

BulbAmerica 54403

BulbAmerica Osram Original OEM Replacement Lamp for Chauvet Professional Rogue R2 Beam - Instruction Manual

1. INTRODUCTION

This manual provides essential instructions for the safe and effective installation, operation, and maintenance of your BulbAmerica Osram Original OEM Replacement Lamp, specifically designed for the Chauvet Professional Rogue R2 Beam fixture. Please read this manual thoroughly before attempting any installation or operation to ensure proper function and longevity of the lamp.

This lamp is a High-Intensity Discharge (HID) bulb, known for its high light output and efficiency, making it suitable for professional lighting applications.

2. SAFETY INFORMATION

WARNING: HID lamps operate at high temperatures and pressures. Improper handling or installation can result in serious injury or damage to equipment. Always follow these safety guidelines:

- **Power Disconnection:** Always disconnect power to the fixture and allow it to cool completely before attempting lamp replacement or maintenance.
- **High Temperature:** Lamps become extremely hot during operation. Avoid touching the lamp with bare hands immediately after use.
- **High Pressure:** HID lamps contain gas under high pressure. Handle with care to prevent breakage. Do not scratch or abrade the glass envelope.
- **UV Radiation:** This lamp emits ultraviolet (UV) radiation. Avoid prolonged exposure to skin and eyes. Ensure the fixture's protective shields are in place.
- **Mercury Content:** This lamp contains mercury (Hg). Handle broken lamps with extreme caution and dispose of them according to local environmental regulations. Do not incinerate.
- **Proper Handling:** Do not touch the glass part of the lamp with bare hands. Oils from skin can create hot spots, leading to premature failure. Use clean gloves or a soft cloth.
- **Compatibility:** Ensure this replacement lamp is compatible with your specific fixture model (Chauvet Professional Rogue R2 Beam). Using an incompatible lamp can cause damage or safety hazards.

3. PRODUCT OVERVIEW

The BulbAmerica Osram Original OEM Replacement Lamp is a high-performance 180W HID bulb designed for optimal light output and longevity in professional lighting environments. It features a specialized base and reflector assembly for precise beam control within compatible fixtures.



Image 3.1: Top view of the lamp base, indicating brand and wattage.



Image 3.2: Side view of the lamp, highlighting the reflector and bulb.

Key Features:

- **High Output:** Produces high luminous flux (8000 LM) for its size, offering powerful illumination.
- **Efficiency:** Delivers 3-5 times greater output (lumens per watt) compared to traditional halogen bulbs.
- **Long Rated Life:** Designed for a rated life of 2500 hours.
- **Color Temperature:** 8000 Kelvin, providing a cool white light.

4. SETUP AND INSTALLATION

Follow these steps carefully to replace the lamp in your Chauvet Professional Rogue R2 Beam fixture. Refer to your fixture's specific manual for detailed instructions on accessing the lamp compartment.

1. **Power Off and Cool Down:** Ensure the lighting fixture is completely powered off and unplugged from the mains. Allow sufficient time (at least 30 minutes) for the lamp and fixture to cool down to ambient temperature.
2. **Access Lamp Compartment:** Open the lamp compartment cover on your Chauvet Professional Rogue R2 Beam fixture. This usually involves unscrewing retaining screws or releasing latches. Consult your fixture's manual for exact procedure.
3. **Remove Old Lamp:**
 - Wearing clean gloves, carefully disconnect the electrical connectors from the old lamp.

- Unscrew or unclip any retaining mechanisms holding the old lamp in place.
- Gently remove the old lamp from its socket. Dispose of the old lamp responsibly according to local regulations, especially due to its mercury content.

4. Install New Lamp:

- Still wearing clean gloves, carefully unpack the new BulbAmerica Osram replacement lamp. Avoid touching the glass bulb with bare hands.
- Align the lamp's base with the socket in the fixture. Ensure the electrical contacts are correctly oriented.
- Gently push the lamp into the socket until it is fully seated. Do not force it.
- Secure the lamp with any retaining screws or clips that were removed earlier.
- Reconnect the electrical connectors to the lamp's terminals, ensuring a secure connection.

5. **Close Compartment:** Close and secure the lamp compartment cover. Ensure all screws or latches are properly fastened.

6. **Power On:** Reconnect the fixture to power and turn it on. The lamp may take a few moments to reach full brightness as it warms up.



Image 4.1: Bottom view of the lamp base, showing electrical contacts for installation.

5. OPERATING INSTRUCTIONS

Once installed, the Osram HID lamp operates automatically with your Chauvet Professional Rogue R2 Beam fixture. Observe the following operational characteristics:

- **Warm-up Time:** HID lamps require a short warm-up period (typically 1-5 minutes) to reach full brightness and stable color temperature after ignition.
- **Re-strike Time:** If the lamp is turned off, it must cool down before it can be re-ignited. Attempting to re-strike a hot lamp can reduce its lifespan. Allow at least 10-15 minutes for cooling before attempting to turn it back on.
- **Dimming:** HID lamps are generally not designed for continuous dimming. Frequent dimming or cycling on/off can shorten lamp life.

6. MAINTENANCE

Regular maintenance helps ensure optimal performance and extends the life of your lamp and fixture.

- **Cleaning:** Periodically clean the exterior of the lamp and the fixture's reflector with a soft, lint-free cloth. Ensure the fixture is off and cool before cleaning. Do not use abrasive cleaners or solvents.
- **Inspection:** Regularly inspect the lamp for any signs of damage, such as cracks or discoloration. If damage is observed, replace the lamp immediately.
- **Lamp Replacement:** Replace the lamp when it reaches its rated life (2500 hours) or if its light output significantly diminishes, or if it fails to ignite reliably. Refer to Section 4 for replacement instructions.



Image 6.1: Side view of the lamp, showing the full assembly.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Lamp does not ignite.	No power to fixture. Loose electrical connection. Lamp not seated correctly. Defective lamp or ballast.	Check power supply and circuit breaker. Ensure all connections are secure (refer to Section 4). Re-seat the lamp (refer to Section 4). Replace lamp. If problem persists, consult fixture manufacturer for ballast issues.
Lamp flickers or is dim.	Lamp nearing end of life. Improper voltage. Fixture ventilation issues.	Replace lamp. Verify correct voltage supply to fixture. Ensure fixture's cooling fans are operational and vents are clear.
Lamp fails prematurely.	Frequent on/off cycling. Overheating. Improper handling during installation (e.g., touching glass). Defective ballast.	Minimize frequent power cycling. Ensure adequate ventilation for the fixture. Always use gloves during installation. Consult fixture manufacturer for ballast inspection.

If troubleshooting steps do not resolve the issue, contact BulbAmerica customer support or a qualified technician.

8. SPECIFICATIONS

Attribute	Value
Brand	BulbAmerica (OEM Osram)
Model Number	54403
Light Type	High-Intensity Discharge (HID)
Wattage	180 Watts
Luminous Flux	8000 Lumens (LM)
Color Temperature	8000 Kelvin
Rated Life	2500 hours
Base Type	Specific to fixture (OEM design)
Item Weight	8 ounces (0.5 Pounds)
Package Dimensions	6 x 6 x 6 inches
UPC	675650353907

9. WARRANTY AND SUPPORT

For warranty information or technical support regarding your BulbAmerica Osram Original OEM Replacement Lamp, please contact BulbAmerica directly. Keep your purchase receipt as proof of purchase.

BulbAmerica Contact Information:

- Refer to the BulbAmerica website or your purchase documentation for the most current contact details.
- When contacting support, please have your lamp model number (54403) and purchase date available.

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