

## FZtech Inc.

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## FZLED Announces Ultra-Bright LED Bike Torch with Multi-Function Bracket

**October 31, 2012, Taipei, Taiwan** – FZtech Inc. is pleased to announce the upgraded LED Bike Torch FZL-1310 with multi-function bracket. The powerful 3W LED light emits 220 lumen from the Cree XPE Q5 LED, is designed to be a brighter replacement for global bike lighting, as well as suitable for use in mountain climbing, hiking, camping, and home maintenance.

The multi-function bracket of FZL-1310 is designed to fit for a wide range of bikes (handle bar size 26-33mm in diameter), allowing the user to easily adjust the length of the bracket strip to fit bike size. Thus it removes the size limitation when mounting the torch. Moreover, the adjustable bracket can be easily rotated to achieve the desired beam angle for lighting, and the user can simply remove the torch from the bracket for any other purposes.

The LED torch which is made with high quality aluminum alloy, is lightweight, portable and durable. Measuring 116mm long and with a diameter of 30mm, it runs on 3 pieces of AAA battery consuming up to 3Watts power.



The FZL-1310 comes with three functions – power on, power off, and blinking. The LED lifespan is more than 35000 hours. With an estimated run time of up to 10 hours when using fresh batteries, it is able to produce long distance illumination of up to 100-200m. The torch is with water resistant and shock proof. Operating temperature for LED is minus 20 C to 50 C.

The LED torch uses lower power consumption to produce bright white light. Emitting no heat, UV or IR light radiation, the FZL-1310 LED torch is extraordinary in providing glare free and energy-saving lights compared to traditional torches.

The FZL-1310 LED torch with multi-function bracket is now available in Taiwan, Singapore and Thailand. FZLED welcome enquiries from distributors, wholesalers, and retailers in order to bring it worldwide.

### Applications

Biking  
Mountain climbing  
Hiking  
Camping  
Home maintenance

### Features

- No heat, No UV, or IR light radiation
- Uses high power LED (CREE)
- Long lifetime up to 35000 hours
- Power consumption up to 3 W for FZL-1310
- Lead-free, Mercury-free
- Adjustment beam angle
- Bicycle bracket included

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- Water resistant / shock proof
- High quality Aluminum alloy made with anodized finish
- Long distance of illumination up to 100-200 m

### Specifications of the FZL-1310 LED torch

- LED: 3Watt Cree XPE-Q5 LED
- Lumen: 220 lm
- Input power: 3 x AAA batteries ( up to 10 hrs estimated run time when using fresh batteries)
- Waterproof: IP64
- Operating temperature (for LED): -20 to +50C
- Net weight (included bracket): 0.160 (±10%) kgs
- Dimension: – Ø30X 116(L) mm
- Fits handle bar size 26-33mm in diameter

### About FZLED

FZLED is a Taiwan-based manufacturer and innovative designer of high-performance LED lighting products. As a sub-division of FZtech Inc., FZLED's products have superior mechanical and thermal designs, utilizing the expertise of FZtech. Committed to excellence, FZLED follows a strict TQC for the entire manufacturing process, and conducts R&D projects continuously in an effort to create LED lighting solutions that offer light-weight, high-quality, environmentally-friendly, innovative, and thermally-optimized products to consumers. For more information visit FZLED online at [www.fzled.com.tw](http://www.fzled.com.tw).

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