

sofirn SP33S

sofirn SP33S 5000 Lumen LED Flashlight User Manual

Model: SP33S

INTRODUCTION

The sofirn SP33S is a high-performance, rechargeable LED flashlight designed for various applications including camping, hiking, and emergency use. It features a powerful LED capable of producing up to 5000 lumens, with a maximum beam distance of 264 meters. This manual provides essential information for the safe and effective use of your SP33S flashlight.

- **Ultra Bright:** Equipped with a 6500K LED, delivering up to 5000 lumens and a 264-meter beam distance.
- **Long Lasting:** Powered by a high-capacity rechargeable battery, offering extended runtimes.
- **Rechargeable:** Features a USB-C charging port for convenient and fast recharging.
- **Compact & Tough:** Constructed from aerospace-grade 6063 aluminum alloy, IPX8 waterproof, and suitable for everyday carry (EDC) and outdoor activities.

SETUP

Battery Installation and Initial Use

The sofirn SP33S flashlight comes with a pre-installed rechargeable battery. Before first use, or if the flashlight does not operate, ensure the battery is properly seated and the head and tail caps are fully tightened.

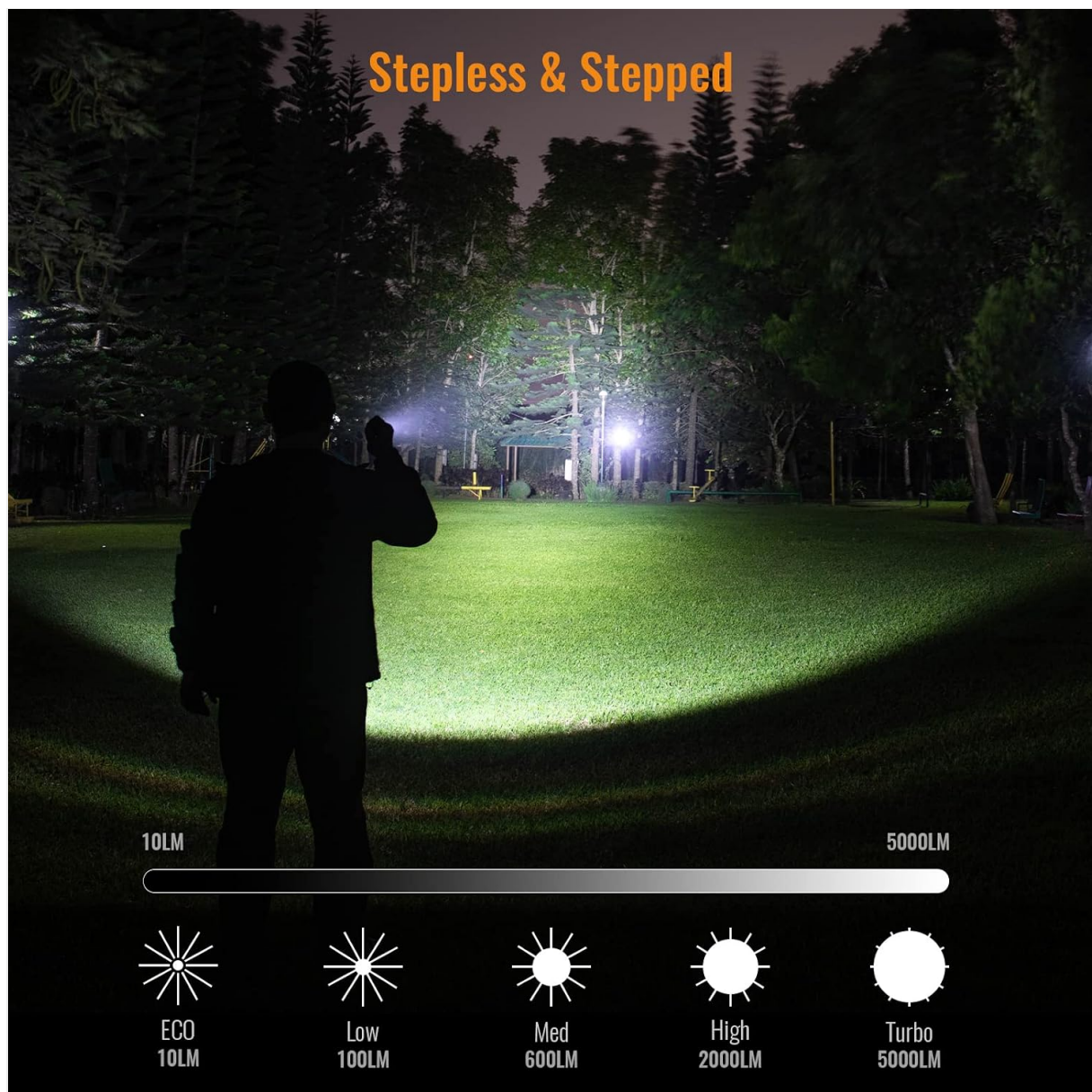


Image: The sofirn SP33S flashlight, illustrating its compact design and highlighting features such as 5000 lumen max output, 264 meter max throw, 5.5 hours medium mode runtime, battery indicator, 1 meter impact resistance, and IPX8 waterproofing. A crucial note advises to fully tighten the head and tail caps for proper function.

Charging the Battery

The flashlight is equipped with a USB-C charging port. To charge the included battery:

1. Locate the USB-C charging port on the flashlight body.
2. Connect a USB-C cable to the port and the other end to a compatible USB power source (e.g., wall adapter, computer).
3. The charging indicator will show the charging status. A full charge typically takes approximately 3.5 hours.

OPERATING INSTRUCTIONS

Basic Operation

- **Power On/Off:** Press the side switch once to turn the flashlight on or off.
- **Mode Cycling (Stepped):** When the flashlight is on, press and hold the side switch to cycle through Eco, Low, Medium, and High modes. Release the switch to select the desired brightness.
- **Turbo Mode:** Double-click the side switch from any state (on or off) to activate Turbo mode. Double-click again to return to the previous mode.

- **Strobe Mode:** Triple-click the side switch from any state (on or off) to activate Strobe mode. Triple-click again to return to the previous mode.
- **Moonlight Mode (Eco):** From off, press and hold the side switch for approximately one second to activate Moonlight (Eco) mode.
- **Mode Memory:** The flashlight will remember the last used brightness level (except Turbo and Strobe) when turned off and on again.



Image: A person using the sofirn SP33S flashlight in an open field at night, showcasing the different brightness levels from Eco (10 lumens) to Turbo (5000 lumens) and their respective illumination ranges. This image demonstrates the flashlight's 'Stepless & Stepped' dimming capabilities.

