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NEBO 6822

NEBO Redline 6K Lumen Rechargeable LED Flashlight User Manual

Model: 6822 | Brand: NEBO

Introduction

Welcome to the user manual for your NEBO Redline 6K Lumen Rechargeable LED Flashlight. This powerful and versatile flashlight is designed for durability and high performance, featuring 6000 lumens of light output, a waterproof (IP67) and impact-resistant design, and a built-in power bank function. Please read this manual thoroughly to ensure proper use and maintenance of your device.



Figure 1: NEBO Redline 6K Lumen Flashlight with its packaging and included USB cable and EdisonBright reading light.

Setup

Initial Battery Preparation

Before first use, it is crucial to remove the transport insulator located inside the battery tube. This insulator prevents battery discharge during shipping.

Charging the Flashlight

The NEBO Redline 6K is equipped with a rechargeable battery. To charge, connect the included Micro USB to USB charging cable to the flashlight's charging port. Plug the other end of the cable into a compatible USB power source (e.g., wall adapter, computer USB port). The battery charging indicator will illuminate to show the charging status. A full charge can take between 5 to 20 hours, depending on the output of your USB power source.



Figure 2: Close-up view of the NEBO Redline 6K flashlight showing the micro USB charging port with a cable inserted, indicating the charging process.

Operation

Power and Mode Selection

The flashlight features a single front-positioned button for all operational controls.

- **Power ON/OFF:** Press the button once to turn the flashlight ON. Press again to turn OFF.
- **Mode Cycling:** While the flashlight is ON, press the button repeatedly to cycle through the available light modes: High, Medium, Low, and Strobe.
- **Adjustable Zoom:** The flashlight features a 4x adjustable zoom. To adjust the beam from a wide floodlight to a focused spotlight, simply extend or retract the head of the flashlight.



Figure 3: The NEBO Redline 6K Lumen Flashlight viewed from an angle, highlighting the power button and the adjustable zoom mechanism.

Light Output Modes and Performance

The Redline 6K offers multiple lighting modes to suit various needs, each with specific lumen output, runtime, and beam distance:

Mode	Lumens	Runtime	Beam Distance

Mode	Lumens	Runtime	Beam Distance
High	6000	2 hours	219 meters
Medium	1200	5 hours	98 meters
Low	60	50 hours	69 meters
Strobe	6000	3 hours	219 meters



Figure 4: A graphic illustrating the powerful 6000 lumen output of the NEBO Redline 6K flashlight.



Figure 5: A person standing in a large, dark space illuminated by the wide beam of the NEBO Redline 6K flashlight, demonstrating its powerful light output.

Power Bank Function

The NEBO Redline 6K is equipped with a convenient power bank feature, allowing you to charge other USB-powered devices directly from the flashlight. Simply connect your device's charging cable to the USB output port on the flashlight. This function is ideal for charging smartphones or other small electronics when you are away from a power outlet.



Figure 6: The NEBO Redline 6K flashlight connected via USB cable to a smartphone, demonstrating its power bank functionality.

Key Features

The NEBO Redline 6K flashlight incorporates several advanced features for superior performance and durability:

- **6000 Lumens:** Provides an ultra-bright light output, capable of illuminating large areas.
- **Rechargeable:** Features a built-in rechargeable battery, eliminating the need for disposable batteries.
- **Power Bank:** Integrated USB output port allows for charging of external devices.
- **Durable Construction:** Crafted from anodized aircraft-grade aluminum for robust and lightweight performance.
- **Waterproof (IP67):** Designed to be waterproof and submersible up to 1 meter, making it suitable for various environments.
- **Impact-Resistant:** Engineered to withstand impacts from drops up to 1 meter.
- **4x Adjustable Zoom:** Allows for seamless transition between a wide flood beam and a focused spot beam.
- **Optimized C·O·B Technology:** Utilizes advanced Chip-on-Board LED technology for efficient and powerful illumination.

- **Closed-Loop Temperature Control:** Manages internal temperature to ensure optimal performance and extend the lifespan of the LED.
- **Battery Charging Indicator:** Provides clear visual feedback on the battery's charging status.



Figure 7: An exploded diagram of the NEBO Redline 6K flashlight, illustrating its internal components including the rechargeable battery, COB LED, and highlighting its power bank capability and 6000 lumen output.



Figure 8: A hand holding the NEBO Redline 6K flashlight underwater, with its beam brightly illuminating the water, demonstrating its IPX7 waterproof rating.

Technical Specifications

Detailed specifications for the NEBO Redline 6K Lumen Flashlight:

Feature	Detail
Model Number	6822
Light Output	6000 Lumens (High)
Beam Distance	219 Meters (High)
Power Source	Rechargeable Lithium Ion Battery (included)

Feature	Detail
Battery Recharge Time	5 - 20 hours (depending on USB output)
Material	Anodized Aircraft-Grade Aluminum
Water Resistance	IP67 (Waterproof, submersible up to 1 meter)
Impact Resistance	1 Meter
Dimensions	Length: 10.5", Diameter: 2.25"
Weight	1 lb., 7 oz.
Special Features	Adjustable Zoom, Power Bank Function
Included Components	Battery, Micro USB to USB Charging Cable, Lanyard, EdisonBright USB powered reading light
UPC	811459031503

Care and Maintenance

Proper care and maintenance will ensure the longevity and optimal performance of your NEBO Redline 6K flashlight.

- **Cleaning:** Wipe the flashlight body with a soft, damp cloth. Do not use abrasive cleaners or solvents, as they may damage the finish or internal components.
- **Battery Care:** For optimal battery life, avoid fully discharging the battery frequently. Recharge the flashlight regularly, especially if it has not been used for an extended period. Store the flashlight in a cool, dry place when not in use.
- **Charging Port:** Always ensure the charging port cover is securely closed when the flashlight is not charging. This is crucial for maintaining its IP67 water resistance rating.

Troubleshooting

If you encounter issues with your NEBO Redline 6K flashlight, refer to the following common problems and solutions:

- **Flashlight not turning on:**
  - Ensure the battery transport insulator has been removed from inside the battery tube.
  - Check if the battery is charged. Connect the flashlight to a power source and observe the charging indicator.
  - Verify that the battery is correctly inserted with the proper polarity.
- **Light output is dim:**
  - The battery may be low. Recharge the flashlight fully.
  - The lens may be dirty. Gently clean the lens with a soft, lint-free cloth.
- **Charging not working:**
  - Verify that the USB cable is securely connected at both the flashlight and the power source ends.

- Try using a different USB power source or a different Micro USB cable to rule out a faulty component.
- Ensure the charging port on the flashlight is clean and free of any debris.

Safety Information

Please observe the following safety precautions to prevent injury or damage to the flashlight:

- **Eye Safety:** Do not look directly into the LED light when operating, as the high lumen output can cause temporary vision impairment or permanent eye damage.
- **Children:** Keep the flashlight out of reach of children.
- **Disassembly:** Do not attempt to disassemble the flashlight beyond routine battery insertion/removal or cleaning. Unauthorized modifications can void the warranty and pose safety risks.
- **Charging:** Use only the specified charging cable and compatible USB power sources.
- **Temperature:** Avoid exposing the flashlight to extreme temperatures (hot or cold) or direct sunlight for prolonged periods.

Included Accessories

Your NEBO Redline 6K Lumen Flashlight bundle includes the following accessories:

- Micro USB to USB Charging Cable
- Lanyard
- EdisonBright USB Powered LED Reading Light

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