

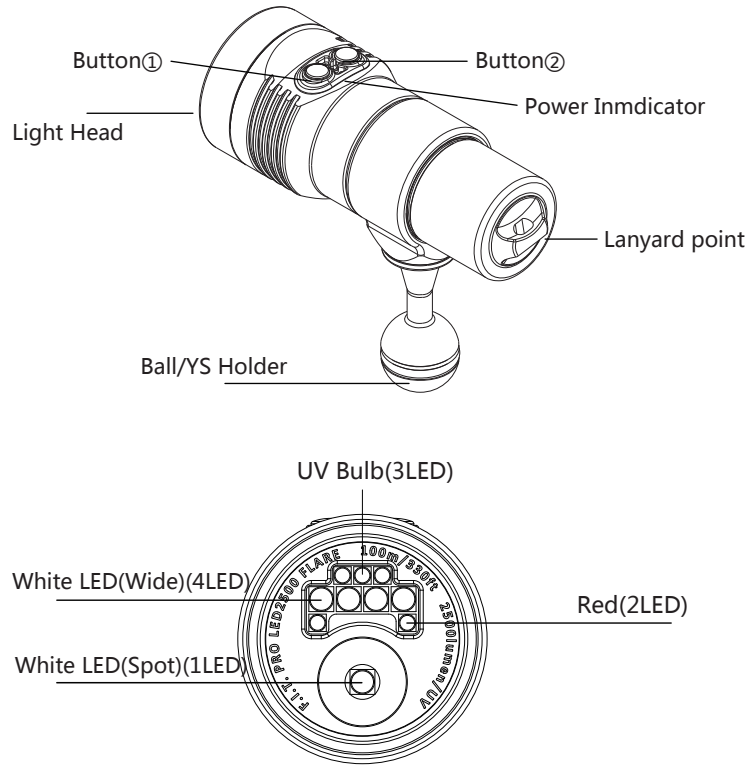
# F.I.T.

## F.I.T. PRO LED2500 FLARE Underwater Video Light

### PRODUCT INTRODUCTION

F.I.T. PRO LED2500 (FLARE) is a 2500 lumens Underwater Video Light.

### Construction

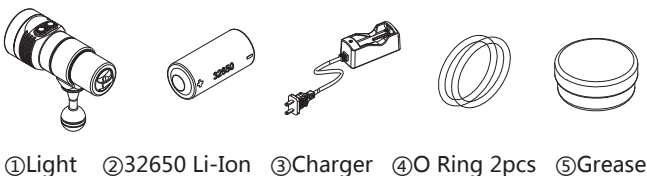


Please read carefully before use.

### Function Specification

|              |   |
|--------------|---|
| Luminance    | White Dispersed Light 2500Lumen, White Spot 1000Lumen,<br>Red Light 200Lumen, UV 9W                                 |
| Angle        | Wide 120°, Spot 15°, Red 120°, UV 120°  |
| Battery      | Li-Ion 32650  |
| Burn Time    | Wide(1hr), Spot(2.5hr), Red(5hr), UV(5hr)   |
| Depth Rating | 100m/330ft  |
| LED Spec     | White CREE XM-L U2x5pcs Color Temp 5700~7000K<br>Red CREE XP-E N3x2pcs Wavelength 620nm UV 365nm                    |
| LED Life     | 50000 hours   |
| Material     | Aircraft grade aluminum   |
| Coating      | Hard Anodized   |
| Dimension    | Φ50x124.8mm   |
| Weight       | 220g ( incl battery )   |
| Mode         | White dispersed, White Spot, Red, UV, Battery Indicator<br>Low Battery Indicator/Protection, Overheating Protection |
| Special      | Wrong battery electrode protection  |