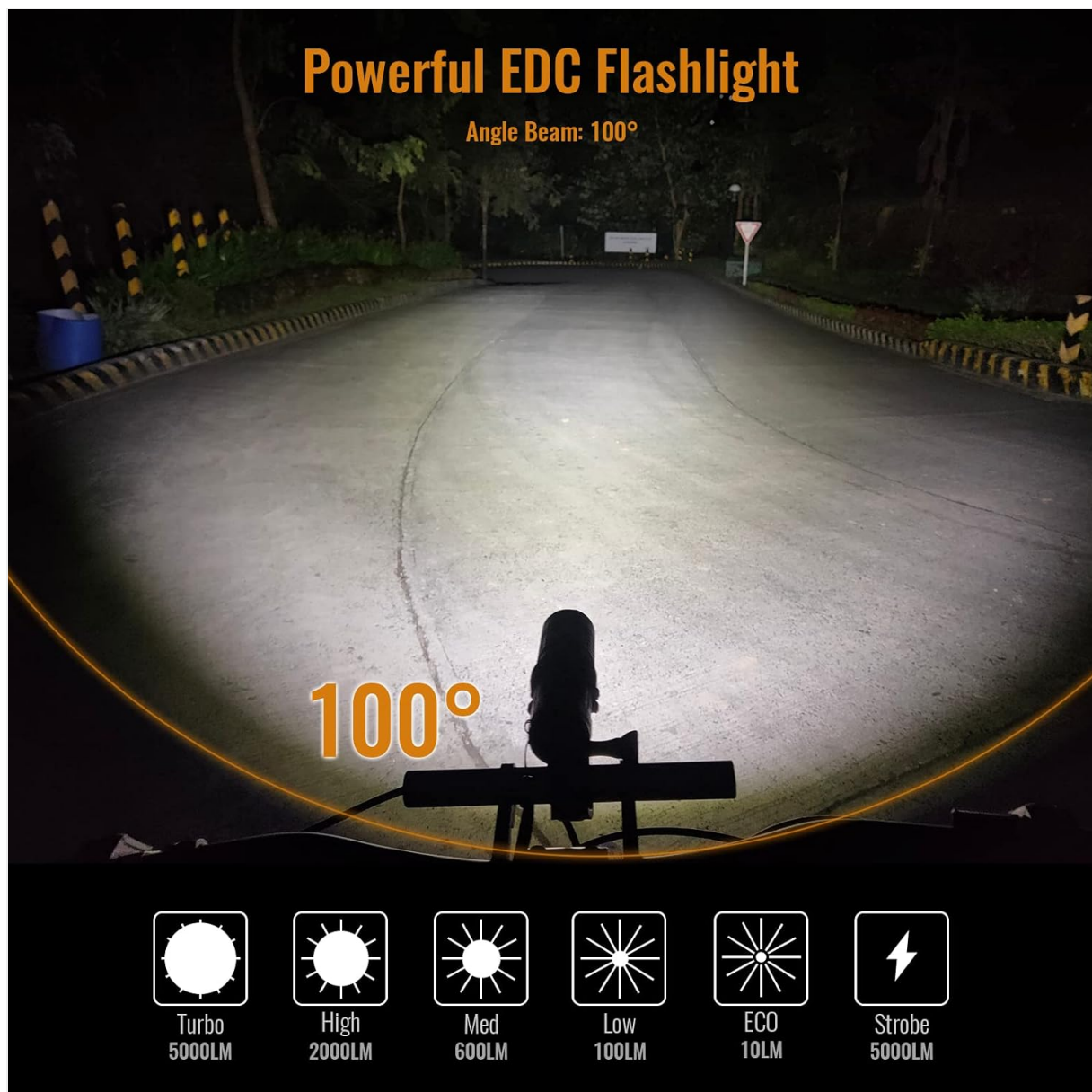


Image: The sofirn SP33S flashlight illuminating a road at night, demonstrating its 100-degree wide beam angle. Icons below illustrate the available modes: Turbo (5000LM), High (2000LM), Med (600LM), Low (100LM), Eco (10LM), and Strobe (5000LM).

Power Bank Functionality

The SP33S can also function as a power bank to charge other devices. Connect your device to the flashlight's USB-C port using a compatible cable. The flashlight can provide up to 15W of power output.

MAINTENANCE

Cleaning and Care

- Regularly clean the flashlight body with a soft, damp cloth.
- If the flashlight experiences intermittent operation, wipe the battery ends and the spring with alcohol to ensure good electrical contact.
- Keep the threads of the head and tail caps clean and lubricated with silicone grease to maintain water resistance and smooth operation.

Battery Care

- Store the flashlight with a partially charged battery if not used for extended periods.

- Avoid fully discharging the battery to prolong its lifespan.
- Use only the recommended battery type (26650 Lithium Ion) for optimal performance and safety.

Water Resistance

The SP33S is rated IPX8 waterproof, meaning it can be submerged in water up to 2 meters for 30 minutes. Ensure all caps are tightly sealed before exposing the flashlight to water.

TROUBLESHOOTING

- **Flashlight does not light up:**
 - Ensure the battery is inserted correctly with the positive (+) end facing the head.
 - Fully tighten both the head and tail caps. Loose connections can prevent operation.
 - Wipe the battery contacts and spring with alcohol to remove any dirt or corrosion.
