Fenix UC45 Flashlight

The UC45 rechargeable flashlight features 960-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 instant access to strobe function. The covered mini-USB port maintains waterproof and impact resistance ratings even in challenging conditions.

Technical Parameters

ANSI/NEMA FL1	General Mode				Strobe
	Turbo	High	Mid	Low	
OUTPUT	960 Lumens	375 Lumens 100 Lumens	10 Lumens	960 lumens	
RUNTIME	1h30min	4h15min	17h15min	150h	/
DISTANCE	257m（Max）				
INTENSITY	16580cd（Max）				
IMPACT RESISTANT	1m				
WATER RESISTANT	IPX-8（underwater 2 meters）				
ACCESSORIES	USB cable, lanyard, holster and spare O-ring				

Notice: The above-mentioned parameters are approximate and may vary due to environmental factors.

The flashlight will drop down into the high brightness level after working about 5 minutes in the Turbo mode. Therefore, the runtime of Turbo output is an accumulated time.

● Uses Cree XM-L2 (U2) LED with a lifespan of 50000 hours
● Tailored 3200mAh 3.6V rechargeable Li-ion battery
● 178mm (Length)￥25.4mm (Battery Tube Diameter)￥40.4mm(Head Diameter)
● Hidden Micro USB charging port
● 224-gram weight (including the battery)
● Digitally regulated output maintains constant brightness
● 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 the previous brightness level.
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 light 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.

Output lockout
When the battery is running low, the UC45 will lockout brightness levels which the remaining power could not sustain. Replace the battery will automatically unlock the locked out brightness level.

Over-heat Protection
As a high-performance light, the UC45 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 5 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 within one second 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 to a USB power adapter. Turn the metal protection ring in the head of the UC45 clockwise to reveal the charging port and plug the Micro USB end of the USB cable into the light's charging port. When the power is properly connected, the indicator light beside the charging port turns red to indicate the charging process has begun. The indicator turns solid green when the UC45 is fully charged about 4 hours later.

Note:
1. Once charging is completed, be sure to secure the metal protection ring by turning it counterclockwise.
2. 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, the UC45 can be charged when it is turned on. Due to the output protection function, the UC45 can only run on mid output in this case.
3. Please recharge a stored UC45 every four months to maintain optimum performance of the battery and maximize charging levels.

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 battery has 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）. 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

UC45 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		
Camping lampshade	/		
Bike mount	AF02/ALB-10		
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.