



The Eyes Break the Darkness!

MODEL

Seal Ultra / Nite Hunter Ultra / Defender-III Ultra

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 Focusing Ultra 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.
- * Super strong light source of 20W LED.
 - * Unique Dual-Head design (for Seal Ultra only). Aspheric lens head for long distance lighting and reflector head for high-power lighting.
 - * Aspheric lens focusing system. Users can get a tight & flood beam when adjusting the flashlight.
 - * Digital control of light output: enables users to choose the best combination of brightness and runtime for any purpose.

2. Operating Instructions:

- a. All Ultra Series flashlights must work on HDB-168 Li-ion Power Battery to reach their designed output.

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

- c. 1) For flashlights with 6A-Tactical Button Switch Tailcap: The 6A-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 tail button. Users can also change brightness / modes while the flashlight is on.

- d. Change beam size with aspheric lens: adjust the focus by rotating the bezel.

- e. How to replace Seal Ultra lens head with reflector head: remove the locking nut from the flashlight body by rotating it counter-clockwise. Rotate and remove the aspheric lens. Then screw the reflector on, put back the locking nut and tighten it to fix the reflector.

- f. Charger Operation:

1) CH-01 / DH-01 Charger can fully recharge 1 x HDB-168 battery in about 3h.

2) 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) Charger specification:

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

Note: * Wolf-Eyes® chargers can only recharge high-quality protected Li-ion batteries (undercharge / overcharge / short-circuit protection etc.) 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. Although long time charging will not cause the battery to be overloaded, no longer than 12 hours of continuous charging is still 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 or 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		Seal Ultra	Nite Hunter Ultra	Defender-III Ultra
Light Source		Luminus SFT-40-W LED 3.7V		
Tailcap		6A-Tactical Button Switch Tailcap; 	6HA-Dual Switch Tailcap; 	Procap® AM24 v2.0 Tactical Tailcap 
Battery		1 x Wolf-Eyes® HDB-168 Li-ion Power Battery		
Charger		AC Charger: CH-01/168 AC Charger □ DC Charger: DH-01/168 Car Charger □		
Weight without battery		401g (with lens); 235g (with reflector)	184g	140g
Length		192mm (with lens); 170mm (with reflector)	148mm	142mm
Head Diameter		82mm (with lens); 50mm (with reflector)	45mm	35mm
Body Diameter		25mm	25mm	25mm
Focusing		Rotary Focusing adjustable (Aspheric Lens)	Rotary Focusing adjustable	Straight-Pull Focusing adjustable
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: Preset with 6 Stages: H (100%)→M (50%)→ML (20%)→ L (2%)→ S1 (Strobe 1Hz)→S2 (Strobe 8Hz) 		
Output & Runtime	LED Emitter Output		Luminus SFT-40-W : 1620 lumens	
	ANSI	 Output	Aspheric lens (defocused): 507 lumens Reflector: 1201 lumens	SFT-40-W (defocused): 1187 lumens SFT-40-W (defocused): 1161 lumens
		 Runtime	100%: 1h 40min; 50%: 4h; 20%: 6h 40min; 2%: 55h	100%: 1h 40min; 50%: 4h; 20%: 6h 40min; 2%: 55h
		 Distance	Aspheric lens (focused): 994m Reflector: 458m	SFT-40-W (focused): 519m SFT-40-W (focused): 361m
		 Intensity	Aspheric lens (focused): 246856cd Reflector: 52535cd	SFT-40-W (focused): 67410cd SFT-40-W (focused): 32549cd
		 Impact Resistant	1.2m	
		 Waterproof	Aspheric lens: Splash Proof; Reflector: Under Water 1m	Under Water 1m Splash Proof

*Above mentioned parameters may vary due to different batteries capacity, flashlights and environments. * Battery in test is Wolf-Eyes® HDB-168 Li-ion Power Battery 3400mAh.