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Vansky D09UV

Vansky 12 LED 395nm Blacklight Flashlight Instruction Manual

Model: D09UV

Introduction

The Vansky 12 LED 395nm Blacklight Flashlight is a versatile tool designed to reveal substances invisible to the naked eye. Utilizing 12 high-intensity 395nm UV LED beads, it is effective for detecting dried pet urine stains, identifying scorpions, verifying currency, curing UV resin, and inspecting cleanliness in various environments. This manual provides detailed instructions for safe and effective use of your blacklight flashlight.

Safety Information

- **Eye Safety:** Do not shine the UV light directly into eyes. Prolonged exposure can be harmful.
- **Skin Exposure:** Avoid shining the UV light on skin for prolonged periods.
- **Optimal Environment:** The flashlight works best in completely dark environments. The darker the surroundings, the more pronounced the fluorescence will be.
- **Battery Storage:** For long-term storage, remove all batteries to prevent corrosion.
- **Battery Installation:** Ensure correct polarity (+/-) when inserting batteries into the holder and the holder into the flashlight. Incorrect installation may prevent the flashlight from functioning.

Package Contents

Your Vansky 12 LED 395nm Blacklight Flashlight package includes:

- 1 x Vansky 395nm 12 LED UV Light Flashlight
- 3 x AAA Standard Alkaline Batteries
- 1 x Battery Holder
- 1 x Lanyard

Setup: Battery Installation

Follow these steps to install the batteries and prepare your flashlight for use:

1. Unscrew the tail cap of the flashlight to access the battery compartment.
2. Insert three AAA batteries into the provided battery holder, ensuring the negative (-) pole of each battery faces the spring in the holder.
3. Place the loaded battery holder 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 tightly. The flashlight is now ready for operation.



Image: Step-by-step guide for installing AAA batteries into the Vansky blacklight flashlight, showing the battery holder and correct polarity.

Operating Instructions

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

1. Pet Urine Detection

The Vansky blacklight flashlight is highly effective for locating dried pet urine stains on carpets, rugs, and upholstery. These stains contain phosphors that glow under UV light.

- Ensure the area is completely dark for best visibility.
- Scan the suspected area slowly with the UV light. Dried urine stains will fluoresce with a distinct yellowish-green glow.
- **Note:** This flashlight detects **dried** urine. Wet urine or fresh liquid stains will not fluoresce effectively. Allow stains to dry completely before inspection.



Image: Comparison showing how the Vansky blacklight flashlight illuminates dried pet urine stains with a bright glow, while wet urine is less visible.



Image: A person using the Vansky blacklight flashlight to scan a carpet for pet stains, with a dog observing nearby.

Video: Official Vansky demonstration of the 395nm 12 LED Black Light UV Flashlight, showcasing its effectiveness in detecting pet urine stains.

Video: A user demonstrating how the Vansky blacklight flashlight effectively reveals pet and other hidden stains on various surfaces.

2. General Cleaning and Hotel Inspection

Use the blacklight to identify hidden grime, food residues, or uncleaned spots in kitchens, bathrooms, and hotel rooms. This helps ensure thorough cleaning and hygiene.

- Before moving into new rentals or checking into hotels, use the flashlight to inspect hygiene blind spots like bedding, toilets, and sinks.
- In your home, reveal hidden dirt in hard-to-reach areas for a deeper clean.



Image: A bathroom scene illuminated by the Vansky blacklight, revealing hidden stains and residues on surfaces, highlighting its use as a cleaning helper.

