uvBeast UVB-V3-365

uvBeast V3 365nm Black Light UV Flashlight Instruction Manual

Introduction

The uvBeast V3 365nm Black Light UV Flashlight is engineered for professional-grade ultraviolet illumination. This device delivers high-intensity, long-range 365nm UV light, optimized with a specialized filter to block unwanted visible light, ensuring pure UV output. It is designed for various applications requiring precise UV detection and fluorescence.



The uvBeast V3 365nm Black Light UV Flashlight, a high-power ultraviolet device.

Setup

Battery Installation and Charging

The uvBeast V3 operates on 18650 Lithium Ion batteries. The flashlight is supplied with two 18650 batteries and an extension segment, allowing for an optional third battery to extend runtime. A USB charging cable and power adapter are included for recharging the batteries.

1. Unscrew the tail cap of the flashlight.
2. Insert the 18650 Lithium Ion batteries with the positive (+) end facing towards the flashlight head. Ensure correct polarity.
3. Screw the tail cap back on securely.
4. To charge the batteries, use the provided USB charging cable and power adapter with the included charger. Insert the batteries into the charger and connect it to a power source.

5. For extended runtime, attach the extension segment between the main body and the tail cap, then insert a third 18650 battery.



The uvBeast V3 flashlight, showing its components including the battery compartment and charger.



The uvBeast V3 flashlight, illustrating the option to add an extension for a third battery.

Operating Instructions

Basic Operation

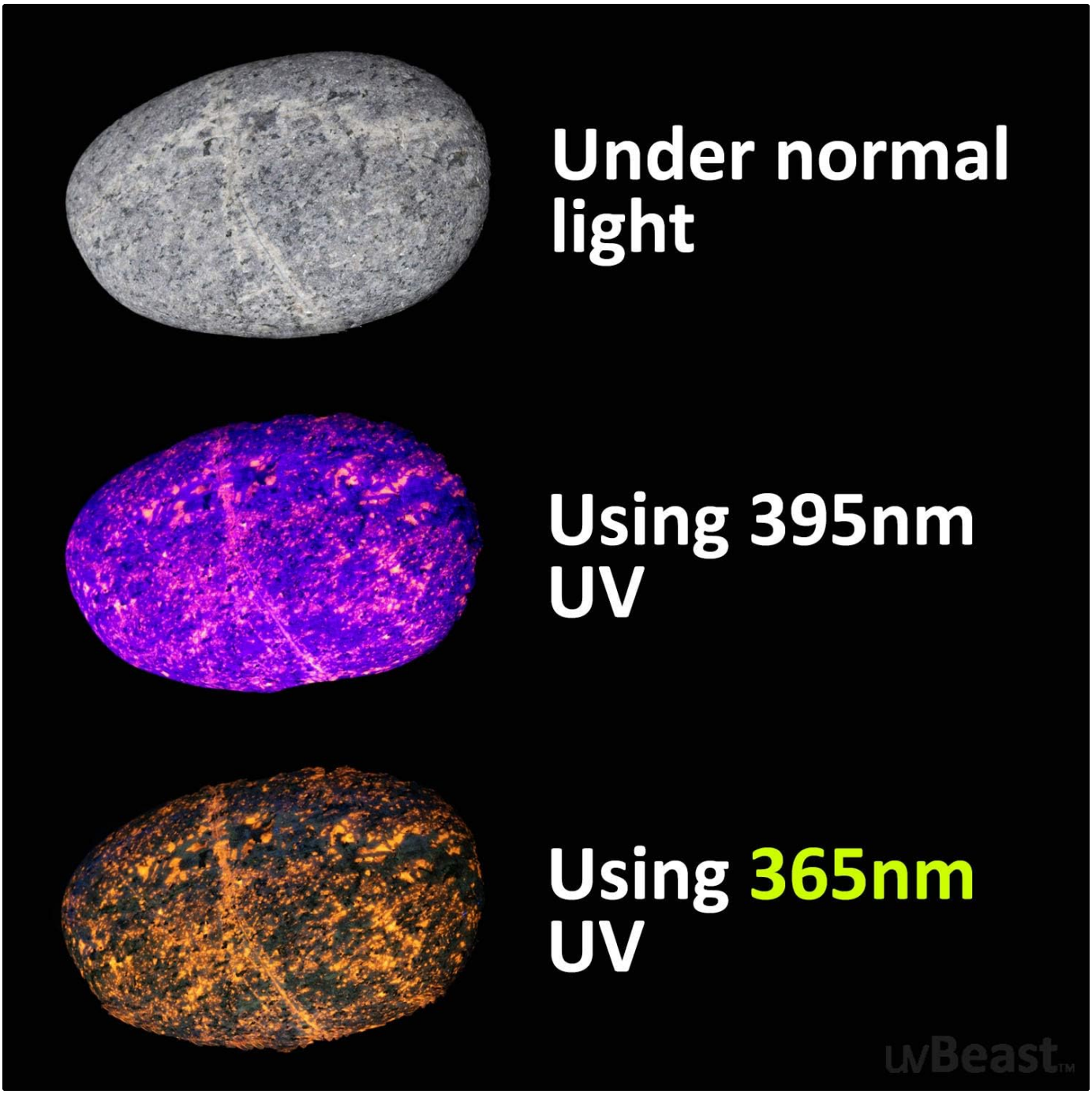
To operate the uvBeast V3, simply press the button located on the tail cap to turn the flashlight on or off. The device is designed for immediate use upon proper battery installation.

