Xanlite FR450SSTRIP

Xanlite LED Sensor Headlamp User Manual

Model: FR450SSTRIP

Introduction

Thank you for choosing the Xanlite LED Sensor Headlamp. This headlamp is designed for versatility and convenience, offering powerful dual lighting modes, USB recharging, and an integrated motion sensor for hands-free operation. Please read this manual carefully before use to ensure proper operation and to maximize the product's lifespan.

Safety Information

- Do not look directly into the LED light. The intense light can cause temporary vision impairment.
- Keep out of reach of children.
- Do not attempt to disassemble or modify the headlamp. This will void the warranty and may cause damage or injury.
- Use only the provided or a certified USB cable for charging.
- Avoid exposing the headlamp to extreme temperatures or direct sunlight for prolonged periods.
- Although the headlamp is waterproof, avoid submerging it in water for extended periods.

Package Contents

Verify that all items are present in your package:

- 1 x Xanlite LED Sensor Headlamp (Model: FR450SSTRIP)
- 1 x USB Charging Cable



Image: The package contents, including the Xanlite LED Sensor Headlamp and its USB charging cable.

Product Overview

The Xanlite LED Sensor Headlamp features a compact and lightweight design, making it ideal for various outdoor activities. It offers dual lighting options: a focused 120-lumen LED and a wide 300-lumen COB LED. The integrated motion sensor allows for convenient hands-free operation.



Image: A person wearing the Xanlite LED Sensor Headlamp while camping, demonstrating its use in an outdoor setting at night.

Setup

Adjusting the Headband

The headlamp comes with an adjustable elastic headband. To adjust, simply slide the buckle on the strap until the headlamp fits comfortably and securely on your head. Ensure the light source is positioned correctly for your intended use.



Image: A close-up view of the headlamp, highlighting the USB charging port and the adjustable strap mechanism for easy fitting.

Operating Instructions

Power On/Off and Mode Selection

The headlamp features multiple lighting modes to suit various needs. Press the power button to cycle through the available modes. The headlamp offers 8 lighting modes: 4 wide-angle 180° modes and 4 focused modes.

Motion Sensor Activation

To activate the motion sensor mode, press the dedicated sensor button. Once activated, you can turn the light on or off by waving your hand in front of the sensor. This provides convenient hands-free operation, especially useful when your hands are occupied or dirty.



Image: A person wearing the headlamp, illustrating its features including 8 lighting modes, USB charging capability, and up to 22 hours of battery life.



Image: A person walking with a dog at night, highlighting the headlamp's drop resistance and motion sensor for hands-free use.

Charging

The Xanlite LED Sensor Headlamp is equipped with a built-in rechargeable Lithium-ion battery. To charge the headlamp:

1. Locate the USB charging port on the side of the headlamp.
2. Connect the provided USB charging cable to the headlamp's port.
3. Plug the other end of the USB cable into a standard USB power source (e.g., computer, wall adapter, power bank).
4. An indicator light will show the charging status. The light will change color or turn off once fully charged.

A full charge provides up to 22 hours of autonomy, depending on the selected lighting mode.

Maintenance

- **Cleaning:** Wipe the headlamp 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 an extended period, charge the battery every 3-6 months to maintain its health.
- **Battery Care:** Avoid completely draining the battery frequently to prolong its lifespan.

Troubleshooting

Problem	Possible Cause	Solution
Headlamp does not turn on	Battery is depleted	Charge the headlamp using the USB cable.
Light is dim	Low battery level	Recharge the headlamp.
Motion sensor not responding	Sensor mode not activated or obstruction	Ensure sensor mode is active. Clear any obstructions in front of the sensor.
Headlamp not charging	Faulty cable or power source	Try a different USB cable or power adapter. Ensure connections are secure.

