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NiteRider Lumina 900 Boost

NiteRider Lumina 900 Boost USB Rechargeable LED Bike Light Instruction Manual

Model: Lumina 900 Boost

INTRODUCTION

The NiteRider Lumina 900 Boost is a high-performance, USB rechargeable LED bike light designed for mountain biking, road cycling, and commuting. It features powerful illumination, water resistance, and multiple lighting modes to enhance visibility and safety during your rides.



Image: The NiteRider Lumina 900 Boost LED Bike Light, showcasing its compact design and front-facing LED.

SETUP

1. Mounting the Light

The Lumina 900 Boost comes with an easy-on/easy-removal quick-release handlebar mount. This allows for instant attachment and detachment of the light, leaving the mount securely in place on your handlebars.

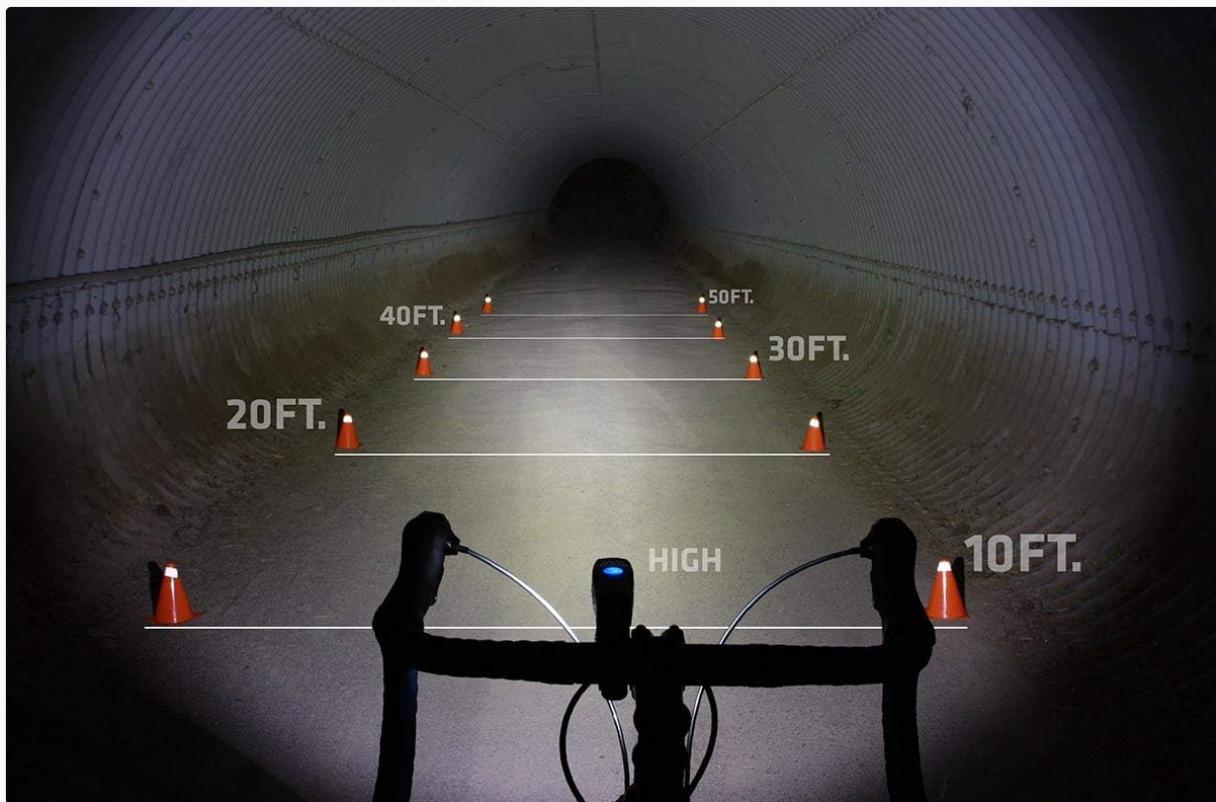


Image: The NiteRider Lumina 900 Boost securely mounted on bicycle handlebars, demonstrating its position for optimal illumination.

2. Initial Charge

Before first use, fully charge the light using the provided USB charging cable. The light can be recharged from any powered computer, device, or AC wall adapter. The charging port is located under a flap on the bottom of the unit.

3. Unlocking the Light

IMPORTANT: The Lumina 900 Boost is set to Lock Mode at the factory. Unlock before use. Unplug from charger before use.

To unlock the light, press and hold the power button for approximately 8-10 seconds until the light illuminates steadily. The power button will show a red light when locked and a blue light when unlocked.

Video: Demonstrates how to unlock the NiteRider Lumina series light by holding down the power button until the indicator changes from red to blue.

Video: Explains the lock mode feature for Lumina series lights, showing how to unlock them for use.

OPERATING INSTRUCTIONS

1. Power On/Off and Mode Selection

To power on the light, press and hold the power button. Once on, single-press the power button to cycle through the various lighting modes (low, medium, high, strobe, fast strobe). To power off, press and hold

the power button.

2. Boost Mode

The Lumina 900 Boost features a Boost mode for maximum light output. Double-click the power button to instantly activate the brightest setting (900 lumens). Double-click again to return to the previous mode.

