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Dekain SP-LAMP-017

Dekain Projector Lamp Replacement Manual

For InFocus LP540 Projector (Original Philips Bulb Inside)

1. Introduction

This manual provides essential information for the installation, operation, maintenance, and troubleshooting of your Dekain Projector Lamp replacement, designed for the InFocus LP540 projector model. This lamp module features an original Philips bulb, ensuring high quality and performance.

Dekain projector lamps are constructed with original bulbs from OEM manufacturers, including UHP, P-VIP, NSH, SHP, UHE, UHM, and HS types. The lamp module is housed in durable, compatible materials designed for proper fit and function. Each lamp undergoes rigorous testing prior to dispatch to meet original equipment manufacturer (OEM) standards for quality, function, and performance, offering a lifespan up to three times longer than economic alternatives.

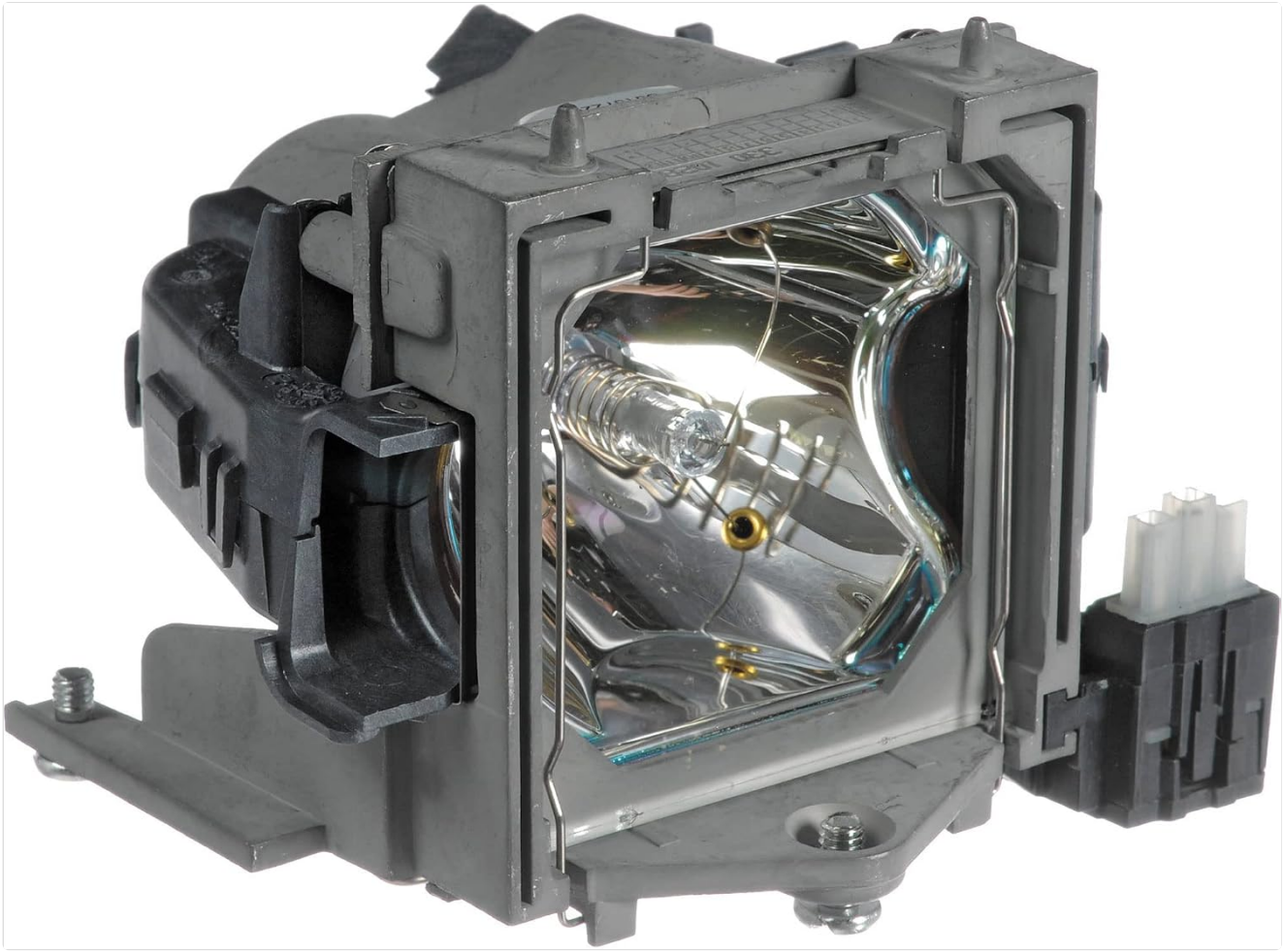


Image 1.1: Dekain Projector Lamp Module for InFocus LP540.

