



The Eyes Break the Darkness!

MODEL

Ranger 56 / Ranger / Sniper-E

Instruction Manual

Wolf-Eyes® LED Tactical Flashlight

Thank you for choosing Wolf-Eyes® high-end Tactical Flashlights-the best performance illumination tools in the world! Compact, reliable and efficient with high intensity output. Wolf-Eyes® lights have:

- * Multipurpose professional tactical lights (special design for military, law enforcement, outdoors, self-defense and other applications. Military, emergency, police personnel and outdoor professionals choose Wolf-Eyes®).
- * Reliable maximum illumination flashlights (combining our advanced patented technology with materials and parts of highest quality level, delivering the best illumination tools).
- * Environmental friendly high capacity rechargeable Li-ion batteries (with unique built-in short-circuit and overcurrent protection to keep safe and extend battery lifetime during charging and discharging).

1. Key Features:

- Every model of Wolf-Eyes® flashlights has their own unique features. The model you selected belongs to USB Rechargeable Series Flashlight which is able to meet all your lighting needs no matter whether you're a police officer, forensic expert, hunter, outdoor enthusiast or a person who is looking for a quality light.
- * USB charging system: users can directly recharge the flashlight with a standard micro-USB charger without taking out the battery.
 - * Low battery alarm function: when battery is lower than about 5%, the beam will strobe intermittently when using the flashlight.
 - * Aspheric lens focusing system (for Ranger 56& Ranger):

users can get a tight & flood beam when adjusting the flashlight.

- * Precisely curved and coated reflector (for Sniper-E): provides ultra-strong prefocused beam.
- * Digital control of light output: enables users to choose the best combination of brightness and runtime for any purpose.

2. Operating Instructions:

- a. Insert the battery into the housing with the positive electrode towards the flashlight head.

- b. 1) For flashlights with 6A-Tactical Button Switch Tailcap: The Tactical Button Switch has two operation models: soft pressing provides momentary on; firm pressing provides constant on or off.

With soft pressing operation, the brightness / modes can be changed in a certain sequence and the whole sequence recurs in cycles;

With firm pressing operation, the flashlight can be switched on and off after a "click" sound is heard. If the flashlight is turned on again by firm pressing within 2 seconds, the brightness / modes of the flashlight will be changed; if the gap is longer than 2 seconds, the default setting resumes with full brightness.

- 2) For flashlights with Procap® AM24 v2.0 Tactical Tailcap:

The Procap® AM24 v2.0 Tactical Tailcap has a "Preset" function: rotate the selector ring to select a certain mode before turning on the light, then the light will be working on the chosen mode after turning on by pressing the tailbutton. Users can also change brightness / modes while the flashlight is on.

- c. **Change beam size with aspheric lens (for Ranger 56 & Ranger):** adjust the focus by rotating the bezel.

- d. **Low battery alarm:** when battery is lower than about 5%, the beam will strobe intermittently when using the flashlight.

- e. **Charger Operation:**

- 1) CH-01 / CH-02 / DH-02 Charger can fully recharge 1 or 2 x LRB-168P / -168A batteries in about 3h. EH-01 USB Charger can fully recharge the flashlight in about 3h (might be longer when using other brand USB chargers).

- 2) For CH-01 / CH-02 / DH-02 Charger: always insert the battery into the charger according to the positive "+" and negative "-" mark, otherwise both the charger and the battery might be damaged. When power is on, a red light indicates that the battery is being rapidly charged; a green light indicates that the battery is full or no battery is on the charger. If the battery keeps on charging, the light turns green and red alternately, showing the battery is on pulse charging to keep the saturation.

- 3) For EH-01 USB Charger: keep the flashlight at "On" position, rotate the rubber ring on the flashlight body until the USB charging port is completely revealed. Insert

the micro-USB plug into the port to start the charging process. A red light next to the charging port indicates that the flashlight is being rapidly charged; the indicator will turn green when battery is full. Cover the USB port again with the rubber ring after charging. Users could also take out the battery and recharge it with CH-01 / CH-02 / DH-02 Charger.

- 4) **Charger specification:** CH-01 / CH-02 AC Charger / EH-01 USB Charger: voltage auto-sensing, AC 90~240V 50/60Hz, suitable for all countries; DH-02 DC Charger: DC 12V/24V.