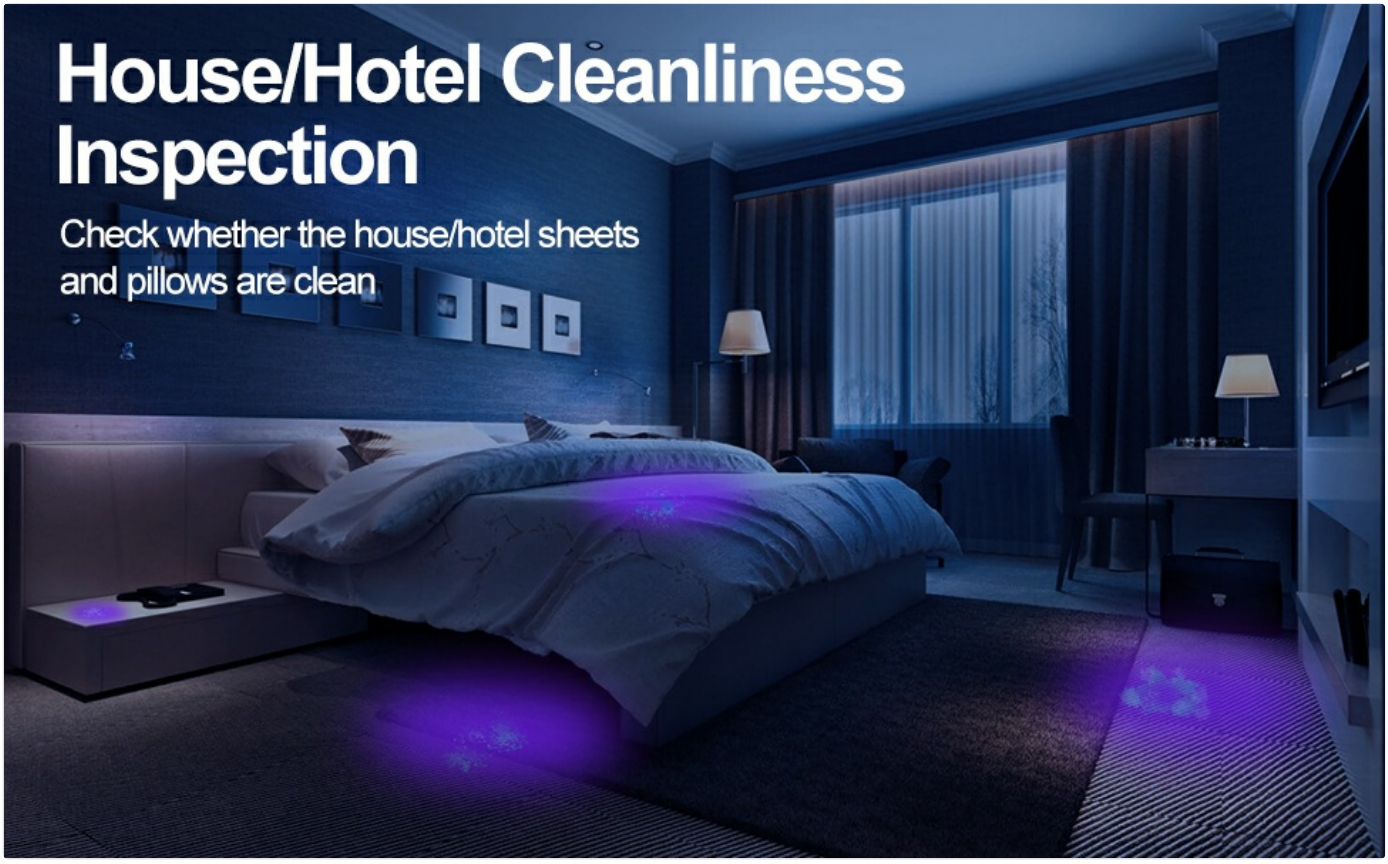


Image: A hotel room bed and floor illuminated by UV light, demonstrating its use for inspecting cleanliness in hospitality settings.

3. Scorpion Finding

Scorpions glow brightly under UV light, making them easy to spot in dark environments.

- Use the flashlight during camping, outdoor adventures, or around your home at night to locate scorpions.

