

## BulbAmerica SP.85R01GC01

# BulbAmerica Projector Lamp for Optoma EP749

Model: SP.85R01GC01

## 1. INTRODUCTION

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This manual provides comprehensive instructions for the installation, operation, and maintenance of your BulbAmerica Replacement Projector Lamp for the Optoma EP749 projector. This product features a genuine Original Equipment Manufacturer (OEM) bulb housed within a compatible assembly, designed to meet the exact specifications of your projector. Adhering to these instructions will ensure optimal performance, brightness, and longevity of your projector lamp.

## 2. SAFETY INFORMATION

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Please read all safety warnings and instructions before installing or operating the projector lamp. Failure to do so may result in injury or damage to the product or projector.

- **Power Disconnection:** Always disconnect the projector from the main power supply before attempting any installation or maintenance.
- **Cool Down Period:** Allow the projector and the old lamp to cool down completely (at least 30 minutes) before handling. Hot lamps can cause severe burns.
- **Handle with Care:** Projector lamps contain fragile components. Handle the lamp assembly by its housing, avoiding direct contact with the bulb glass.
- **Avoid Contamination:** Do not touch the glass surface of the new bulb with bare hands. Fingerprints can cause hot spots and reduce lamp life. If touched, clean with a soft, lint-free cloth moistened with alcohol.
- **Proper Disposal:** Dispose of the old lamp according to local regulations. Projector lamps may contain mercury or other hazardous materials.
- **Ventilation:** Ensure the projector's ventilation system is clear and unobstructed to prevent overheating, which can shorten lamp life.

## 3. SETUP AND INSTALLATION

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Follow these steps carefully to replace the projector lamp. Refer to your Optoma EP749 projector's user manual for specific instructions on accessing the lamp compartment.

1. **Prepare the Projector:** Turn off the projector and unplug the power cord from the electrical outlet. Allow the projector to cool down for at least 30 minutes.
2. **Locate Lamp Compartment:** Identify the lamp compartment cover on your Optoma EP749 projector. This is typically secured with one or more screws.
3. **Remove Lamp Cover:** Using an appropriate screwdriver, carefully loosen and remove the screw(s) securing the lamp compartment cover. Gently remove the cover.
4. **Remove Old Lamp:** Loosen the screw(s) that secure the old lamp module in place. Carefully grasp the handle or designated area on the old lamp assembly and pull it straight out of the projector. Avoid tilting or forcing it.
5. **Install New Lamp:** Unpack the new BulbAmerica projector lamp assembly. Hold the new lamp by its housing and align it with the lamp slot in the projector. Gently slide the new lamp assembly into place until it is firmly seated. Do not force it.
6. **Secure New Lamp:** Tighten the screw(s) to secure the new lamp module. Ensure it is held firmly to prevent movement.
7. **Replace Lamp Cover:** Reattach the lamp compartment cover and secure it with its screw(s).
8. **Reset Lamp Timer:** Plug the projector's power cord back in and turn on the projector. Navigate to the projector's menu system and locate the 'Lamp Timer Reset' or similar option. Reset the lamp timer according to your projector's instructions. This is crucial for accurate lamp life tracking.



Figure 1: BulbAmerica Projector Lamp for Optoma EP749. This image shows the complete lamp housing assembly with the OEM bulb inside, ready for installation into the projector.

## 4. OPERATING THE PROJECTOR LAMP

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Once installed, the projector lamp operates automatically as part of your Optoma EP749 projector. To maximize lamp life and maintain optimal performance:

- **Proper Shutdown:** Always allow the projector to complete its cooling cycle before unplugging it or

turning off the main power. Abrupt power cuts can damage the lamp.

- **Avoid Frequent On/Off Cycles:** Turning the projector on and off frequently can reduce lamp life. If you need to pause viewing for a short period, consider using the projector's standby or blank screen function instead of powering it off completely.
- **Environmental Conditions:** Operate the projector in a well-ventilated area with stable room temperature. Extreme temperatures or high humidity can negatively impact lamp performance and lifespan.

## 5. MAINTENANCE

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Regular maintenance helps ensure the longevity and performance of your projector and its lamp.

- **Clean Air Filters:** Periodically clean or replace the projector's air filters as recommended by Optoma. Clogged filters restrict airflow, leading to overheating and reduced lamp life.
- **Inspect Ventilation:** Ensure that the projector's intake and exhaust vents are free from dust and obstructions.
- **Gentle Cleaning:** If the projector exterior or lamp compartment requires cleaning, use a soft, dry, lint-free cloth. Do not use abrasive cleaners or solvents.

## 6. TROUBLESHOOTING

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If you encounter issues after installing your new lamp, refer to the table below for common problems and solutions. For more complex issues, consult your Optoma EP749 projector's user manual or contact support.

Problem	Possible Cause	Solution
Projector does not turn on after lamp replacement.	Lamp not properly seated or secured. Lamp compartment cover not closed correctly.	Ensure the lamp assembly is fully inserted and secured with its screws. Verify the lamp compartment cover is correctly closed and its screws are tightened.
Image is dim or colors are incorrect.	Lamp timer not reset. Projector settings.	Reset the lamp timer in the projector's menu. Check projector's brightness, contrast, and color settings.
Lamp indicator light is on.	Lamp nearing end of life (if not reset). Overheating.	If new lamp, ensure timer was reset. Check for blocked air filters or vents. Allow projector to cool.
Projector shuts down unexpectedly.	Overheating due to poor ventilation.	Clean air filters and ensure proper airflow around the projector.

## 7. SPECIFICATIONS

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Key specifications for the BulbAmerica Replacement Projector Lamp for Optoma EP749:

Feature	Detail
Brand	BulbAmerica
Compatible Projector Model	Optoma EP749
Bulb Type	Genuine Original OEM Bulb (UHP, P-VIP, SHP, NSH equivalent)
Assembly Type	Housing Assembly with OEM Bulb
Part Number	SP.85R01GC01
Item Weight	1.5 Pounds
Package Dimensions	10 x 10 x 10 inches

## 8. WARRANTY AND SUPPORT

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Your BulbAmerica Replacement Projector Lamp for Optoma EP749 is covered by a **180-day warranty** from the date of purchase. This warranty protects against any manufacturing defects or product malfunctions under normal use conditions.

For warranty claims, technical assistance, or any questions regarding your projector lamp, please contact BulbAmerica customer support through the retailer where the product was purchased or visit the official BulbAmerica website for contact information.