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> BulbAmerica 4515 30W 6V PAR36 Spotlamp Halogen Bulb User Manual

BulbAmerica 4515

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Model: 4515 | Brand: BulbAmerica

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your BulbAmerica 4515 PAR36 Halogen Spotlamp Bulb. This 30-watt, 6-volt bulb is designed for specialized lighting applications, including stage and studio lighting, theatrical productions, club and DJ setups, and par-can fixtures. Please read these instructions carefully before installation and operation.



This image displays the BulbAmerica 4515 PAR36 halogen spotlamp bulb from a side angle, showcasing its clear glass and compact design.

2. SETUP AND INSTALLATION

Proper installation is crucial for the performance and longevity of your bulb. Always ensure the power supply is disconnected before handling the bulb.

1. **Safety First:** Ensure the lighting fixture is turned off and completely cool before attempting to install or replace the bulb. Disconnect power at the circuit breaker if necessary.
2. **Identify Base Type:** The BulbAmerica 4515 features a G53 Screw Terminal base. Ensure your fixture is compatible with this base type.
3. **Handle with Care:** Hold the bulb by its ceramic or metal base, avoiding direct contact with the glass envelope. Oils from your skin can create hot spots, reducing bulb life. If the glass is touched, clean it with a clean, lint-free cloth moistened with rubbing alcohol.
4. **Insert Bulb:** Carefully align the screw terminals of the bulb with the corresponding connections in the fixture. Secure the bulb by tightening the screws on the terminals. Do not overtighten.
5. **Verify Connection:** Ensure the bulb is seated firmly and the electrical connections are secure.



A detailed view of the bulb's G53 screw terminal base, highlighting the two screw terminals for electrical connection.

3. OPERATING INSTRUCTIONS

Once installed, operating the BulbAmerica 4515 is straightforward:

1. **Restore Power:** Reconnect the power supply to the lighting fixture.
2. **Activate:** Turn on the lighting fixture using its designated switch or control system. The bulb will illuminate instantly.
3. **Operating Position:** This bulb is designed to operate in any position, offering flexibility in fixture orientation.

4. MAINTENANCE

To ensure optimal performance and extend the life of your BulbAmerica 4515 bulb, follow these maintenance guidelines:

- **Cleaning:** Only clean the bulb when it is cool and the power is disconnected. Use a soft, dry, lint-free cloth to gently wipe away dust or debris. Avoid abrasive cleaners or excessive moisture.
- **Handling:** Always handle the bulb by its base. Avoid touching the glass envelope with bare hands, as skin oils can lead to premature failure.
- **Replacement:** The rated average life of this bulb is 70 hours. Replace the bulb when it reaches the end of its operational life or if it shows signs of dimming or flickering.

5. TROUBLESHOOTING

If you encounter issues with your BulbAmerica 4515 bulb, consider the following common troubleshooting steps:

- **Bulb Does Not Light:**
 - Check if the power supply to the fixture is active.
 - Ensure the bulb is correctly installed and the screw terminals are securely connected.
 - Inspect the bulb for any visible damage, such as a broken filament or cracked glass. If damaged, replace the bulb.
 - Verify that the fixture itself is functioning correctly by testing with a known working bulb.
- **Bulb Life is Shorter Than Expected:**
 - Confirm that the fixture's voltage matches the bulb's 6-volt requirement. Over-voltage can significantly reduce bulb life.
 - Ensure proper ventilation around the bulb and fixture to prevent overheating.
 - Review handling procedures to ensure the glass envelope was not touched during installation.
 - Excessive vibration or frequent switching can also impact bulb longevity.

6. SPECIFICATIONS

Detailed technical specifications for the BulbAmerica 4515 PAR36 Halogen Spotlamp Bulb:



This image illustrates the bulb's diameter, indicating a measurement of 4.5 inches, crucial for fitment.

Specification	Value
Brand	BulbAmerica
Model Number	4515
Light Type	Halogen
Wattage	30 Watts
Voltage	6 Volts
Bulb Shape Size	PAR36
Bulb Base	G53 Screw Terminal
Rated Average Life	70 Hours
Luminous Flux	46900 Lumens
Overall Length	2.75 Inches
Bulb Diameter	4.5 Inches
Operating Position	Any
Material	Copper
Finish	Clear
Item Weight	7.2 ounces

7. WARRANTY INFORMATION

BulbAmerica products are manufactured to high-quality standards. For specific warranty details, please refer to the product packaging or contact BulbAmerica customer support directly. General warranties typically cover manufacturing defects for a limited period from the date of purchase.

8. SUPPORT

For further assistance, technical support, or inquiries regarding the BulbAmerica 4515 PAR36 Halogen Spotlamp Bulb, please visit the official BulbAmerica website or contact their customer service department. Contact information can typically be found on the product packaging or the manufacturer's website.