

BulbAmerica 54403

BulbAmerica Osram Original OEM Replacement Lamp User Manual

For Color Imagination BEAM 230 / Spot 230 / SI054 Fixtures

1. INTRODUCTION

This manual provides instructions for the proper installation, operation, and maintenance of your BulbAmerica Osram Original OEM Replacement Lamp, Model 54403. This High-Intensity Discharge (HID) bulb is specifically designed as a replacement for Color Imagination BEAM 230, Spot 230, and SI054 lighting fixtures. Please read this manual thoroughly before installation and use to ensure safe and efficient operation.

2. SAFETY INFORMATION

WARNING: HID lamps operate at high temperatures and contain mercury. Improper handling or disposal can cause injury or environmental harm. Adhere to all safety precautions.

- Always disconnect power to the fixture and allow the lamp to cool completely before handling or attempting replacement.
- Avoid touching the glass envelope of the lamp with bare hands. Oils from skin can create hot spots, leading to premature lamp failure. Use clean gloves or a soft cloth.
- Do not operate the lamp outside of its specified fixture or voltage.
- Ensure the fixture is properly grounded.
- In case of lamp breakage, ventilate the area and carefully clean up glass fragments and mercury residue according to local regulations.
- Dispose of spent lamps according to local hazardous waste regulations due to mercury content.

3. SETUP AND INSTALLATION

Follow these steps to safely replace the lamp in your compatible lighting fixture.

1. **Power Disconnection:** Turn off the power supply to the lighting fixture at the circuit breaker or main switch. Confirm the power is off before proceeding.
2. **Cool Down:** Allow the existing lamp and fixture to cool down completely. This may take several minutes to an hour, depending on recent usage.
3. **Access Lamp Compartment:** Open the lamp compartment of your Color Imagination BEAM 230 / Spot 230 / SI054 fixture.

Refer to your fixture's specific manual for instructions on accessing the lamp.

4. **Remove Old Lamp:** Carefully unclip or unscrew the old lamp from its socket. Handle the old lamp with care, especially if it is broken.
5. **Prepare New Lamp:** Remove the new BulbAmerica Osram replacement lamp from its packaging. **Do not touch the glass bulb with bare hands.** Use clean cotton gloves or a soft, lint-free cloth to handle the lamp.
6. **Insert New Lamp:** Align the pins or base of the new lamp with the socket in the fixture. Gently push or twist the lamp into place until it is securely seated. Ensure a firm connection without excessive force.
- 7.



Image: Top view of the Osram replacement lamp, highlighting the green ceramic base with brand and wattage information, and the two electrical contact pins.

- 8.



Image: Side view of the replacement lamp, illustrating the parabolic reflector and the central arc tube where light is generated.

9. **Secure Compartment:** Close and secure the lamp compartment of the fixture.
10. **Restore Power:** Restore power to the lighting fixture.
11. **Test Operation:** Turn on the fixture to confirm the new lamp is functioning correctly. Note that HID lamps may require a short warm-up period to reach full brightness and stable color.

4. OPERATING INSTRUCTIONS

- **Warm-up Time:** HID lamps require a few minutes to reach full brightness and color stability after ignition.
- **Restrike Time:** If the lamp is turned off, it cannot be immediately re-ignited. It requires a cool-down period (typically 5-15 minutes) before it can be successfully restruck.
- **Operating Position:** Ensure the lamp is operated in the orientation specified by the fixture manufacturer for optimal performance and lifespan.
- **Dimming:** This lamp is designed for specific fixture types. Refer to your fixture's manual regarding dimming capabilities and compatible ballasts.

5. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your lamp.

- **Cleaning:** Periodically clean the exterior of the lamp and the fixture's reflector with a soft, dry, lint-free cloth when the lamp is cool and power is disconnected. Do not use abrasive cleaners or solvents.
- **Inspection:** Regularly inspect the lamp for any signs of damage, discoloration, or loose connections. Replace the lamp if any damage is observed.
- **Fixture Ventilation:** Ensure the lighting fixture's ventilation system is clear of dust and debris to prevent overheating, which can shorten lamp life.

6. TROUBLESHOOTING

If you encounter issues with your lamp, consider the following common troubleshooting steps:

Problem	Possible Cause	Solution
Lamp does not light	No power, loose connection, faulty ballast, lamp at end of life.	Check power supply. Ensure lamp is securely seated. Consult fixture manual for ballast troubleshooting. Replace lamp if at end of life.
Lamp flickers or cycles	Lamp at end of life, incorrect ballast, unstable power supply.	Replace lamp. Verify ballast compatibility. Check power source stability.
Reduced brightness or color shift	Lamp aging, dirty reflector/lens.	Replace lamp. Clean fixture reflector and lens.

If issues persist after troubleshooting, consult a qualified technician or contact BulbAmerica customer support.

7. SPECIFICATIONS

Brand: BulbAmerica

Manufacturer: BulbAmerica

Model Number: 54403

Compatible Fixtures: Color Imagination BEAM 230 / Spot 230 / SI054

Lamp Type: OSRAM HID Bulb

Wattage: 180W (as per feature bullets, though image shows 230W, deferring to product description/feature bullets for consistency)

Rated Life: 2500 hours

Luminous Flux (LM): 8000

Base: Spec (Specific)

Item Weight: 0.5 Pounds

UPC: 675650353921

ASIN: B07TBC2VB1

8. WARRANTY AND SUPPORT

For warranty information or technical support regarding your BulbAmerica Osram Original OEM Replacement Lamp, please contact BulbAmerica directly through their official website or the retailer from whom the product was purchased. Keep your proof of purchase for warranty claims.

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