2. Setup and Installation

Proper installation is crucial for optimal performance and longevity of your projector lamp. Follow these steps carefully:

1. **Power Down:** Ensure the projector is completely shut down and disconnected from the power source.
2. **Cool Down:** Allow the projector to cool down for at least 30 minutes. Projector lamps operate at high temperatures, and attempting to remove a hot lamp can cause injury.
3. **Locate Lamp Compartment:** Refer to your projector's user manual to locate the lamp compartment. This is typically secured by screws or a latch.
4. **Remove Old Lamp:** Carefully open the compartment and unfasten any screws holding the old lamp module in place. Gently pull out the old lamp module by its handle. Avoid touching the glass bulb.
5. **Insert New Lamp:** Align the new Dekain lamp module with the slot in the projector. Slide it in firmly until it is securely seated. Ensure the electrical connector is well-connected.
6. **Secure Compartment:** Fasten any screws to secure the new lamp module and close the lamp compartment cover.
7. **Reset Lamp Timer:** After installation, it is essential to reset the lamp timer in your projector's menu. Consult your projector's manual for specific instructions on how to reset the lamp timer. This ensures accurate tracking of the new lamp's lifespan.

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Video 2.1: Official Dekain video demonstrating projector lamp bulb replacement. This video provides a visual guide to the replacement process, highlighting key steps for proper installation.

3. Operating Guidelines

To maximize the performance and lifespan of your Dekain projector lamp, adhere to the following operating practices:

- **Proper Shutdown:** Always allow the projector to complete its cooling cycle before unplugging it or moving it. 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, it is often better to leave the projector on.
- **Optimal Environment:** Operate the projector in a well-ventilated area to prevent overheating, which can shorten lamp life. Avoid dusty or smoky environments.
- **Brightness Settings:** Utilize the projector's eco-mode or lower brightness settings when maximum brightness is not required. This can significantly extend the lamp's operational hours.

4. Maintenance

Regular maintenance helps ensure consistent performance and extends the life of your projector and its lamp.

- **Cleaning:** Periodically clean the projector's air filters and vents to maintain proper airflow and prevent overheating. Use a soft, dry cloth for external cleaning. Do not use abrasive cleaners or solvents.
- **Lamp Life:** Most projector lamps offer about 2,000-3,000 hours of operation under normal conditions. In power-saving mode, this can extend to 3,000-5,000 hours. Lamp lifetime is rated by 'Half-Life', meaning the point at which brightness becomes half of its original output.
- **Handling:** Always handle the lamp module by its housing. Avoid touching the glass bulb directly, as oils from your skin can create hot spots and reduce lamp life.

