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> DARKBEAM LX300 LED COB Headlamp User Manual

## DARKBEAM LX300

# DARKBEAM LX300 LED COB Headlamp User Manual

Model: LX300

## INTRODUCTION

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Thank you for choosing the DARKBEAM LX300 LED COB Headlamp. This lightweight, rechargeable headlamp is designed for various activities, offering a wide 230° illumination angle and multiple lighting modes. Please read this manual carefully to ensure proper use and maintenance of your device.

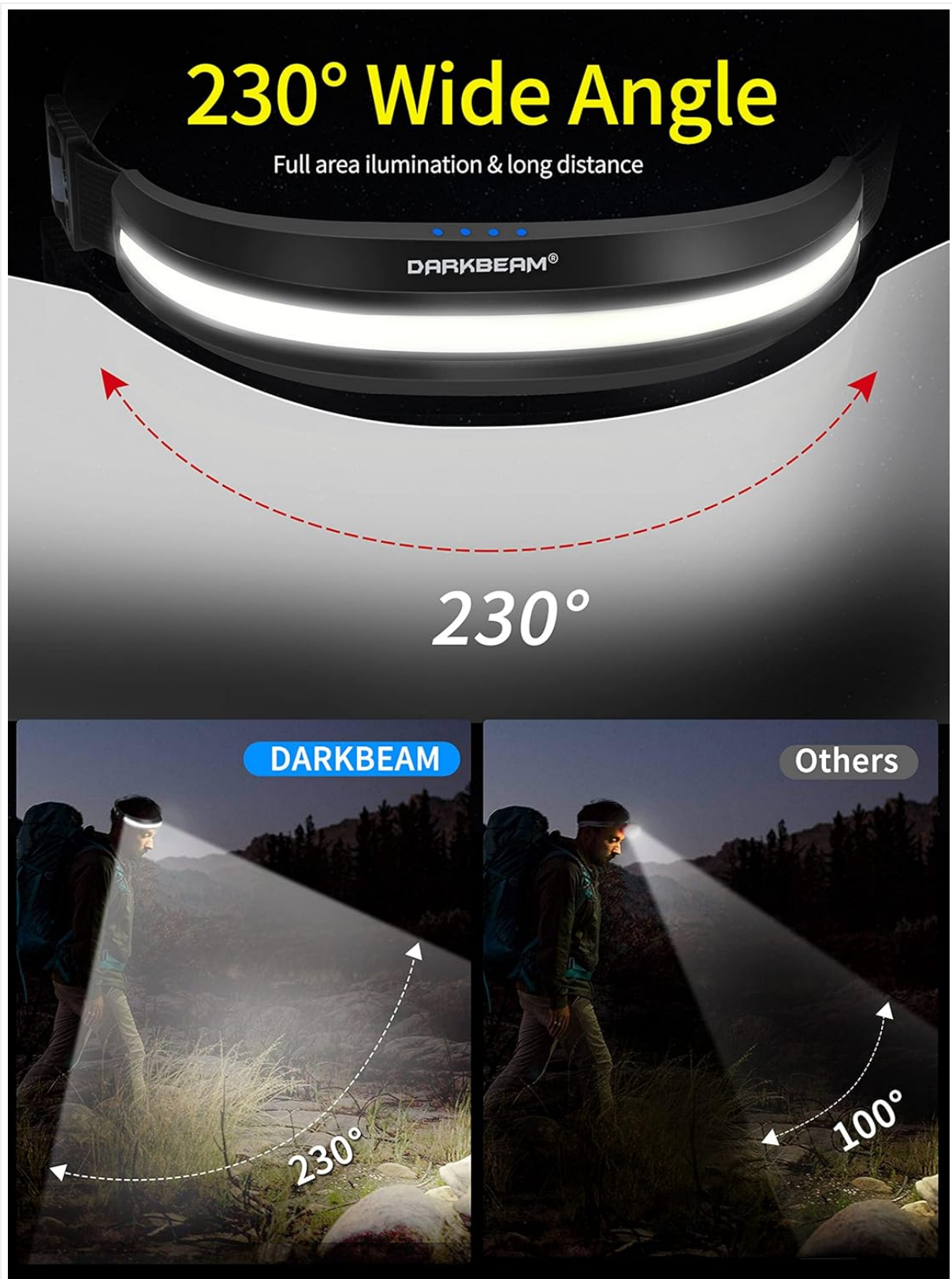


Image: The DARKBEAM LX300 headlamp demonstrating its 230-degree wide-angle illumination, providing broad coverage compared to traditional headlamps with narrower beams.

