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## EverBrite E021027A

# EverBrite 300 Lumen Rechargeable Headlamp (Model E021027A) Instruction Manual

Brand: EverBrite | Model: E021027A

## INTRODUCTION

Thank you for choosing the EverBrite 300 Lumen Rechargeable Headlamp. This headlamp is designed for versatile use, featuring a zoomable front light with white and red LEDs, and a detachable rear COB LED taillight. It offers 10 lighting modes and is IPX4 water-resistant, making it suitable for various outdoor activities and emergency situations.

## PRODUCT FEATURES

- **Front XPG LED:** 300 lumens maximum output, zoomable focus, 3 modes (High, Low, Strobe).
- **Front Red LEDs:** 2 modes (Steady, Strobe) for night vision and safety.
- **Detachable Rear COB LED:** 5 modes (High, Medium, Low, Red Steady, Red Strobe). Can be removed and used as a camping lantern.
- **Adjustable Head:** 45-degree tilting head for directional lighting.
- **Rechargeable Battery:** 1800 mAh Li-ion battery provides up to 5 hours of brightness (medium mode).
- **Water Resistance:** IPX4 rated, resistant to splashes.

## SETUP

### 1. Adjusting the Head Strap

The elastic head strap is adjustable to fit various head sizes. Pull the straps through the buckles to achieve a comfortable and secure fit. Ensure the headlamp is centered on your forehead.

### 2. Connecting the Battery Pack

The headlamp comes with a separate battery pack. Connect the cable from the headlamp to the port on the battery pack. Ensure the connection is secure.

## OPERATING INSTRUCTIONS

### Front Light Operation

The front light features an XPG LED and two red LEDs. Use the main power button on the top of the headlamp to cycle through modes.

- **White Light Modes:** Press the power button to cycle through High (300 lumens), Low (100 lumens), and Strobe (300 lumens).
- **Red Light Modes:** From any white light mode, press and hold the power button for 2 seconds to activate the red LEDs. Press again to cycle between Steady and Strobe red light.
- **Turning Off:** Press the power button until the light turns off, or hold the button for 2 seconds from any mode to turn off directly.

**SUPER BRIGHT**  
A **300 Lumen CREE LED** provides powerful illumination

High 300LUMEN, Low 100LUMEN, Strobe 300LUMEN, RED LED, RED LED STROBE

Throwing out a brilliant white light in **328FT**

The image shows a person in a dark jacket standing on a path at night, illuminated by a powerful beam of light from a headlamp. The beam is wide and bright, casting a long shadow on the path. The background is dark with some foliage visible. At the bottom of the image, there are five icons representing different lighting modes: High (300 lumens), Low (100 lumens), Strobe (300 lumens), Red LED, and Red LED Strobe. The text 'SUPER BRIGHT' is in large orange letters, and 'A 300 Lumen CREE LED provides powerful illumination' is in smaller orange letters below it. At the bottom, it says 'Throwing out a brilliant white light in 328FT' in orange.

Figure 1: Overview of the 10 available lighting modes for the EverBrite headlamp.



Figure 2: The headlamp's 300 lumen front light provides illumination up to 328 feet.

### **Zoom Function**

The front XPG LED features an adjustable focus lens. Rotate the bezel around the front light clockwise to zoom in for a concentrated beam, or counter-clockwise to zoom out for a wider floodlight.



Figure 3: Adjusting the zoom on the front light for a focused or wide beam.

### Detachable Rear COB LED Tail Light

The rear COB LED tail light provides additional visibility and can be detached for use as a standalone lantern.

- **Tail Light Modes:** Press the button on the rear battery pack to cycle through High (150 lumens), Medium (50 lumens), Low (20 lumens), Red Steady, and Red Strobe.
- **Detaching:** Gently slide the rear COB LED unit off the head strap bracket. It has a built-in hook for hanging.

# DETACHABLE REAR LIGHT

Swiping the rear light from the headlamp, you get a camping lantern.



Figure 4: The rear COB LED can be detached and used as a camping lantern.

## 10 Lighting Modes for Versatile Activities with 2 Light



Figure 5: The EverBrite Rechargeable Headlamp in its complete assembly.

### CHARGING AND BATTERY

The headlamp is powered by a rechargeable 1800 mAh Li-ion battery located in the rear unit.

- **Charging:** Use the included Micro USB cable to connect the battery pack to a 1A adapter (not included) or a USB power source.
- **Charging Time:** Approximately 1.5 hours for a full charge.
- **Battery Indicator:** The rear unit has indicator lights to show the charging status and remaining battery level.
- **Battery Life:** Up to 5 hours on medium-beam mode.

### MAINTENANCE

- **Cleaning:** Wipe the headlamp and battery pack with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Storage:** Store the headlamp in a cool, dry place when not in use. If storing for extended periods, charge the battery every 3-6 months to maintain its lifespan.
- **Water Resistance:** While IPX4 rated, avoid submerging the headlamp in water. Ensure the USB

charging port cover is securely closed to prevent water ingress.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Headlamp does not turn on.	Battery is depleted or not connected properly.	Charge the battery. Ensure the cable connecting the headlamp to the battery pack is securely plugged in.
Light is dim or flickers.	Low battery charge.	Recharge the battery fully.
Rear light does not work.	Battery issue or rear light button not pressed correctly.	Ensure the main battery pack is charged. Press the rear light button firmly to cycle modes.

## SPECIFICATIONS

Feature	Detail
Model Number	E021027A
Light Output (Max)	300 Lumens
Light Source Type	LED (XPG, COB)
Power Source	Battery Powered
Battery Type	1800 mAh Lithium Ion (included)
Charging Time	Approx. 1.5 hours (with 1A adapter)
Water Resistance	IPX4
Material	ABS
Item Weight	6.2 ounces (0.39 Pounds)
Product Dimensions	2.75 x 1.49 x 1.61 inches

## OFFICIAL PRODUCT VIDEOS

### EverBrite 300 Lumen Rechargeable Headlamp Overview

Your browser does not support the video tag.

This video provides a comprehensive overview of the EverBrite 300 Lumen Rechargeable Headlamp, showcasing its features and functionality.

### EverBrite Recharge Headlamp with Detachable Tail Light Demonstration

Your browser does not support the video tag.

This video demonstrates the EverBrite Recharge Headlamp, highlighting its detachable tail light feature and various lighting modes.

## **WARRANTY AND SUPPORT**

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For warranty information or technical support, please contact EverBrite customer service. Refer to the product packaging or the official EverBrite website for contact details.