

## OLIGHT S2R II Handheld Flashlight

# OLIGHT S2R II 1150 Lumens EDC Flashlight User Manual

Brand: OLIGHT | Model: S2R II Handheld Flashlight

## 1. INTRODUCTION

The OLIGHT S2R II is an upgraded version of the popular S2R predecessor, designed for everyday carry (EDC). It features a compact build, high lumen output, and convenient magnetic charging. This manual provides essential information for the proper setup, operation, and maintenance of your S2R II flashlight.

Key features include a maximum output of 1150 lumens, an upgraded TIR lens for a balanced beam, a multi-function side switch with a battery indicator, and a highly efficient MCC 1A magnetic charging system.

## 2. PACKAGE CONTENTS

Upon opening your OLIGHT S2R II package, please ensure all the following items are present:

- OLIGHT S2R II Handheld Flashlight
- Customized Rechargeable Battery (pre-installed)
- MCC 1A Magnetic Charging Cable
- Dual-Direction Pocket Clip (one pre-installed, one spare)
- Lanyard
- Pouch
- User Manual (this document)

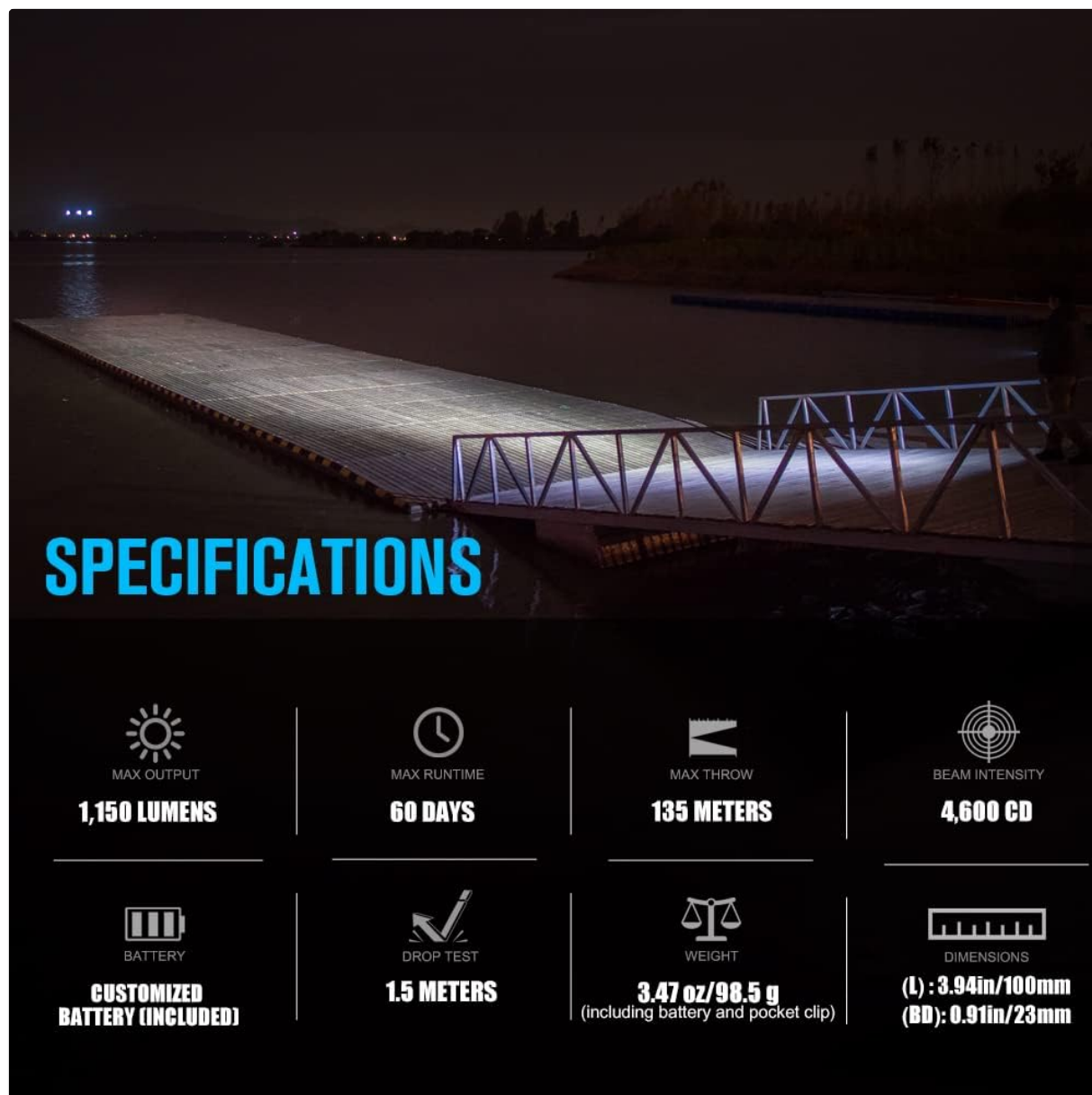


Figure 1: OLIGHT S2R II Package Contents. Includes the flashlight, magnetic charging cable, lanyard, pocket clip, and storage pouch.

## 3. SETUP

### 3.1 Battery Installation

Before first use, unscrew the body of the flashlight and remove the insulating film from the battery. Ensure the negative polarity side of the battery is inserted facing the direction of the flashlight head (the side of the LED). Screw the body back on securely.



Figure 2: Battery Installation. Remove the insulating film before first use and ensure correct polarity.