## PACKAGE CONTENTS

- DARKBEAM LX300 LED COB Headlamp (2 units for this package)
- USB-C Charging Cable
- 8 Mounting Clips
- User Manual

## 1. Initial Charging

Before first use, fully charge the headlamp. The integrated 1200mAh battery ensures reliable performance.

- Connect the provided USB-C cable to the headlamp's charging port.
- Connect the other end of the cable to a USB power source (e.g., power bank, wall charger, laptop, car charger).
- The 4-level power display will indicate the charging status. All four blue lights will be solid when fully charged.

# USB Rechargeable



Image: The DARKBEAM LX300 headlamp highlighting its USB-C charging capability and the 4-level battery indicator, showing different charging sources like power banks, wall chargers, laptops, and car chargers.

## 2. Adjusting the Headband

The headlamp features a highly elastic and adjustable headband for comfortable wear on various head sizes or over helmets.

- Place the headlamp on your head or helmet.
- Adjust the elastic strap to achieve a snug yet comfortable fit.
- Ensure the light source is positioned correctly for your intended activity.

## OPERATING INSTRUCTIONS

### Power On/Off and Mode Selection

The headlamp offers a dual light source (white COB and red LED) with four operating modes.



Image: The DARKBEAM LX300 headlamp illustrating its four distinct light modes: COB Low, COB High, Red Stay On, and Red Flash, with examples of their illumination patterns.

1. **To Turn On:** Press the power button once. The headlamp will typically turn on in the last used mode or a default white light mode.
2. **To Cycle Modes:** Press the power button repeatedly to cycle through the available modes:

- **COB High:** Bright white light for maximum illumination (approx. 2.5 hours runtime).
- **COB Low:** Energy-saving white light for extended use (approx. 5 hours runtime).
- **Red Stay On:** Constant red light, ideal for preserving night vision or emergency signaling (approx. 8 hours runtime).
- **Red Flash:** Flashing red light for increased visibility and emergency situations.

3. **To Turn Off:** Press and hold the power button for approximately 2-3 seconds.

The 230° floodlight design ensures a wide area of illumination, making it suitable for various tasks and outdoor activities.

