Vansky D08AUV

Vansky 100 LED UV Blacklight Flashlight

Model: D08AUV

Brand: Vansky

1. INTRODUCTION

The Vansky 100 LED UV Blacklight Flashlight (Model D08AUV) is a versatile ultraviolet light device designed for various detection tasks. It emits a 395nm UV wavelength, making invisible stains, pests, and certain materials visible. This manual provides essential information for the safe and effective use of your UV flashlight.

Image 1.1: The Vansky 100 LED UV Blacklight Flashlight and its retail packaging.

2. Safety Information

- **Eye Protection:** Avoid direct exposure of UV light to eyes. Prolonged exposure can be harmful. It is recommended to wear UV protective glasses during extended use.
- **Skin Exposure:** Minimize direct skin exposure to UV light.
- **Battery Safety:** Use only the specified battery type (6xAA Alkaline). Do not mix old and new batteries, or different types of batteries. Insert batteries with correct polarity. Remove batteries if the flashlight will not be used for an extended period.
- **Children:** Keep out of reach of children. This is not a toy.
- **Water Resistance:** The flashlight has an IP44 water resistance rating, meaning it is protected against splashing water from any direction. It is not designed for submersion.

3. Package Contents

Verify that all items are present in your package:

- Vansky 100 LED UV Light Flashlight (x1)

- Battery Holder (x2)
- Lanyard (x1)

4. SETUP

4.1 Battery Installation

The Vansky UV flashlight requires 6 AA alkaline batteries (not included) for operation. Follow these steps to install the batteries:

1. Unscrew the tail cap of the flashlight.

2. Insert 3 AA batteries into each of the two provided battery holders, ensuring correct polarity (positive and negative ends align with the markings).

3. Place the loaded battery holders into the flashlight body. Ensure the arrow on the battery holder points towards the inside of the flashlight.

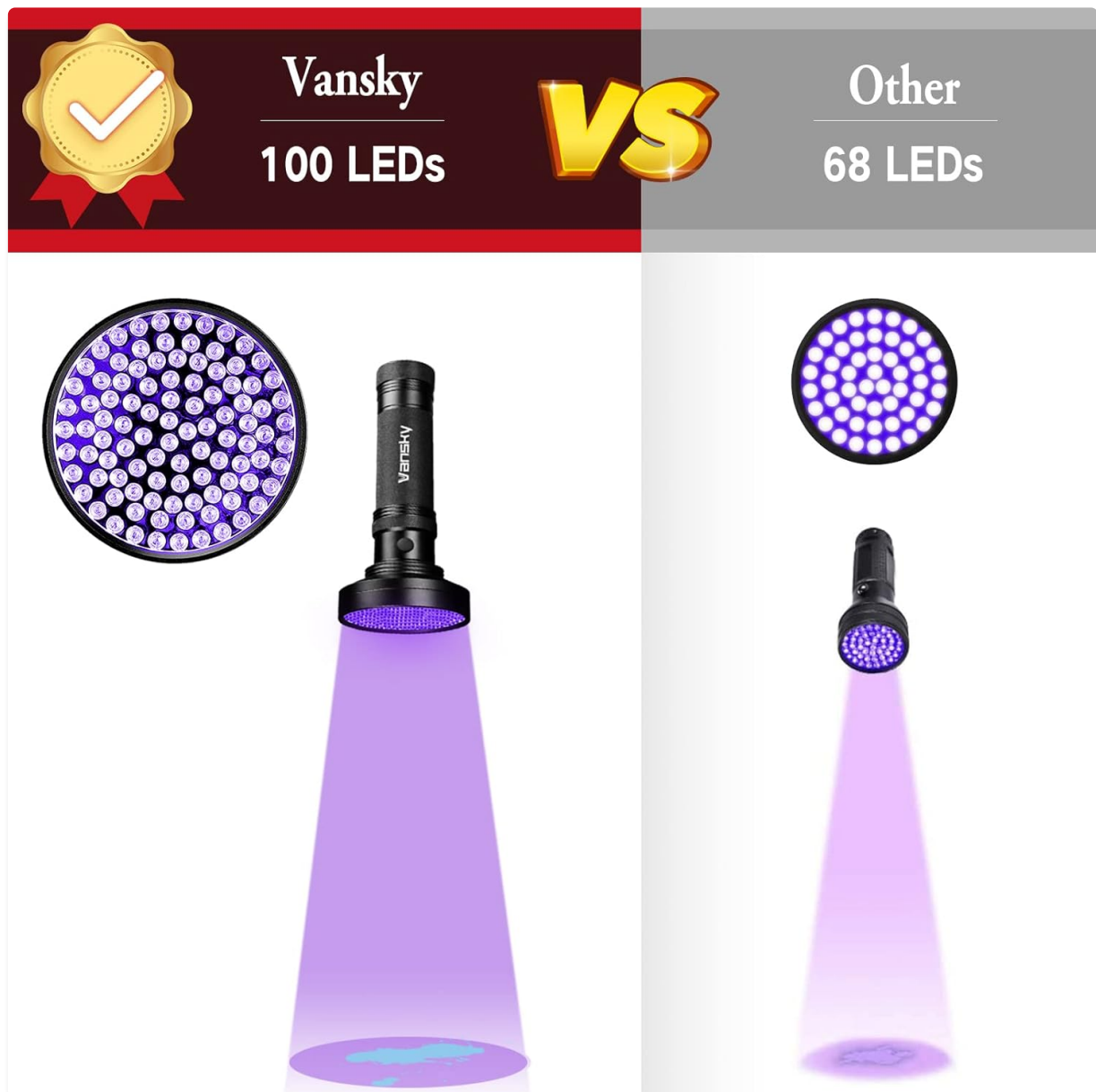4. Screw the tail cap back on securely.

