

## UC50

UC50 rechargeable flashlight features 900-lumen maximum output and dual tail switch system for one hand operation. The tail switch provides momentary-on or constant-on operation while the side switch offers output selection and access to instant strobe function. The included USB charging cradle keeps the light ready to answer the call for everyday duty lighting.

### Technical Parameters

| ANSI/NEMA FL1    | General Mode                              |            |            |           | Strobe     |
|------------------|---|------------|------------|-----------|------------|
|                  | Turbo                                     | High       | Mid        | Low       |            |
| OUTPUT           | 900 lumens                                | 415 Lumens | 150 Lumens | 10 Lumens | 900 lumens |
| RUNTIME          | 1h15min                                   | 2h45min    | 8h30min    | 120h      | /          |
| DISTANCE         | 288m□Max□                                 |            |            |           |            |
| INTENSITY        | 20860cd□Max□                              |            |            |           |            |
| IMPACT RESISTANT | 1m  |            |            |           |            |
| WATER RESISTANT  | IPX-8□Underwater 2 meters□                |            |            |           |            |
| ACCESSORIES      | Charging cradle, lanyard and spare O-ring |            |            |           |            |

Notice: The above-mentioned parameters are approximate and may vary due to different environments. The flashlight will drop down into the high brightness level after working about 20 minutes in the Turbo mode. Therefore, the runtime of Turbo output is an accumulated time.

- Uses Cree XM-L 2(U2) LED with a lifespan of 50000 hours
- Tailored **2600mAh 3.7V** rechargeable Li-ion battery
- 181mm (Length)□25.4mm (Battery Tube Diameter)□40mm(Head Diameter)
- 248.5-gram weight (including the battery)
- Digitally regulated output maintains constant brightness
- Anti-roll, slip-resistant body design
- Tactical tail switch with momentary-on function
- Tail side switch for output selection and instant strobe function
- Made of durable aircraft-grade aluminum
- Premium Type III hard-anodized anti-abrasive finish
- Toughened ultra-clear glass lens with anti-reflective coating

## **Operation**

### **Momentary-on**

Slightly press the tail switch and hold it.

### **Constant-on**

Fully press the tail switch to turn on the light and lock it, press it again to turn it off.

### **Output selection**

With the light on, press the tail side switch to cycle through four brightness levels in the order of Turbo>Low>Mid>High

### **Instant strobe**

With the light on -

Press and hold the tail side switch for one second to activate strobe mode. Press the switch again to return to previous brightness levels.

With the light off -

Press and hold the tail side switch for one second to activate strobe mode momentarily until the button is released.

## **Intelligent Memory Circuit**

The flashlight memorizes the last brightness level used but it will not remember strobe mode. The next time you turn the flashlight on, it will light up at the last used brightness level.

## **Over-heat Protection:**

As a high-performance light, the UC50 accumulates significant heat while at Turbo output. To protect the light and user, the light automatically drops down into the High brightness level after running at Turbo output for about 20 minutes. If further Turbo output is needed, please reset the light with the tail side switch.

## **Low-voltage Warning Function**

When the voltage level drops below the minimum level, the flashlight will downshift to a lower brightness level. When this occurs in low output mode, the flashlight will blink three times every five minutes to remind you to recharge the flashlight.

## **Over-discharge Protection**

When the battery voltage is extremely low, the flashlight will turn off automatically to protect the battery from over-discharge.

## **Charging**

Connect the USB cable of the power cradle to an USB power adapter and the indicator light will turn green. Put the flashlight into the charger cradle and rotate it until it clicks into position. The indicator light will now turn red to indicate charging has begun. When the light is fully charged, the indicator light will turn solid green. The normal charging time is about 4.5 hours.

Note:

1. Please do not charge the flashlight when it is turned on. Doing so will extend the charging time and

may cause the battery to be less than fully charged. However if emergency lighting is needed, it will still be okay to charge the flashlight when it is turned on. Due to the output protection function, UC50 cannot enter into the Turbo output in this case.

2. Please recharge a stored UC50 every four months to maintain optimum performance of the battery.

### Usage and Maintenance

□ Please don't disassemble the sealed head as doing so can cause damage to the flashlight and will void the warranty.

□ Due to the momentary-on tactical switch, the flashlight can be activated when stored, transported or placed in a pocket. Unscrew the tail cap one-half turn or take out the battery to avoid unwanted operation.

□ The O-ring may be worn out after extended use. If this happens, please replace the O-ring with a new one to keep the flashlight properly sealed against water.

□ Periodic cleaning of the battery contacts improves the flashlight's performance as dirty contacts may cause the flashlight to flicker, shine intermittently or even fail to illuminate for the following reasons:

Reason A: The battery lacks power.

Solution: Recharge the flashlight.

Reason B: The threads, PCB board contact or other contacts are dirty.

Solution: Clean the contact points with a cotton swab soaked in rubbing alcohol.

If the above methods do not work, please refer to the warranty policy before contacting your authorized distributor.

### Product Warranty

We will replace products afflicted with manufacturing defects within 15 days of purchase and repair a light free of charge within 24 months of purchase if problems develop with normal use; if repair is required after 24 months from the date of purchase, we will charge for parts. The total repair fee is dictated by the cost of the replaced materials.

Rechargeable batteries and chargers have a one year warranty with proof of purchase.

### Product Registration

We kindly suggest that you register your product on the official website of Fenixlight Limited [www.fenixlight.com](http://www.fenixlight.com). You'll receive an extra six months of warranty coverage once you have successfully registered. By participating in an optional customer survey, you are entered in a drawing for free Fenix products.

### Warning

UC50 is a high-intensity lighting device capable of causing eye damage to the user or others. Avoid shining the light directly into anyone's eyes.

### Available Accessories

| Type         | Model | Description | Note |
|--------------|-------|-------------|------|
| Diffuser tip | AOD-M |             |      |
| Bike mount   | AF02  |             |      |

|                |        |  |  |
|----------------|--------|--|--|
| Rail mount     | ALG-01 |  |  |
| Traffic wand   | AOT-L  |  |  |
| Filter adapter | AOF-L  |  |  |

Note: For full details about available accessories, please visit the Fenix website, click on Products followed by clicking through to the Accessories page.

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