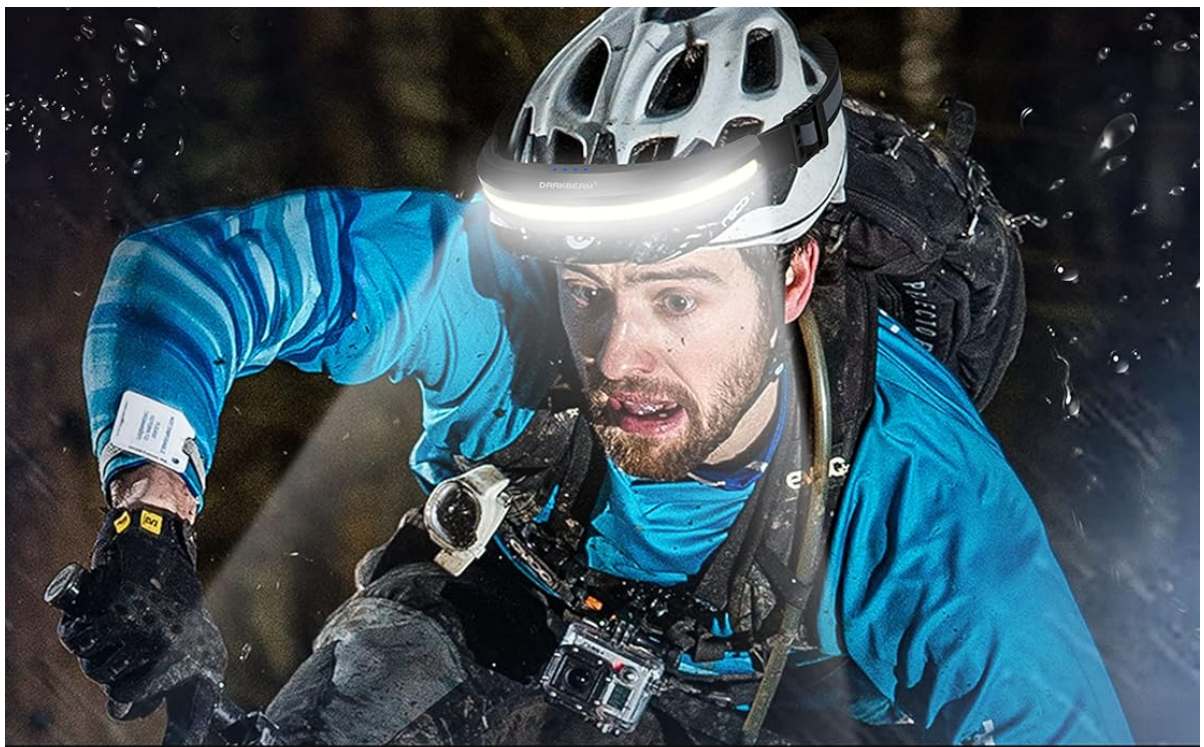
## MAINTENANCE

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### Cleaning

The DARKBEAM LX300 headlamp is IPX4 waterproof, meaning it is resistant to splashing water from any direction. However, it is not designed for submersion.

- Wipe the headlamp with a soft, damp cloth to remove dirt or sweat.
- Do not use abrasive cleaners or solvents, as these may damage the device.
- Ensure the USB-C charging port cover is securely closed to maintain water resistance.



## IPX4- Waterproof



Image: The DARKBEAM LX300 headlamp shown in a wet environment, illustrating its IPX4 waterproof rating, indicating resistance to splashes and light rain.

### Storage

- Store the headlamp in a cool, dry place away from direct sunlight.
- For long-term storage, charge the battery to approximately 50% every 3-6 months to prolong battery life.

### TROUBLESHOOTING

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Problem	Possible Cause	Solution
Headlamp does not turn on.	Battery is depleted.	Charge the headlamp using the provided USB-C cable. Check the 4-level power indicator.
Headlamp does not charge.	Faulty cable or power source; charging port obstruction.	Try a different USB-C cable and power adapter. Ensure the charging port is clean and free of debris. If the issue persists, contact customer support.
Light is dim or flickers.	Low battery; loose connection.	Recharge the battery. If fully charged and still dim, contact customer support.
Headband is uncomfortable.	Incorrect adjustment.	Adjust the elastic strap for a more comfortable fit.

## SPECIFICATIONS

<b>Model Number</b>	LX300
<b>Light Source Type</b>	LED COB
<b>Brightness (White Light)</b>	400 Lumens (Max)
<b>Beam Angle</b>	230 Degrees
<b>Battery Type</b>	1200mAh Lithium-ion (Integrated)
<b>Charging Port</b>	USB-C
<b>Runtime (COB High)</b>	Approx. 2.5 hours
<b>Runtime (COB Low)</b>	Approx. 5 hours
<b>Runtime (Red Light)</b>	Approx. 8 hours
<b>Water Resistance</b>	IPX4 (Splash-proof)
<b>Material</b>	ABS
<b>Weight</b>	60 Grams
<b>Dimensions (L x W x H)</b>	14.5 x 3 x 2 cm

## WARRANTY AND SUPPORT

DARKBEAM provides a comprehensive warranty and support for your LX300 headlamp:

- **Warranty:** One-year limited warranty from the date of purchase.
- **Refund Policy:** 180-day quick refund policy.
- **Customer Support:** For any questions, issues, or warranty claims, please contact DARKBEAM customer service. You can typically find contact information on the product packaging or the official DARKBEAM website.

Please retain your proof of purchase for warranty purposes.

