

NICRON N8F

NICRON N8F 800 Lumen Zoomable LED Flashlight User Manual

Model: N8F | Brand: NICRON

1. INTRODUCTION

Thank you for choosing the NICRON N8F 800 Lumen Zoomable LED Flashlight. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your device. Please read it thoroughly before use and retain it for future reference.

The NICRON N8F is a versatile and durable flashlight designed for various outdoor activities and general utility. It features 5 lighting modes, adjustable focus, a rechargeable battery, and IP65 water and dust resistance.

2. SAFETY INSTRUCTIONS

- **Eye Safety:** Do not shine the flashlight directly into eyes. The high intensity beam can cause temporary vision impairment or permanent eye damage.
- **Battery Safety:** Use only the specified rechargeable Lithium-Ion battery. Do not attempt to disassemble, puncture, or short-circuit the battery. Keep batteries away from fire or extreme heat.
- **Heat:** The flashlight head may become warm during prolonged use, especially on high brightness settings. Handle with care.
- **Children:** Keep the flashlight and its components out of reach of children to prevent accidents or misuse.
- **Disassembly:** Do not attempt to disassemble the flashlight beyond routine maintenance. This may void the warranty and cause damage.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- NICRON N8F Flashlight
- Rechargeable Lithium-Ion Battery (pre-installed or separate)
- Micro-USB Charging Cable

- Tail Rope (Lanyard)
- Spare Waterproof Rubber O-ring
- User Manual (this document)
- Warranty Card

SUPER BRIGHT FLASHLIGHT

800
LUMENS

24h

90m

2000cd

1.0m

IP65

MODE	High	Med	Low	Strobe	SOS
LUMENS	800	200	70	500	500
RUN TIME	4H	9H	24H	-	-

Figure 3.1: Contents of the NICRON N8F Flashlight package.

4. PRODUCT OVERVIEW

The NICRON N8F flashlight is constructed from durable aluminum alloy and features a zoomable head for adjustable beam focus. Key components are illustrated below:

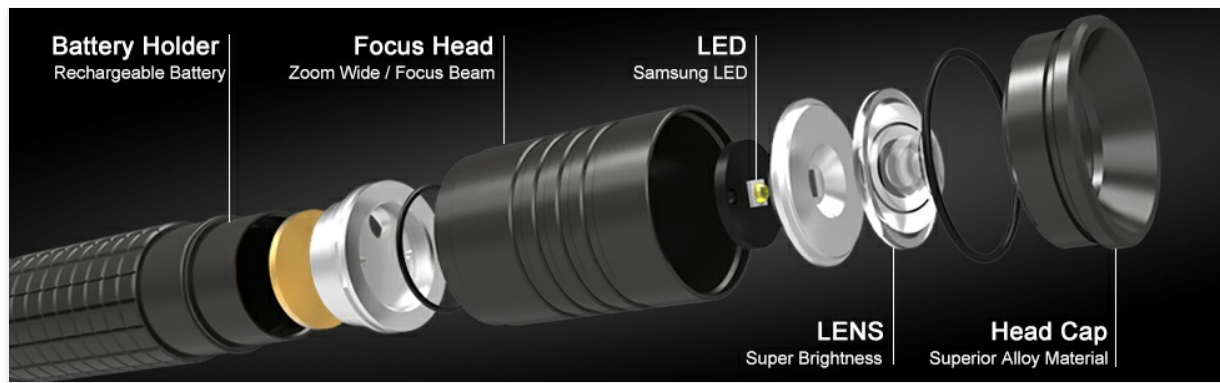


Figure 4.1: Exploded view of NICRON N8F Flashlight components.

- **Battery Holder:** Houses the rechargeable battery.
- **Focus Head:** Allows adjustment between wide flood and narrow spot beam.
- **LED:** High-performance Samsung LED light source.
- **Lens:** Designed for optimal light transmission and brightness.
- **Head Cap:** Protects the internal components and lens.



Figure 4.2: NICRON N8F Flashlight.

5. SETUP

5.1 Battery Installation

1. Unscrew the tail cap of the flashlight.
2. Insert the provided Lithium-Ion battery with the positive (+) end facing towards the flashlight head.
3. Screw the tail cap back on securely.

5.2 Initial Charging

Before first use, fully charge the battery.

