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Riester HPLED-6252.003-M

Riester Ri-Magic HPLED Examination Lamp User Manual

Model: HPLED-6252.003-M

INTRODUCTION

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your Riester Ri-Magic HPLED Examination Lamp. Please read this manual thoroughly before using the device and retain it for future reference.

The Riester Ri-Magic HPLED Examination Lamp is designed for professional medical use, providing high-performance LED illumination for examinations. It features a white, high-performance LED bulb with a light intensity of 20,000 Lux and a color temperature of 6,500 K, mimicking daylight conditions. The LED technology ensures significantly less heat emission and energy consumption compared to traditional halogen lighting, boasting an impressive 50,000-hour bulb life. The lamp also includes a rheostat handle for precise adjustment of light intensity.

IMPORTANT SAFETY INFORMATION

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and injury to persons.

- Do not operate the lamp if it has a damaged cord or plug, or if it has been dropped or damaged.
- Keep the power cord away from heated surfaces.
- Do not immerse the lamp in water or other liquids.
- Ensure the lamp is placed on a stable, level surface to prevent tipping.
- Only use accessories specified by the manufacturer.
- Disconnect the power supply before cleaning or performing maintenance.
- This device is intended for professional medical use only.

PRODUCT COMPONENTS

The Riester Ri-Magic HPLED Examination Lamp consists of the following main components:

- LED Lamp Head with integrated rheostat handle

- Flexible Gooseneck Arm
- Height-Adjustable Pole
- Rolling Floor Stand with five casters
- Power Cord



Image: The Riester Ri-Magic HPLED Examination Lamp, showing the LED lamp head, flexible gooseneck arm, height-adjustable pole, and the five-caster rolling floor stand. The lamp components shown are black, with a white LED light source.

SETUP INSTRUCTIONS

1. **Unpacking:** Carefully remove all components from the packaging. Inspect for any signs of damage. Retain packaging for future transport or storage.
2. **Assemble the Rolling Stand:** Attach the five casters to the base of the rolling stand. Ensure they are securely fastened.
3. **Attach the Pole:** Insert the height-adjustable pole into the designated slot on the rolling stand base. Secure it using the provided locking mechanism.
4. **Mount the Lamp Arm:** Attach the flexible gooseneck arm with the lamp head to the top of the pole. Ensure it is firmly seated and locked into position.
5. **Connect Power:** Plug the power cord into the lamp's power input, then plug the other end into a standard electrical outlet.
6. **Positioning:** Roll the lamp to the desired location. The casters allow for easy movement. Ensure the stand is stable before use.

OPERATING INSTRUCTIONS

1. **Power On/Off:** Locate the power switch, typically on the lamp head or pole. Press to turn the lamp on or off.
2. **Adjusting Light Intensity:** Use the rheostat handle located on the lamp head to adjust the brightness. Rotate the handle clockwise to increase intensity and counter-clockwise to decrease it.

3. **Positioning the Lamp Head:** Gently bend and adjust the flexible gooseneck arm to direct the light beam to the desired examination area. The minimum working distance for optimal illumination is approximately 7.9 inches (20 cm).
4. **Adjusting Height:** Loosen the locking mechanism on the height-adjustable pole, raise or lower the pole to the desired height, and then re-tighten the locking mechanism to secure it.

Note: The LED lamp produces minimal heat, but avoid direct prolonged contact with the lamp head during operation.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Riester Ri-Magic HPLED Examination Lamp.

- **Cleaning:**
 - Before cleaning, always unplug the lamp from the power outlet.
 - Wipe the exterior surfaces of the lamp, pole, and stand with a soft, damp cloth.
 - For disinfection, use a mild, non-abrasive disinfectant solution. Do not spray liquids directly onto the lamp head or electrical components.
 - Ensure all surfaces are dry before plugging the lamp back in.
- **Bulb Replacement:** The HPLED bulb has an estimated life of 50,000 hours and is not user-replaceable. If the LED light fails, contact authorized service personnel.
- **Caster Maintenance:** Periodically check the casters for debris or hair accumulation. Clean as necessary to ensure smooth movement.
- **Cord Inspection:** Regularly inspect the power cord for any signs of damage, fraying, or kinks. If damage is found, discontinue use and contact service.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Lamp does not turn on.	Not plugged in. Power switch is off. Power outlet malfunction. Damaged power cord.	Ensure lamp is securely plugged into a working outlet. Press the power switch to the 'On' position. Test the outlet with another device. Inspect cord for damage; if damaged, contact service.
Light intensity cannot be adjusted.	Rheostat handle malfunction.	Ensure the lamp is powered on. If issue persists, contact authorized service.
Lamp flickers or dims unexpectedly.	Loose connection. Internal electrical issue.	Check power cord connection. If flickering continues, unplug and contact service.

For problems not listed above, or if the suggested solutions do not resolve the issue, please contact Riester customer support or an authorized service center.

TECHNICAL SPECIFICATIONS

- **Model:** HPLED-6252.003-M
- **Light Source:** High Performance LED
- **Light Intensity:** 20,000 Lux (at specified working distance)
- **Color Temperature:** 6,500 K
- **Bulb Life:** Approximately 50,000 hours
- **Minimum Working Distance:** 7.9 inches (20 cm)
- **Power Source:** Corded Electric
- **Product Dimensions:** 23 x 22 x 9.5 inches (58.4 x 55.9 x 24.1 cm)
- **Product Weight:** 12 Pounds (5.44 kg)
- **Color:** White
- **Finish Type:** Powder Coated
- **Manufacturer:** Riester
- **ASIN:** B075N8FTGR

WARRANTY AND SUPPORT

Riester products are manufactured to the highest quality standards. For information regarding warranty coverage, service, or technical support, please contact your local Riester distributor or visit the official Riester website. Please have your model number (HPLED-6252.003-M) and purchase information ready when contacting support. For further assistance, you may visit the [Riester Store on Amazon](#).

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