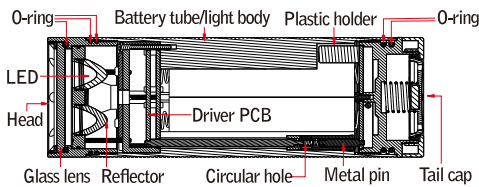


PRODUCT HIGHLIGHTS

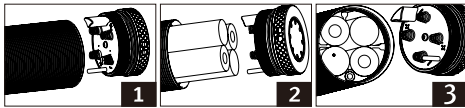
- Professional diving searchlight with 150 meters waterproof, especially for underwater spearfishing
- Designed with humanized lanyard hole. Removing the lanyard to be used as a super power and long range flashlight
- Isolated waterproof and directly rechargeable battery integrates with light body, maximumly reduced the size and weight
- 3 x CREE XP-G and 3 x CREE XP-L HI LEDs providing max output of 3780 lumens and beam distance 300 meters
- Glass Lens are dual sides coated, highest translucency, pressure resistant, deep waterproof
- Aircraft aluminum body, hard anodized in black, light body with compact size
- Big button magnet switch at tail, easy to operate by one hand
- 4*18650 rechargeable lithium battery provides ultra-long runtime: 60 hours at 90 lumens.
- Intelligent circuit and temperature control system protects battery from over-charge and over-discharge, prevents the light from over-heating and prolongs the lifespan of the light
- Three lighting modes available: flood light only - spot + flood - spot only. Battery level indicating at 20% capacity

PRODUCT SCHEMATIC



USAGE AND OPERATION

- The light runs on same level voltage 4 x 18650 Li-Ion batteries. Please fully recharge the batteries before first time operation.
 - How to recharge the batteries: Put the 4 x 18650 batteries correctly into Ferei Charger C29 to recharge the batteries, Recharging cycle is finished when the indicator LED turns from red to green.
 - Battery & light tailcap installation: Unscrew the W155II's tail cap (image 1), insert 4 x 18650 into the battery tube of light body with the correct positive (+) and (-) (image 2). Before Screw the tail cap, put the metal pin of light tail cap into the circular hole of light body, the same time make the plastic holder into the bigger hole of light body, and then fully screw the tail cap clockwise to tighten (image 3).
- Warning :** Always keep the rubber O-rings are on the body or tailcap of W155II light.



- Lighting modes:** ① Flood lights only ② Flood light + spot (simultaneous) ③ Spot only.
- Customized brightness setting:** Customized brightness setting from 10%.20%.30%... to 100%, 10 levels brightness available in either ①②③ lighting mode.
- Brightness memory:** In either ①②③ lighting mode, the customized brightness could be memorized if staying for over 3 seconds.
- To operate:**
 - Press the on/off switch rapidly or continuously to active or convert between lighting modes ①②③
 - With light already on, press and hold on/off switch to cycle through the customized brightness settings from 10% to 100%. When a desired brightness appears, simply release the switch. To turn off the light, press the switch again after staying at this customized brightness for over 3 seconds; If less than 2 seconds, press the switch to get conversion between lighting modes ①②③
 - Staying at any lighting mode/brightness for

over 3 seconds, this lighting mode and brightness will be memorized. Next time you turn on the light, it starts from the memorized lighting mode/brightness.

8 Low battery warning: the light will blinking 10 times quickly to warn you that battery capacity is below 20%, and then work normally until it shuts off automatically. Please recharge or replace batteries.

9 Over discharge prevention: the light will switch off automatically in order to prevent damages to lithium batteries and/or light done by over discharging (complete depletion of battery capacity).

Note: over discharging lithium batteries might cause the battery body to swell up and produce harmful gases. In order to avoid this, our product is equipped with low voltage circuit break to switch off the light when voltage is too low.

INTELLIGENT TEMPERATURE CONTROL INSTRUCTIONS:

The light is designed with the intelligent temperature control system. LED is a component which can make heat and is sensitive to the temperature, it will be damaged or its working life will be shorten by the overheat temperature, especially the powerful and brightness LED. So the intelligent temperature control system works when the flashlight's designation and structure cannot realize the heat radiation temperature from the high brightness LED lighting. The system controls the temperature of the LED lamp wick, obviously, the light gets different Thermal Conductivity with different structure, and generally speaking, the surface temperature of the light constant between 50°C to 60°C, when the flashlight runs heat, the intelligent temperature control function will help to reduce the power to cool down the lamp wick, the brightness of the light will corresponding fell and get lower. And in comparison outdoor using with the indoor using, outdoor area using will get wind to cool it down and heat-radiation is better, the LED will crank up the power and the lights become brighter, and the process of ascension brightness will smooth and slow without flashes. At the same time, the intelligent temperature control system will lead the run time get longer (may be the standard of twice to five times). Particularly, the run time will depend on the temperature, running speed even

the wind strength, so the actually run time will be a little different according to the environment of the light using.

