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ALONEFIRE SV115

ALONEFIRE SV115 365nm UV Flashlight User Manual

Model: SV115 | Brand: ALONEFIRE

1. INTRODUCTION

Thank you for choosing the ALONEFIRE SV115 365nm UV Flashlight. This powerful blacklight is designed for various detection and curing applications, utilizing a high-quality 365nm UV LED. For optimal performance and safety, please read this manual thoroughly before use.



Image 1: ALONEFIRE SV115 UV Flashlight, USB-C charging cable, and UV protective glasses.

2. SAFETY INFORMATION

WARNING: Ultraviolet (UV) light can be harmful to eyes and skin.

- Always wear the provided UV protective glasses when operating the flashlight.
- Do not look directly into the UV light source.
- Avoid prolonged exposure of skin to UV light.
- Keep out of reach of children.
- Do not disassemble the flashlight; refer servicing to qualified personnel.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- ALONEFIRE SV115 365nm UV Flashlight
- Rechargeable Lithium-Ion Battery (pre-installed or separate)
- USB-C Charging Cable
- UV Protective Glasses



Image 2: Included components: SV115 flashlight, USB-C cable, and UV protective glasses.

4. SETUP AND CHARGING

4.1 Battery Installation

The SV115 flashlight comes with a rechargeable Lithium-Ion battery. If not pre-installed, unscrew the tail cap, insert the battery with the positive (+) end facing towards the head of the flashlight, and then securely screw the tail cap back on.

4.2 Charging the Flashlight

The flashlight features a convenient USB-C charging port.

1. Locate the USB-C port on the flashlight body.
2. Connect the provided USB-C cable to the flashlight.
3. Connect the other end of the USB-C cable to a compatible USB power source (e.g., wall adapter, power bank, computer USB port, car charger).
4. The charging indicator light will show red during charging and turn green when fully charged.



Image 3: USB-C charging in progress, with indicator lights for charging status.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

Press the power button located on the side of the flashlight to turn the UV light on or off.



Image 4: Operating the flashlight with the side power button.

5.2 Applications

The ALONEFIRE SV115 365nm UV Flashlight is suitable for a wide range of applications:

- **Pet Urine Detection:** Identify hidden pet stains on carpets, rugs, and other surfaces.
- **Scorpion Detection:** Scorpions fluoresce under 365nm UV light, making them easy to spot.
- **Resin Curing:** Accelerate the curing process of UV-sensitive resins and glues.
- **Currency and Document Authentication:** Verify security features on banknotes, passports, and other official documents.
- **Mineral Detection:** Observe fluorescence in certain minerals.
- **Bed Bug Detection:** Aid in identifying bed bug infestations.

- **Leak Detection:** Detect automotive or HVAC leaks when used with UV dye.



Image 5: Various applications of the UV flashlight, including stain detection and fluorescence observation.

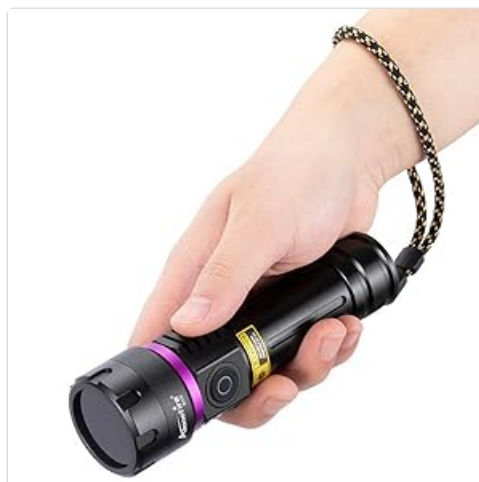


Image 6: Comparison of 365nm vs. 395nm UV light for mineral detection, highlighting the effectiveness of 365nm.

6. MAINTENANCE

6.1 Reverse Charging Function

The SV115 can function as a power bank to charge other devices.

1. Ensure the flashlight battery has sufficient charge.
2. Connect your device's charging cable to the USB-A output port on the flashlight.
3. The flashlight will begin charging your device.



Image 7: Using the flashlight's reverse charging feature to power a smartphone.

6.2 Cleaning and Storage

- Wipe the flashlight body with a soft, damp cloth. Do not use abrasive cleaners.
- Ensure the lens is clean for optimal light output.
- Store the flashlight in a cool, dry place away from direct sunlight and extreme temperatures.

- If storing for extended periods, charge the battery periodically to maintain its health.

7. TROUBLESHOOTING

- **Flashlight not turning on:**
 - Ensure the battery is correctly installed with the positive end facing forward.
 - Charge the battery fully using the provided USB-C cable.
- **Charging indicator not working:**
 - Verify the USB-C cable is securely connected to both the flashlight and the power source.
 - Try a different USB power source or cable.
- **UV light appears weak:**
 - Ensure the battery is fully charged.
 - Clean the lens surface for any obstructions or dirt.

8. SPECIFICATIONS



Feature	Detail
Model	SV115
UV LED Type	High-powered 6-cores 365nm UV LED
Power Consumption	Up to 30W
Luminous Power	5600mW
Filter Lens	Hard toughened black filter optical lens
Body Material	High-quality Aluminum Alloy (Anodized Aluminum)
Charging Port	USB-C
Battery Type	Rechargeable Lithium-Ion (included)
Reverse Charging	Yes, via USB-A output port
Water Resistance Level	Not Water Resistant
Item Weight	12.3 ounces (0.35 Kilograms)
Package Dimensions	7.2 x 3.58 x 2.24 inches

9. WARRANTY AND SUPPORT

The ALONEFIRE SV115 UV Flashlight comes with a limited warranty. For specific warranty details or technical support, please refer to the warranty card included with your product or contact ALONEFIRE customer service. You can also visit the official ALONEFIRE store for more information:[ALONEFIRE Store](#)



Related Documents - SV115

<p>User Manual SV003 UV Flashlight</p> 	<p>Alonefire SV003 UV Flashlight User Manual</p> <p>User manual for the Alonefire SV003 UV Flashlight, detailing package contents, battery installation, usage instructions, and charging procedures.</p>
<p>User Manual H002 LED Flashlight</p> 	<p>Alonefire H002 LED Flashlight User Manual</p> <p>User manual for the Alonefire H002 LED Flashlight, covering package contents, battery installation, operation, and charging instructions. Includes detailed textual descriptions of images and symbols.</p>