Vansky UV flashlight

Vansky UV Flashlight Black Light User Manual

Model: UV flashlight (VS-FL03-V)

INTRODUCTION

The Vansky UV Flashlight Black Light is a versatile tool designed to reveal substances invisible to the naked eye. Equipped with 51 UV LEDs, it is ideal for detecting pet urine stains, identifying scorpions, authenticating currency, and inspecting cleanliness in various environments. Its durable aluminum construction ensures reliability and longevity.

Figure 1: Vansky UV Flashlight Black Light

KEY FEATURES

- **Find invisible stains:** UV flashlight helps detect food stains and pet urine stains on rugs, carpets, and clothes that are otherwise invisible to the naked eye.

- **Versatile use:** Authenticate currency and official documents like driver's licenses or identify unwanted whitening agents in cosmetics; cure UV resin.

- **Outdoor applications:** Perfect for outside use such as finding scorpions and minerals.

- **Durable, high-quality LEDs:** The 51 tenacious UV light LEDs have a lifespan of 15 years.

- **Ultra-compact design:** The pocket-size UV flashlight can be carried along to detect stains in your car or illuminate minerals, body art.

SETUP AND BATTERY INSTALLATION

The Vansky UV Flashlight requires 3 AA standard alkaline batteries (not included) for operation. Follow these steps for proper battery installation:

1. Unscrew the back cover of the flashlight to access the battery compartment.

2. Insert the 3 AA batteries into the battery holder. Ensure the negative (-) pole of each battery is placed toward the spring, following the anode and cathode direction markings.

3. Install the battery holder into the flashlight battery compartment in the marked arrow direction.

4. Tighten the back cover securely.

Important: Make sure the spring is aligned with the hole for proper contact. If the flashlight does not work after installation, check battery orientation and ensure the cover is fully tightened.
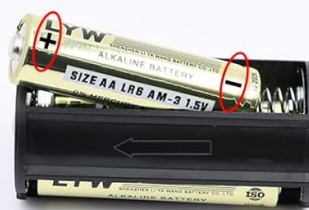

Figure 2: Step-by-step battery installation for the Vansky UV Flashlight.

Installation Guide

STEP 1

Components
(Batteries Not Included)

STEP 2

Place the negative (-) pole of the new AA battery toward the spring, and then install the batteries into the battery holder in turn.
(Identify Anode and Cathode Direction)

STEP 3

Install the battery holder into the flashlight battery compartment in the marked arrow direction.
(The Arrow Point to The Inside)

STEP 4

Tighten the back cover

Figure 3: Product dimensions and internal components of the Vansky UV Flashlight.

OPERATING INSTRUCTIONS

To operate the Vansky UV Flashlight, simply press the power button located on the side of the flashlight. Press once to turn on, and press again to turn off.

Optimal Usage Tips:

- For best results, use the UV flashlight in a dark or dimly lit environment. Ambient light can reduce the visibility of fluorescent substances.
- Hold the flashlight close to the surface you wish to inspect.
- Scan the area slowly to identify any glowing spots, which indicate the presence of UV-reactive materials.

Common Applications:

- **Pet Urine Detection:** Ideal for locating hidden pet stains on carpets, rugs, and upholstery.
- **Scorpion Finding:** Scorpions glow brightly under UV light, making them easy to spot in dark areas.
- **Currency and Document Verification:** Reveals security features on banknotes, passports, and driver's licenses.

- **Hotel/Bathroom Cleanliness Inspection:** Helps identify unseen residues and stains.

- **Resin Curing:** Can be used for curing UV-sensitive resins.

- **Pest Detection:** Useful for finding bed bugs and tomato hornworms.