MAINTENANCE

- Use a soft cloth to clean the glass lens regularly to ensure the best light transmittance. (Do not use any corrosive detergent)
- Please rinse the light with fresh water and dry it after each diving in sea/salt water.

CAUTION

In order to avoid accidents, please pay attention to the following tips:

- Never use damaged, discolored or leaking batteries
- Never use batteries with a damaged sleeve or foil covering
- Always use 18650 batteries with safety certificates
- If the light gets unusually hot when in use, turn it off and check battery appearance
- Never store the battery into the light or charger
- Recharging is finished when the LED indicator turns to green
- The battery remains at a normal temperature during recharging. If it gets unusual hot, stop recharging and take the battery out
- Do not disassemble the charger kit by yourself if the battery couldn't be recharged
- The battery can be used at any time once being recharged. If it is left unused over three months, it should be recharged for 4 hours every two months. After being charged they should be slightly discharged for 10-20 minutes before storage
- Make sure the battery is recharged at safety environment and is looked after by certain people while recharging.

PRECAUTIONS AND WARNINGS

- It is a lighting tool, not a toy. Keep it away from children
- The W155II has a highly intense beam and should not be aimed directly at the eyes of human
- Do not place the light face / lens down when turned on as this may cause it to overheat and void warranty
- The surface of the flashlight may become hot during extended use
- Do not dismantle or disassemble any part of the light as this will void warranty and affect the waterproof seal
- Rinse the lights surface with fresh water and dry with soft cloth after exposure to salt water or any corrosive substance
- Always remove batteries over two weeks of inactivity
- Always make sure to recharge/discharge the 4 pcs batteries at the same time so to keep them at the same voltage. Otherwise, batteries might be damaged
- Ferei reserves the right of interpretation of this manual.

PRODUCT SPECIFICATIONS - W155II

LED	3 X CREE XP-G LED COOL WHITE (FLOOD)	ANSI/FSC	MAX	CUSTOMIZED SETTING									
		PERCENTAGE BRIGHTNESS	100%	10%	20%	30%	40%	50%	60%	70%	80%	90%	
		OUTPUT (LUMEN)	900	90	180	270	360	450	540	630	720	810	
		BATTERY LIFE - HOURS (28 °C INDOOR STATIC TESTING)	4.6	46	23	15.3	11.5	9.2	7.66	6.57	5.75	5.1	
LED	3 X CREE XP-G LED 3 X CREE XP-L HI COOL WHITE (FLOOD + SPOT SIMULTANEOUS)	ANSI/FSC	MAX	CUSTOMIZED SETTING									
		PERCENTAGE BRIGHTNESS	100%	10%	20%	30%	40%	50%	60%	70%	80%	90%	
		OUTPUT (LUMEN)	3780	378	756	1134	1512	1890	2068	2646	3024	3402	
		BATTERY LIFE - HOURS (28 °C INDOOR STATIC TESTING)	3	30	15	10	7.5	6	5	4.3	3.75	3.3	
LED	3 X CREE XM-L2 LED COOL WHITE (SPOT)	ANSI/FSC	MAX	CUSTOMIZED SETTING									
		PERCENTAGE BRIGHTNESS	100%	10%	20%	30%	40%	50%	60%	70%	80%	90%	
		OUTPUT (LUMEN)	2880	288	576	864	1152	1440	1680	1960	2240	2520	
		BATTERY LIFE - HOURS (28 °C INDOOR STATIC TESTING)	4	40	20	13.3	10	8	6.7	5.7	5	4.4	
RANGE	MAXIMUM INTENSITY	WATERPROOF RATING	DROP PROOF	DIMENSION	TYPE OF BATTERY	WEIGHT							
300 METERS (SPOT)	90000 CD	IPX8	1 METER	49.5 X 142.5 MM	4 X 18650 BATTERY	442.4 G (INCLUDING BATTERIES)							
UNDERWATER RUNTIME (AT MAX. OUTPUT)					1.55 HOURS								
NOTE: THE ABOVE PARAMETERS ARE TESTED BY USING 4PCS 3400MAH 18650 LI-ION BATTERIES													

Runtime declaration: The data-based on the test that is done in the land at room and not in the water. If the light used in underwater or cool condition, the runtime about 1 to 5 times less than instruction.

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