 - Check if the battery is charged. Connect to a USB-C charger.
- **Flashlight gets hot on Turbo mode:**
 - High lumen output generates significant heat. This is normal for powerful flashlights.
 - The flashlight has built-in temperature regulation to prevent overheating. It may automatically step down brightness to protect components.
 - Reduce the brightness level if prolonged use at high output is not required.
- **Intermittent operation:**
 - Check battery charge level.
 - Ensure battery contacts are clean and free of debris.
 - Verify head and tail caps are securely tightened.

SPECIFICATIONS

Feature	Specification
Model Number	SP33S
Light Source Type	LED
White Brightness (Max)	5000 Lumens
Light Path Distance (Max)	264 Meters
Power Source	Battery Powered
Battery Type	1 x Lithium Ion (26650, included)
Charging Port	USB-C
Runtime (Max)	45 hours (Low mode)
Material	Aerospace Grade 6063 Aluminum Alloy
Water Resistance Level	IPX8 (Waterproof)
Item Weight	139 Grams

Product Dimensions	126mm (length) × 36mm (head diameter)
Special Features	Portable, Rechargeable, Power Bank Function

WARRANTY INFORMATION

The sofirn SP33S flashlight comes with a **1-year manufacturer's warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or normal wear and tear. Please retain your proof of purchase for warranty claims.

SUPPORT

For further assistance, technical support, or warranty inquiries regarding your sofirn SP33S flashlight, please contact sofirn customer service. Refer to the product packaging or the official sofirn website for the most current contact information.