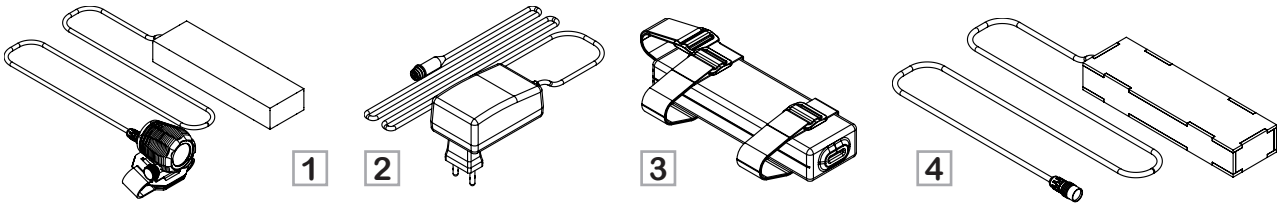
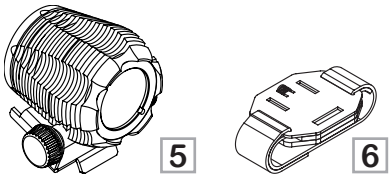
KATANA4 / XIPHOS4 BIKE LIGHT

adventure

The Katana4 mountain bike light combines the latest in LED technology with a robust housing and easy operation. The unit is easy to mount on both helmet and handlebar and features a safety release mechanism in case you misjudge one of those tree branches!





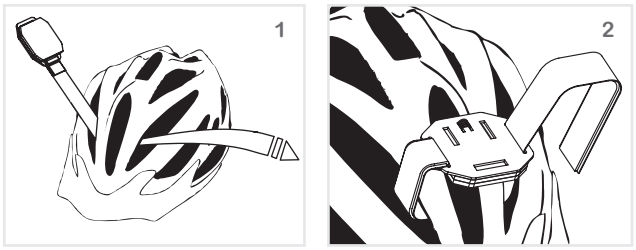
1. Full Assembly
2. Charger
3. Battery Bag*
4. Battery Box + Cable
5. Light Unit
6. Mounting Bracket

*optional

Attaching the bracket to a Helmet

1. Wrap the bracket strap through the openings on top of the helmet.
2. Securely tighten the strap by threading it through the opposite slot in the mounting plate, and pulling it in the direction of origin.

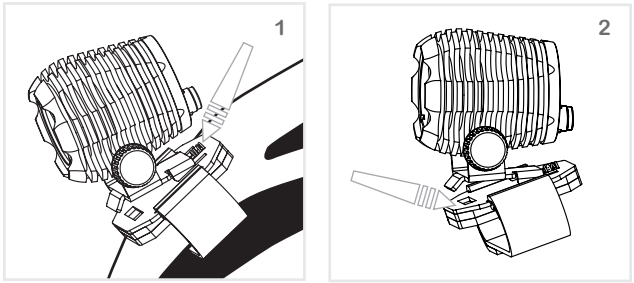
Caution: The foam pad under the mounting plate will compress and protect the helmet, but over tightening may result in damage to the helmet surface



Attaching & Removing the Light Unit

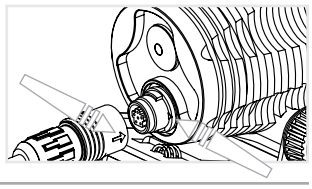
1. Slide the two locating legs of the Breakaway Bracket into the matching slots and slide to the back, making sure the spring is being compressed.
2. When the Breakaway Bracket has been pushed back far enough, the front will locate in it's slot and the light unit secured in place.
3. Reverse the steps to remove the Light Unit.

Caution: Make sure the Light unit is cool to the touch before handling



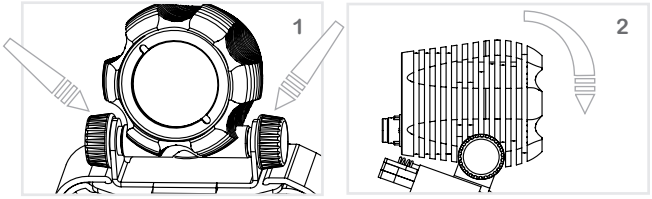
Attaching the Battery Cable

1. Connect cable while ensuring that locating marks are aligned and a click is heard to confirm connection.
2. To remove cable: pull back on connector sleeve and replace protection cap to prevent damage to the connection points and live battery terminals.



Adjusting the Beam Angle

1. Loosen the thumb screws on either side of the Light Unit
2. Adjust position and re-tighten



Securing Cable to helmet

1. Use the Velcro strap supplied to connect the cable to the helmet to keep cable out of the way.

Caution: In the case of a breakaway situation, this attachment will keep the light unit from being knocked too far back, potentially ending up in the wheels.

