

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

› [NICRON](#) /

› [NICRON B71 UV LED Flashlight User Manual](#)

NICRON B71UV

NICRON B71 UV LED Flashlight User Manual

Model: B71UV

1. INTRODUCTION

Thank you for choosing the NICRON B71 UV LED Flashlight. This versatile and durable flashlight is designed for various applications, offering both powerful white light and a specialized UV light function. Its compact design, 90-degree adjustable head, and magnetic base make it an indispensable tool for professionals and enthusiasts alike. Please read this manual carefully before use to ensure proper operation and maintenance.



Image: The NICRON B71 UV LED Flashlight, showcasing its unique 90-degree adjustable head and compact form factor. The head can pivot to direct light precisely where needed.



Image: A hand holding the NICRON B71 flashlight, providing a real-world perspective on its compact and portable size, suitable for easy handling and carrying.

2. PACKAGE CONTENTS

Please check the package for the following items:

- NICRON B71 UV LED Flashlight
- USB Type-C Charging Cable
- Instruction Manual / Warranty Card
- Built-in 18650 Lithium-Ion Rechargeable Battery (2600mAh)



Image: An illustration highlighting the key features of the B71 flashlight, including its dual white and UV light capabilities, adjustable head, integrated clip, and magnetic base. It also indicates the 1000 lumen white light output and 395nm UV light wavelength.

3. SETUP AND CHARGING

3.1 Initial Charge

Before first use, fully charge the flashlight. The B71 comes with a built-in rechargeable lithium-ion battery.

1. Locate the USB Type-C charging port on the flashlight.
2. Connect the provided USB Type-C cable to the flashlight.
3. Connect the other end of the USB cable to a compatible USB power source (e.g., computer, wall adapter).
4. The indicator light will show charging status (refer to the flashlight's specific indicator behavior, usually red for charging, green for full).
5. Charging time may vary depending on the power source.



Image: Visual representation of the USB Type-C charging feature, emphasizing its convenience and reversible connector design.

4. OPERATION

4.1 Power On/Off and Brightness Adjustment

The flashlight features multiple brightness modes and a UV light function.

- **Power Button:** Press the power button to cycle through brightness modes: Max (1000lm) → High (500lm) → Medium (80lm) → Low (10lm) → Off.
- **UV Light:** Press and hold the power button to activate the UV light. Press and hold again to turn off the UV light.
- **Strobe/SOS Mode:** Rapidly press the power button three times to activate Strobe mode. Press again for SOS mode. (Note: Some product descriptions may vary on activation; refer to actual product behavior if different).

4.2 Adjustable Head and Magnetic Base

The B71 features a 90-degree adjustable head and a strong magnetic base for versatile lighting options.

- **Head Adjustment:** Gently pivot the flashlight head up to 90 degrees to direct the beam as needed.
- **Magnetic Base:** The strong magnet at the tail cap allows you to attach the flashlight to metal surfaces for hands-free operation.
- **Pocket Clip:** The integrated clip allows for secure attachment to pockets, belts, or gear.

90度ツイスト懐中電灯



Max mode



High mode



Med mode



Low mode



Strobe



SOS



UV Light

90°回転

B71UV	Max	High	Med	Low
ルーメン数 白色光	1000Lm	500Lm	80Lm	10Lm
稼働時間 白色光	7h	11h	40h	100h
ビーム距離 白色光	100m			

Image: This diagram illustrates the various lighting modes available on the B71 flashlight, including white light brightness levels and UV light. It also provides a table detailing the lumen output, corresponding runtime, and beam distance for each white light mode, along with a visual of the 90-degree rotating head.



Image: A visual demonstration of the flashlight's dual functionality, showing a broad area illuminated by its powerful white light and a specific example of its UV light capability highlighting a scorpion.

5. MAINTENANCE

5.1 Cleaning

To maintain optimal performance, keep the flashlight clean.

- Wipe the body with a soft, damp cloth.
- Do not use abrasive cleaners or solvents.
- Clean the lens gently with a lens cloth to avoid scratches.

5.2 Storage

When not in use for extended periods, store the flashlight in a cool, dry place. It is recommended to charge the battery every 3-6 months to prolong its lifespan.

5.3 Water and Dust Resistance

The B71 flashlight is rated IP65 for water and dust resistance. This means it is protected against dust ingress and low-pressure water jets from any direction. It is not designed for submersion.



Image: The flashlight shown in a simulated rainy environment, visually confirming its IP65 rating for protection against water and dust.

6. SPECIFICATIONS

Feature	Detail
Model	B71UV
Light Source	Samsung LED (White Light), UV LED (395nm)
Max Output (White Light)	1000 Lumens
Beam Distance	Up to 100 meters

Feature	Detail
Max Light Intensity	2500 cd
Runtime (White Light)	Max: 7h, High: 11h, Med: 40h, Low: 100h
Battery Type	18650 Lithium-Ion (2600mAh, built-in)
Charging Port	USB Type-C
Water/Dust Resistance	IP65
Drop Resistance	1 meter
Dimensions	1.8 x 1.8 x 6.9 cm (approx.)
Weight	200 g (approx.)
Body Material	Hardened Aluminum

ANSI FL1 STANDARD

明るさ 1,000 ルーメン	点灯 可能時間 7時間	明るさ 500 ルーメン	点灯 可能時間 11時間	明るさ 80 ルーメン	点灯 可能時間 40時間	明るさ 10 ルーメン	点灯 可能時間 100時間
----------------------	-------------------	--------------------	--------------------	-------------------	--------------------	-------------------	---------------------

100メートル 最大照射距離	2500 cd 最大光強度	1メートル 落下試験	IP65 防塵防水
-------------------	------------------	---------------	--------------

Image: A detailed chart outlining the flashlight's performance metrics according to ANSI FL1 standards, including brightness levels, battery life, beam distance, light intensity, drop resistance, and IP65 water/dust resistance.

商品サイズ



Image: A size comparison of the B71 flashlight next to an iPhone 11, providing a clear sense of its compact dimensions. Key components such as the lens, power button, 360-degree rotating clip, anti-slip handle, strong magnet, and USB Type-C port are labeled.

7. TROUBLESHOOTING

If you encounter issues with your NICRON B71 flashlight, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Flashlight does not turn on.	Low battery or battery not charged.	Charge the flashlight fully using the provided USB Type-C cable.
Light output is dim.	Low battery.	Recharge the battery.
UV light not working.	Incorrect activation method.	Ensure you are pressing and holding the power button to activate UV mode.

Problem	Possible Cause	Solution
Charging indicator not lighting up.	Cable or power source issue; flashlight already fully charged.	Try a different USB cable or power source. Check if the flashlight is already fully charged.

If the problem persists after trying these solutions, please contact customer support.

8. WARRANTY AND SUPPORT

The NICRON B71 UV LED Flashlight comes with a **1-year warranty** from the date of purchase. This warranty covers manufacturing defects and material flaws under normal use.

The warranty does not cover:

- Damage caused by misuse, abuse, or improper operation.
- Damage caused by unauthorized repair or modification.
- Normal wear and tear.
- Damage due to battery leakage or improper battery installation (if applicable).

For warranty claims or technical support, please contact your retailer or NICRON customer service with your proof of purchase.