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DARKBEAM A200-3in1 x1

DARKBEAM UV 365nm Flashlight Instruction Manual

Model: A200-3in1 x1

Brand: DARKBEAM

1. INTRODUCTION

This manual provides comprehensive instructions for the DARKBEAM UV 365nm Flashlight, Model A200-3in1 x1. This versatile device combines a bright white LED light, a 365nm ultraviolet (UV) light, and COB white and red lights, making it suitable for various applications from general illumination to specialized detection tasks.



Figure 1: The DARKBEAM A200-3in1 Flashlight and its accessories.

2. WHAT'S IN THE Box

Upon unboxing, please ensure all components are present:

- 1 x DARKBEAM UV 365nm Flashlight (Model: A200-3in1 x1)
- 1 x Rechargeable Lithium Ion Battery (pre-installed)
- 1 x USB Charging Cable

3. PRODUCT FEATURES

The DARKBEAM A200-3in1 Flashlight is designed with multiple functionalities to enhance its utility:

- **Super Bright Beam:** Combines LED bright white light, UV 365nm light, and COB white & red light.
- **Upgraded 365nm Invisible Light:** Provides a dedicated detection spectrum for fluorescent agents, security codes, pet urine, and stains.

- **7 Light Modes:** Includes 100% White, 50% White, Strobe White, UV 365nm, COB White, COB Red, and COB White/Red Flash.
- **One-click Shutdown:** Press the power button for 2 seconds to turn off the flashlight from any mode.
- **Focus Adjustable:** Smooth focusing design allows adjustment of the beam range from wide to narrow.
- **Strong Magnetic Suction:** Magnetic base provides hands-free operation.
- **Portable Design:** Comes with a clip and small size for easy pocket carry.
- **IPX4 Waterproof:** Ensures reliable performance even in rainy conditions.
- **USB Rechargeable:** Equipped with a rechargeable battery, offering up to 15 hours of continuous use in low power lighting and fully charging in approximately 3 hours.

3 IN 1 FLASHLIGHT

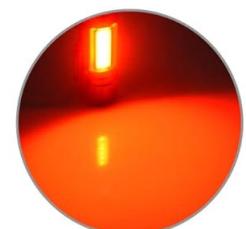
Black light white light and COB light
meet all your different needs



uv light



white light



cob light



Figure 2: Overview of the 3-in-1 light functions.

Press the switch Lightly to change
7 lighting modes



Figure 3: Detailed illustration of the 7 lighting modes and smart switch function.

