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Sofirn SP36 Pro Flashlight Instruction Manual

MODEL: SP36

Introduction

Thank you for choosing the Sofirn SP36 Pro, a high-performance, super bright flashlight designed for various lighting needs. This manual provides detailed instructions on how to set up, operate, maintain, and troubleshoot your device to ensure optimal performance and longevity.



The Sofirn SP36 Pro, a compact and powerful flashlight.

Package Contents

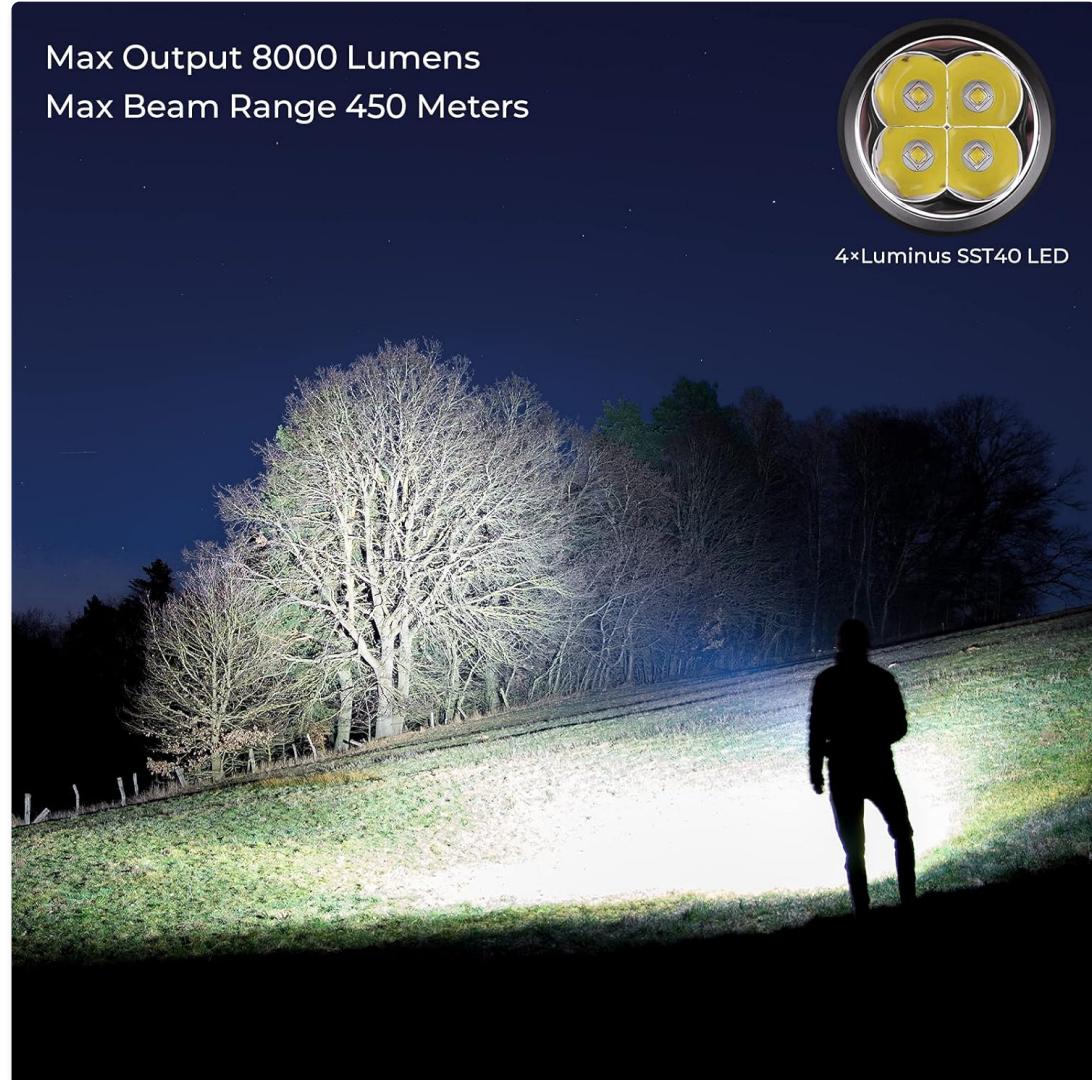
Please verify that all items are present in your package:

- 1 x Sofirn SP36 Pro Flashlight
- 3 x 18650 Batteries (pre-inserted)
- 1 x USB-A to USB-C Charging Cable
- 1 x User Manual
- 2 x Spare O-rings

Product Features

- **Ultra Bright Output:** Equipped with SS-T40 5000K LED, delivering up to 8000 Lumens and a

maximum beam distance of 450 meters.



