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› Great Eagle Lighting Corporation 15W GU24 LED Light Bulb Dimmable 2700K Warm White Instruction Manual

Great Eagle Lighting Corporation 4G241527DA

Great Eagle Lighting Corporation 15W GU24 LED Light Bulb Dimmable 2700K Warm White Instruction Manual

Model: 4G241527DA | Brand: Great Eagle Lighting Corporation

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your Great Eagle Lighting Corporation 15W (100W Equivalent) GU24 LED Light Bulb. Please read these instructions carefully before installation and retain them for future reference.

2. SAFETY INFORMATION

WARNING: To reduce the risk of electric shock, always turn off the power to the fixture at the circuit breaker or fuse box before installation or maintenance.

- This product is **UL Listed**, meaning representative samples have been evaluated by UL and meet applicable safety standards. The UL File Number is E355998.
- Ensure the fixture is compatible with LED bulbs, especially if using a dimmer switch, motion sensor, or ceiling fan. Incompatible dimmers can cause flickering or damage to the bulb.
- Do not disassemble or modify the bulb. There are no user-serviceable parts inside.
- This LED bulb contains no mercury, lead, or UV radiation, making it safer for the environment and for illuminating sensitive materials like paintings or fabrics.
- Suitable for both indoor and outdoor use in appropriate fixtures.



UL
US
LISTED

Great Eagle Lighting Corporation UL File Number is E355998

GREAT EAGLE
LIGHTING CORPORATION

Safety by design
This LED Light Bulb is UL Listed

Image: This LED light bulb is UL Listed, ensuring safety by design. The image depicts a family reading under a lamp, highlighting a safe home environment.

IMPORTANT

BUYER'S GUIDE



FEATURES		GREAT EAGLE [®] LIGHTING CORPORATION	OTHERS
 Most Important UL bulbs are tested for electrical and fire safety		✓	✗
 Requirement for all LED Bulbs that are connected directly to line voltage		✓	✓
 USA WARRANTY SERVICE CENTER Great Eagle is owned and operated in the U.S.		✓	✗
 True 100W = 1500 lumens Bright		✓	✗
 High CRI Vivid and realistic colors		✓	✗
 Company operating longevity in the USA		✓	?

Image: A buyer's guide emphasizing important features of Great Eagle LED bulbs, including UL and FCC certifications, and a USA warranty service center.

3. PRODUCT OVERVIEW

The Great Eagle Lighting Corporation 15W GU24 LED Light Bulb is designed as an energy-efficient replacement for traditional 100W incandescent and CFL bulbs. It features a GU24 twist-in base and provides 1500 lumens of warm white light at 2700 Kelvin.

Key Features:

- **Energy Efficient:** 15W LED replaces 100W incandescent/CFL, offering up to 86% energy reduction.
- **Brightness:** 1500 lumens with a 220-degree beam angle for wide and even illumination.
- **Color Temperature:** 2700K Warm White, providing a clear and comfortable light.
- **Dimmable:** Compatible with LED-specific dimmer switches (power consumption lowers with brightness).
- **Base Type:** GU24 2-prong twist-in base for easy installation.
- **Long Lifespan:** Average life of 15,000 hours.
- **Safe:** UL Listed, RoHS compliant, UV-free, and contains no lead or mercury.
- **Instant On:** Provides immediate full brightness without warm-up time.



Image: Product packaging for the Great Eagle 15W GU24 LED Light Bulbs, highlighting its 100W equivalent brightness, 1500 lumens, 2700K warm white color, and dimmable feature.

Great Eagle LED Bulb	CFL Bulb
Plastic Shatter Resistant	Glass Easy to Shatter
LED Mercury-free	CFL Contains Mercury
15,000 hours Long Life	5,000 hours Short Life
Instant on Immediate Full Brightness	Warm up Slow Ramp Up

 **LED Technology Advantages**
Long Life and Power Savings

Image: A visual comparison illustrating the advantages of LED technology over CFL bulbs, emphasizing features like shatter resistance, mercury-free composition, extended lifespan, and instant illumination.



Image: A collage showcasing the versatility of the LED bulb in various applications, including outdoor sconces, bathroom vanity lights, desk lamps, pendant lights, and ceiling fixtures.