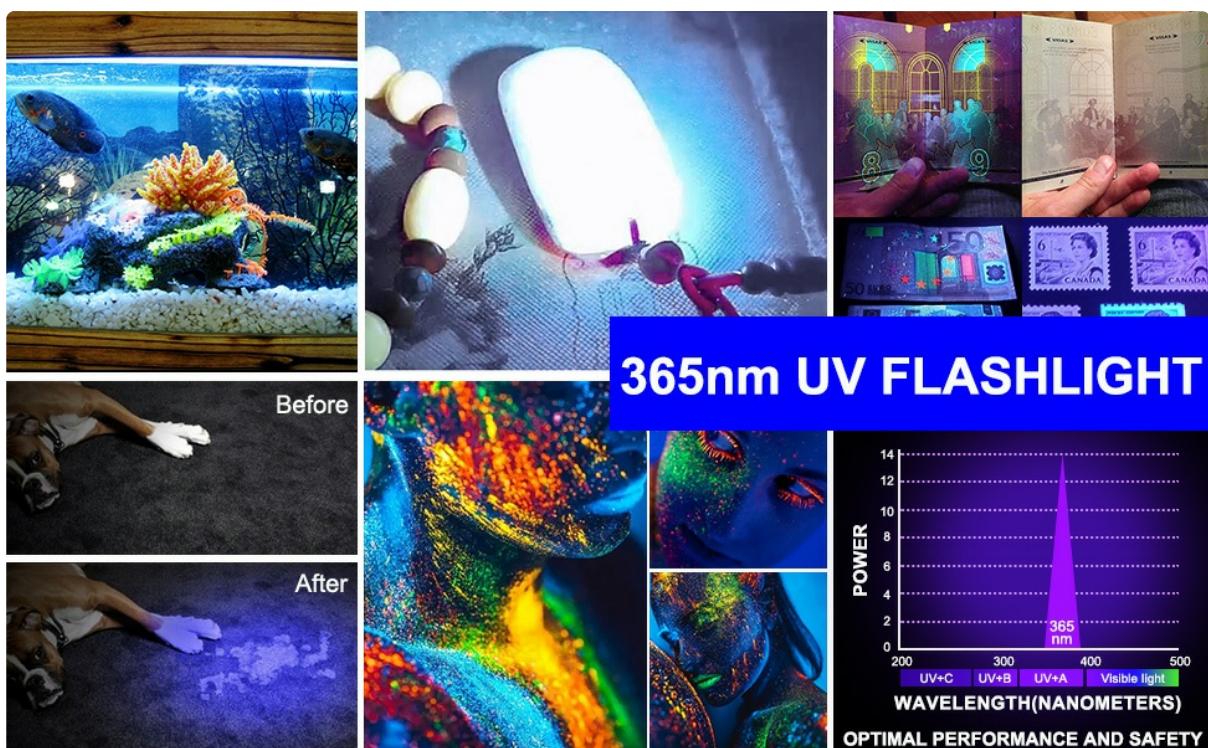


Figure 4: Adjustable focus for various lighting needs.

Magnetic&COB sidelight



Figure 5: Magnetic base and COB sidelight in use.

4. SETUP

The flashlight comes with a pre-installed rechargeable battery. Before first use, it is recommended to fully charge the device.

4.1 Charging the Flashlight

1. Locate the USB charging port on the flashlight.
2. Connect the provided USB charging cable to the flashlight's port.
3. Connect the other end of the USB cable to a compatible USB power source (e.g., wall adapter, computer USB port, power bank).
4. The indicator light will show charging status (refer to product for specific light behavior). A full charge typically takes about 3 hours.



Figure 6: USB charging cable connection.

5. OPERATING INSTRUCTIONS

The flashlight features a smart switch for easy operation and mode selection.

5.1 Power On/Off and Mode Cycling

- **To Power On:** Press the power button once. The flashlight will turn on in the last used mode.
- **To Cycle Modes:** Briefly press the power button repeatedly to cycle through the 7 available lighting modes: 100% White, 50% White, Strobe White, UV 365nm, COB White, COB Red, and COB White/Red Flash.
- **To Power Off:** Press and hold the power button for 2 seconds from any mode. This allows for quick shutdown without cycling through all modes.

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Video 1: Demonstration of the 7 lighting modes and one-click shutdown feature.

5.2 Adjustable Focus

To adjust the beam from a wide floodlight to a narrow spotlight, simply push and pull the lens of the

flashlight. This feature is useful for illuminating large areas or focusing on distant objects.



Figure 7: Adjusting the flashlight's focus.

5.3 Using the UV 365nm Light

The 365nm UV light is ideal for detecting fluorescent materials that are often invisible under normal light. This includes:

- Pet urine and stains on carpets or upholstery.
- Fluorescent agents in various materials.
- Authenticating currency and security codes.
- Detecting scorpions or certain minerals.
- Curing UV resin.

WARNING: DO NOT STARE DIRECTLY AT THE UV LIGHT WITHOUT PROTECTION. Prolonged exposure can be harmful to eye health.