### 3.2 Charging

The S2R II features a magnetic charging system. Connect the MCC 1A USB charging cable to a USB power source (e.g., computer, car charger, power bank, or USB wall adapter). Attach the magnetic end of the cable to the tailcap of the flashlight. The battery indicator on the side switch will show charging status.

## BATTERY INSTALLATION

If the battery needs to be changed, Make sure that the negative polarity side is inserted facing the direction of the flashlight head (the side of the LED)

Before first use, Unscrew the body and take off the insulating film.

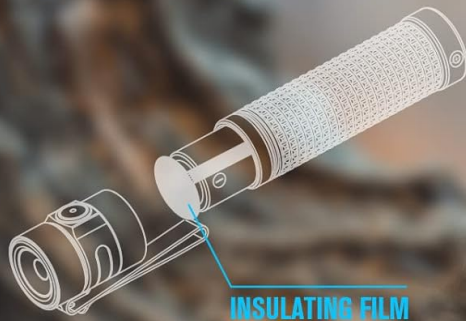


Figure 3: Magnetic Charging System. The flashlight can be conveniently charged via its magnetic tailcap.

## 4. OPERATING INSTRUCTIONS

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### 4.1 Multi-Function Side Switch

The S2R II is operated via its side switch. It offers several modes:

- **Moonlight Mode:** For ultra-low illumination (0.5 lumens), ideal for maintaining night vision.
- **Standard Modes:** Three levels of brightness (15 lumens, 120 lumens, 400 lumens) for various everyday tasks.
- **Turbo Mode:** Provides the maximum output of 1150 lumens for intense illumination.
- **Strobe Mode:** A high-frequency flashing mode for signaling or disorienting.

### 4.2 Battery Indicator

The side switch features a built-in battery indicator that changes color to show the remaining power level:

- **Green:** Power  $\geq 70\%$
- **Yellow:** Power 15% - 70%
- **Red:** Power  $\leq 15\%$





Figure 4: Battery Level Indication. The side switch illuminates to show remaining battery life.

### 4.3 Dual-Direction Pocket Clip

The S2R II is equipped with a dual-direction stainless steel pocket clip, allowing for versatile carrying options. It can be clipped onto a backpack strap, belt, cap brim, or pocket for enhanced everyday carry.