The flashlight illuminates a wide area with its powerful 8000 lumen output.

- **Anduril 2.0 Programmable UI:** Features a remarkable user interface with multiple light modes to suit various scenarios.
- **Onboard USB-C Charging:** Built-in USB-C charging port allows for convenient and fast recharging via computer or car charger.



The flashlight features a convenient USB-C charging port for easy power replenishment.

- **Compact & Tough Design:** With a 50mm head and 126.7mm length, weighing 300g (without batteries), its soda can-shaped design offers a comfortable grip. Constructed with durable Aluminum shell and IPX8 waterproof rating.



The IPX8 waterproof rating ensures durability in wet conditions.

Setup and First Use

- Battery Installation:** The flashlight comes with batteries pre-inserted. Before first use, unscrew the tail cap and remove the small piece of insulating paper located between the battery and the contact point. Ensure the batteries are correctly oriented (positive end towards the head).
- Initial Charge:** It is recommended to fully charge the flashlight before its first use. Connect the provided USB-C cable to the flashlight's charging port and a compatible USB power source. The indicator light on the button will show charging status.
- Temperature Calibration:** For maximum output and accurate thermal regulation, perform temperature calibration as per the Anduril 2.0 UI instructions (refer to the Operating Instructions section or the included manual for detailed steps).

Operating Instructions (Anduril 2.0 UI)

The Sofirn SP36 Pro utilizes the advanced Anduril 2.0 user interface, offering both a Simple UI and

an Advanced UI. The flashlight typically ships in Simple UI mode.

Basic Operation (Simple UI)

- **Turn On/Off:** Single click the side button to turn the flashlight on or off.
- **Stepless Ramping:** When ON, press and hold the button to smoothly increase or decrease brightness. Release the button at your desired brightness level.



The flashlight offers a wide range of brightness levels, from a dim 7 lumens to a powerful 8000 lumens.

- **Turbo Mode:** From ON, double-click and hold to jump directly to Turbo mode. Release to return to the previous brightness.
- **Firefly/Moonlight Mode:** From OFF, press and hold the button for a very low output, ideal for discreet lighting.
- **Mode Memory:** The flashlight will remember the last used brightness level (except for Turbo and Firefly/Moonlight) when turned off and back on.

Advanced Features (Advanced UI)

To access the full range of Anduril 2.0 features, switch to Advanced UI. This includes stepped ramping, special modes (strobe, beacon, lightning), and battery voltage check.

- **Switching UI:** From ON, 10 clicks and hold on the 10th click to switch between Simple UI and Advanced UI.
- **Battery Voltage Check:** From OFF, 3 clicks to blink out the battery voltage (e.g., 4 blinks, pause, 1 blink for 4.1V).

For a complete guide to all Anduril 2.0 features, please refer to the detailed instructions in the included manual or online resources for Anduril 2.0 UI.

Charging

The Sofirn SP36 Pro features a built-in USB-C charging port, allowing you to charge the included 18650 batteries directly within the flashlight. This eliminates the need for an external charger.

- **Charging Process:** Open the rubber cover on the side of the flashlight to reveal the USB-C port. Insert the provided USB-A to USB-C cable into the port and connect the other end to a USB power source (e.g., wall adapter, power bank, computer USB port).
- **Charging Indicator:** The power button will illuminate to indicate charging status. Typically, a flashing blue light indicates charging, and a solid blue light indicates a full charge.
- **Charging Time:** A full charge for the three 18650 batteries typically takes approximately 5 hours with a 5V 2A power source.

Maintenance

- **Cleaning Contacts:** If you experience a bad connection or intermittent operation, wipe the spring or the ends of the battery with alcohol to remove any debris or residue.
- **Tightening Tubes:** Ensure the flashlight body tubes are fully tightened to maintain proper electrical contact and water resistance.
- **Long-Term Storage:** When not in use for an extended period, unscrew the body tube slightly or remove the batteries to prevent accidental activation and battery drain.
- **Water Resistance:** Always ensure the USB-C port's rubber cover is securely closed to maintain the IPX8 waterproof rating.

