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## OLIGHT RN2000-300000

# OLIGHT RN 2000 LED Rechargeable Bike Light User Manual

Model: RN2000-300000 | Brand: OLIGHT

## 1. INTRODUCTION

The OLIGHT RN 2000 is a high-performance LED bike light designed for both mountain and urban riding. It features a powerful 2000-lumen output, dual optics for versatile beam patterns, and smart sensors for adaptive lighting. This manual provides detailed instructions for optimal use and maintenance of your RN 2000 bike light.



Image: The OLIGHT RN 2000 bike light, highlighting its versatility as an all-rounder for various riding conditions.

## 2. WHAT'S IN THE Box

Verify that all the following components are included in your package:

- RN 2000 Bike Light ×1
- Handlebar mount ×1
- G-Pro mount ×1
- Remote control (incl. strap) ×1
- Aero bar compatible strap ×4

- 3mm hex key ×1
- Type-C USB cable ×1
- User manual ×1

## IN THE BOX

RN 2000 ×1  
Handlebar mount ×1  
G-pro mount ×1  
Remote control (incl. strap) ×1  
Aero bar compatible strap ×4  
3mm hex ×1  
Type-C USB cable ×1  
User manual ×1



Image: A visual representation of all items included in the OLIGHT RN 2000 product box.

## 3. SETUP AND INSTALLATION

### 3.1 Handlebar Mounting

The RN 2000 features a universal GM quarter-turn style mount for easy and secure attachment to most handlebars. It is compatible with 28mm, 31.8mm, and 35mm handlebars, including aero options. Use the provided 3mm hex key to tighten the mount securely to your handlebar. Ensure the light is firmly attached before riding.

## IPX6 WATERPROOF AND ALUMINUM HOUSING

IPX6 waterproof is able to hold up to all weather conditions. An internal thermal management system and aluminum housing ensure efficient heat dissipation.



Image: Demonstrates the tool-free mounting system for attaching the RN 2000 to a bicycle handlebar.

## 4. OPERATING INSTRUCTIONS

### 4.1 Power On/Off and Brightness Adjustment

To turn the light on or off, press and hold the power button for approximately 3 seconds. Once on, click the power button to cycle through brightness levels. The light features an up-down button for intuitive brightness control and an accurate battery display.

# UP-DOWN BRIGHTNESS CONTROL WITH ACCURATE BATTERY DISPLAY

The up-down button on the light unit also makes it a breeze to get the correct illumination. The indicator on the bike light and remote can show you the battery power.



Image: Close-up of the RN 2000's control button, showing the up-down brightness control and battery indicator.

## 4.2 Dual Optics and Lighting Modes

The RN 2000 is equipped with two high-power LEDs, offering a unique combination of close-range floodlight and far-reaching spotlight beams. This dual optics system ensures comprehensive coverage and distance illumination. Double-click the button to switch between floodlight mode and hybrid mode. The light offers 8 lighting modes, including various floodlight, hybrid, and flash options.

# DUAL LED SETUP

Equipped with two high-power LEDs, max output of 2000 lumens.



Image: A detailed view of the RN 2000's dual LED setup, capable of 2000 lumens output.

# 8 LIGHTING MODES & DOUBLE OPTICS

The unique combination of close-range floodlight and far-reaching spotlight beam.



Double Optics

Close Range

Far Reaching

Spotlight Beam

Floodlight Beam

Day Flash

Night Flash

Mode	Floodlight			Hybrid			Flash	
	Low	Medium	High	Low	Medium	High	Day Flash	Night Flash
LUMENS	250LM	500LM	1000LM	500LM	1000LM	2000LM	0-2000LM	500-2000LM
h:min	17:30	09:00	04:30	10:30	05:20	03:20	10:30	06:30

Image: A table illustrating the 8 lighting modes, including floodlight, hybrid, and flash options with their respective lumen outputs and runtimes.

## 4.3 Smart Sensors

This bike light integrates a built-in light sensor that automatically adjusts brightness based on ambient light conditions, switching to a brighter setting when entering dark areas like tunnels. A vibration sensor helps conserve power by dimming or turning off the light when the bike is stationary.

# SMART SENSORS

This bike light features a built-in light sensor that automatically switches to a brighter setting when entering a tunnel and a vibration sensor to conserve power in a pit stop.



Image: Two cyclists riding at night, demonstrating how the smart sensors adapt the light's brightness to the environment.

## 4.4 Remote Control Operation

The included remote control allows for convenient operation of the light without removing your hands from the handlebars. It extends the on/off and mode switch functions, enabling you to instantly jump to full output mode with a single push.

# REMOTE CONTROL

This bicycle light can be controlled with a remote control. And you can instantly skip to a full output mode at the press of a button conveniently.



Image: A hand operating the remote control attached to a bike handlebar, with an inset showing the remote control unit.

Your browser does not support the video tag.

Video: Demonstrates the basic operation of the RN 2000 bike light, including power on/off, brightness adjustment, and mode changes.

Your browser does not support the video tag.

Video: Shows how to activate and utilize the smart mode feature on the RN 2000 bike light.

## 5. CHARGING AND POWER BANK FUNCTION

The RN 2000 bike light is fully rechargeable via its integrated USB-C port. It takes approximately 3.5 hours to fully charge the battery, providing a max runtime of 17.5 hours. The USB-C port also supports discharging, allowing you to power other devices such as your bike computer or smartphone while on the go.

# USB-C FAST CHARGING AND DISCHARGING

RN 2000 is rechargeable. And the integrated USB-C charging and discharging port allows you to power your bike computer, smartphone, or other devices.