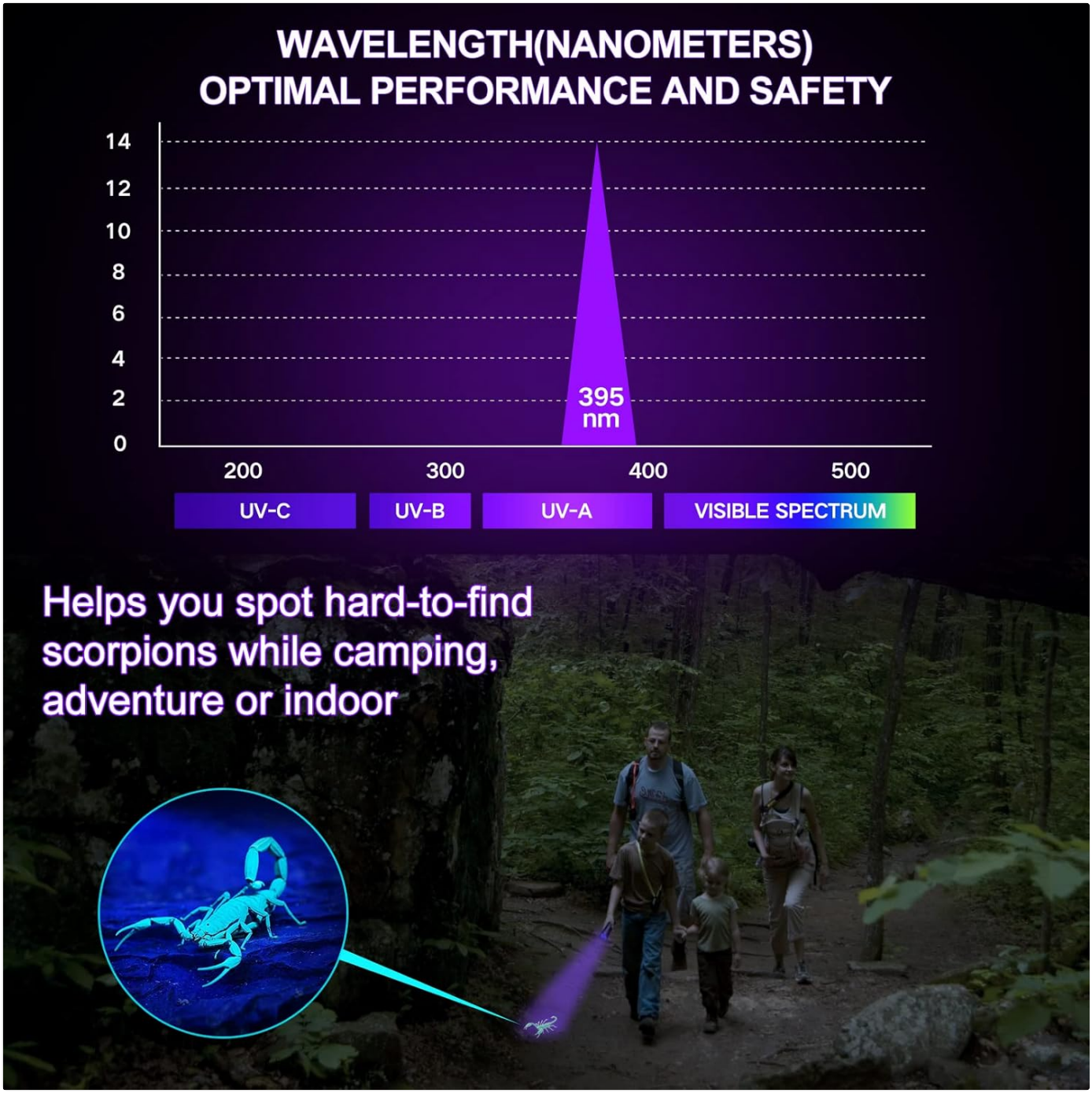


Image: A scorpion glowing brightly under the Vansky blacklight in a natural outdoor setting, demonstrating its use for detection.

Video: A user demonstrating the Vansky blacklight flashlight's effectiveness in locating scorpions in a dark environment.

4. Other Applications

The Vansky blacklight flashlight has numerous other practical uses:

- **Cure UV Resin/Glue:** Accelerate the curing process of UV-sensitive resins and glues.
- **ID/Currency Verification:** Reveal security features on banknotes, passports, and other official documents.
- **Find Tomato Hornworms:** Locate these pests on plants, as they fluoresce under UV light.
- **Leak Detection:** Detect automotive or HVAC leaks when used with UV dye.
- **Uranium Glass Inspection:** Identify authentic uranium glass, which glows green under UV light.
- **Luminescence of Luminous Material:** Charge glow-in-the-dark items or inspect luminescent materials.

