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NiteRider Lumina Pro 1200

NiteRider Lumina Pro 1200 Front Bike Light Instruction Manual

Model: Lumina Pro 1200

INTRODUCTION

The NiteRider Lumina Pro 1200 is a high-performance, rechargeable front bike light designed for various cycling activities including mountain biking, road cycling, and commuting. It features 1200 lumens of output, a durable housing, and a USB-C charging port for convenience. This manual provides essential information for the proper setup, operation, and maintenance of your Lumina Pro 1200 light.

SAFETY INFORMATION

- Always ensure the light is securely mounted before riding.
- Do not look directly into the light beam when it is active, as it can cause temporary vision impairment.
- Keep the light away from children.
- The light can become warm during extended use; avoid direct contact with skin when operating at high settings.
- Ensure the USB-C port cover is properly sealed to maintain water resistance.
- The Lumina Pro 1200 is set to lock mode at the factory. Unlock before use to prevent accidental activation and potential overheating during transport or storage.

PACKAGE CONTENTS

Verify that all items are present in your package:

- NiteRider Lumina Pro 1200 LED Headlight
- Handlebar Clamp Mount
- USB-C Charging Cable



SYSTEM INCLUDES: LED HEADLIGHT, HANDLEBAR CLAMP MOUNT, and USB-C CHARGING CABLE

Image: The NiteRider Lumina Pro 1200 light, handlebar clamp mount, and USB-C charging cable are included in the package.

SETUP

Mounting the Light

1. Attach the handlebar clamp mount to your bicycle handlebar. Ensure it is positioned centrally and securely tightened to prevent movement during your ride.
2. Slide the Lumina Pro 1200 light onto the mount until it clicks into place. Verify that the light is firmly seated.
3. Adjust the angle of the light to illuminate the path ahead without blinding oncoming traffic or pedestrians.



Image: The NiteRider Lumina Pro 1200 light securely attached to a bicycle handlebar using the clamp mount.

MEASURED LIGHT OUTPUT
1200 LUMENS

TYPICAL RUN TIMES
0:55-20:00h

WATER | DUST RESISTANT

FL1 STANDARDS

TESTED TO PERFORM MEETING FL1 STANDARDS IN LUMEN OUTPUT, RUN TIMES, AND WATER / DUST RESISTANCE

Image: The Lumina Pro 1200 light mounted on a bicycle handlebar, demonstrating its illumination capabilities and compact design.

CHARGING

The Lumina Pro 1200 features a convenient USB-C charging port.

1. Locate the USB-C charging port on the light.
2. Connect the provided USB-C cable to the light and plug the other end into a compatible USB power source (e.g., computer, wall adapter).
3. The battery indicator will show charging status. A full charge typically takes approximately 4 hours.
4. Once fully charged, disconnect the cable and ensure the USB-C port cover is securely closed to maintain water resistance.



Image: The NiteRider Lumina Pro 1200 light highlighting its USB-C charging capability, charge time of 4 hours, and a weight of 193 grams.

OPERATING INSTRUCTIONS

Power On/Off and Mode Selection

- To turn the light ON, press and hold the power button for approximately 1-2 seconds.
- To cycle through light modes, press the power button briefly. The light features color-coded modes displayed through the power button switch.
- To turn the light OFF, press and hold the power button for approximately 1-2 seconds.

Lock Mode

The Lumina Pro 1200 includes a Lock Mode, ideal for storage and transport to prevent accidental activation and conserve battery life.

- To engage Lock Mode: Press and hold the power button for 8-10 seconds. The light will flash to indicate it is locked.
- To disengage Lock Mode: Press and hold the power button for 8-10 seconds. The light will flash to indicate it is unlocked and ready for use.
- **Important:** The Lumina Pro 1200 is factory-set to Lock Mode. Unlock it before initial use.

Battery Level Indicator

The integrated 8-step fuel gauge displays the current battery power levels, allowing you to monitor remaining charge.



Image: A close-up of the NiteRider Lumina Pro 1200, illustrating the color-coded light modes visible through the power button and the 8-step fuel gauge. The collimator lens provides a smooth light beam pattern.