1. Locate the Micro-USB charging port on the battery itself.
2. Connect the Micro-USB cable to the battery and the other end to a USB power source (e.g., computer, wall adapter).
3. The indicator light on the battery will show red during charging and turn green when fully charged.

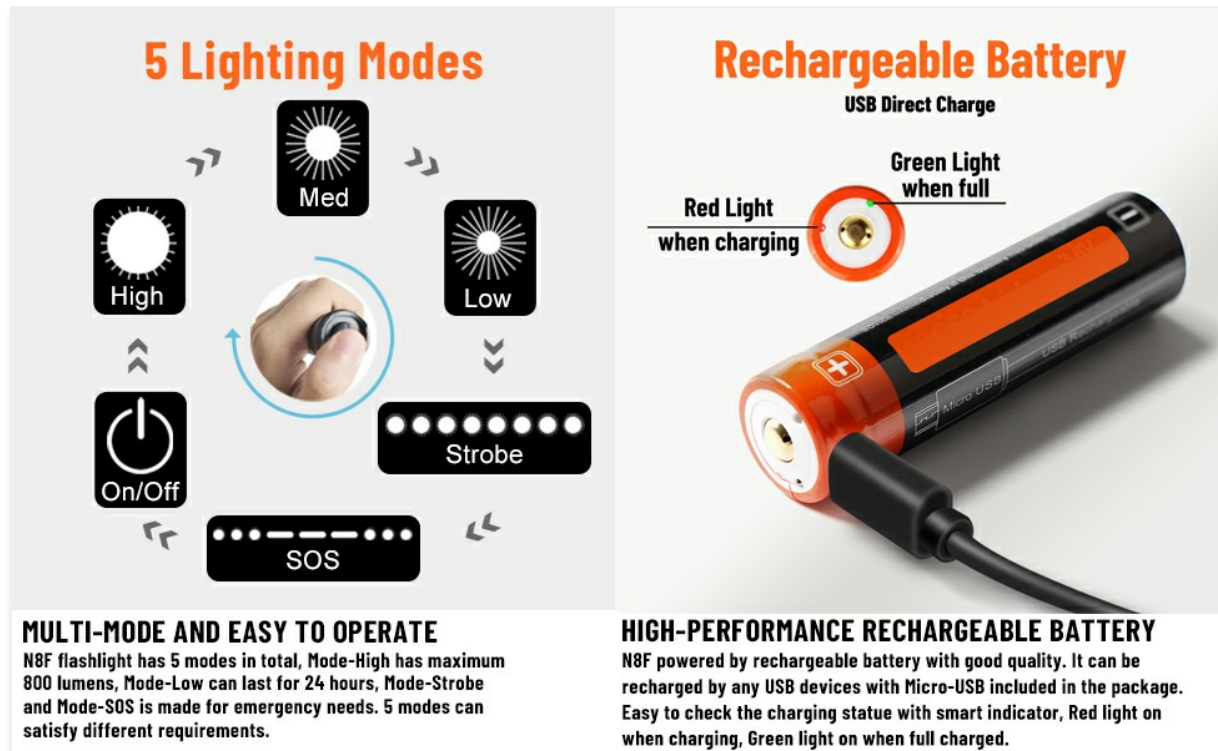


Figure 5.1: Battery charging indicator and lighting modes.

6. OPERATION

6.1 Power On/Off

To turn the flashlight **ON** or **OFF**, press the tail switch firmly until it clicks.

6.2 Switching Modes

The N8F flashlight features 5 lighting modes: High, Medium, Low, Strobe, and SOS.

- With the flashlight **ON**, gently half-press the tail switch (without clicking) to cycle through the modes in the order: High → Medium → Low → Strobe → SOS.
- Release the switch to select the desired mode.

