

A1/216

# Instruction Manual: Generic 24V 150W Projector Lamp A1/216

For Rollei P300 and P305 Slide Projectors

## 1. INTRODUCTION

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This manual provides essential instructions for the safe and effective installation, operation, and maintenance of the Generic 24V 150W Halogen Projector Lamp, model A1/216. This lamp is specifically designed as a replacement for Rollei P300 and P305 slide projectors. Please read this manual thoroughly before attempting any installation or maintenance procedures.

## 2. SAFETY INFORMATION

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- **Electrical Hazard:** Always disconnect the projector from the power supply before installing, removing, or servicing the lamp. Failure to do so can result in electric shock.
- **Burn Hazard:** Projector lamps operate at high temperatures. Allow the lamp and projector to cool completely before handling. Hot lamps can cause severe burns.
- **Fragile Component:** The lamp is made of glass and is fragile. Handle with care to prevent breakage. Do not touch the glass envelope of the new lamp with bare hands, as oils from your skin can create hot spots and reduce lamp life. Use a clean cloth or gloves.
- **Correct Lamp Type:** Use only the specified lamp type (24V 150W, A1/216, G6.35 base) for your Rollei P300 or P305 projector. Using an incorrect lamp can damage the projector or pose a safety risk.
- **Disposal:** Dispose of used lamps according to local regulations.

## 3. PRODUCT OVERVIEW

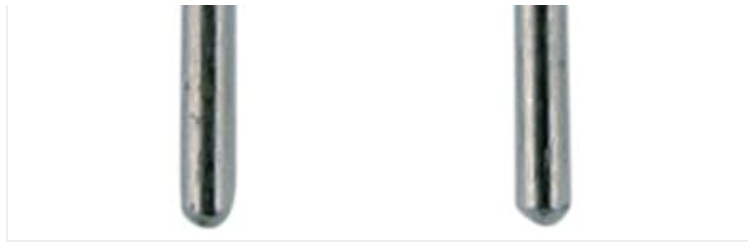
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The Generic 24V 150W Projector Lamp (Model A1/216) is a halogen capsule lamp designed to provide bright, consistent illumination for slide projection. It features a G6.35 bi-pin base for easy installation into compatible projectors.





FCS  
24V-150W



**Image 1:** A clear halogen projector lamp, model A1/216, with a G6.35 base. The lamp features a coiled filament visible within the clear glass envelope. The base shows markings 'FCS 24V 150W' and has two metal pins for electrical connection. This lamp is designed for slide projectors.

## 4. SETUP AND INSTALLATION

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Follow these steps to safely replace the projector lamp:

1. **Power Off and Unplug:** Ensure the Rollei P300 or P305 slide projector is turned off and completely disconnected from the main power supply.
2. **Allow Cooling:** Wait at least 15-30 minutes for the old lamp and projector housing to cool down. The lamp can be extremely hot immediately after use.
3. **Locate Lamp Housing:** Refer to your Rollei projector's original manual to locate and open the lamp access cover. This is typically secured by screws or a latch.
4. **Remove Old Lamp:** Carefully grasp the old lamp by its ceramic or plastic base (not the glass) and gently pull it straight out from its socket. If the lamp is broken, use caution and wear protective gloves to remove any fragments.
5. **Install New Lamp:** Using a clean cloth or gloves, carefully insert the pins of the new Generic A1/216 lamp into the projector's lamp socket. Ensure the pins are fully seated. **Do not touch the glass part of the new lamp with bare hands.**
6. **Secure Housing:** Close the lamp access cover and secure it properly according to your projector's instructions.
7. **Reconnect Power:** Plug the projector back into the power supply.

## 5. OPERATING INSTRUCTIONS

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Once the new lamp is installed, operate your Rollei P300 or P305 projector as usual. The lamp will provide the necessary illumination for projecting slides. Note that the lamp's lifespan is approximately 50 hours. Dimming or flickering may indicate the lamp is nearing the end of its operational life.

## 6. MAINTENANCE

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- **Cleaning:** If the lamp's glass envelope accidentally gets touched, gently clean it with a lint-free cloth moistened with rubbing alcohol to remove any oils before operating the projector.
- **Storage:** Store spare lamps in their original packaging in a cool, dry place to protect them from damage and contamination.
- **Projector Ventilation:** Ensure the projector's ventilation system is clear of obstructions to prevent overheating, which can shorten lamp life.

## 7. TROUBLESHOOTING

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- **Lamp Does Not Light:**

- Check if the projector is properly plugged into a working power outlet.
- Ensure the lamp is fully seated in its socket.
- Verify that the lamp access cover is securely closed.
- The lamp may be faulty or have reached the end of its life. Replace with a new lamp if necessary.

- **Dim or Uneven Light:**

- The lamp may be nearing the end of its life.
- Check for dust or debris on the projector's optical components (lens, mirrors). Refer to your projector's manual for cleaning instructions.

## 8. SPECIFICATIONS

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Feature	Specification
Brand	Generic
Model Number	A1/216
Light Type	Halogen
Voltage	24 Volts
Wattage	150 Watts
Lamp Base	G6.35
Lamp Life (approx.)	50 hours
Color Temperature	3300 Kelvin
Manufacturer	FX Lab or Osram

## 9. WARRANTY AND SUPPORT

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For specific warranty information or technical support regarding this projector lamp, please refer to the retailer or manufacturer from whom the product was purchased. Keep your proof of purchase for any warranty claims.