Applications and Usage Tips

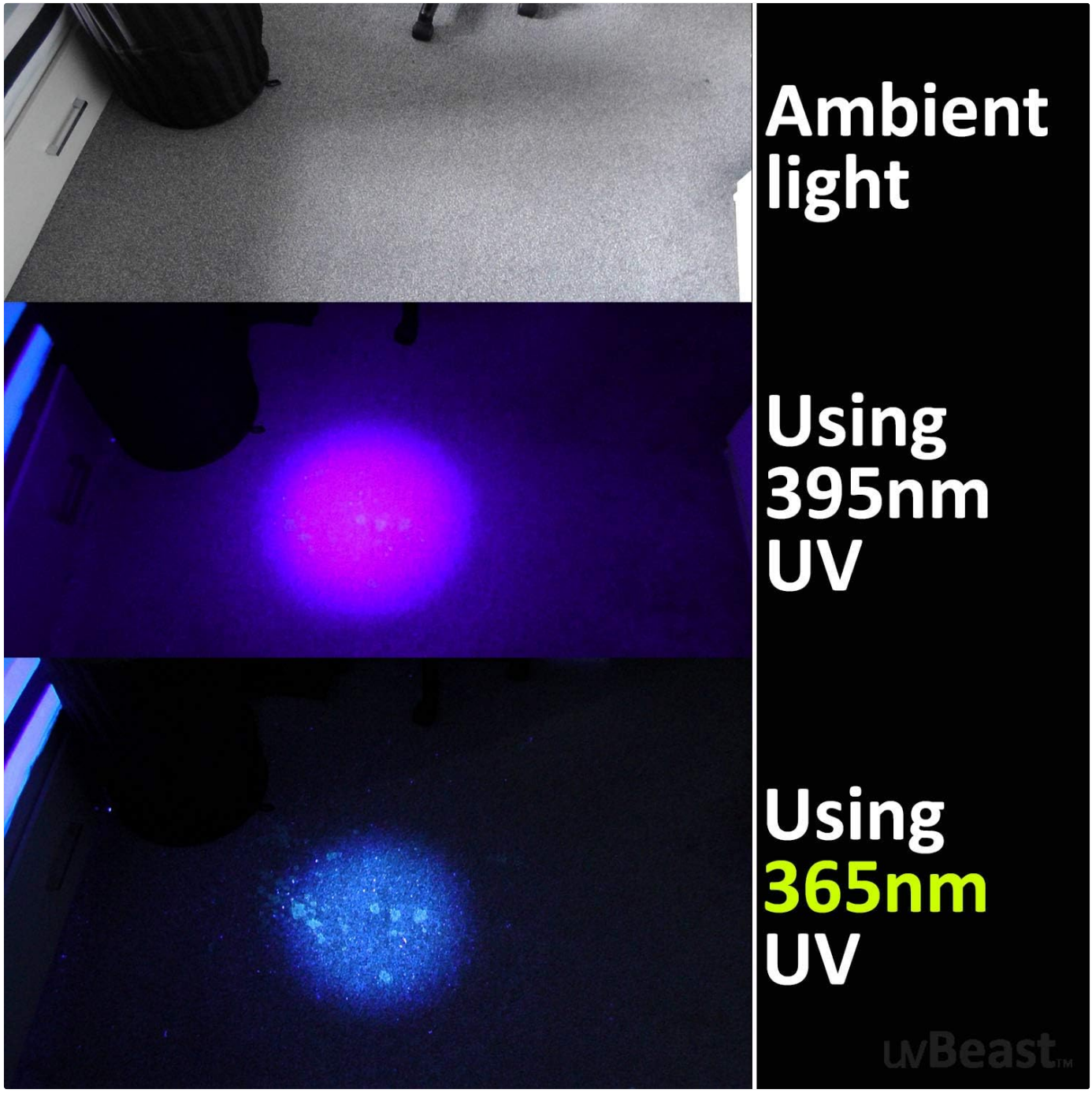
The 365nm wavelength of the uvBeast V3 is ideal for a wide range of professional and commercial applications due to its ability to cause strong fluorescence with minimal visible light interference. This results in clearer and more defined reactions compared to higher wavelengths like 395nm.

