Brilliance Micro-G4-2700

Brilliance Micro G4 Bi-Pin LED Landscape Lighting Replacement Lamp Bulb User Manual

Model: Micro-G4-2700 | Brand: Brilliance

Brilliance LED logo, featuring a sunburst design above the text "BRILLIANCE LED A HIGHER LIGHT FORM".

1. Introduction

This manual provides essential information for the safe and efficient use of your Brilliance Micro G4 Bi-Pin LED Landscape Lighting Replacement Lamp Bulb. The Micro G4 Bi-Pin is a sub-compact LED designed for landscape retrofit applications, ideal for pathway lighting fixtures. It features a Samsung chipset, omni-directional beam pattern, and is energy efficient and water resistant.

2. Safety Information

- Always disconnect power before installation or servicing.
- Ensure the voltage supply (8-14 VAC/DC) matches the bulb's requirements.
- Do not exceed the specified wattage.
- Handle the bulb with care to avoid damage.
- Consult a qualified electrician if you are unsure about installation procedures.

3. Package Contents

- Brilliance Micro G4 Bi-Pin LED Bulb (Quantity as purchased)

4. Setup and Installation

1. **Power Disconnection:** Before beginning installation, ensure the power supply to the fixture is completely turned off at the circuit breaker.

2. **Remove Old Bulb:** Carefully remove the existing G4 bi-pin halogen bulb from the fixture. Allow it to cool if it was recently in use.
3. **Insert New LED Bulb:** Align the two pins of the Brilliance Micro G4 LED bulb with the sockets in the fixture. Gently push the bulb into place until it is securely seated. Do not force the bulb.
4. **Secure Fixture:** Reassemble the fixture components, ensuring all seals and covers are properly in place, especially for outdoor applications to maintain water resistance.
5. **Restore Power:** Once the bulb is securely installed and the fixture is reassembled, restore power to the circuit.



Image of the Brilliance Micro G4 Bi-Pin LED bulb, showing its compact size and two-pin base.

5. Operating Instructions

- **Power On/Off:** The bulb will illuminate when power is supplied to the fixture. Turn off power to extinguish the bulb.
- **Dimming:** This LED bulb is dimmable. For optimal performance and compatibility, use with most magnetic transformers. Ensure your dimming system is compatible with LED technology.
- **Voltage:** The bulb operates on 8-14 VAC/DC. Ensure your landscape lighting system provides voltage within this range.

6. Maintenance

- **Cleaning:** Ensure power is off before cleaning. Gently wipe the bulb with a soft, dry cloth. Do not use liquid cleaners or abrasive materials.
- **Inspection:** Periodically inspect the bulb and fixture for any signs of wear or damage. Replace the bulb if it appears damaged.
- **Longevity:** With an average life of 35,000 hours, this LED bulb requires minimal maintenance.

7. Troubleshooting

Problem	Possible Cause	Solution
Bulb does not light up.	No power to the fixture, incorrect voltage, loose connection, faulty bulb.	Check power supply, verify voltage (8-14 VAC/DC), ensure bulb is seated correctly, test with another bulb if available.
Bulb flickers or dims inconsistently.	Incompatible dimmer, unstable voltage, loose connection.	Ensure dimmer is compatible with LED bulbs and magnetic transformers. Check voltage stability. Re-seat the bulb.
Bulb lifespan shorter than expected.	Operating outside specified voltage range, excessive heat, faulty product.	Verify operating voltage. Ensure adequate ventilation in the fixture. Contact support if issues persist.

8. Specifications

Feature	Detail
Model Name	Micro G4
Item Model Number	Micro-G4-2700
Light Type	LED
Bulb Base	G4 Bi-Pin
Wattage (Power Consumption)	1.2 Watts
Incandescent Equivalent	10 Watts
Voltage	8-14 VAC/DC (12 Volts DC nominal)
Brightness	95 Lumens
Color Temperature	2700 Kelvin (Warm White)
Dimmable	Yes, with most magnetic transformers
Average Life	35,000 Hours
Chipset	Samsung Chipset
Material	Aluminum
Indoor/Outdoor Usage	Outdoor
UPC	746178860205

9. Warranty and Support

This Brilliance Micro G4 Bi-Pin LED bulb comes with a**5 Year Warranty**. For warranty claims, technical support, or further assistance, please contact your authorized Brilliance dealer or visit the official Brilliance website.
For more information, you may visit theBrilliance LED website.

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