LED Color Temperature



WARM WHITE COLOR
2700K

SOFT WHITE COLOR
3000K

COOL WHITE COLOR
4000K

DAYLIGHT COLOR
5000K

Great Eagle offers 4 colors
2700K Warm White, 3000K Soft White, 4000K Cool White, and 5000K Daylight
(When color matching, use the numeric value such as 2700K, 3000K, 4000K, or 5000K)

 **GREAT EAGLE**
LIGHTING CORPORATION

Beautiful Colors
Set the mood and ambience

Image: An illustration of various LED color temperatures, including the 2700K Warm White of this product, demonstrating how different Kelvin values affect light appearance.



Image: A visual comparison demonstrating the impact of High Color Rendering Index (CRI) LED lighting, showing how it produces brighter, more vivid, and accurate colors compared to low-quality LED lighting.



Images: Two views of the Great Eagle GU24 LED light bulb, showcasing its A19 shape and the distinctive two-prong twist-in GU24 base.

4. SETUP AND INSTALLATION

1. **Turn Off Power:** Before attempting any installation, ensure the power to the light fixture is completely

turned off at the circuit breaker or fuse box.

2. **Remove Old Bulb:** Carefully remove the existing bulb from the fixture. For GU24 bases, this typically involves a push-and-twist motion to unlock and remove.
3. **Check Fixture Compatibility:** Verify that your fixture is designed for GU24 base bulbs and is compatible with LED technology, especially if it includes dimming features.
4. **Install New Bulb:** Align the two prongs of the Great Eagle GU24 LED bulb with the slots in the fixture socket. Push the bulb firmly into the socket and twist clockwise until it locks securely into place. Do not overtighten.
5. **Restore Power:** Once the bulb is securely installed, restore power to the fixture from the circuit breaker or fuse box.

5. OPERATING INSTRUCTIONS

- **Basic Operation:** Turn on the light switch to illuminate the bulb. The LED bulb will provide instant full brightness.
- **Dimming Functionality:** If your fixture is connected to an LED-compatible dimmer switch, you can adjust the brightness of the bulb from 10% to 100%. Ensure your dimmer is specifically designed for LED bulbs to prevent performance issues.

