



NiteRider Technical Lighting Systems, Inc.  
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**RIDING AT NIGHT**

While a Lumina lighting system will improve your view, control and enjoyment of night riding, please remember that cycling at night is an inherently dangerous activity. In addition to using your lighting system properly and riding with extreme caution, NiteRider urges you to:

- **Never ride alone.**
- **Always let someone know where you are going.**
- **Wear a helmet and reflective clothing.**
- **Carry an auxiliary light and emergency supplies.**
- **Make sure the headlamp & mounting bracket is securely fastened.**

**IMPORTANT INFORMATION!  
 LOCKING THE HEADLAMP FOR TRANSIT**

It is important to lock the headlamp and protect the switch from being pressed while it is in transit. The headlamp can be easily turned on if placed in something like a backpack, duffel bag or suitcase. The headlamp gets hot while in operation. To prevent potential damage from high heat or even fire, it is very important to put the headlamp in lock mode and protect the switch from being pressed.

NiteRider will not be held responsible for damages to person or property resulting from a failure to follow the 'lock' mode instructions.

**PROTECTING YOUR INVESTMENT**

Properly charge your battery to maximize its lifespan. (See the "Battery Charging and Care" section for detailed information)

The Lumina will perform in wet weather conditions, but submerging it in water will damage the system.

**SUPPORT**

If you experience difficulties during product installation or operation, NiteRider provides free telephone support on weekdays from 8:00 AM to 4:30 PM (Pacific Time) at 800.466.8366, ext 4.

You may also e-mail us at [support@niterider.com](mailto:support@niterider.com).

**WARRANTY**

NiteRider stands behind its products with the following warranties:

- Lifetime warranty on all mechanical components
- 2 years on electrical components
- 180 days on rechargeable batteries

To obtain warranty service, it is preferable to have your original sales receipt. Contact the NiteRider customer service department at 800.466.8366, ext 4 to obtain a Return Merchandise Authorization (RMA) number. The RMA number must be prominently displayed on the outside of your package. The product must be properly packaged to prevent damage in transit. For complete warranty information, please visit our website at [www.niterider.com](http://www.niterider.com).

<b>RUN TIMES</b>		
The Lumina 650 will run up to:		
<u>Light Level</u>	<u>Time*</u>	<u>Lumens</u>
High	1:30	650
Med	3:00	400
Low	5:30	200
Walk	18:00	40
The Lumina 500 will run up to:		
<u>Light Level</u>	<u>Time*</u>	<u>Lumens</u>
High	1:30	500
Med	3:00	250
Low	5:30	150
Walk	18:00	40
The Lumina 350 will run up to:		
<u>Light Level</u>	<u>Time*</u>	<u>Lumens</u>
High	2:00	350
Med	4:00	200
Low	6:00	125
Walk	21:00	30

\*Run times are approximations and will vary.



**Lumina: 350, 500, 650**

**LUMINA SERIES  
 USER GUIDE**

## DISCOVER THE NIGHT

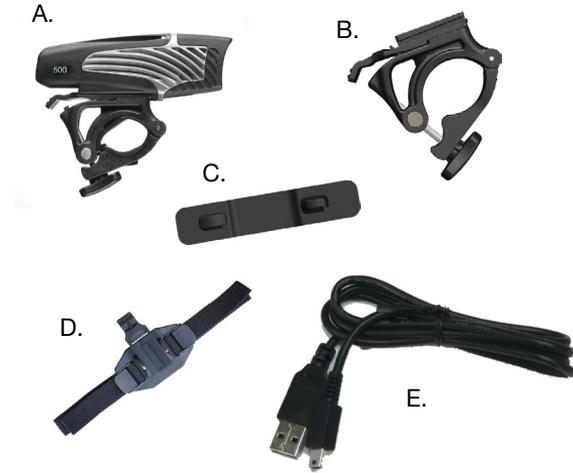
Thank you for choosing the Lumina from NiteRider, the innovator in technical lighting systems. The Lumina combines a self contained, high-powered, white LED headlamp with a rechargeable, replaceable Lithium Ion battery.

To get the most from your NiteRider light, we urge you to familiarize yourself with the following safety and operating instructions.