Note: * Wolf-Eyes® chargers can only recharge high-quality protected Li-ion batteries for safety reasons. We strongly suggest using Wolf-Eyes® Li-ion batteries and chargers together and will not be responsible for any problems caused by improper use of our products.

* No "memory" effect, Wolf-Eyes® Li-ion batteries can be charged at any time, no matter the battery power is low or high. The charger has built-in protection system. Long time charging will not cause the battery to be overloaded. However, no longer than 12 hours of continuous charging is suggested for safety.

* Never throw the battery into fire or expose to high temperature environment for safety. Li-ion batteries are recyclable and should be recycled. Please dispose them according to applicable local laws and regulations.

3. Daily Maintenance:

- a. Avoid touching the reflector and lens as this will degrade the performance of your Wolf-Eyes® light. If the reflector or lens gets dirty, clean it gently with wet cotton.
- b. When the flashlight is not in use, loosen the tailcap to avoid accident activation.










4. Caution:

- a. Never shine human eyes with activated flashlights. Do not hold bezel or lens of activated flashlight against any part of human body. Keep away from children.
- b. Any problems with operation, please contact our distributors or dealers for help. NEVER fix, modify or disassemble the light or any accessories of it by yourself (there is precision circuit system built in the light).

5. Service:

Both Wolf-Eyes® and Wolf-Eyes® distributors / dealers provide after sales services. For more convenient services, please contact your local distributor / dealer.

6. Components & Specifications:

Model		Ranger 56	Ranger	Sniper-E		
Tailcap		6A-Tactical Button Switch Tailcap; 	6HA- Dual Switch Tailcap; 	Procap® AM24 v2.0 Tactical Tailcap 		
Battery		1 x LRB-168P or LRB-168A Wolf-Eyes® Rechargeable Li-ion Battery				
Charger		AC Charger: EH-01 USB Charger □ CH-01 168AAC Charger □ CH-02 168AAC Charger □ DC Charger: DH-02 168A Car Charger □				
Weight without battery		245g	189g	178g		
Length		181mm	170mm	170mm		
Head Diameter		56mm	45mm	36mm		
Body Diameter		25mm	25mm	25mm		
Focusing		Rotary Focusing Adjustable		Prefocused		
Mode		<ul style="list-style-type: none">• Non-Digital Mode: 100% Brightness→OFF• Standard Mode (Digital): 100% Brightness→20% Brightness→2% Brightness→100% Strobe• Hunting Mode (Digital): 100% Brightness→50% Brightness→20% Brightness→2% Brightness• Procap® AM24 v2.0 Tailcap: Presettable with 6 Stages: H (100%)→M (50%)→ML (20%)→L (2%)→S1 (Strobe 1Hz)→S2 (Strobe 8Hz)				
Output & Runtime	LED Emitter Output	Cree XP-L HI V2: 1090lumens	IR 940nm / 850nm: 3W UV 400nm: 3W	Cree XP-L HI V2: 1090 lumens	Luminus SST-40-W:1210 lumens	
	ANSI	 Output	XP-L HI V2 (defocused): 608 lumens	IR / UV: N/A	XP-L HI V2 (defocused) : 687 lumens	SST-40-W: 915 lumens
		 Runtime	100%: 1h 35min; 50%: 3h; 20% :5h 18min; 2%: 48h	IR 940nm / 850nm: 2h 39min UV 400nm: 2h 50min	100%: 1h 35min; 50%: 3h; 20%: 5h 18min; 2%: 48h	100%: 1h 35min; 50%: 3h; 20%: 5h 18min; 2%: 48h
		 Distance	XP-L HI V2 (focused): 517m	N/A	XP-L HI V2 (focused) : 420m	SST-40-W : 281m
		 Intensity	XP-L HI V2 (focused): 66717cd	IR 940nm (focused at 30m distance): ≥ 12.7μW/cm2 (beam size: 107cm*107cm) IR 850nm / UV: N/A	XP-L HI V2 (focused) : 44172cd	SST-40-W: 19795cd
		 Impact Resistant	1.2m			
	 Waterproof	Splash Proof				

*Above mentioned parameters may vary due to different batteries capacity, flashlights and environments. *Battery in test is Wolf-Eyes® LRB-168A rechargeable battery 2800mAh. Runtime is around 21% longer with LRB-168A 3400mAh battery.