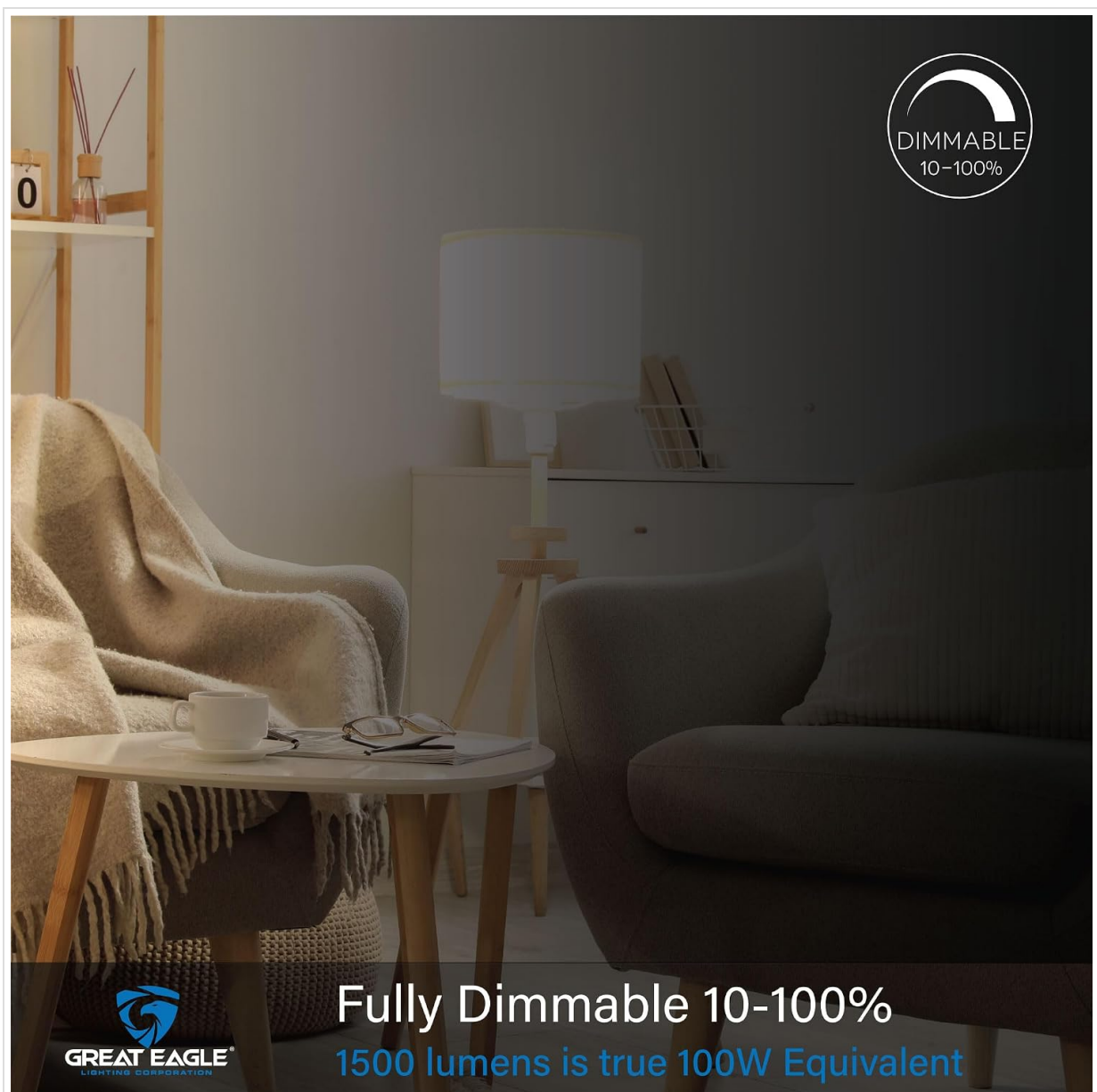


Image: A living room setting demonstrating the bulb's dimmable capability, allowing brightness adjustment from 10% to 100%.

6. MAINTENANCE

- **Cleaning:** Ensure the power is off before cleaning. Use a soft, dry cloth to wipe the bulb. Do not use liquid or abrasive cleaners.
- **Replacement:** The bulb has an average lifespan of 15,000 hours. When replacement is needed, follow the installation steps in reverse.
- **Storage:** If storing bulbs, keep them in their original packaging in a cool, dry place.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Bulb does not light up.	No power to fixture, bulb not installed correctly, faulty bulb.	Check power supply. Ensure bulb is pushed in and twisted securely. Test with another known working bulb.
Bulb flickers or hums.	Incompatible dimmer switch, loose connection, electrical interference.	Ensure an LED-compatible dimmer is used. Check bulb connection. Consult an electrician if issues persist.
Bulb does not dim properly.	Non-LED compatible dimmer switch.	Replace with an LED-compatible dimmer switch.

If troubleshooting steps do not resolve the issue, please contact Great Eagle Lighting Corporation customer support.

8. SPECIFICATIONS

Brand	Great Eagle Lighting Corporation
Model Number	4G241527DA
Light Type	LED
Wattage	15 Watts
Incandescent Equivalent	100 Watts
Brightness	1500 Lumens
Color Temperature	2700 Kelvin (Warm White)
Bulb Base	GU24
Bulb Shape Size	A19
Dimmable	Yes (10-100%, with LED-compatible dimmer)
Voltage	120 Volts (AC)
Average Life	15,000 Hours

Product Dimensions	4.61 x 2.56 x 2.56 inches
Certifications	UL Listed, RoHS Compliant
Indoor/Outdoor Usage	Indoor, Outdoor

9. WARRANTY AND SUPPORT

Great Eagle Lighting Corporation products are designed for quality and reliability. This product is supported by a USA Warranty Service Center.

For technical assistance, warranty claims, or further inquiries, please visit the official Great Eagle Lighting Corporation store or contact their customer support directly.

[Visit Great Eagle Lighting Corporation Store](#)

10. IMPORTANT NOTES ON VIDEOS

No official product videos were found in the provided product data for this model. Please refer to the written instructions and images for guidance.