- **Pet Stain Detection:** Effectively reveals hidden pet urine and other biological stains on carpets, upholstery, and hard surfaces.
- **Mineral and Gemstone Inspection:** Identifies fluorescent minerals and gemstones, enhancing their natural glow.
- **Currency and Document Verification:** Detects security features in banknotes, passports, and other official documents.

- **Forensic Applications:** Assists in crime scene investigation by revealing bodily fluids and other evidence.
- **Industrial Leak Detection:** Used with fluorescent dyes to pinpoint leaks in HVAC systems, automotive engines, and industrial machinery.
- **Outdoor Use:** Its long-range capability (up to 60 feet) makes it suitable for outdoor inspections, such as scorpion hunting or identifying fluorescent organisms.



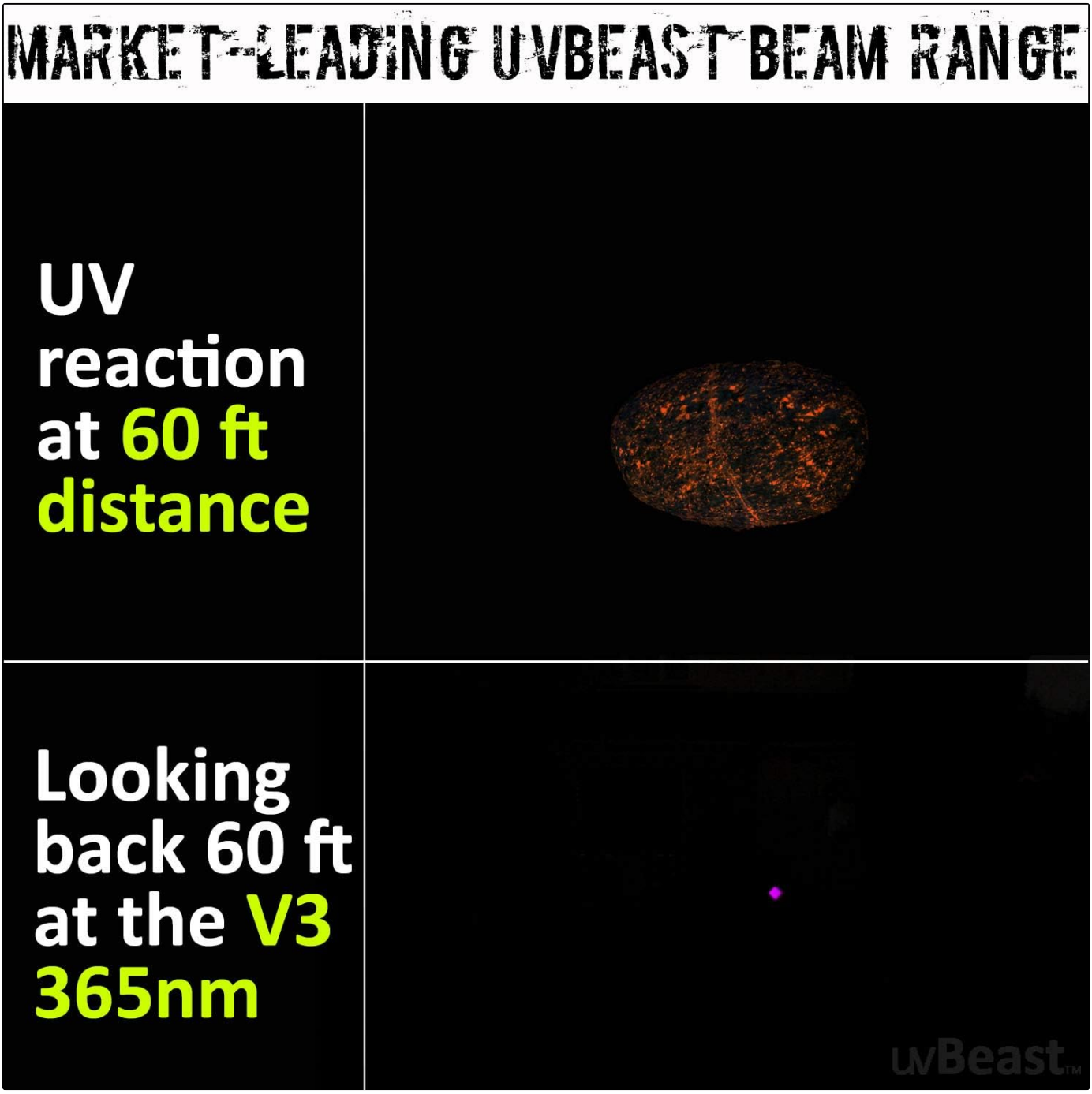
Visual comparison of a rock under normal light, 395nm UV, and 365nm UV, demonstrating the superior clarity of 365nm.