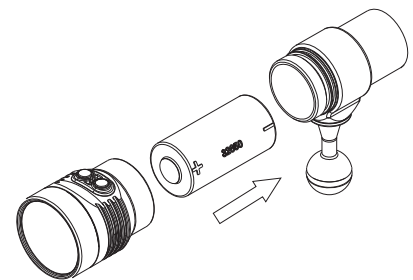
### Packaging Contents



### OPERATING INSTRUCTIONS

#### Installing the battery

1. Insert the battery as shown in the picture.
  2. Make sure the battery is facing the correct direction
  3. Align the battery compartment to the light head and close
- ★ Note : Turn the battery compartment till it is fully close to prevent flooding



#### Turning ON/OFF

1. ON: With the light facing forward , depress button ① to turn on the light ( Default Mode: 100% white dispersed light )
2. OFF: From any mode , depress button ① and hold for 2secs to turn the light off

#### Overheating Protection:

The LED will automatically adjust the light output to a lower acceptable level when high temperature is detected. This is to prevent the LED from being burnt and damaged.

## Mode change

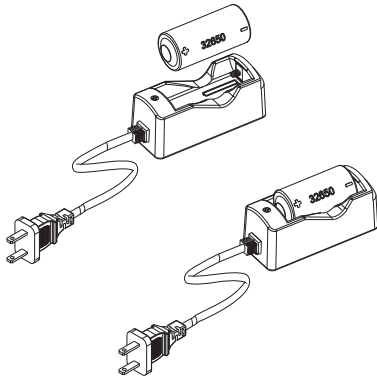
1. Changing mode : From default 100% white dispersed light, Press button① each time to change from:  
White dispersed→white spot→red→UV-white dispersed
2. Changing Output : From dispersed,spot,red:  
Press button② to change the output:  
100%→50%→25%→100% , UV light only has 1 output.
3. SOS mode: From any mode , depress button①&② simultaneously for 1sec to enter SOS mode.
4. SOS OFF: From SOS , depress① or② to exit SOS mode.  
Light will return to default mode 100% white dispersed light.

## Power indication

4 levels of battery indication: Green-FULL, Yellow-HALF, RED- LOW BATTERY, Flashing RED-Extremely low battery, light shuts after 10mins

## Low battery protection

The light will automatically be at the low light output when the RED LED indicator flashes. Light automatically turns off after 10mins.



## Product Warranty

This Product covers warranty for 1 to 1 exchange within 15 days of purchase if defects are found. Please bring to your local retailer for checks and verification. This warranty is valid for 1 year and free servicing will be offered if any problem occurs within that year. (Battery only provide 3 months warranty) Charges apply after 1 year.

This Product does not cover warranty for the following:

1. Modification, damaged or dismantled
2. Wrong operation ie; wrong type of battery
3. Short circuit due to flooding
4. Natural occurrences beyond human control ie; war,fire,robbery,lost

## Using the Charger

1. Ensure the correct method of inserting the battery onto charger
2. Once battery installed, plug the charger cable to the power source to commence charging, indicator will lit red.
3. Green indicator lit up once charging completed.

## Grease application

Use the grease provided to apply on the oring to ensure smooth operation and protection of the oring. Remove any dirt or hair before application.

## Changing of O-ring

Any deformation, damage or expansion found, replace the damaged oring provided. Remove the damaged oring and do not use sharp objects as tools. Clean the oring grooves and replace the new orings with grease.

## Note

- ★ Do not use high power battery higher than specified.
- ★ Do not attempt to open up the light when underwater.
- ★ The warranty will be void if the operating methods differ from this manual.
- ★ Remove the battery if not in use for a prolonged period.

## Troubleshooting

Please refer to the table below to do a verification check and confirm it is a defect before returning to the supplier.

| Defect  | Solution  |
|---|---|
| LED fail to light up                              | Check battery direction<br>Check if battery has power<br>Check if cap is fully closed   |
| Green LED lights up the moment charging commences | Check if battery is installed properly<br>Check if the battery is placed on the wrong side<br>Check if there is contact between the charger and battery |
| Water found inside the light                      | Check the orings to see if there is dirt not installed properly   |