



UV Flashlight

USER MANUAL

395nm UV LED



395nm
UV LED



5W
Power



Long Life
10000hrs+



Water Resistant
IPX4

Model No.: D61UV
Made in China

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Product Overview



Battery Safety

- Do not mix old and new batteries. Do not mix different battery types or brands.
- Insert batteries according to the polarity markings.
- Do not heat, burn, crush, puncture, or throw batteries into fire or water.
- Remove the batteries if the flashlight will not be used for an extended period **to prevent battery leakage and prolong product life.**

Safety Information & Warnings

- Avoid looking directly into the UV LEDs.
- Keep away from children. This product is not a toy.
- When prolonged or dose-range UV inspection is required, use appropriate UV-rated eye protection and avoid looking directly into the LEDs.
- Do not point the UV light at people or animals.
- Do not disassemble, modify, or attempt to repair the flashlight.

Important Notice

- The flashlight may become warm during use, especially during prolonged operation. This is normal and does not indicate a product quality issue. If it becomes hot, turn it off and allow it to cool before using it again.
- If you notice any other abnormal condition, such as an unusual odor, discoloration, battery leakage, or swelling, stop using the flashlight immediately.

How to Test If the Flashlight Is Working

- Enter a dark room.
- Shine the UV light on a known fluorescent item, such as a yellow or green highlighter mark.
- A fluorescent material should produce a visible glow.

Tips for Best Results

- Use the flashlight in a dark environment.
- Turn off nearby lights and close curtains or blinds when possible.
- Allow your eyes to adjust to the dark for several minutes.
- Hold the flashlight approximately 6-12 in (10-30 cm) from the surface.
- Scan slowly and use overlapping passes.
- Try scanning from a low angle rather than directly above the surface.
- For daylight use, reduce surrounding light as much as possible and move the flashlight closer to the surface.

Normal Results

- White paper towels, and some white fabrics may glow blue-white due to optical brighteners. This is normal and not necessarily a urine stain.
- The visible purple light from a 395nm UV flashlight is primarily UV leakage/visible violet light, not fluorescence.
- Fluorescence is produced when a material absorbs UV energy and emits visible light, and the glow disappears when the UV source is removed.

Pet Urine Detection Notes

- This UV flashlight can help locate many dried pet stains, but results vary depending on the stain and surface.
- **Dried urine glows significantly better than fresh, wet urine.** Fresh urine puddles may NOT produce visible fluorescence until completely dried due to moisture quenching.
- Cat urine can be harder to detect. **It is often sprayed in small spots, on vertical surfaces, or soaked deep into fabric.** Check seams, corners, baseboards, furniture edges, curtains, and mattress edges.
- Dog urine may cover larger areas and can be easier to see when dry.
- Pet diet, health, medications, hydration, stain age, and cleaning history can affect glow.
- Detergents and cleaning products may glow blue-white and hide or mimic pet stains.
- Not every stain will be visible. Use in a dark environment and scan slowly.

Troubleshooting

Problem	Possible Solution
Flashlight does not turn on	Check the Battery Caddy arrow direction and battery polarity.
Weak UV output	Replace with fresh batteries.
Known fluorescent material does not glow	Check battery condition and try in a darker environment.
known fluorescent items glow but a stain does not	The issue may be stain age, surface, cleaning history, or urine type .
White material glow blue-white	This may be caused by optical brightness and does not necessarily indicate a stain.
Still not working	Contact Vansky customer support.
Water resistance	IPX4 rated: protected against water splashes from any direction. Do not immerse or rinse under running water.



WARNING - UV LEDS

DO NOT SHOOT EYES DIRECTLY



DO NOT SHINE ON SKIN FOR PROLONGED PERIODS!

Disclaimer

This product is a detection aid and does not guarantee that every stain or substance will be visible.

Detection results may vary depending on:

- Surface material
- Other surfaces on the area
- Stain concentration
- Item type
- Stain age
- Ambient lighting

This product does not replace professional cleaning, inspection, or veterinary advice.

Contact Us

For product questions, problems, or comments, Please contact us through Amazon messaging or email at:

✉ support@vanskytek.com

Please include your Amazon order ID when contacting us so we can assist you more efficiently.

Our support team aims to respond within 24 hours.

Warranty

At Vansky, we stand behind the quality of our products.

This product is backed by a 45-Day Money Back Guarantee and 1-Year Hassle-Free Guarantee.

If you experience any problem with our product, please contact us for assistance.



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