulb connection. Ensure no dimmer switch is used. Consult an electrician to check power supply.
Reduced brightness.	Dust accumulation. End of bulb lifespan.	Clean the bulb with a dry cloth. Replace the bulb if it has exceeded its expected lifespan.

If the problem persists after trying these solutions, please contact RIUVAO customer support.

7. SPECIFICATIONS

Detailed technical specifications for the RIUVAO 100W LED Corn Light Bulb:

Specification	Value
Brand	RIUVAO
Model Name	ACL10003C
Light Type	LED
Wattage	100 Watts
Incandescent Equivalent	1000 Watts
Brightness	15000 Lumens
Color Temperature	5000 Kelvin (Daylight White)
Bulb Base	E26 Medium (with E39 Adapter included)
Voltage	110V to 277V
Beam Angle	360 Degrees
Lifespan	50,000 Hours
IP Rating	IP64 (Indoor/Outdoor Usage)
Material	Acrylonitrile Butadiene Styrene (ABS), Aluminum, LED Chips
Product Dimensions	3.23"W x 10.5"H
Item Weight	14 ounces
Special Features	Energy Efficient, Eye-Friendly, Flicker-Free, Long Lasting

Product Dimensions



E26 to E39 Adapter

- Wattage: 100W
- LED Qty: 524pcs
- Brightness: 15000 LM
- Voltage: AC 100V-265V
- Color Temperature: 5000K

Figure 4: Product dimensions and key specifications.

8. WARRANTY AND SUPPORT

RIUVAO stands behind the quality of its products. This LED corn light bulb is designed for a long working time of over 50,000 hours.

- **Quality Assurance:** If you experience any quality problems with your product, please contact RIUVAO customer support for assistance or replacement.
- **Contact Information:** For support, please refer to the contact details provided with your purchase or visit the official RIUVAO website.

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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