LIGHT MODES AND RUN TIMES

The Lumina Pro 1200 offers multiple light modes to suit various riding conditions, with typical run times ranging from 55 minutes to 20 hours depending on the selected mode and brightness level.

The light is designed to meet FL1 Standards for lumen output, run times, and dust/water resistance.

MAINTENANCE

- Cleaning:** Wipe the light housing with a soft, damp cloth. Avoid using abrasive cleaners or solvents.
- Lens Care:** Keep the lens clean for optimal light output. Use a soft cloth to gently clean the lens.
- Storage:** When storing the light for extended periods, ensure it is fully charged and activate Lock Mode. Store in a cool, dry place. Recharge the battery every 3-6 months to maintain battery health.
- Water Resistance:** The light has an International Protection Rating of IP64, indicating resistance to

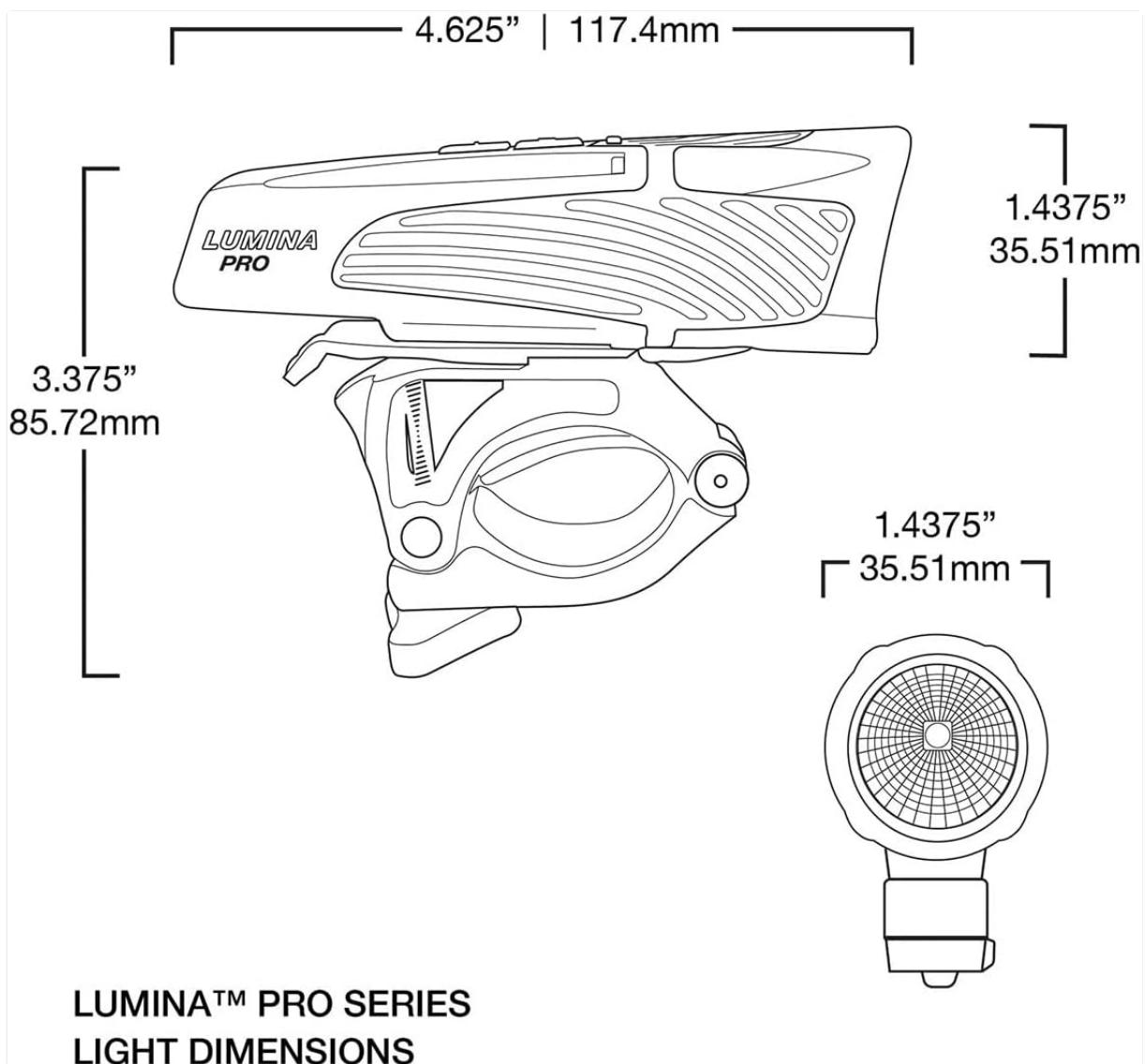
dust and splashing water. Do not submerge the light in water. Ensure the USB-C port cover is always sealed when not charging.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	Light is in Lock Mode or battery is depleted.	Disengage Lock Mode by holding the power button for 8-10 seconds. Charge the battery fully.
Shortened run time.	Battery not fully charged or operating in a high-power mode.	Ensure the battery is fully charged. Select a lower power mode for extended run times. Battery performance can be affected by cold temperatures.
Light flickers or turns off unexpectedly.	Low battery or loose connection.	Recharge the battery. Ensure the light is securely mounted and connections are firm.

