

## NICRON B22W

# NICRON B22W LED Pocket Pen Light Instruction Manual

Model: B22W

## 1. INTRODUCTION

The NICRON B22W LED Pocket Pen Light is a compact, portable, and zoomable flashlight designed for various applications including inspection, camping, outdoor activities, and everyday use. Constructed from high-quality aluminum alloy, it offers durability and reliable performance in diverse environments.

## 2. WHAT'S IN THE BOX

- 1 x NICRON B22W LED Pocket Pen Light
- 2 x AAA Alkaline Batteries (may be pre-installed or included separately)



Image: The NICRON B22W Pen Light shown alongside two AAA batteries, indicating typical package contents.



Image: The product packaging for the NICRON B22W Pen Light, illustrating the flashlight and batteries as part of the package.

### 3. SETUP - BATTERY INSTALLATION

To install or replace batteries:

1. Unscrew the tail cap of the flashlight.
2. Remove any insulating sheet if present, which prevents battery discharge during shipping.

3. Insert two AAA alkaline batteries, ensuring correct polarity (+/-) as indicated inside the battery compartment.
4. Screw the tail cap back on securely.



Image: A detailed view of the rear of the NICRON B22W Pen Light, highlighting the tail cap where batteries are accessed.

Video: This video demonstrates the unboxing and battery installation process for the NICRON B22W Pen Light, including the removal of the insulating sheet.

## 4. OPERATING INSTRUCTIONS

### Power On/Off

To turn the flashlight on or off, firmly press the push-button switch located at the tail cap of the device.



Image: A close-up view illustrating the push-button switch located on the tail cap of the flashlight for power control.

### Zoom Function

The NICRON B22W features a zoomable design. To switch between a wide floodlight and a focused spotlight, simply push and pull the head of the flashlight forward or backward.



Image: The side of the NICRON B22W Pen Light, showing the adjustable head that allows for zooming the light beam.



Image: A visual representation of how to operate the zoom function by pushing and pulling the flashlight head.

## 5. FEATURES

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- **High Performance:** Delivers up to 120 lumens of bright white light.
- **Zoomable Design:** Easily switch between floodlight and spotlight by adjusting the head.
- **Durable Construction:** Made from high-quality aluminum alloy, capable of withstanding impacts from drops up to 1 meter.
- **Water and Dust Resistance:** Features an IP65 rating, making it resistant to dust and water splashes, suitable for various complex environments.
- **Portable:** Equipped with a convenient pocket clip for easy attachment to pockets, belts, or backpacks.

**SIZE**



Image: The front view of the flashlight, highlighting its integrated pocket clip for convenient carrying.





Image: The NICRON B22W Pen Light shown in a hand, illustrating its compact and portable size.



Image: A close-up demonstrating the robust all-metal construction of the flashlight, emphasizing its durability.

# ***WATERPROOF***



Image: The flashlight being exposed to water, visually confirming its IP65 water resistance rating.

## **6. USAGE SCENARIOS**

The NICRON B22W Pen Light is versatile and suitable for a wide range of situations:

- **Inspection:** Ideal for examining tight spaces, electrical panels, or machinery.
- **Everyday Carry (EDC):** Its compact size and clip make it perfect for daily tasks.
- **Outdoor Activities:** Useful for camping, hiking, or navigating in low-light conditions.
- **Home & Work:** Provides convenient illumination for household repairs, professional tasks, or emergencies.



# APPLICABLE



**EDC**



**MAINTENANCE**



**TREATMENT**



**INTERIOR**



Image: The flashlight illuminating an electrical panel, demonstrating its utility for detailed inspection tasks.

# APPLICABLE



EDC



MAINTENANCE



TREATMENT



INTERIOR



Image: A collage depicting various applications of the pen light, including everyday carry, maintenance, medical examinations, and general indoor lighting.

Video: This video showcases various practical applications of the NICRON B22W Pen Light, including its use for inspection and illuminating narrow spaces.

## 7. MAINTENANCE

- **Cleaning:** Wipe the flashlight with a soft, damp cloth to remove dirt or debris. Do not use abrasive cleaners.
- **Battery Replacement:** Replace AAA batteries when the light dims or stops functioning. Always use fresh, high-quality alkaline batteries.
- **Storage:** If storing the flashlight for an extended period, remove the batteries to prevent leakage and damage.

## 8. TROUBLESHOOTING

- **Light Does Not Turn On:**
  - Ensure batteries are inserted with correct polarity.

- Check if batteries are depleted and replace them if necessary.
  - Verify that the tail cap is screwed on tightly to ensure proper electrical contact.
- **Light Flickers or Dims:**
- This can often be resolved by replacing the batteries.
  - Ensure the battery contacts are clean and free of corrosion. Gently clean with a cotton swab if needed.
  - Confirm the tail cap is fully tightened.

## 9. SPECIFICATIONS

Feature	Specification
Model	B22W
Light Source Type	LED
Brightness	120 Lumens
Power Source	Battery Powered
Battery Type	2 x AAA Alkaline batteries (required)
Material	Aluminum
Special Feature	Zoomable
Water Resistance Level	IP65 (Waterproof)
Drop Resistance	Up to 1 meter
Product Dimensions	5.4"D x 0.79"W x 5.51"H
Item Weight	1.45 ounces
Switch Style	Push Button

## 10. WARRANTY AND SUPPORT

NICRON provides a two-year warranty for the B22W LED Pocket Pen Light. For any product-related inquiries, technical assistance, or warranty claims, please contact our professional customer service team. We are committed to providing satisfactory solutions.