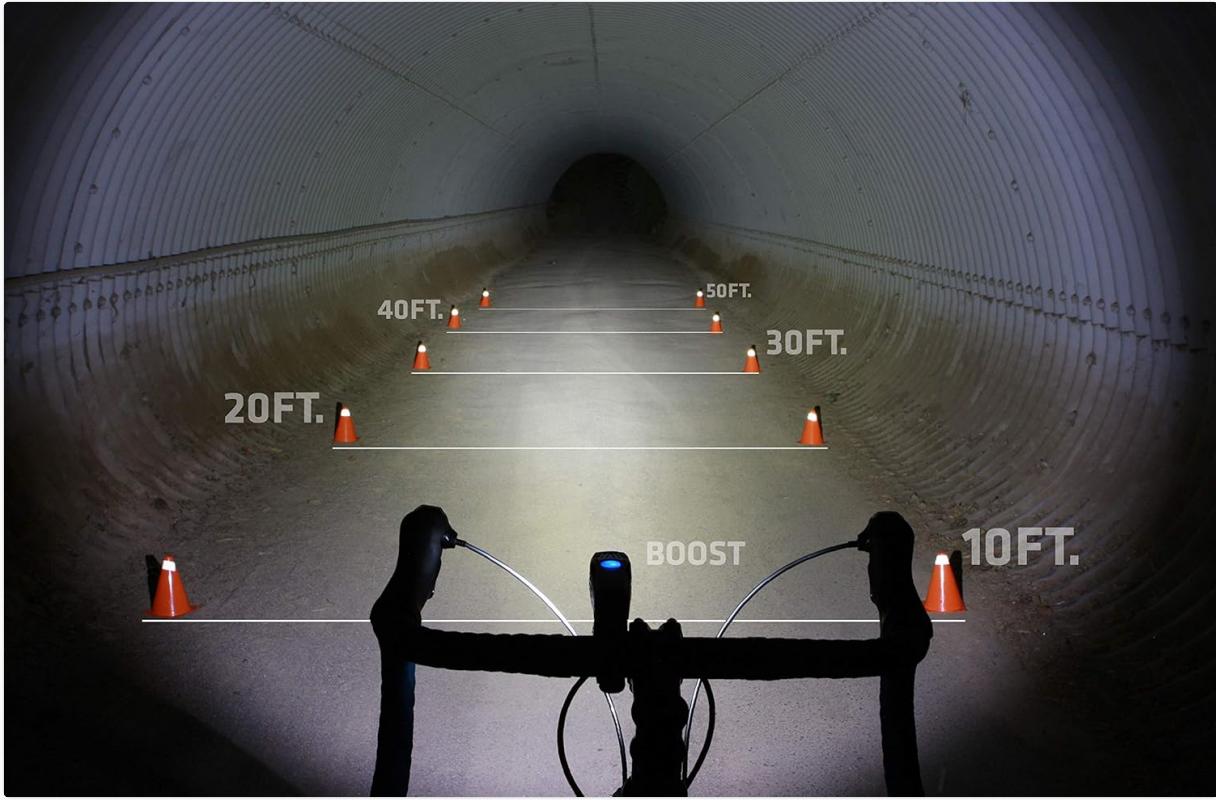


Image: The NiteRider Lumina 900 Boost illuminating a path in Boost mode, demonstrating its powerful light output.

3. Daylight Visible Flash (DVF)

The light includes a Daylight Visible Flash mode for increased visibility during daytime rides. This mode is designed to make cyclists more noticeable to drivers.

4. Low Battery Indicator

The power button serves as a low battery indicator. A blue light indicates a good battery level. A red light indicates the battery level is below 20% remaining.

Video: Highlights the Lumina Boost series, showcasing its high power for day or night use and various features.

Video: Overview of the NiteRider Lumina 900 Boost, demonstrating its features and use as a rechargeable bike light.

MAINTENANCE

1. Charging

Recharge the internal Li-Ion battery using the provided USB cable. Ensure the charging port flap is securely closed after charging to maintain water resistance.

2. Water and Dust Resistance

The Lumina 900 Boost is IP64 rated for water and dust resistance, utilizing gasket sealing. This design allows it to withstand diverse riding conditions and environments. Always ensure the charging port flap is properly sealed.



Image: The NiteRider Lumina 900 Boost with water splashing over it, illustrating its water-resistant design.

TROUBLESHOOTING

1. Light Not Turning On (Lock Mode)

If the light does not turn on, it may be in Lock Mode. To unlock, press and hold the power button for 8-10 seconds until the light illuminates steadily. The power button will indicate red when locked and blue when unlocked.

SPECIFICATIONS

Feature	Detail
Brand	NiteRider
Model Name	Lumina 900 Boost

Brightness	900 Lumens (Max)
Power Source	Battery Powered (Internal Li-Ion)
Charging	USB Rechargeable
Water Resistance	IP64 Rated
Material	Nylon
Item Weight	0.38 Pounds
Mounting Type	Handlebar Mount
Number of Settings	7

WARRANTY INFORMATION

NiteRider offers the following warranty coverage:

- **1-year Warranty:** Rechargeable battery cells.
- **2-year Warranty:** Printed circuit boards, switches, and AC adapters.
- **Limited Lifetime Warranty:** Covers any defects in mechanical components (housings, covers, mounts, and fasteners) and LEDs.

SUPPORT

For further assistance, technical support, or warranty claims, please visit the official NiteRider website or contact their customer service department.