

This bike light set utilises the latest technology in portable lighting, allowing extremely bright LED lights to be encased in lightweight and compact units.

The powerful 150 lumen front light features three light settings:

- High 100% , • Low 50%, • Strobe.

The rear light has six settings:

- Solid High, • Solid Medium, • Solid Low, • Flashing High, • Flashing Low, • Strobe

## Specifications

|                         | Front  | Rear                   |
|-------------------------|--|------------------------|
| <b>Brightness</b>       | 150 Lumens                                     | 100 Lumens             |
| <b>Modes</b>            | High / Low / Strobe                            | Solid / Flash / Strobe |
| <b>Run time</b>         | 2.5 / 4.5 hours                                | 10 hours               |
| <b>Light source</b>     | XPG 3W LED                                     | COB LED                |
| <b>Battery</b>          | 3.7V 800mAh Li-Polymer                         | 3.7V 330mAh Li-Polymer |
| <b>Charge time</b>      | approx 5 hours                                 | approx 5 hours         |
| <b>Impact resistant</b> | 1M   | 1M                     |
| <b>Water resistant</b>  | IP54   | IP54                   |
| <b>Weight</b>           | 52g  | 37g                    |
| <b>Dimensions (mm)</b>  | 62 x 30 x 30                                   | 41 x 41 x 38           |
| <b>Supplied with</b>    | Rubber attachment straps<br>USB charging cable |                        |

## Battery Recharging

The light must be fully charged for a minimum of 5 hours before being used for the first time, this will ensure that the battery gives its best performance now and on future re-charging cycles.

The charging cable is for recharging the battery only. It cannot be used to directly power the light.

Failure to recharge the light every 3 months may permanently damage or reduce the performance of the light. The battery charge does not have to be fully depleted before recharging.

## Using the Charging Lead

Plug the USB charger lead into the micro USB charging socket on the back of the light. Plug the other end of the lead into any USB charging outlet.

While on charge the charging indicator lamp will glow red. It will turn green when the battery is fully charged (approximately 5 hours).

## Please note the following

- 1) For best performance Li-polymer batteries should not be stored for prolonged periods without being charged at regular intervals.
- 2) It is recommended to keep the battery in a state-of-charge of 40-50 percent when placing in storage. If in doubt, keep the light in a higher charged state in a cool place.
- 3) Self-discharge rate is approximately 10% per month.

# Operating Instructions

## Fitting

Attach the white front light to your bikes handlebars by hooking the rubber strap over the light brackets hooks.

Attach the red rear light to the seatpost by hooking the rubber strap over the light brackets hooks. The rear bracket has a ratcheting angle adjustment.

## The bike light output functions are controlled by a sequential switch:

### Front Light

- Press and release the button to turn on high brightness mode.
- Press and release button again to turn on low brightness mode.
- Press and release button again to change to strobe mode.
- Hold the button down for 3 seconds to turn the light off.

### Rear Light

- Press and release centre button to turn on.
- Press button again to cycle through the solid modes - low, mid, high.
- Double click the button to toggle mode between solid and flashing.
- Press button to cycle through flashing modes - low flashing, high flashing, strobe.
- Hold button down for 3 seconds to turn off.
- The light will remember the last setting used when turned on again.

## Running times

Under optimum conditions, with a full charge, the front light can normally be used for 2.5 hours in high or 4.5 hours in low or strobe mode. The rear lights charge will last for up to 10 hours.

The operating button will glow green when sufficient battery charge is left.

The button will turn red to indicate charge is low. Recharge the light as soon as possible.

## Cleaning

Clean the lights using a soft cloth dampened with a soap and water solution.

Do not immerse or submerge the light in water or any other fluid.

## Maintenance

There are no serviceable parts inside this light. Opening or visible attempts to repair the light will void any guarantee.

LED bulbs should not wear out under normal conditions and do not need to be replaced.



**Never attempt to open a battery, as liquid may be ejected, if accidental contact occurs flush the affected area with water. If the liquid comes into contact with the eyes flush with water and seek medical help. Liquid ejected from batteries may cause irritation or burns.**



Li-polymer batteries are formulated from environmentally sensitive materials and must be disposed of properly.

Please return these batteries to your local recycling centre where they will be recycled or disposed of properly.



**Never attempt to incinerate batteries as they may leak or explode.**

## One-Year Home Use Limited Guarantee

Lighthouse guarantees this product to the original purchaser for a period of ONE YEAR against any defects in material or workmanship but shall not cover damage caused by misuse, abuse, alteration, or accident. This product is intended for home use only and the guarantee will not cover products used for commercial purposes.

---

Lighthouse Torches, Phoenix House,  
3 White Lodge Business Estate,  
Hall Road, Norwich, Norfolk, NR4 6DG

[www.lighthouse-torches.com](http://www.lighthouse-torches.com)