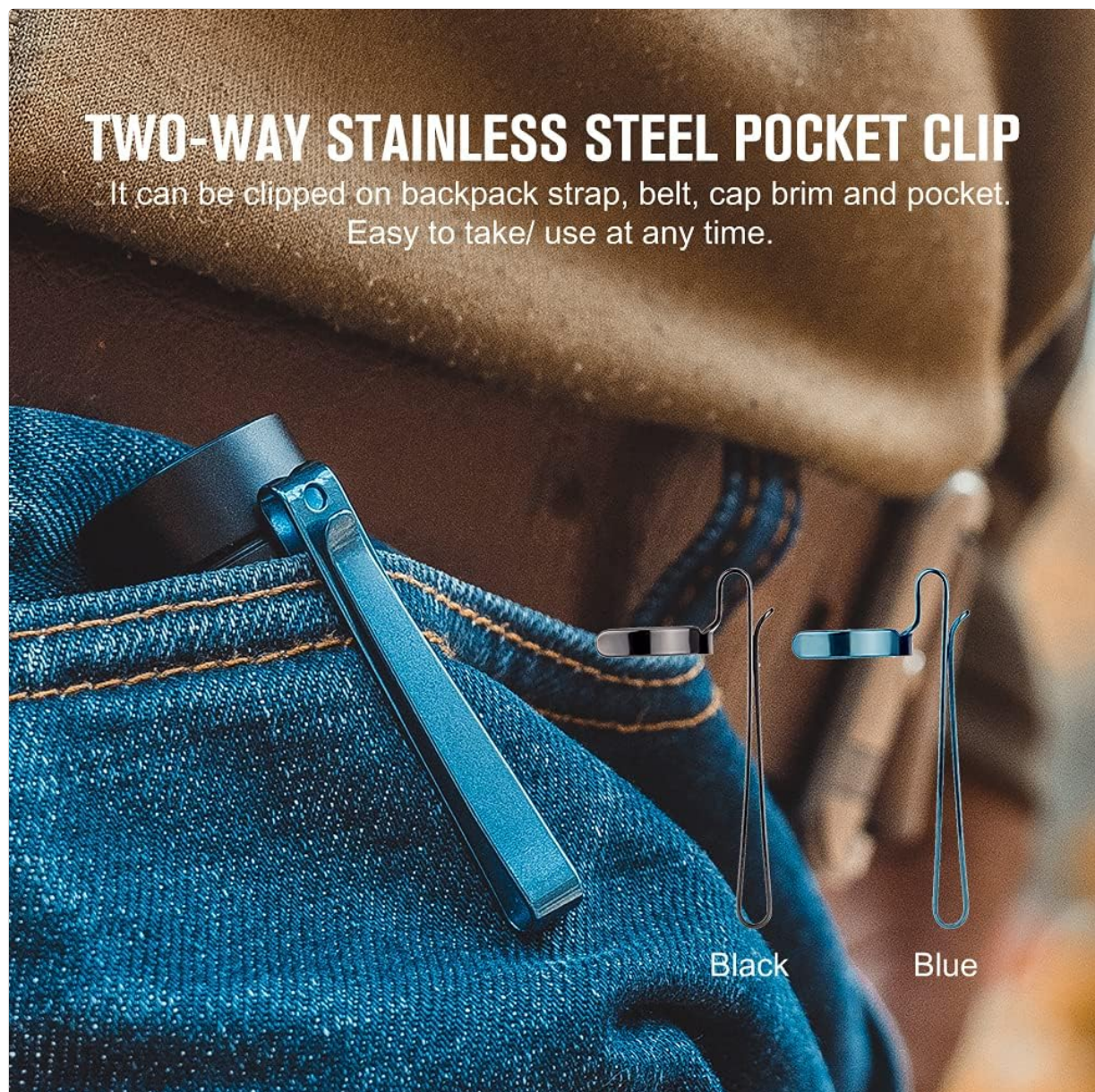


Figure 5: Dual-Direction Pocket Clip. Offers flexible attachment options for convenience.

#### 4.4 Hands-Free Convenience

The magnetic tailcap allows the flashlight to be attached to any iron surface, providing convenient hands-free illumination. This feature is particularly useful for tasks requiring both hands, such as vehicle maintenance or camping setup.

## HANDS-FREE CONVENIENCE

Clip it onto a cap brim or backpack strap in either direction, or attach its magnetic tail onto any iron surface. Rugged enough to survive occasional water immersion and falls.



Figure 6: Hands-Free Use. The magnetic tailcap allows attachment to metal surfaces.