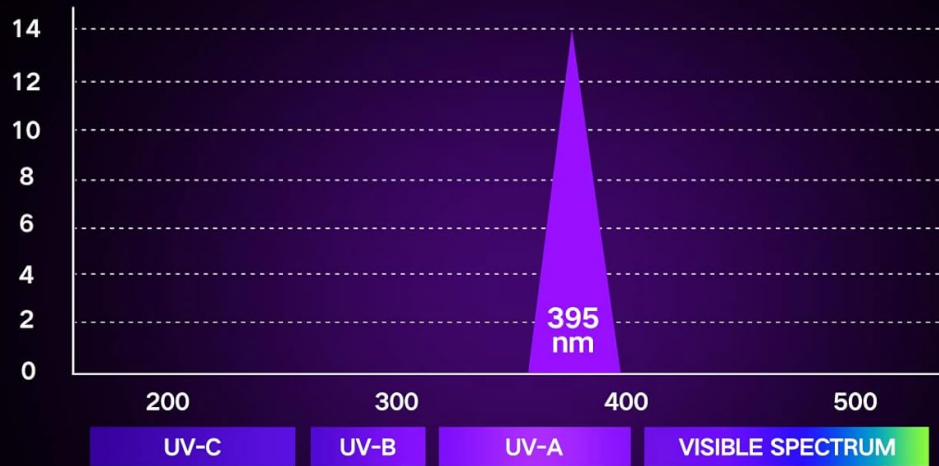Figure 4: Detecting pet stains on a carpet using the UV flashlight.

Figure 5: Inspecting bathroom cleanliness with the UV flashlight.

Figure 6: Identifying scorpions in dark environments using the UV flashlight.
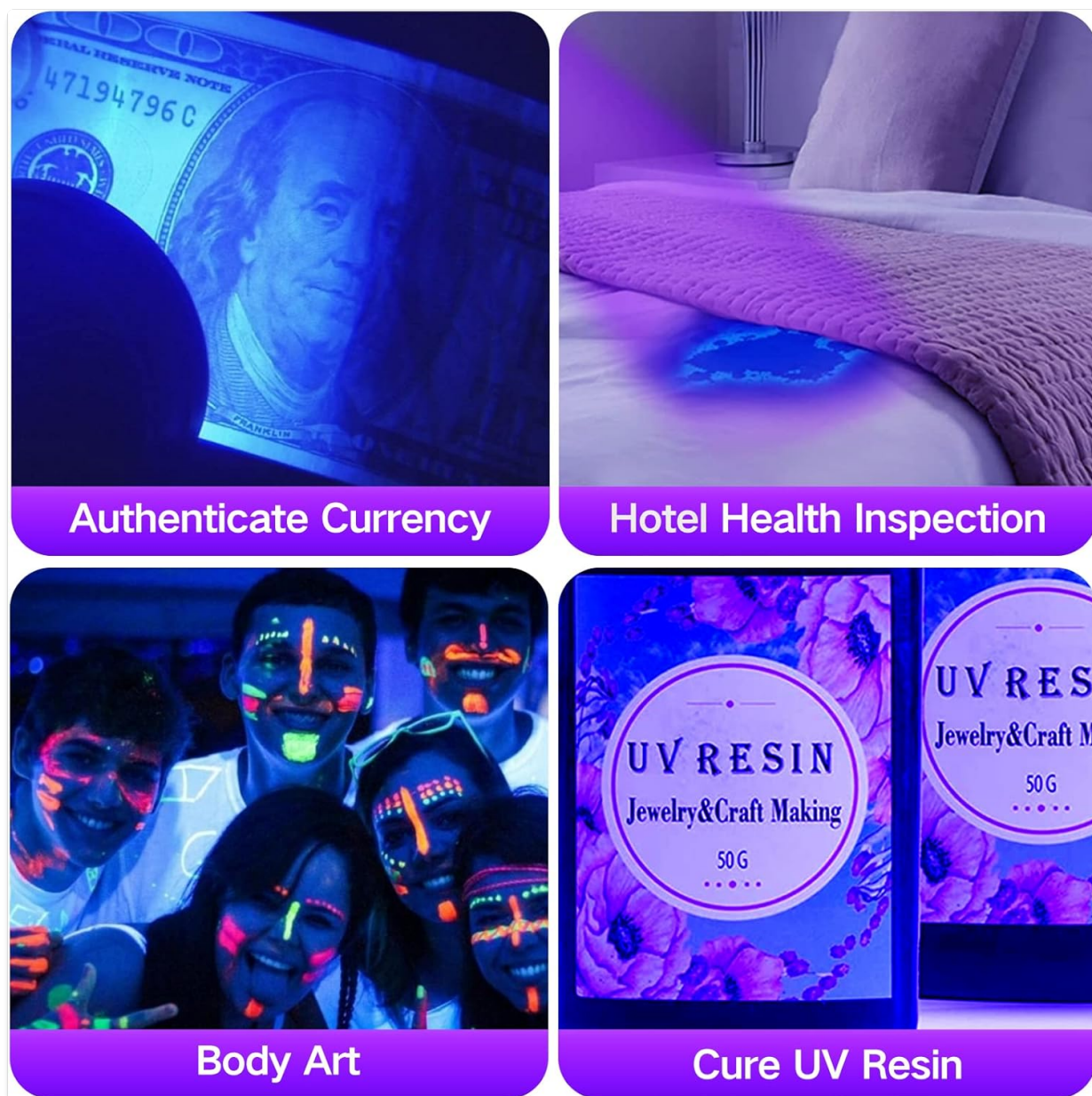
Figure 7: Various applications including currency authentication, hotel inspection, body art, and UV resin curing.