Visual comparison of a carpet under ambient light, 395nm UV, and 365nm UV, highlighting the effectiveness of 365nm for stain detection.



A close-up view of the uvBeast V3 flashlight head, showcasing its high-performance UV filter designed to block visible light.



Demonstration of the uvBeast V3's long-range capability, showing UV reaction at 60 feet distance.

Maintenance

Care and Storage

- **Cleaning:** Wipe the flashlight body with a soft, damp cloth. Do not use abrasive cleaners or solvents. Keep the lens clean for optimal performance.
- **Water Resistance:** The uvBeast V3 is water-resistant. Avoid submerging it in water. Ensure all seals and caps are tightly closed to maintain water resistance.
- **Battery Care:** Store batteries in a cool, dry place when not in use. If the flashlight will not be used for an extended period, remove the batteries to prevent leakage. Recharge batteries regularly to maintain their lifespan.
- **Storage:** Store the flashlight in a dry environment, away from extreme temperatures and direct sunlight.

Troubleshooting

Common Issues

- **Flashlight Not Turning On:**
  - Check if the batteries are correctly inserted with the proper polarity.
  - Ensure the batteries are fully charged.
  - Verify that the tail cap is screwed on tightly.
- **Dim Light Output:**
  - The batteries may be low on charge. Recharge them.
  - Clean the flashlight lens if it appears dirty or smudged.
- **Flashlight Gets Warm During Use:**
  - It is normal for high-output LED flashlights to generate heat during extended use. If it becomes uncomfortably hot, turn it off and allow it to cool down.

Specifications

Feature	Detail
Model Number	UVB-V3-365
Wavelength	365nm (Ultraviolet)
Light Source Type	TRIPLE 365nm LED
UV Radiant Intensity	5400 uW/cm2 (3 x 1800 uW/cm2)
Light Path Distance	60 feet+
Power Source	Lithium Ion Batteries (18650 type)
Number of Batteries	2 (included), expandable to 3 with extension
Battery Life	Approximately 4 hours (continuous use with 2 batteries)
Material	Black Anodized Aerospace-grade Aluminum
Water Resistance Level	Water Resistant
Item Weight	377 g
Included Components	UV Flashlight, USB Charging Cable, Power Adapter



A spectral graph illustrating the precise 365nm beam with minimal visible light leakage, indicating professional-grade quality.

Warranty Information

The uvBeast V3 365nm Black Light UV Flashlight comes with a**1-year manufacturer's warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for any warranty claims.

Customer Support

For any questions, technical assistance, or warranty inquiries regarding your uvBeast V3 365nm Black Light UV Flashlight, please contact uvBeast customer support. Refer to the product packaging or the official uvBeast website for contact details.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question