SPECIFICATIONS

Feature	Detail
Brightness	1200 Lumens
Power Source	Battery Powered (Rechargeable)
Charging Port	USB-C
Charge Time	Approximately 4 hours
Item Weight	193 Grams
Material	DuPont Fiberglass reinforced nylon housing
Water Resistance Level	Water Resistant (IP64)
Mounting Type	Handlebar Mount (also helmet mountable option)
Number of Settings	8
Model Number	6851



LUMINA™ PRO SERIES LIGHT DIMENSIONS

Image: Technical drawing illustrating the dimensions of the NiteRider Lumina Pro 1200 light, including length, width, and height measurements.

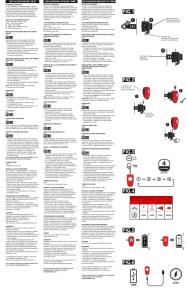
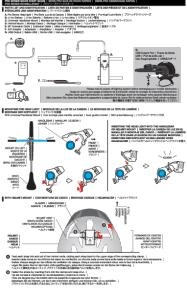
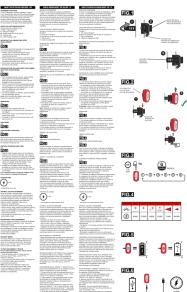
WARRANTY AND SUPPORT

Warranty Information

- **Limited Lifetime Warranty:** Covers defects in mechanical components (housings, covers, mounts, fasteners) and LEDs.
- **2-Year Warranty:** Applies to printed circuit boards, switches, and AC adapters.
- **1-Year Warranty:** Covers rechargeable battery cells.

For warranty claims or technical support, please refer to the official NiteRider website or contact their customer service department. Keep your proof of purchase for warranty validation.

Related Documents - Lumina Pro 1200

	<p><u>NiteRider Lumina OLED 1200 Boost LED Bike Light User Guide</u> Comprehensive user guide for the NiteRider Lumina OLED 1200 Boost high-powered LED bike light, covering operation, charging, mounting, and safety information.</p>
	<p><u>NiteRider Solas™ 250 Taillight User Guide</u> User manual and guide for the NiteRider Solas™ 250 taillight, covering installation, operation, charging, and warranty information.</p>
	<p><u>NiteRider Pro Series Quick Start Guide</u> Quickly set up and operate your NiteRider Pro Series bike light with this essential guide. Covers parts identification, mounting instructions for handlebars and helmets, battery management, and operational modes for enhanced cycling safety.</p>
	<p><u>NiteRider Pro 1800 Race User Guide</u> User guide for the NiteRider Pro 1800 Race bike light, covering mounting, operation, battery charging, safety tips, and warranty information.</p>
	<p><u>NiteRider Omega 330 EVO Taillight User Guide</u> User guide for the NiteRider Omega 330 EVO taillight, covering installation, operation, charging, and warranty information.</p>
	<p><u>NiteRider Lumina OLED 1200 Boost LED Bike Light User Guide</u> Comprehensive user guide for the NiteRider Lumina OLED 1200 Boost high-powered LED bike light, covering operation, charging, mounting, and safety information.</p>