MAINTENANCE

To ensure the longevity and optimal performance of your Vansky UV Flashlight, follow these maintenance guidelines:

- **Cleaning:** Wipe the flashlight body with a soft, dry cloth. Do not use abrasive cleaners or immerse the flashlight in water.
- **Battery Care:** Remove batteries if the flashlight will not be used for an extended period to prevent battery leakage and corrosion.
- **Storage:** Store the flashlight in a cool, dry place away from direct sunlight and extreme temperatures.

TROUBLESHOOTING

If you encounter issues with your Vansky UV Flashlight, try the following troubleshooting steps:

- **Flashlight not turning on:**
  - Check if the batteries are inserted correctly with the correct polarity.

- Ensure the back cover is fully tightened. A loose connection can prevent operation.
- Replace with fresh batteries.

- **Dim light output:**

  - Batteries may be low. Replace them with new ones.
  - Ensure the lens is clean and free from dirt or smudges.

SPECIFICATIONS

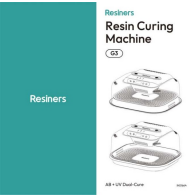| Feature	Detail
Manufacturer	Vansky
Part Number	VS-FL03-V
Item Weight	1.76 ounces
Product Dimensions	5.9 x 2.16 x 2.16 inches
Item Model Number	UV flashlight
Batteries Required	3 AA batteries (not included)
Material	Aluminum
Power Source	Battery Powered
Voltage	4.5 Volts
Wattage	5 watts
Type of Bulb	UV Light Black Light 395nm
Special Features	Pet Urine Detection, Spot Hard-to-find Scorpions, Cure UV Resin, Bathroom/Hotel Cleanliness Inspection
Usage	Pet Urine Detection, Spot Hard-to-find Scorpions, Cure UV Resin, Bathroom/Hotel Cleanliness Inspection, Find Bed Bug, Find Tomato Hornworms, Leak Detection, ID/Currency Verification, Uranium Glass Inspection, For Luminescence of Luminous Material, Cat Ringworm Detection, Cure Nail Polish

WARRANTY

The Vansky UV Flashlight Black Light comes with a 1-year manufacturer's warranty. Please retain your proof of purchase for any warranty claims.

SUPPORT

For further assistance, product information, or to explore other Vansky products, please visit the official Vansky store:

Related Documents - UV flashlight

	[Vansky UV Flashlight User Manual](#) User manual for the Vansky UV Flashlight, detailing product features, usage tips, battery precautions, warranty information, and contact details.
	[Vansky 365nm UV Flashlight User Manual (Model S5C)](#) Comprehensive user manual for the Vansky 365nm UV Flashlight, model S5C. Details product features, operation tips, battery precautions, package contents, warranty, and contact information.
	[Vansky LN21LD07 Smart RGB LED Strip User Manual](#) Comprehensive user manual for the Vansky LN21LD07 Smart RGB LED Strip. Learn about product features, specifications, installation, remote control functions, and important attention points for this versatile LED lighting solution.
	[Alonefire SV003 UV Flashlight User Manual](#) User manual for the Alonefire SV003 UV Flashlight, detailing package contents, battery installation, usage instructions, and charging procedures.
	[Resiners Resin Curing Machine G3 User Manual and Guide](#) Comprehensive guide to the Resiners Resin Curing Machine G3, covering setup, operation modes, safety precautions, and technical specifications for resin art and 3D printing.