

## NICRON B11 Pro

# NICRON B11 Pro 2000 Lumen Tactical Flashlight User Manual

Model: B11 Pro

## INTRODUCTION

The NICRON B11 Pro is a compact, high-brightness tactical flashlight designed for everyday carry and various outdoor activities. Featuring 2000 lumens, multiple lighting modes, and a durable, water-resistant design, it offers reliable illumination for diverse needs.



Image: NICRON B11 Pro Mini Tactical Flashlight highlighting its 2000 lumens output, 120 hours max runtime, 200-meter beam distance, and IPX7 waterproof rating.

## PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- NICRON B11 Pro Flashlight x 1
- Rechargeable 18350 Li-ion Battery x 1
- USB-C Charging Cable x 1
- Additional Extensive Tube x 1 (for 18650 battery compatibility)
- User Manual x 1

Text: The package includes the NICRON B11 Pro flashlight, a rechargeable 18350 battery, a USB-C charging cable, an extension tube for 18650 battery use, and this user manual.

## SETUP

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### Battery Installation

The B11 Pro flashlight is designed for dual fuel compatibility, primarily using an 18350 rechargeable battery (included). It can also accommodate a larger 18650 rechargeable battery with the included extensive tube.

1. Unscrew the tail cap of the flashlight.
2. Insert the 18350 battery with the positive (+) end facing towards the flashlight head.
3. If using an 18650 battery, first screw on the extensive tube to the flashlight body, then insert the 18650 battery with the positive (+) end facing towards the flashlight head.
4. Screw the tail cap back on securely.

# Dual Fuel



Recommended to be powered by 1 x 18350 rechargeable battery  
while compatible with x 18650 rechargeable battery



*\*Moonlight mode run time*

**Nicron NRB-L1100 series battery**  
**1100mAh lithium-ion battery**



*\*Moonlight mode run time*

**Nicron NRB-L2600 series battery**  
**2600mAh lithium-ion battery**

\*Above datum tested base on ANSI/NEMA FL 1-2009 standard with the rechargeable battery on normal temperature in lab , maybe vary depending on different environment.

Image: Illustration of dual fuel capability, showing the flashlight with an 18350 battery and an extended version for an 18650 battery, along with estimated run times.

## Charging the Battery

The flashlight features a USB-C charging port for convenient recharging of the internal battery.

1. Locate the USB-C charging port on the flashlight body.
2. Connect the provided USB-C cable to the flashlight and a suitable USB power source (e.g., wall adapter, computer, power bank).
3. The LED indicator will flash during charging.
4. When the LED stops flashing, the battery is fully charged.



## TYPE-C CHARG

Type-C Charging port

Slight blinking when charging  
Stop when full charge

## RECHARGEABLE BATTERY

1100 mAh

5 Days Run time

Image: Detailed view of the Type-C charging port on the flashlight and the charging indicator behavior.

## OPERATION

The NICRON B11 Pro features two control buttons: a power button and a mode selection button.

Text: The flashlight features two distinct buttons for power and mode selection, located on the body.

### Power On/Off

- Press the power button (marked with a circle and vertical line) to turn the flashlight on or off.

### Mode Selection

The flashlight offers six lighting modes: Low, Medium, High, Moonlight, Max, and Strobe. It also features a memory function, returning to the last used mode when turned on again.

- With the flashlight on, press the mode selection button (marked with three vertical lines) to cycle through Low, Medium, High, Moonlight, and Max modes.
- To activate Strobe mode, quickly double-press the mode selection button.

### Lock Mode

To prevent accidental activation and conserve battery, the flashlight includes a lock mode.



- To enter lock mode: Press and hold the power button for 5 seconds.
- To exit lock mode: Press and hold the power button for 5 seconds again.

## MOUNTING OPTIONS

The NICRON B11 Pro is designed for versatile hands-free use.

### Magnetic Tail Cap

The strong magnetic tail cap allows the flashlight to be securely attached to any ferrous metal surface, providing convenient area lighting.



Image: The flashlight demonstrating its strong magnetic tail cap, adhering to a metal surface for hands-free operation.

### Dual Clip

The integrated dual clip offers multiple carrying and mounting possibilities.

- **Belt Clip:** Attach the flashlight to your belt or pocket for easy access.
- **Cap Light:** Clip the flashlight to the brim of a cap to convert it into a headlamp for hands-free illumination.



Image: The NICRON B11 Pro flashlight showcasing its dual clip, suitable for attaching to clothing or a cap.

## DURABILITY AND WATER RESISTANCE

The NICRON B11 Pro is built with an IP67 waterproof rating, ensuring protection against dust and immersion in water up to 1 meter for 30 minutes. This makes it suitable for use in various outdoor conditions, including rain.

Text: The flashlight features IP67 water resistance, protecting it from water immersion and making it suitable for outdoor use.

## MAINTENANCE

- **Cleaning:** Wipe the flashlight body with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Lubrication:** Periodically apply silicone grease to the O-rings and threads to maintain water resistance and smooth operation.
- **Battery Care:** Store the flashlight with a partially charged battery if not used for extended periods. Recharge the battery every 3-6 months to prolong its lifespan.
- **Storage:** Store in a cool, dry place away from direct sunlight and extreme temperatures.

## TROUBLESHOOTING

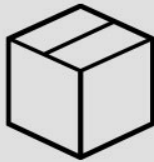
Problem	Possible Cause	Solution
Flashlight does not turn on.	Battery is dead or incorrectly inserted. Flashlight is in lock mode.	Recharge or reinsert battery. Ensure positive (+) end faces forward. Exit lock mode by holding the power button for 5 seconds.
Light output is dim.	Low battery charge. Lens is dirty.	Recharge the battery. Clean the lens with a soft cloth.
Flashlight flickers.	Loose connections. Low battery.	Tighten all parts, especially the tail cap. Recharge the battery.
Water ingress.	O-rings are damaged or not properly seated. Tail cap not tightened.	Check and replace O-rings if damaged. Ensure all parts are tightly screwed.

## SPECIFICATIONS

Detailed technical specifications for the NICRON B11 Pro flashlight.

Feature	Detail
Model	B11 Pro
Brightness	Up to 2000 Lumens
Modes	Low/Medium/High/Moonlight/Max/Strobe
Battery Type	1x 18350 (included), compatible with 1x 18650 (with extension tube)
Charging Port	USB-C
Water Resistance	IP67 (Waterproof)
Dimensions	3.33 x 0.78 x 0.78 inches (without extension)
Weight	1.94 oz (55g) without battery
Mounting	Magnetic Tail Cap, Dual Clip





## ACCESSORIES:

Color Box\*1

B11\*1

Rechargeable battery\*1

USB-C cable\*1

Additional extensive tube\*1

Manual\*1



Image: Comprehensive technical data table detailing performance metrics for different battery types and modes.





Image: Visual representation of the flashlight's dimensions and weight, emphasizing its compact design.

## **SAFETY INFORMATION**

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- Do not shine the flashlight directly into eyes.
- Keep out of reach of children.
- Do not disassemble the flashlight head or tail cap unless for battery replacement or maintenance.
- Use only recommended batteries and charging cables.
- Avoid exposing the flashlight to extreme temperatures or direct flame.

## **WARRANTY AND SUPPORT**

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For warranty information or technical support, please refer to the official NICRON website or contact your retailer. Keep your purchase receipt for warranty claims.