


**SPECIFICATIONS:**

- Model: Sub-Sabre V1
- Bulb: 1 \* Luminous Warm White LED (video light, CCT 5,500 K), 1 \* Luminous White LED (spot light, CCT 6,500 K), 1 \* CREE Red LED (wavelength 620 nm)
- Max brightness level: Warm White (video) 3,000 lumens, White (spot) 800 lumens, Red 5 W
- Output levels: Warm White (video) high > Warm White (video) low > White (spot) > Red
- Runtime: Warm White (video): high 70 min, low 100 min; White (spot) 170 min, Red 500 min
- Reflector: glossy aluminum reflector (spot light only)
- Lens: 4 mm toughened glass
- Body material: durable aluminum
- Angle of light beam: 110° (Warm White video light & Red) & 30° (White spot light)
- Surface treatment: premium anodizing
- Battery: 1 \* 21700 Li-ion battery with BMS
- With battery over-discharging protection, and polarity reversing protection
- Operation voltage: 4.2 V to 2.6 V
- Waterproof: up to 100 Meters
- Dimensions: 144 mm (length) \* 39 mm (dia. of light head) \* 27 mm (dia. of light body)
- Weight in air: approx. 115 g. (without battery); approx. 190 g. (with battery)
- Weight in water: approx. 82 g. (with battery)

**POWER INDICATOR:**

The ring-shaped power indicator surrounding the switch lights up in green, or yellow, or red, when the power capacity is above 70%, or between 70-30%, or between 30-10%. It flashes in red for the power capacity between 10% and 5%, and switches off automatically when power capacity is below 5%.

**LOW BATTERY WARNING:**

The light flashes 3 times when the power capacity reaches 10-5%, and repeats after 5 seconds. (It switches to lower brightness if the original mode is Warm White high mode.) The light switches off automatically when the power capacity is less than 5%.

**BATTERY INSTALLATION:**

1. Hold the light with its head pointing upward, unscrew the light head.
2. Remove the used battery from the battery compartment, if there is any; and put in the fully charged battery per polarity signs.
3. Screw light head down. Do not over tighten to break the O-ring.

**BATTERY CHARGING:**

1. Please charge the battery before the first use and before each dive.
2. Please use the charging device with the output of 5V-2A.
3. Please connect the USB plug of the charging cable to the charging device, and its type-C plug to the battery's charge port. The charge indicator lights in red if the charging is in process; and it turns green after the charging is completed.
4. Please keep the charging device and battery away from the flammable or explosive material.
5. Please carry out charging under monitoring, and unplug the cable when it is finished.

**MODES CHANGING:**

1. Continuously quickly press the button switch to cycle through Warm White video light high, White video light low, White spot light, Red, and off.
2. The light can also be turned off at by a user's long pressing the button switch for two seconds.
3. After each pressing, the switch will bounce back to its original position automatically.

**CAUTION:**

1. Please read this manual carefully before the first use. Please never attempt to repair or modify the light yourself.
2. Please check the light regularly for sharp edges, scratches or damages to the surface or O-ring, as this can cause the light to flood under pressure. PLEASE LUBRICATE THE O-RING, AND REPLACE IT TIMELY. (Please avoid applying lubricant to circuit board or battery compartment cross section, which may affect the conduction.)
3. Please rinse the light surface thoroughly after each use, and allow sufficient time for it to dry both inside and outside before storage.
4. Please remove the battery for transport or storage. Do not lay the battery in a fire or expose it to direct heat. Do not wet or hit the battery. Please charge the battery after each use, or once every three months, to avoid over-discharging.
5. Please never leave the light unattended when it is on.
6. Please keep the device out of the reach of children or pets.
7. Please never shine the light to human or pet's eye.
8. Please use 21700 battery with re/discharge protection circuit board or BMS (Battery Management System) for this light.
9. Please handle the lens with care to avoid breakage. It can break or splinter when some hard object bangs against the device. Splinters may cause eye and skin injuries.
10. To prevent the light from being damaged by over-heating, please do not cover or block the light head when the light is switched on in the air.
11. In case of accidental flooding, please remove the battery, and dry the light and battery compartment as soon as possible, to prevent the secondary damage.

**WARRANTY RETURN POLICY:**

Please contact your local distributor or retailer for information on how to handle your warranty items.

(Note: The above data are measured by the methods mentioned in ANSI / NEMA FL, and tested by using supplier 21700 battery. Different batteries or environments may result in different data.)