

Velamp IR558

Velamp IR558 Rechargeable Hand Lamp User Manual

Model: IR558

1. INTRODUCTION AND PRODUCT OVERVIEW

Thank you for choosing the Velamp IR558 Rechargeable Hand Lamp. This manual provides essential information for the safe and efficient use of your new device. Please read it carefully before use and retain it for future reference.

The Velamp IR558 is a versatile 5W rechargeable hand lamp designed for various indoor and outdoor activities. It features a unique dual-beam system:

- **Central Focused Beam:** Delivers 350 lumens, ideal for long-distance illumination up to 400 meters, perfect for outdoor adventures.
- **Diffuse Light Crown:** Provides 300 lumens with a soft, wide beam, suitable for close-up work or illuminating larger areas like a room or electrical panel.

Equipped with a 4V 2Ah lithium-ion battery, the lamp offers approximately 2 hours of continuous operation. Its IP44 water-resistant rating ensures reliable performance in various environments.



Image 1.1: Velamp IR558 Rechargeable Hand Lamp. This image shows the overall design of the red hand lamp with its handle and front light.

2. SAFETY INSTRUCTIONS

- Do not look directly into the light beam to avoid eye injury.
- Keep the device away from children.
- Do not attempt to disassemble or modify the lamp. This may void the warranty and pose a safety risk.
- Use only the provided charging adapters (220V and 12V) to charge the device. Using unauthorized chargers may damage the battery or cause fire.
- Avoid exposing the lamp to extreme temperatures or direct sunlight for prolonged periods.
- Although IP44 water-resistant, do not immerse the lamp in water.
- Dispose of the battery according to local regulations. Do not dispose of batteries in fire.

3. PACKAGE CONTENTS

Please check the package for the following items:

- 1 x Velamp IR558 Rechargeable Hand Lamp
- 1 x 220V Charger Adapter
- 1 x 12V Car Charger Adapter
- 1 x Shoulder Strap

If any items are missing or damaged, please contact your retailer.

4. SETUP

4.1 Initial Charging

1. Before first use, fully charge the hand lamp.
2. Connect the appropriate charger (220V for wall outlet or 12V for car) to the charging port on the lamp.
3. Plug the charger into the power source. The charging indicator light (if present) will illuminate.
4. Allow approximately 2-3 hours for a full charge. The indicator light may change color or turn off when charging is complete.

4.2 Attaching the Shoulder Strap

1. Locate the attachment points on the hand lamp.
 2. Thread each end of the shoulder strap through the attachment points and secure them firmly.
 3. Adjust the strap length for comfortable carrying.
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5. OPERATING INSTRUCTIONS

5.1 Power On/Off and Mode Selection

The Velamp IR558 features a single button for power and mode selection:

1. **First Press:** Activates the central focused beam (350 lumens).
2. **Second Press:** Activates the diffuse light crown (300 lumens).
3. **Third Press:** Turns the lamp off.

5.2 Using the Adjustable Stand

The hand lamp is equipped with an adjustable stand integrated into the handle. To use it:

- Rotate the handle to position the lamp for hands-free operation.
 - Adjust the angle to direct the light as needed.
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6. MAINTENANCE

6.1 Cleaning

- Wipe the lamp with a soft, damp cloth.
- Do not use abrasive cleaners or solvents, as these may damage the surface.
- Ensure the charging port cover is securely closed to maintain IP44 rating.

6.2 Battery Care

- To prolong battery life, avoid completely draining the battery before recharging.
- If storing the lamp for an extended period, charge it every 3-6 months to prevent deep discharge.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Lamp does not turn on.	Battery is depleted.	Charge the lamp fully using the provided adapter.
Lamp does not charge.	Charger not properly connected or faulty.	Ensure charger is securely connected to both the lamp and power source. Try a different outlet or charger if available.
Diffuse light crown appears as a semicircle.	This is the intended design of the 'diffuse light crown' feature. It is not a fault.	No action required. This is normal operation.
Reduced battery life.	Battery degradation over time or improper charging habits.	Ensure full charges. If battery life significantly decreases, consider contacting support for potential battery replacement options (if available).

8. SPECIFICATIONS



Image 8.1: Velamp IR558 Hand Lamp with dimensions. The image shows the lamp with measurements: 17.8 cm length, 10.5 cm width, and 14 cm height.

Feature	Detail
Model Number	IR558

Feature	Detail
Brand	Velamp
Power	5 Watts
Central Beam Luminous Flux	350 Lumens
Diffuse Crown Luminous Flux	300 Lumens
Beam Visibility	Up to 400 meters
Battery Type	4V 2Ah Lithium-Ion (included)
Battery Autonomy	Approx. 2 hours
Charging Voltage	4 Volts
Material	Plastic
Dimensions (L x W x H)	17.8 x 10.5 x 14 cm
Weight	520 g
IP Rating	IP44
Included Components	1 Hand Lamp, 220V Charger, 12V Car Charger, Shoulder Strap



Image 8.2: IP44 Rating. This icon indicates the product is protected against solid objects larger than 1mm and against splashing water from any direction.

9. WARRANTY INFORMATION

Velamp products are manufactured to high-quality standards. This product comes with a standard manufacturer's warranty against defects in materials and workmanship from the date of purchase. Please retain your proof of purchase for warranty claims.

The warranty does not cover damage caused by misuse, unauthorized modifications, accidents, or normal wear and tear. For specific warranty terms and conditions, please refer to the warranty card included with your product or contact Velamp customer support.

10. SUPPORT

For further assistance, technical support, or warranty inquiries, please visit the official Velamp website or contact their customer service department.

Website: www.velamp.com (Example link, please verify official website)

Email: support@velamp.com (Example email, please verify official contact)



Image 10.1: Velamp Logo. The official logo of the Velamp brand.

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