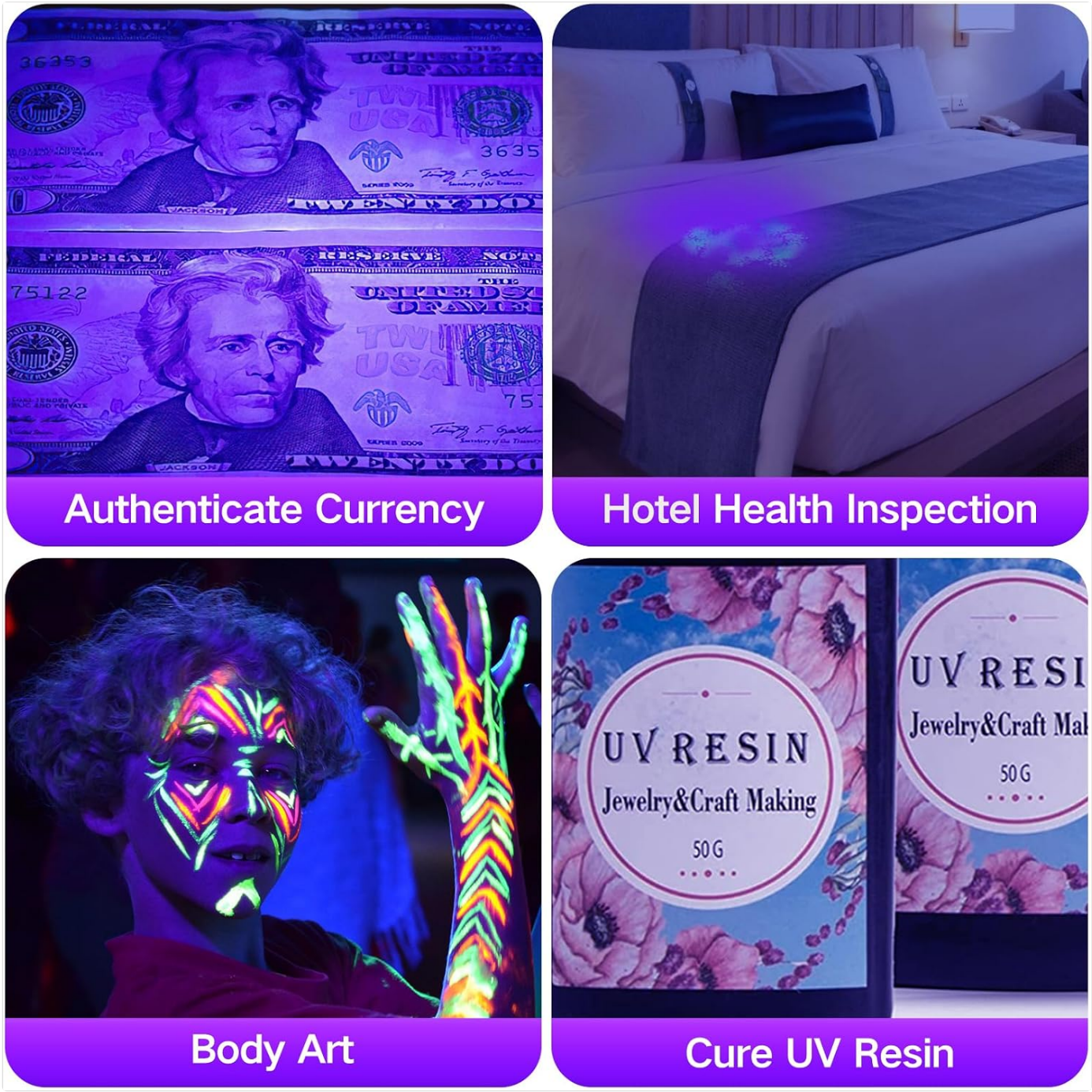


Image: A collage demonstrating multiple uses of the Vansky blacklight, including authenticating currency, hotel health inspection, body art, and curing UV resin.

Maintenance

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

Troubleshooting

Flashlight Does Not Turn On

- Check battery orientation: Ensure AAA batteries are inserted correctly into the battery holder with the correct polarity (+/-).

- Check battery holder orientation: Verify the battery holder is inserted into the flashlight body with the arrow pointing inwards.
- Replace batteries: If batteries are old or depleted, replace them with new ones.
- Tighten connections: Ensure the tail cap is screwed on tightly.

Cannot Detect Pet Urine Stains

- **Dry Stains Only:** The UV light is designed to detect **dried** pet urine. Fresh or wet urine will not fluoresce effectively. Allow stains to dry completely.
- **Dark Environment:** Ensure the inspection area is as dark as possible. Ambient light significantly reduces visibility of fluorescence.
- **Carpet Material:** Some dark-colored carpets or those with optical brighteners may reflect UV light differently, making stains harder to see.
- **Cat Urine Variation:** In rare cases, cat urine with very low phosphorus content (due to diet) may not fluoresce as strongly.

Specifications

Feature	Detail
Model Number	D09UV
Manufacturer	Vansky
Light Source	12 UV LED (395nm wavelength)
Power Source	3 x AAA Standard Alkaline Batteries (Included)
Material	Aerospace-grade Aluminum
Color	Black
Dimensions	1.08 x 1.2 x 3.74 inches
Item Weight	1.76 ounces
Average Battery Life	100,000 hours (LED lifespan)



Image: Detailed diagram showing the dimensions and key features of the Vansky 12 LED Blacklight Flashlight, including battery type and IPX4 rating.

Support

For any questions, technical assistance, or support regarding your Vansky 12 LED 395nm Blacklight Flashlight, please contact our customer service team:

Email: support@vanskytek.com

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