Image: The RN 2000 light connected via USB-C to charge a smartphone, demonstrating its power bank capability.

## 6. MAINTENANCE

To ensure the longevity and optimal performance of your OLIGHT RN 2000 bike light, follow these maintenance guidelines:

- **Cleaning:** Regularly wipe the light body and lens with a soft, damp cloth to remove dirt and debris. Avoid using abrasive cleaners or solvents.
- **Water Resistance:** The RN 2000 is IPX6 waterproof, meaning it is protected against powerful water jets. While it can withstand heavy rain, avoid submerging it in water. Ensure the USB-C port cover is securely closed to maintain water resistance.
- **Storage:** Store the light in a cool, dry place when not in use. If storing for an extended period, charge the battery to approximately 50% every few months to preserve battery health.
- **Battery Care:** Avoid completely draining the battery frequently. Recharge the light promptly when the battery indicator shows low power.

## LONG-LASTING BATTERY

The rechargeable batteries included in RN 2000 take 3.5 hours to be charged fully. The runtime is up to 17.5 hours.



Image: Highlights the IPX6 waterproof rating and durable aluminum housing of the RN 2000, ensuring resilience in various weather conditions.

## 7. TROUBLESHOOTING

If you encounter issues with your OLIGHT RN 2000, please refer to the following common troubleshooting steps:

- Light not turning on:** Ensure the battery is charged. Press and hold the power button for 3 seconds to turn on. If the light is in lockout mode (indicator flashes red), press and hold the button for 3 seconds until the indicator turns green to unlock it.
- Light not charging:** Check the USB-C cable and power adapter. Ensure the cable is securely connected to both the light and the power source. Try a different cable or adapter.
- Remote control not responding:** Ensure the remote control is paired with the light. If not, follow the pairing instructions in the full user manual. Check the remote control's battery.
- Inconsistent brightness:** If the smart sensor is active, it may be adjusting brightness based on ambient light. Try disabling smart mode if you prefer manual control.
- Mounting issues:** Ensure the handlebar mount is correctly sized for your handlebar and tightened securely with the provided hex key.

For more detailed troubleshooting or persistent issues, please refer to the comprehensive user manual PDF or contact OLIGHT customer support.

## 8. SPECIFICATIONS

Feature	Detail
Brand	OLIGHT
Model Name	RN2000-300000
Color	Black
Material	Aluminum
Power Source	Battery Powered
Brightness	2000 lumens (Max Output)
Max Throw	557ft (170 meters)

Max Runtime	17.5 hours
Number of Settings	5 (Floodlight, Hybrid, Flash modes)
Water Resistance Level	Waterproof (IPX6)
Mounting Type	Handlebar Mount
Charging Time	3.5 hours (full charge)
Dimensions (L x W x H)	7.13 x 3.11 x 2.91 inches (Item Package)
Weight	0.49 Kilograms (Package)

## 9. WARRANTY AND SUPPORT

### 9.1 Warranty Information

The OLIGHT RN 2000 LED Rechargeable Bike Light comes with a Lifetime Warranty. Please refer to the official OLIGHT warranty policy for full details and terms of coverage.

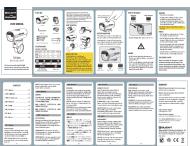
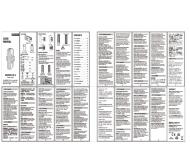
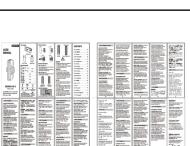
### 9.2 Product Support

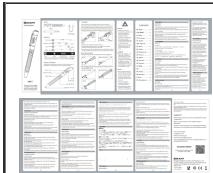
For additional information, detailed instructions, or technical support, please consult the official user manual PDF:

[Download User Manual \(PDF\)](#)

You can also visit the [OLIGHT Store on Amazon](#) for more product information and customer service options.

## Related Documents - RN2000-300000

	<p><a href="#">Olight RN 400 Bicycle Light User Manual</a></p> <p>User manual for the Olight RN 400 bicycle light, detailing its features, operation, charging, safety warnings, and warranty information.</p>
	<p><a href="#">Olight Seemee 30 C Bike Light User Manual</a></p> <p>Official user manual for the Olight Seemee 30 C rechargeable bike tail light. Learn about its specifications, installation, operation modes, charging, maintenance, and safety precautions for optimal cycling visibility.</p>
	<p><a href="#">Olight SEEMEE 30 C LED Rear Bike Light User Manual</a></p> <p>User manual for the Olight SEEMEE 30 C LED rear bike light. Learn how to install, operate, and recharge your light. Includes detailed specifications, safety warnings, and warranty information for this IPX6 waterproof, USB-C rechargeable cycling accessory.</p>



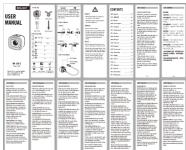
#### [Olight OPEN 2 Pen Flashlight User Manual](#)

Comprehensive user manual for the Olight OPEN 2, a versatile pen with an integrated LED flashlight. Learn about its features, operation, charging, refill replacement, specifications, and warranty information.



#### [Olight RN 2000 Bicycle Light User Manual](#)

Comprehensive user manual for the Olight RN 2000 bicycle light, detailing specifications, operation modes, charging instructions, safety precautions, and warranty information.



#### [Olight RN 120 C Smart Bicycle Tail Light User Manual](#)

Comprehensive user manual for the Olight RN 120 C smart bicycle tail light, detailing installation, operation, specifications, safety, and warranty information.