Image 4.1: Visual guide for battery installation, showing components, battery insertion into holders, and securing the tail cap.

5. Operating Instructions

5.1 Basic Operation

To turn the flashlight on or off, press the power button located on the tail cap. For optimal detection results, use the flashlight in a dark or dimly lit environment.

5.2 Applications

The Vansky UV Blacklight Flashlight can be used for a variety of detection purposes:

- **Pet Urine and Dry Stain Detection:** Effectively reveals dried pet urine, food stains, and other invisible organic residues on carpets, rugs, furniture, and floors. *Note: Does not detect wet stains.*

Image 5.1: Using the UV flashlight to detect pet stains on a carpet.

- **Hotel and Home Cleanliness Inspection:** Inspect hotel rooms, bathrooms, and other areas for hidden dirt, stains, or unsanitary conditions.

Image 5.2: Inspecting a hotel room for cleanliness using the UV flashlight.

- **Scorpion Detection:** Scorpions fluoresce under UV light, making them easier to spot in dark environments.

Image 5.3: A scorpion glowing under UV light for easy detection.

- **Currency and ID Verification:** Authenticate banknotes, driver's licenses, passports, and other official documents that incorporate UV security features.

- **Leak Detection:** Detect engine oil leaks or other fluid leaks when a UV additive is present.

- **Mineral and Gemstone Inspection:** Observe fluorescence in certain minerals and gemstones.

- **Pest Control:** Identify tomato hornworms in gardens or bed bugs in mattresses and furniture.

- **Fluorescent Whitening Agent Detection:** Check for fluorescent whitening agents in clothing or cosmetics.

Image 5.4: Various multipurpose applications of the UV flashlight.

6. MAINTENANCE

6.1 Cleaning

Wipe the flashlight body with a soft, damp cloth. Do not use abrasive cleaners or solvents. Keep the lens free of dust and debris for optimal light output.

6.2 Battery Care and Replacement

Replace all 6 AA batteries when the light output becomes dim. Always replace with a fresh set of alkaline batteries. Remove batteries if the flashlight is not used regularly to prevent leakage and damage.

6.3 Storage

Store the flashlight in a cool, dry place away from direct sunlight and extreme temperatures. Remove batteries before long-term storage.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Flashlight does not turn on.	Dead or incorrectly installed batteries.	Check battery polarity. Replace with new batteries.
Light is dim.	Low battery power.	Replace all batteries with a fresh set.
Intermittent operation.	Loose tail cap or battery connection.	Ensure tail cap is tightened. Check battery holders for secure fit.

8. SPECIFICATIONS

Feature	Detail
Model	D08AUV
LED Count	100 LEDs
UV Wavelength	395 nm
Power Source	6 x AA Alkaline Batteries (not included)
Material	Aluminum
Water Resistance	IP44 (Splash-proof)
Dimensions	3.31 x 3.39 x 8.27 inches (approx.)
Item Weight	10.5 ounces (approx.)

Product Details

IPX 4

6*AA batteries
(Not Included)

iPhone 13

7.67 in

Tighten the cover

Please follow the arrows on the battery tube

3.14 in

Image 8.1: Product details including dimensions and IPX4 rating.

9. WARRANTY AND SUPPORT

Vansky products are designed for quality and reliability. For warranty information, technical support, or any inquiries regarding your Vansky 100 LED UV Blacklight Flashlight, please refer to the contact information provided with your purchase or visit the official Vansky website. Keep your purchase receipt as proof of purchase for warranty claims.

Related Documents - D08AUV

[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.