## PARTS LIST AND IDENTIFICATION

Please verify the contents of your Lumina system:

- A. Lumina (350, 500, 650)
- B. Lumina Handlebar Mount
- C. Lumina Handlebar Mount Shim
- D. Lumina Helmet Mount (included with 650)
- E. USB Charging Cable



**NOTE:** The Lumina headlamp is shipped in lock mode. The headlamp will not operate until it is unlocked. See the Operation section on how to unlock the headlamp.

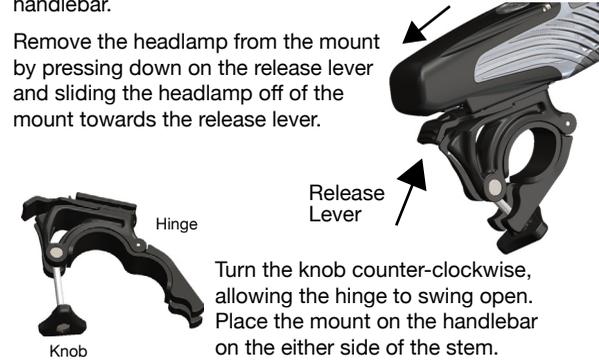
## MOUNTING

The Lumina can be mounted to the handlebar or a helmet.

### Lumina Handlebar Mount

The Lumina Handlebar Mount is designed to fit on virtually any handlebar.

Remove the headlamp from the mount by pressing down on the release lever and sliding the headlamp off of the mount towards the release lever.



Swing the hinge down to make contact with the handlebar. Swing the hex bolt up, seating the knob into its recess. Turn the knob clockwise to tighten and secure the mount to the handlebar.



Aim the headlamp by swiveling the headlamp back and forth.

### Helmet Mount

1. Unclamp the straps on each side of the helmet mount and pull them free
2. Position the plastic mounting plate as close to the centerline of the helmet as possible, orienting the parallel grooves on the slider clip to the rear.
3. Feed each strap into and out of two helmet vents, circling each strap back to the upper edge of the corresponding clamp.
4. Fasten the straps by inserting them into the clamps and snapping them shut.



## OPERATION

1. The Lumina headlamp is shipped in lock mode. In order to use the headlamp it must be unlocked. To unlock the headlamp, press and hold the power button for several seconds until the power button turns, or flashes blue. Release the power button.
2. The light has 5 modes - low, medium and high beam - daylight flash mode and walk mode. Press and release the headlamp power button to turn the light on. Cycle through the three brightness levels by pressing and releasing the power button.
3. To access the daylight visible flash mode and, press and hold the power button for greater than 3 seconds or until the headlamp begins to flash.

4. With the headlamp in flash mode, press and release the power button to access walk mode. From walk mode you can return to normal mode by pressing and releasing the power button.
5. To turn the light off from either normal, flash, or walk mode, press and hold the power button until the light turns off.
6. **Always put the light into lock mode during transport of the headlamp in order to prevent accidentally turning on the headlamp. To put the headlamp in lock mode, press and hold the power button for several seconds until the headlamp turns off and continue holding the power button down through flash mode until the power button turns or flashes red. Then let go of the Power button and test to make sure the light is in Lock Mode by tapping the power button, the light will not turn on if the lock mode is engaged. To Unlock the lock mode- See step #1 of OPERATION.**

### LOW BATTERY INDICATOR

With approximately 15 - 20% battery capacity remaining, the indicator LED on the headlamp will turn from blue to red.

### RESERVE MODE

Reserve Mode will automatically shift your light to low beam when the battery is very low and about to cut off. Once reserve mode starts you will only be able to use Low Beam, Flash Mode and Walking Mode. High Beam and Medium Beam will be disabled.

### BATTERY CHARGING AND CARE

1. Plug one micro USB side of the USB charging cable into the Lumina charging port and the other into your computer.
2. The LED charging indicator on the Lumina will remain red until the battery is fully charged; once charged it will then switch to blue.
3. Leaving the headlamp and USB charging cable connected indefinitely will not harm the battery.
4. When storing for an extended period of time, charge the battery every 3 months to maximize battery life.