Troubleshooting

- **Flashlight Not Turning On:**
 - Check if the insulating paper has been removed from between the battery and contact.
 - Ensure batteries are inserted with correct polarity.
 - Fully tighten the body tubes to ensure proper electrical connection.
 - Charge the batteries if they are depleted.
- **Intermittent Operation:**
 - Clean battery contacts and springs with alcohol.
 - Ensure all parts are securely tightened.

- **Reduced Brightness/Runtime:**

- Perform temperature calibration as per the Anduril 2.0 UI instructions.
- Ensure batteries are fully charged.

Specifications

Brand	sofirn
Model	SP36
Light Source Type	LED (4*LED 5000K)
White Brightness	8000 Lumens (Max)
Light Path Distance	450 Meters
Power Source	Battery Powered (3 Lithium Polymer 18650 batteries included)
Charging Port	USB-C
Material	Aluminum
Water Resistance Level	IPX8 Waterproof
Item Weight	300 Grams (without batteries)
Runtime	72 hours (low setting)

Warranty and Support

The Sofirn SP36 Pro comes with a 1-year manufacturer's warranty covering defects in materials and workmanship.

For technical support, warranty claims, or additional product information, please visit the official Sofirn website or contact their customer service through the details provided on their packaging or official store page.

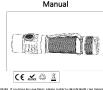
You can find more information and support at the [Sofirn Amazon Store](#).

Related Documents - SP36



[Sofirn SP36 BLF Anduril \(SP36 Pro\) User Manual](#)

User manual for the Sofirn SP36 BLF Anduril and SP36 Pro flashlights, detailing safety precautions, quick start guide, UI diagram, specifications, blinkies, general configuration, thermal configuration, and troubleshooting.