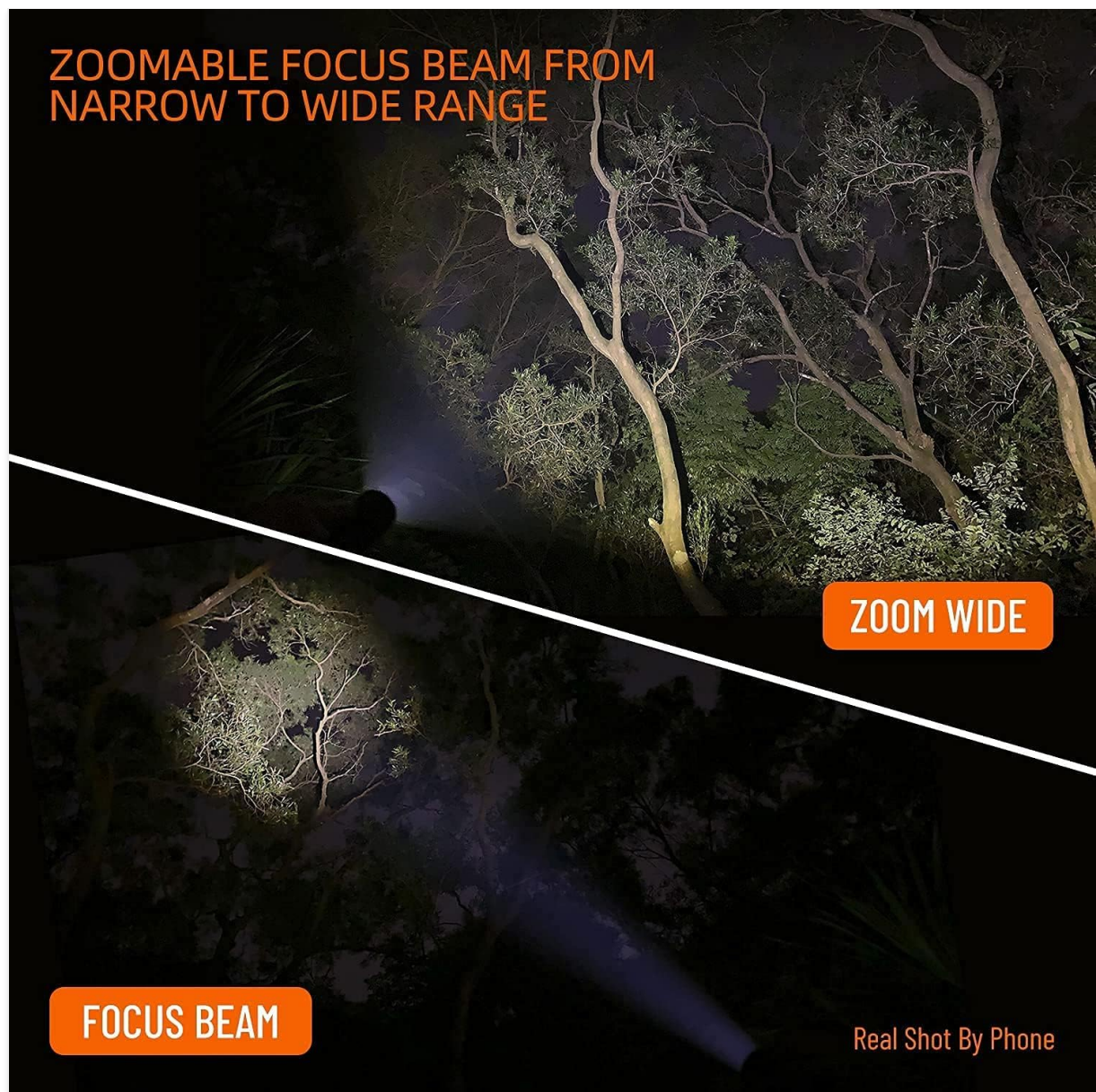


Figure 6.1: Visual representation of the 5 lighting modes.

6.3 Adjustable Focus (Zoom)

The N8F allows you to adjust the beam from a wide flood to a narrow spot:

- To adjust the focus, slide the head of the flashlight forward or backward.
- Sliding the head forward will narrow the beam for a longer throw (spotlight).
- Sliding the head backward will widen the beam for broader area illumination (floodlight).

IP65 WATER RESISTANT



Figure 6.2: Adjustable focus beam from narrow to wide.



Figure 6.3: Flashlight dimensions and focus adjustment mechanism.

7. MAINTENANCE

7.1 Cleaning

- Wipe the flashlight body with a clean, soft cloth.
- For the lens, use a lens cleaning cloth to avoid scratches.
- Do not use abrasive cleaners or solvents.