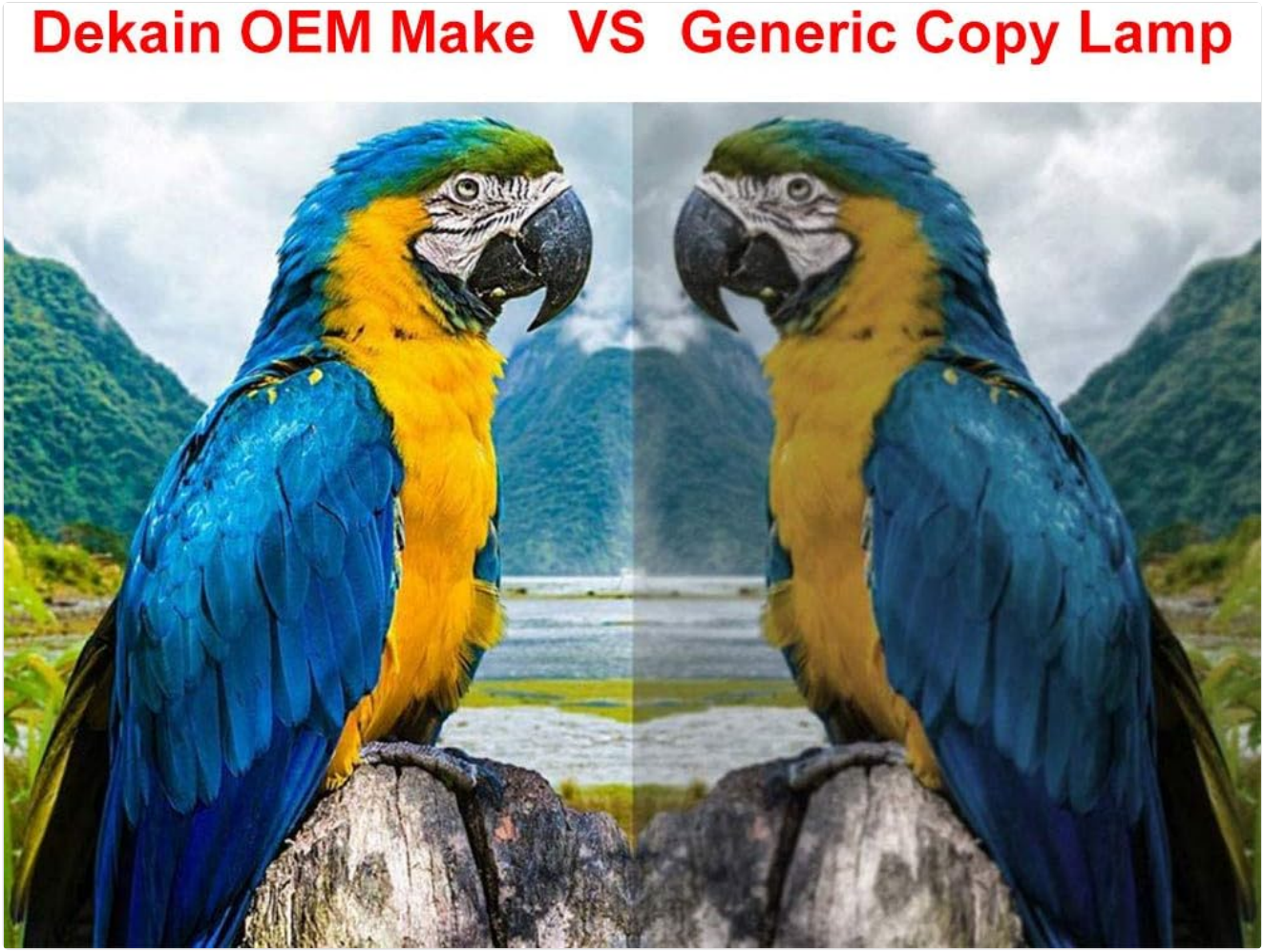


Image 4.1: Visual comparison highlighting the superior quality of Dekain OEM lamps over generic alternatives.

5. Troubleshooting

Here are answers to common questions regarding projector lamps:

- **What is a Projector Lamp?**

  A modern projector bulb is technically an ultra-high pressure mercury vapor ARC lamp. Projector lamps are categorized as either metal halide lamps or ultra-high pressure mercury vapor lamps.

- **Why Are Dekain Projector Lamps So Expensive?**

  Projector lamps are costly to manufacture, with only a few major producers of high-quality, original projector lamps globally. Dekain exclusively uses OEM bulbs from these manufacturers in its assemblies, ensuring premium quality and performance.

- **How Many Hours Will the Lamp Work?**

  Most projectors offer about 2,000-3,000 hours of lamp life. For projectors used under normal operating conditions (no more than 3 to 5 hours per day in a clean, relatively dust-free environment), the lamp is likely to last through its entire rated 3,000-5,000 hours (in power-saving mode). Projector lamp lifetime is rated by 'Half-Life', which is the point at which the lamp's brightness becomes half of its initial brightness.

6. Specifications

Key technical specifications for the Dekain Projector Lamp (Model: SP-LAMP-017):

Specification	Detail

Brand	Dekain
Model Number	SP-LAMP-017
Compatible Projector	InFocus LP540
Light Type	Metal Halide
Wattage	170 watts
Bulb Shape Size	MR20
Bulb Base	Prong
Item Weight	14.4 ounces
Package Dimensions	6 x 6 x 5 inches
UPC	772288508072

7. Warranty and Support

Dekain is committed to providing high-quality products. Please review the warranty terms for your replacement lamp:

- **Warranty Coverage:** Confirm the specific warranty coverage provided with your purchase. This typically includes a return policy and a defined warranty period for quality-related issues.
- **Long-Term Warranty:** Dekain lamps are designed for durability. Ensure your lamp has a long-term warranty to protect against any potential manufacturing defects or premature failures.
- **Customer Support:** For any issues or questions regarding your Dekain projector lamp, please contact Dekain Enterprise customer support. Refer to your purchase documentation for contact details.

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Image 7.1: Dekain Brand Logo.

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