Specifications

Feature	Detail
Brand	Xanlite
Model	FR450SSTRIP
Dimensions (L x W x H)	3.2 x 2 x 32 cm
Weight	80 grams
Material	Rubber
Light Source Type	LED (1x 120 lumen, 1x COB 300 lumen)
Luminous Flux	120 lumens (focused), 300 lumens (wide)
Power	3 Watts
Color Temperature	6500 Kelvin
Special Features	Rechargeable, Motion Sensor
Power Source	Rechargeable Lithium-ion Battery
Water Resistance Level	Waterproof

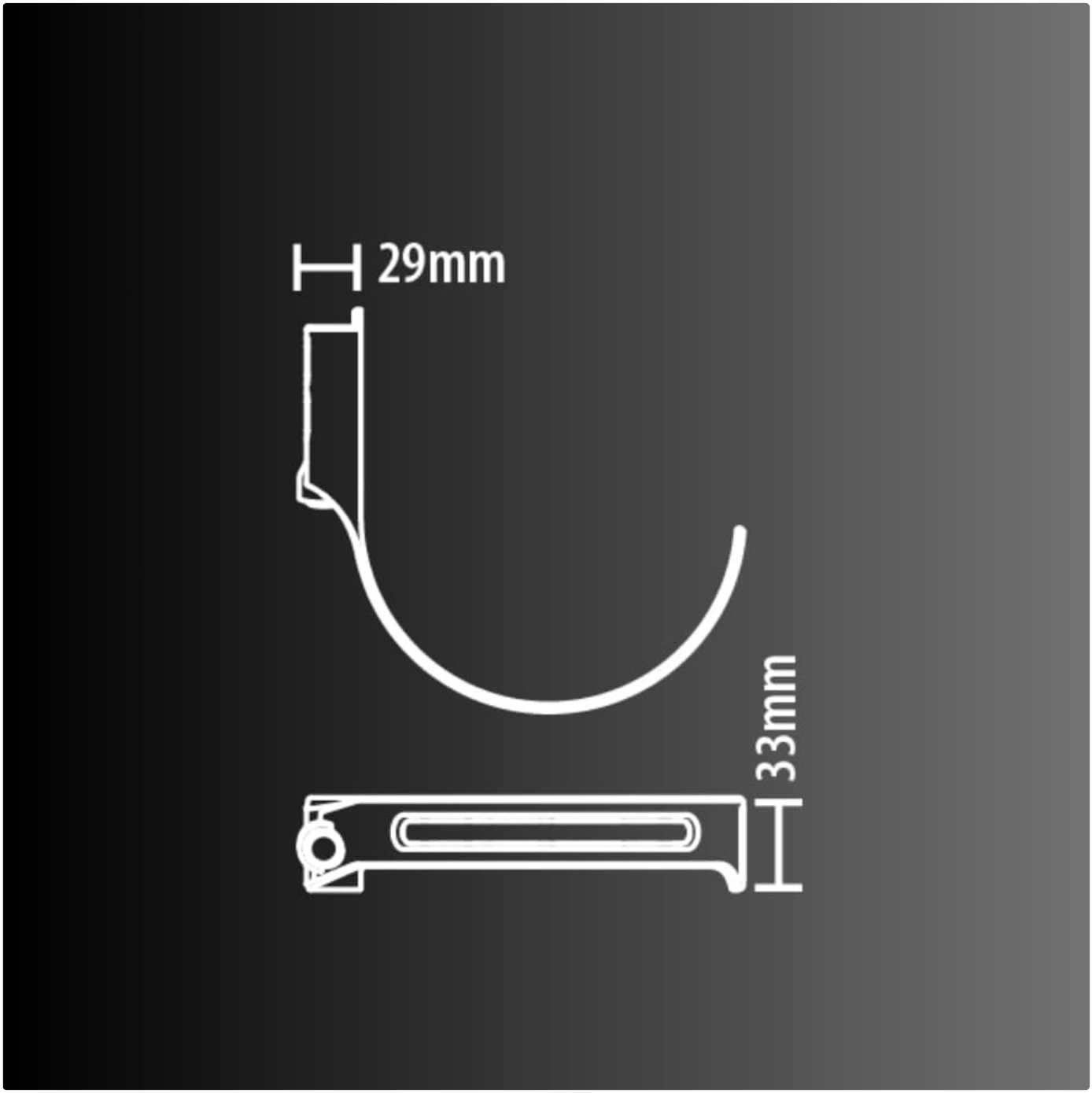


Image: A technical diagram illustrating the dimensions of the headlamp, with height measurements of 29mm and 33mm.

Warranty and Support

Xanlite products are designed for durability and performance. For warranty information or technical support, please refer to the official Xanlite website or contact their customer service directly. Keep your purchase receipt as proof of purchase. For further assistance, you may visit the Xanlite Brand Store.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question