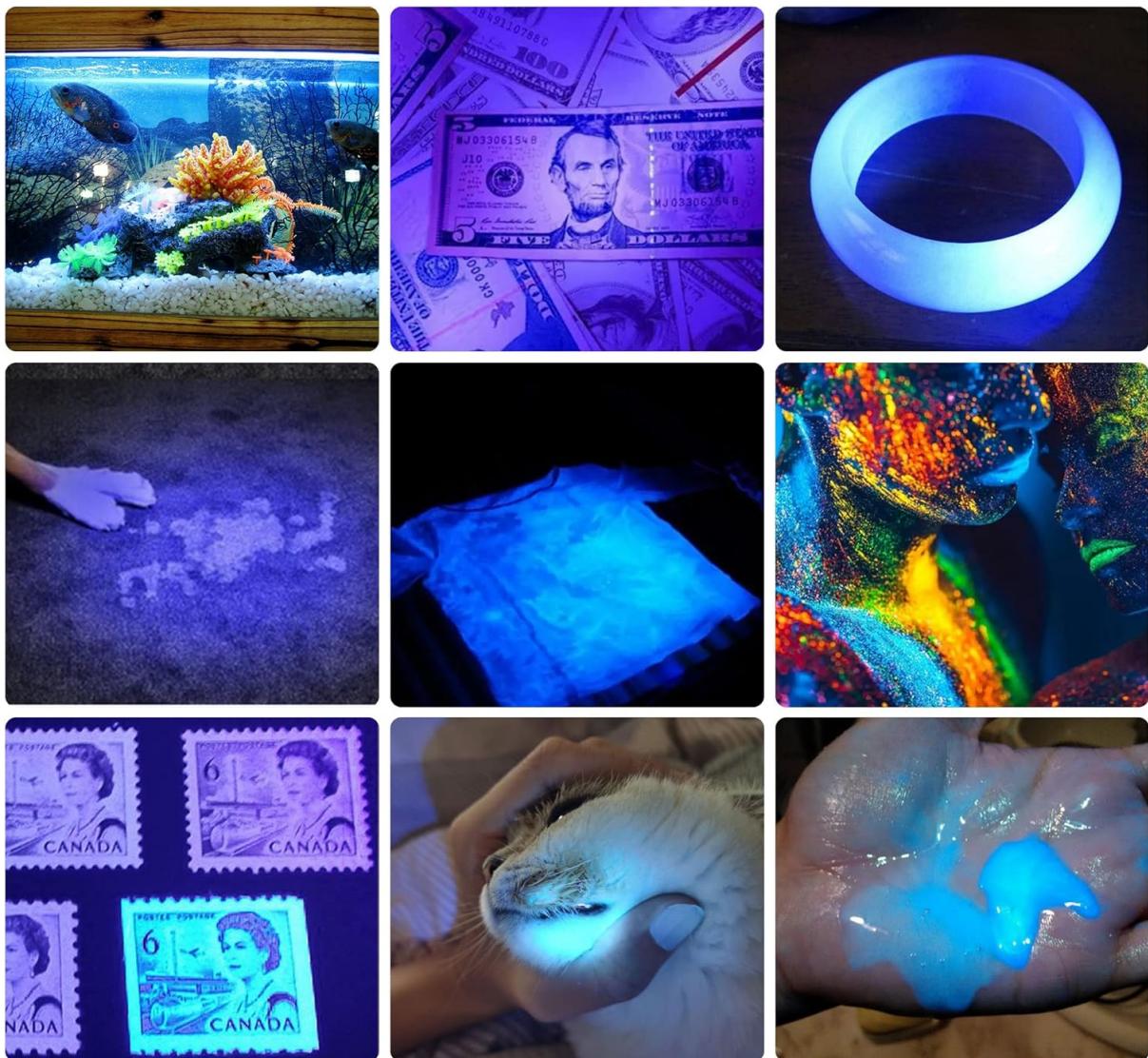


Figure 8: Applications of the 365nm UV light.

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Video 2: Demonstration of UV light for mineral detection.

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Video 3: Explanation of how the A200 Serial Flashlight's UV 365nm light works.

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Video 4: Further demonstration of UV 365nm flashlight capabilities.

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Video 5: UV light demonstration for ore detection.

6. MAINTENANCE

6.1 Cleaning

To clean the flashlight, wipe it with a soft, damp cloth. Do not use abrasive cleaners or solvents, as they may damage the finish or internal components. Ensure the charging port cover is securely closed before cleaning or exposure to water.

6.2 Battery Care

The flashlight uses a rechargeable Lithium Ion battery. For optimal battery life:

- Charge the battery fully before first use.
- Avoid completely draining the battery before recharging.
- Store the flashlight in a cool, dry place when not in use for extended periods.



Figure 9: The flashlight is IPX4 waterproof.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Flashlight does not turn on.	Battery is depleted or not properly installed.	Charge the battery fully. Ensure the battery is correctly inserted with the correct polarity.
Light output is dim.	Low battery charge.	Recharge the flashlight.

Problem	Possible Cause	Solution
Cannot cycle through modes.	Button malfunction or low battery.	Ensure the button is not stuck. Recharge the flashlight. If the issue persists, contact customer support.
UV light appears weak.	365nm UV is less visible than 395nm UV. Ambient light interference.	The 365nm UV light is designed for specific detection and is inherently less bright to the human eye than 395nm. Use in darker environments for best results.

8. SPECIFICATIONS

Feature	Detail
Brand	DARKBEAM
Model Number	A200-3in1 x1
Light Source Type	LED
Material	Aluminum
Color	White+UV+Red Light - 1 PACK
White Brightness	1200 Lumens
Light Path Distance	660 Feet
Power Source	Battery Powered
Battery Type	Rechargeable Lithium Ion
Runtime (low power)	Up to 15 hours
Charging Time	Approx. 3 hours
Water Resistance Level	IPX4 Waterproof
Item Weight	7 ounces
Package Dimensions	6.14 x 1.81 x 1.73 inches

9. SAFETY INFORMATION

- **UV Light Safety:** Avoid direct eye exposure to the UV light. Do not stare into the UV beam without appropriate eye protection.

- **Battery Safety:** Use only the specified rechargeable battery. Do not attempt to disassemble or modify the battery. Dispose of batteries according to local regulations.
- **General Use:** Keep out of reach of children. Do not shine the light directly into anyone's eyes.

10. WARRANTY AND SUPPORT

For warranty information, technical support, or any inquiries regarding your DARKBEAM UV 365nm Flashlight, please contact DARKBEAM customer service. Refer to your purchase documentation or the official DARKBEAM website for contact details.

We are committed to providing effective solutions and a trouble-free shopping experience.

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