ORCATORCH

User manual

- ☐ D530V 6500K Cold White
- ☐ D530V Red
- ☐ D530V UV
- ☐ D530V 5000K Neutral White
- ☐ D530V Blue
- ☐ D530V Green

PRODUCT INTRODUCTION

OrcaTorch D530V is a professional underwater video light that offers 6 different color options, Cold white, Neutral white, Red, Blue, UV, and Green. For each light, only one color can be applied. It has 120 Degrees' super wide flood lighting with no blind angle for underwater photography. The light uses a titanium alloy side switch that offers 2 lighting modes, which allows easy operation underwater. The LED indicator light is located on the switch button and also lets you know the battery's remaining charge capacity.

PRODUCT FEATURES

- ✓ Use 1*18650 Li-ion USB-C rechargeable battery
- ✓ 120° super wide beam angle
- ✓ Two brightness modes for each single color
- ✓ 6500K cold white light with max 1200 lumen
- ✓ Red light to view and shoot nocturnal creatures
- ✓ UV for capturing images of fluorescent marine life
- ✓ Blue light, stronger than UV,usually used with a yellow filter for fluorescent dives and marine research
- ✓ Easy operation with side titanium alloy button switch
- ✓ Battery indicator to remind remaining power
- ✓ Safe lock function to avoid accidental operation
- ✓ Intelligent over-heat and over-discharge protection function
- ✓ Water pressure resistant construction ,depth rated to 150 meters
- ✓ Reverse polarity protection, to protect from improper battery installation
- ✓ Constructed from high-strength A6061-T6 aluminum
- ✓ Hard anodized finish for durability and corrosion resistance
- ✓ Two sides coated toughened glass with high water pressure resistance

TECHNICAL PARAMETERS

ANSI/NEMA FL1	Output		Runtime	
Model	High	Low	High	Low
6500K Cold White	1200 lumens	470 lumens	1h30min	2h59min
5000K Neutral White	1000 lumens	400 lumens	1h20min	3h15min
Red	160 lumens	65 lumens	2h50min	6h10min
Blue	55 lumens	30 lumens	3h20min	6h10min
UV	7 lumens	2 lumens	3h30min	6h10min
Green	265 lumens	135 lumens	3h10min	7h30min
Impact Resistant	1.5m			
Waterproof	Underwater 150m			
Working voltage	3-4.2 V			
Dimension	142mm(Length) x 25.5mm(Diameter) x 35.5mm(Head)			
Net weight	150g（excluding battery）			
Accessories	1* 18650 USB-C Rechargeable Battery， 1*Lanyard 1* USB-C Charging Cable， 3* Spare O-ring			

Notice: Stated data has been measured according to the international flashlight test standards ANSI/NEMA FL1 using one OrcaTorch 18650 Li-ion battery (3.7V, 3400mah) under laboratory conditions. The parameters are approximate and may vary between flashlights, batteries, and environments.

OPERATION INSTRUCTIONS

1.Modes Selection
Press side button to change among high, low, off.
2.Battery indicator:When the light is turned on, the battery indicator will be on to show the battery level.
-Green: over 70%
-Orange: 30%-70%
-Red: 10%-30%
-Flashing red: less than 10%
3.Safe lock function:
Hold on the side switch for 5 seconds,the light will turn off and turn into a state of safe lock.The side switch will be useless unless unlocking it by a double press. (The light will flicker twice when you lock or unlock the switch,The battery indicator will be green when switch is clicked under lock state.)
4.Intelligent Over-Heat protection:
This torch is specially designed for underwater use. When used on land for too long, it might get too hot. But this torch would drop down its output automatically once its temperature reaches 65°to avoid damage to the light due to overheat.
5.The total runtime will be extended significantly if the light is used discontinuously.

BATTERY REPLACEMENT

1.As shown in the figure, insert the battery with the anode side (+) toward the light head.
2.Please do not reverse battery to avoid damage to the flashlight and battery.
3.Please do not use battery with higher voltage than flashlight working voltage.
4.Please do not use battery with damaged surface or deformation to avoid short circuit, explosion, leakage, etc.

Battery assembly diagram:

Charging Indicator:

USAGE AND MAINTENANCE

1.Please rinse the light under fresh water and wipe it dry after use in case of seawater corrosion.
2.Do not place the light on the sand to prevent fine sand from entering the button switch or screw threads.
3.Tighten all the connections of the light before going underwater.
4.Please take out the batteries after each diving.
5.Please don't disassemble the sealed head,otherwise it may cause damage to the flashlight and will void the warranty.
6.We recommend the use of brand original batteries. And please remove the batteries from the light if they're not in use for an extended period, as leaving them in the flashlight may result in battery leakage or explosion, causing damage to the flashlight.
7.Please replace the O-rings if they are deformed or damaged and regularly lubricate the O-rings with silicon grease. This will keep the flashlight properly sealed against water.
8.Please clean the contacts of your light from time to time, especially when the light flickers or doesn't light up.

Here are several possible reasons that may cause beam flickering or failure to light up the flashlight:

Reason A: The batteries need to be replaced.
Solution: Replace batteries (Please confirm correct installation of + and - terminals).

Reason B: The threads, PCB board contact, or other contacts are dirty.
Solution: Clean the contact points with an alcohol-soaked cotton swab. If the methods above don't work, please contact the distributors and refer to the warranty policy

PRODUCT WARRANTY

We will replace products afflicted with manufacturing defects within 30 days of purchase and repair a light free of charge within 12 months of purchase if problems develop under normal use; if repair is required after 12 months from the date of purchase, we will charge for parts. The total repair fee is dictated by the cost of the replaced materials.

Please register your OrcaTorch products through the official website www.orcatorch.com to get an extra 1-year warranty.

⚠ Warning: This product emits extremely high brightness. Do not point the head of the flashlight towards your own or others' eyes when turning it on.Avoid direct exposure to the light source to prevent potential vision damage.

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