7.2 Battery Care

- Recharge the battery regularly, even if not in frequent use, to maintain its lifespan.
- Store the flashlight and battery in a cool, dry place.
- If storing for extended periods, remove the battery from the flashlight.

7.3 Water Resistance (IP65)

The N8F flashlight is rated IP65, meaning it is protected against dust ingress and low-pressure water jets from any direction. It is not designed for submersion.

- Ensure the tail cap is fully tightened to maintain water resistance.

- Regularly inspect the O-rings for wear and tear. Replace them with the provided spare O-ring if necessary.



Figure 7.1: NICRON N8F demonstrating IP65 water resistance.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Flashlight does not turn on.	Battery is depleted.	Charge the battery fully.
	Battery inserted incorrectly.	Ensure positive (+) end faces the head.
	Tail cap is loose.	Tighten the tail cap securely.
Light is dim or flickers.	Low battery charge.	Recharge the battery.
	Loose connections.	Ensure tail cap is tight and battery is seated correctly.
Cannot switch modes.	Tail switch not being half-pressed correctly.	Practice gently half-pressing the tail switch.

Problem	Possible Cause	Solution
Charging indicator not working.	Charging cable or USB source issue.	Try a different Micro-USB cable or USB power source.

9. SPECIFICATIONS



Figure 9.1: Key performance specifications and mode details.

Feature	Specification
Model	N8F
Brightness	Max 800 Lumens
Light Source	Samsung LED
Beam Distance	Max 90 meters (295.2 ft)
Luminous Intensity	2000cd
Modes	High, Medium, Low, Strobe, SOS
Run Time (Low)	Up to 24 hours
Battery Type	Rechargeable Lithium-Ion
Charging Port	Micro-USB (on battery)
Material	Aluminum Alloy
Water Resistance	IP65 (Dustproof, Water-resistant)
Impact Resistance	1 meter

Feature	Specification
Dimensions	Approx. 4.8"D x 1"W x 1"H (126mm x 23mm x 23mm)
Weight	Approx. 56 grams (1.98 ounces)

10. WARRANTY AND SUPPORT




10.1 Limited Warranty

NICRON provides a **two-year limited warranty** for the N8F flashlight from the date of purchase. This warranty covers manufacturing defects and workmanship under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or normal wear and tear. Please retain your proof of purchase for warranty claims.

10.2 Customer Support

For technical assistance, warranty claims, or any questions regarding your NICRON N8F flashlight, please refer to the contact information provided on your warranty card or visit the official NICRON website.

Related Documents - N8F

 <p>NICRON B75</p> <p>User Manual • Uživatelský manuál • Uživatelský manuál • Használati útmutató • Benutzerhandbuch</p>	<p>Nicon B75 LED Flashlight User Manual and Specifications</p> <p>Official user manual for the Nicon B75 LED flashlight. This guide provides detailed information on features, operation, maintenance, safety precautions, and technical specifications. Content is primarily in English, with references to Czech, Slovak, Hungarian, and German language sections.</p>
 <p>NICRON Rechargeable Twist Flashlight B70/B70 Plus</p> <p>User Manual • Uživatelský manuál • Uživatelský manuál • Használati útmutató • Benutzerhandbuch</p>	<p>NICRON B70/B70 Plus Rechargeable Twist Flashlight User Manual</p> <p>Comprehensive user manual for the NICRON B70/B70 Plus rechargeable twist flashlight, covering product features, operating instructions, technical specifications, and safety precautions.</p>
 <p>NICRON B75</p> <p>User Manual • Uživatelský manuál • Uživatelský manuál • Használati útmutató • Benutzerhandbuch</p>	<p>Nicon B75 LED Flashlight User Manual and Specifications</p> <p>Official user manual for the Nicon B75 LED flashlight. This guide provides detailed information on features, operation, maintenance, safety precautions, and technical specifications. Content is primarily in English, with references to Czech, Slovak, Hungarian, and German language sections.</p>

NICRON



Rechargeable Twist
Flashlight
B70/B70 Plus

Handbook • Operating manual •
Ulternedlig manual • Handleiding •
Gebruiksaanwijzing

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Comprehensive user manual for the NICRON B70/B70 Plus rechargeable twist flashlight, covering product features, operating instructions, technical specifications, and safety precautions.