

## Sofirn D25S, D25L

# Sofirn D25S & D25L Headlamp User Manual

MODELS: D25S, D25L

Brand: Sofirn

## 1. Introduction

Thank you for choosing Sofirn headlamps. This manual provides detailed instructions for the D25S and D25L models, designed for various outdoor activities and daily use. The D25S offers a powerful 1200 lumen output with USB-C recharging, while the D25L provides a comfortable 1000 lumen neutral beam with high Color Rendering Index (CRI) for accurate color perception and reduced eye fatigue.



Figure 1: Sofirn D25S and D25L Headlamps (bundle)

This image displays the Sofirn D25S and D25L headlamps, showcasing their compact design and dual-light configuration. The adjustable headband is also visible.



Figure 2: Lightweight Design and Floody Beam

This image shows the headlamp worn on a cap, illustrating its lightweight nature and the wide, even "floody" beam it produces, ideal for close-up tasks and general illumination.

## 2. Setup

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### 2.1 Battery Installation (Pre-installed)

Both Sofirn D25S and D25L headlamps come with pre-installed Lithium Ion batteries. Ensure the battery is properly seated before first use.

### 2.2 Charging (D25S Model)

The D25S model features a convenient built-in USB-C charging port. To charge, locate the hidden USB-C port and connect it to a compatible USB power source using the provided cable. The protective cap shields the USB-C port from damage and water when not in use.





## Built-in USB-C Charging Port

Protective cap shields the USB C port from damages & water.

● Charging ● Full

Figure 3: USB-C Charging Port on D25S

This image highlights the built-in USB-C charging port on the Sofirn D25S headlamp, showing its location and the protective cap. Indicator lights for charging status (red for charging, green for full) are also depicted.

## 3. Operating Instructions

### 3.1 Power On/Off and Mode Selection (D25S)

The D25S headlamp operates with a single button for simplicity. It features 5 different modes: Low, Medium 1, Medium 2, High, and Turbo. The headlamp also includes a memory mode, which means it will return to the last known setting when turned back on.

- **To Turn On/Off:** Press the power button once.
- **To Cycle Modes:** While the light is on, press and hold the power button to cycle through Low, Medium 1, Medium 2, High, and Turbo modes. Release the button at your desired brightness level.
- **Strobe Mode:** From any state (on or off), double-click the power button to activate Strobe mode. Double-click again to return to the previous mode.

- ✓ Lightweight
- ✓ Nice and Floody Beam



Figure 4: D25S Control Button

This image shows a close-up of the green control button on the Sofirn D25S headlamp, emphasizing its comfortable feel and simple user interface. The memory mode feature is also highlighted.

### 3.2 D25L Beam Characteristics

The Sofirn D25L headlamp is equipped with dual powerful LH351D LEDs, providing a maximum output of 1000 lumens. Unlike some other bright headlamps, the D25L delivers a neutral beam with a high Color Rendering Index (CRI) of 90. This high CRI enables true color representation of objects, making it comfortable for prolonged use, including reading, and helps to avoid eye fatigue.





Figure 5: D25L Beam Pattern in Darkness

This image demonstrates the wide and even beam pattern of the Sofirn D25L headlamp in a dark outdoor setting, illuminating a path and surrounding trees.

### 3.3 Headlamp Adjustment

Both headlamps feature an adjustable headband for a secure and comfortable fit. The light unit itself can be adjusted up to 180 degrees vertically, allowing you to direct the beam precisely where needed without repositioning the entire headlamp.



Figure 6: Adjustable Features

This image illustrates the 180-degree angle adjustment capability of the headlamp unit and the adjustable nature of the elastic headband, ensuring a comfortable and customizable fit for the user.

## 4. Maintenance

- **Cleaning:** Wipe the headlamp body with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Battery Care:** For optimal battery life, charge the headlamp regularly. If storing for extended periods, charge the battery to approximately 50% and recharge every 3-6 months.
- **Storage:** Store the headlamp in a cool, dry place away from direct sunlight and extreme temperatures.

## 5. Troubleshooting

- **Light Not Turning On:**
  - a. Ensure the battery is fully charged.
  - b. Check if the battery is inserted correctly.

c. Verify the power button is functioning.

• **Dim Light Output:**

- a. The battery may be low; recharge the headlamp.
- b. Ensure the lens is clean and free of obstructions.

6. Specifications

Feature	Sofirn D25S	Sofirn D25L
Light Source Type	SST40 LED	LH351D LED
Max Brightness	1200 Lumens	1000 Lumens
Color Rendering Index (CRI)	N/A	90
Power Source	Battery Powered (Lithium Ion)	Battery Powered (Lithium Ion)
Rechargeable	USB-C	N/A (Check product for D25L charging method if not USB-C)
Water Resistance Level	Not Water Resistant	Not Water Resistant




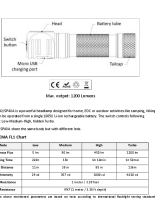
Note: Specifications are subject to change without notice. Please refer to the product packaging for the most accurate and up-to-date information.

7. Safety Information

- Do not look directly into the light beam to avoid eye injury.
- Keep out of reach of children.
- Do not disassemble the headlamp, as this may void the warranty and cause damage.
- Avoid exposing the headlamp to extreme temperatures or direct sunlight for prolonged periods.
- This product is not water resistant. Avoid exposure to water or high humidity.

8. Warranty and Support

For warranty information, technical support, or any inquiries regarding your Sofirn headlamps, please refer to the warranty card included with your product or visit the official Sofirn website. Contact details for customer service are typically provided on the product packaging or the manufacturer's website.

<div></div>	<p><a href="#">Sofirn HS21 User Manual: T-Shape Headlamp with Flood, Spot, and Red Light</a></p> <p>Explore the Sofirn HS21 headlamp, a T-shape light with 10 emitters for flood, spot, and red light. This user manual details its features, specifications, operation, battery indicators, and contact information for Sofirn Limited.</p>
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