 <p>SC31 Pro (Anduril2.0) Manual</p> <p><small>Thank you for choosing the Sofirn SC31 Pro. This manual contains important information about the use and care of your Sofirn SC31 Pro. Please read this manual completely before using the product. The Sofirn SC31 Pro is a high-performance LED flashlight. It features a Cree XHP50 LED, a 21700 battery, and a compact, ergonomic design. The SC31 Pro is designed for everyday carry and emergency use. It has a maximum output of 1000 lumens and a beam distance of up to 250 meters. The flashlight is water-resistant and has a durable, impact-resistant housing. The Anduril 2.0 UI is easy to use and provides a range of operating modes. The SC31 Pro is a reliable and versatile tool for any situation.</small></p>	<p>Sofirn SC31 Pro Flashlight User Manual</p> <p>Comprehensive user manual for the Sofirn SC31 Pro flashlight, detailing its features, operation, safety instructions, and maintenance. Covers both Simple and Advanced UI modes powered by Anduril 2.</p>																																																
 <p>Sofirn SC28 Manual</p> <p><small>The Sofirn SC28 is a high-performance EDC flashlight. It features a Cree XHP35 HI LED, a 16340 battery, and a compact, ergonomic design. The SC28 is designed for everyday carry and emergency use. It has a maximum output of 2800 lumens and a beam distance of up to 250 meters. The flashlight is water-resistant and has a durable, impact-resistant housing. The Anduril 2.0 UI is easy to use and provides a range of operating modes. The SC28 is a reliable and versatile tool for any situation.</small></p> <p>ANSI/NEMA FL1 Chart</p> <table border="1"> <thead> <tr> <th>Mode</th> <th>Low</th> <th>Med</th> <th>Hi</th> <th>Med</th> <th>Hi</th> <th>Med</th> <th>Hi</th> </tr> </thead> <tbody> <tr> <td>Low</td> <td>1000 lm</td> </tr> <tr> <td>Med</td> <td>1000 lm</td> </tr> <tr> <td>Hi</td> <td>1000 lm</td> </tr> <tr> <td>Med</td> <td>1000 lm</td> </tr> <tr> <td>Hi</td> <td>1000 lm</td> </tr> </tbody> </table>	Mode	Low	Med	Hi	Med	Hi	Med	Hi	Low	1000 lm	Med	1000 lm	Hi	1000 lm	Med	1000 lm	Hi	1000 lm	<p>Sofirn SC28 Rechargeable EDC Flashlight User Manual</p> <p>Comprehensive user manual for the Sofirn SC28 rechargeable EDC flashlight, covering specifications, operation, safety, and troubleshooting. Features 2800 lumens output and ANSI/NEMA FL1 performance data.</p>																														
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 <p>Sofirn Q8 Plus Manual</p> <p><small>The Sofirn Q8 Plus is a high-performance LED flashlight. It features a Cree XHP35 HI LED, a 16340 battery, and a compact, ergonomic design. The SC28 is designed for everyday carry and emergency use. It has a maximum output of 2800 lumens and a beam distance of up to 250 meters. The flashlight is water-resistant and has a durable, impact-resistant housing. The Anduril 2.0 UI is easy to use and provides a range of operating modes. The SC28 is a reliable and versatile tool for any situation.</small></p> <p>ANSI/NEMA FL1 Chart</p> <table border="1"> <thead> <tr> <th>Mode</th> <th>Low</th> <th>Med</th> <th>Hi</th> <th>Med</th> <th>Hi</th> <th>Med</th> <th>Hi</th> </tr> </thead> <tbody> <tr> <td>Low</td> <td>1000 lm</td> </tr> <tr> <td>Med</td> <td>1000 lm</td> </tr> <tr> <td>Hi</td> <td>1000 lm</td> </tr> <tr> <td>Med</td> <td>1000 lm</td> </tr> <tr> <td>Hi</td> <td>1000 lm</td> </tr> </tbody> </table>	Mode	Low	Med	Hi	Med	Hi	Med	Hi	Low	1000 lm	Med	1000 lm	Hi	1000 lm	Med	1000 lm	Hi	1000 lm	<p>Sofirn Q8 Plus Flashlight User Manual</p> <p>Comprehensive user manual for the Sofirn Q8 Plus flashlight, detailing its features, operation, specifications, and maintenance. Covers Anduril 2 UI, battery installation, charging, and troubleshooting.</p>																														
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 <p>Sofirn SC32 Manual</p> <p><small>The Sofirn SC32 is a high-performance LED flashlight. It features a Cree XHP35 HI LED, a 16340 battery, and a compact, ergonomic design. The SC32 is designed for everyday carry and emergency use. It has a maximum output of 2000 lumens and a beam distance of up to 250 meters. The flashlight is water-resistant and has a durable, impact-resistant housing. The Anduril 2.0 UI is easy to use and provides a range of operating modes. The SC32 is a reliable and versatile tool for any situation.</small></p> <p>ANSI/NEMA FL1 Chart</p> <table border="1"> <thead> <tr> <th>Mode</th> <th>Low</th> <th>Med</th> <th>Hi</th> <th>Med</th> <th>Hi</th> <th>Med</th> <th>Hi</th> </tr> </thead> <tbody> <tr> <td>Low</td> <td>2000 lm</td> </tr> <tr> <td>Med</td> <td>2000 lm</td> </tr> <tr> <td>Hi</td> <td>2000 lm</td> </tr> <tr> <td>Med</td> <td>2000 lm</td> </tr> <tr> <td>Hi</td> <td>2000 lm</td> </tr> </tbody> </table>	Mode	Low	Med	Hi	Med	Hi	Med	Hi	Low	2000 lm	Med	2000 lm	Hi	2000 lm	Med	2000 lm	Hi	2000 lm	<p>Sofirn SC32 Flashlight User Manual: Features, Operation, and Specifications</p> <p>Comprehensive user manual for the Sofirn SC32 flashlight, detailing its features, ANSI/NEMA FL1 performance, operation modes, charging, safety instructions, and troubleshooting. Learn how to use your 2000-lumen LED flashlight.</p>																														
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 <p>SOFIRN® SOFIRN IF23 PRO MANUAL</p> <p><small>The Sofirn IF23 PRO is a high-performance LED flashlight. It features a Cree XHP35 HI LED, a 16340 battery, and a compact, ergonomic design. The SC32 is designed for everyday carry and emergency use. It has a maximum output of 2000 lumens and a beam distance of up to 250 meters. The flashlight is water-resistant and has a durable, impact-resistant housing. The Anduril 2.0 UI is easy to use and provides a range of operating modes. The SC32 is a reliable and versatile tool for any situation.</small></p>	<p>Sofirn IF23 PRO LED Flashlight User Manual</p> <p>Comprehensive user manual for the Sofirn IF23 PRO, an upgraded, powerful, and rechargeable LED flashlight. Includes specifications, operation instructions, battery indicators, and contact information.</p>																																																