## 5. MAINTENANCE

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To ensure the longevity and optimal performance of your OLIGHT S2R II flashlight, follow these maintenance guidelines:

- **Cleaning:** Regularly clean the lens and body of the flashlight with a soft, damp cloth. Avoid using harsh chemicals or abrasive materials.
- **Battery Care:** Charge the battery regularly, even if not in frequent use, to maintain its health. Store the flashlight with a partially charged battery if storing for extended periods.
- **O-rings:** Periodically check the O-rings for wear and tear. Lubricate them with silicone grease to maintain waterproof integrity. Replace if damaged.
- **Threads:** Keep the threads clean and lubricated to ensure smooth operation when unscrewing the body.

## 6. TROUBLESHOOTING

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If you encounter any issues with your OLIGHT S2R II flashlight, please refer to the following common troubleshooting steps:



- **Flashlight Not Turning On:**

- Ensure the battery insulating film has been removed.
- Check if the battery is fully charged.
- Verify the battery is inserted with correct polarity.
- Tighten the tailcap and head of the flashlight securely.

- **Light Output is Low or Flickering:**

- Charge the battery fully.
- Clean the battery contacts and the tailcap threads.

- **Magnetic Charging Not Working:**

- Ensure the magnetic charging cable is properly connected to a working USB power source.
- Clean the magnetic contact points on both the cable and the flashlight tailcap.

If the issue persists after attempting these steps, please contact OLIGHT customer support for further assistance.

## 7. SPECIFICATIONS

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Feature	Specification
Light Source	Luminus SST-40 LED
Compatible Battery	Customized rechargeable battery
Lens	TIR Lens
Max. Output	1150 Lumens
Max. Throw	135 Meters
Max. Candela	4600 cd
Body Material	AL6061-T6 Aluminum alloy, (Type III) hard anodized
Waterproof Rating	IPX8 (2 Meters)
Drop Test	1.5 Meters
Dimensions	0.91"D x 0.91"W x 3.94"H
Item Weight	3.36 ounces





Figure 7: Detailed Specifications of the OLIGHT S2R II.

## 8. OFFICIAL PRODUCT VIDEOS

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There are currently no official product videos from the seller available for embedding in this manual.







## 9. WARRANTY & SUPPORT

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The OLIGHT S2R II Handheld Flashlight comes with OLIGHT's 5-year warranty, covering defects in materials and workmanship under normal use. For warranty claims or technical support, please contact OLIGHT customer service directly.

For additional information or to download the official PDF user manual, please visit the [OLIGHT User Manual \(PDF\)](#).

**Related Documents - S2R II Handheld Flashlight**

	<p><a href="#">Olight Baton 4 User Manual</a></p> <p>Comprehensive user manual for the Olight Baton 4 rechargeable EDC flashlight, detailing specifications, operating instructions, features like auto shut-off and magnetic charging, and warranty information.</p>
	<p><a href="#">OLIGHT Warrior Mini 3 User Manual: Features, Operation, and Specifications</a></p> <p>Comprehensive user manual for the OLIGHT Warrior Mini 3 flashlight, covering specifications, operation instructions for side and tail switches, advanced features like battery indicator and light-sensing function, warranty, and support information.</p>
	<p><a href="#">Olight S1R Baton II User Manual</a></p> <p>Comprehensive user manual for the Olight S1R Baton II flashlight, detailing its specifications, operation, safety warnings, and warranty information. Learn how to use its various modes, charging features, and lockout functions.</p>
	<p><a href="#">Olight Oclip User Manual</a></p> <p>Comprehensive guide to operating and maintaining your Olight Oclip flashlight, detailing its features, operation, safety precautions, and warranty information.</p>
	<p><a href="#">Olight i5R EOS Flashlight User Manual</a></p> <p>User manual for the Olight i5R EOS flashlight, detailing package contents, specifications, operation, charging, safety warnings, and warranty information.</p>
	<p><a href="#">Olight Seeker 4 Mini User Manual: White and UV Flashlight Guide</a></p> <p>Comprehensive user manual for the Olight Seeker 4 Mini flashlight, detailing its features, operation, charging, and battery indicators for both white and UV light modes.</p>