Lumière technologies

KATANA[4] / XIPHOS[4] BIKE LIGHT

Storing the Battery

1. Place the Battery in a backpack, Jacket pocket or somewhere convenient on your person.

Switching On/off

1. Use the switch on the back of the light unit to switch on and off and to change between modes

Action	Mode
Push once when on standby	50%
Push once when at 50%	100%
Push for 2s when at 100%	Flash
Push for 2s when at 50%	Standby

Warning Signals

1. The Switch on the back of the Light Unit will flash to indicate a variety of warnings

Action - Main Light	Mode
*Intermittent Off	Low Battery

*If you continue in this mode until the battery switches off, you can damage or shorten the life of the battery

Action - Button Light	Mode
Fast Flash - Both LEDs	Low Battery
Rapid Flash - Top LED	Standby
Slow Flash - Bottom LED	Full Battery
Fast Flash - Bottom LED	Half Battery
Rapid Flash - Bottom LED	Low Battery

Specifications

Light Source	Four High-Power Cool white LED's
IP Rating (Light Unit)	IP68
Lifetime	Min 50000h, 70% Lumen Maintenance
Operating Temp.	-10°C to 35°C
Charging Time	5 Hours
Battery Unit	Lithium-Polymer Battery
Weight - All	481g
Weight - Light Unit	122g
Warranty	1 Year, Limited

Charging the battery

• It is good practice to top up your battery after each ride. Do not run the battery until it switches OFF completely. We have a low battery indicator to remind you to charge or change the battery as soon as possible.
• Only charge Li-Po batteries on a charger specifically supplied with your battery.
• Do not leave a battery on charge unattended, in the cupboard or covered by other articles. Always make sure that whilst charging, the battery remains cool to the touch.
• Discontinue charging a Li-Po immediately if at any time you witness smoke, excessive battery temperature, or see the battery starting to swell up. This may cause the battery to rupture and/or leak, and the reaction with air may cause the chemicals to ignite, resulting in fire. Disconnect the battery and leave it in a safe fireproof location for approximately 10 minutes for observation.
• Connect battery to charger and then plug charger into electrical socket. Red LED indicator on charger is ON = battery needs charging. Green LED indicator on charger is ON = battery fully charged.
• Even though the battery has a protection circuit module, it is good practice to disconnect battery from charger as soon as the Green LED indicator is ON.

Storage and Transportation

• For long term storage it is recommended to charge the cells fully, then discharge them to 50-60% of their capacity. Do not expose battery packs to direct sunlight for extended periods of time, or place in direct contact with any liquids.
• NEVER leave Li-Po batteries in the car indefinitely as temperatures inside the vehicle can easily rise, which could damage the battery.
• NEVER leave batteries lying loosely anywhere in the car (in the trunk, backseat, floor, etc.).
• ALWAYS make sure all plugs / connectors on the Li-Po battery are covered, to prevent an accidental short.

Battery – Safe operation – Lithium Polymer Battery

• If the battery unit repeatedly does not meet the proper run time even though it is fully charged, it might be at the end of its operating life. Replace the old battery unit with a new one. The used battery unit should be disposed of properly according to local regulations.
• Our Li-Po batteries are equipped with a protection circuit module for: Overcharge protection, Over-discharge protection, Over current protection.
• Do not short the battery as it may catch on fire. If you accidentally short a battery, place it in open space and observe the battery for 10 minutes. It may swell up and possibly even catch on fire. Have a dry powder fire extinguisher or a bucket of dry sand within reach in case of a fire.
• If a battery leaks electrolyte or gas vapors, do not inhale leaked material. Leave the area and allow the batteries to cool and the vapors to dissipate. Do not touch electrolyte with bare hands and do not bring them close to fire. Remove spilled liquid with absorbent and dispose.
• Do not allow the battery's internal electrolyte to get in the eyes or on skin – wash affected areas with soap and water immediately if they come in contact with the electrolyte. If electrolyte makes contact with the eyes, flush with large amounts of water for 15 minutes and seek medical attention immediately!

Disposal of Li-Po Batteries

Unlike NiCd batteries, lithium-polymer batteries are environmentally friendly. For safety reasons, it's best that LiPo cells be fully discharged before disposal (however, if physically damaged it is NOT recommended to discharge LiPo cells before disposal - see below for details). The batteries must also be cool before proceeding with disposal instructions. To dispose of LiPo cells and packs:
• If any LiPo cell in the pack has been physically damaged, resulting in a swollen cell or a split or tear in a cell's foil covering, do NOT discharge the battery.
• Submerse the battery into bucket or tub of salt water. This container should have a lid, but it does not need to be airtight. Prepare a bucket or tub containing 11 to 19 litres of cold water, and mix in 1/2 cup of salt per gallon of water. Drop the battery into the salt water. Allow the battery to remain in the tub of salt water for at least 2 weeks.
• Remove the LiPo battery from the salt water and place it in the normal trash.

Tellumat BP • 64-74 White Road • Retreat • Cape Town • South Africa • 7945.
Office Tel +27 (0)21 710 2326 • Fax +27 (0)21 715 5544
E-mail : info@lumiere.co.za • Web : http://www.lumiere.co.za

Lumière technologies