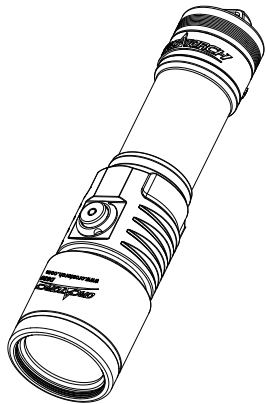




User manual



- ☐ D530 Cold White (SOS)
- ☐ D530 Red
- ☐ D530 UV
- ☐ D530 Neutral White (SOS)
- ☐ D530 Blue
- ☐ D530 Green

PRODUCT INTRODUCTION

OrcaTorch D530 is a must-have primary dive light for divers. It offers 6 options for beam color: Cold white, Neutral white, Red, Blue, UV and Green. However, each torch has only a single fixed color. It has 2 brightness modes, which can be easily switched by pressing the side Titanium Alloy button. In addition, divers can check the remaining battery life by looking at the LED indicator on the switch.

PRODUCT FEATURES

- ✓ Use 1*18650 Li-ion rechargeable battery
- ✓ White beam angle 7°. Red & Blue & UV & Green beam angle 6°
- ✓ Cold white(max 1500 lumens) as primary dive light
- ✓ SOS function, for cold white and neutral white versions
- ✓ Red beam, for shooting shy animal during night dives
- ✓ Blue beam, combined with yellow filter, for marine fluorescence dives and research
- ✓ UV 395 beam, for fluorescent night diving
- ✓ Side Titanium Alloy switch, for easily switching brightness
- ✓ Battery indicator
- ✓ Safe lock function, prevents mis-operation
- ✓ Intelligent Over-Heat protection 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
- ✓ Mil-Spec Type III hard anodized finish for durability and corrosion resistance
- ✓ Two sides coated toughened glass with high water pressure resistance under deep water

TECHNICAL PARAMETERS

ANSI/NEMA FL1	Output		Runtime	
	High	Low	High	Low
Cold White(SOS)	1500 lumens	580 lumens	1h30min	3h10min
Neutral White(SOS)	1300 lumens	550 lumens	1h30min	3h10min
Red	190 lumens	75 lumens	3h10min	8h50min
Blue	75 lumens	35 lumens	3h10min	8h10min
UV	5 lumens	2 lumens	3h30min	7h30min
Green	350 lumens	190 lumens	3h20min	8h40min
Impact Resistant	1.5m			
Waterproof	under water 150m			

Working voltage	3-4.2 V
Dimension	142mm(Length) x 25.5mm(Diameter) x 35.5mm(Head)
Net weight	140g (excluding battery)
Accessories	1* 18650 USB-C Rechargeable Battery, 1*Lanyard 1* USB-C Charging Cable, 3* Spare O-ring.

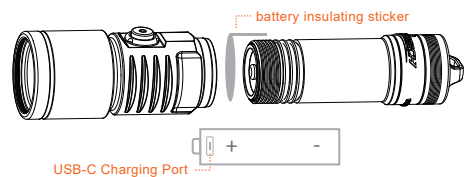
Notice: Stated data has been measured according to the international flashlight test standards ANSI/NEMA FL1 using one OrcaTorch 18650 Li-ion battery (3.7V, 3400mah) under laboratory conditions. The parameters are approximate and may vary between flashlights, batteries, and environments.

OPERATION INSTRUCTIONS

- Switching Brightness
Press the switch to change brightness among high, low, off. For D530 cold&neutral white versions: Double-click the switch at any brightness(high/low) to activate SOS. Then SOS mode will automatically keep repeating until the switch is pressed once.
- 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%
- Safe lock function:
Hold on the side switch for 5 seconds, the light will turn off and turn into "safe lock" state. Then switch won't work, till it's unlocked by swiftly double pressing. (The light will flicker twice as a reminder when the switch is locked or unlocked. The LED indicator will show green when switch is locked)
- Intelligent overheat protection:
This torch is specially designed for underwater use. When used on land for too long, it might get too hot. However, this torch would automatically drop its output once its temperature reaches 65°(149°F) to prevent damage to the light due to overheating.
- The total runtime will be extended significantly if the light is used discontinuously.

BATTERY REPLACEMENT

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



USAGE AND MAINTENANCE

- ✧ Please clean the surface of the light with fresh water and wipe it dry after use in case of the seawater corrosiveness.
 - ✧ Do not drop or place the light on sand in case iron sand stick or go into switch section or screw thread.
 - ✧ Tighten all the connections of the light before going underwater.
 - ✧ Please take out the batteries after each diving.
 - ✧ Please don't disassemble the sealed head, doing so may cause damage to the flashlight and will void the warranty.
 - ✧ We recommend the use of high quality batteries. If the flashlight will not be used for a long time, remove the batteries to avoid damage from electrolyte leakage or battery explosion.
 - ✧ Please replace the O-rings if they are damaged after prolonged use and regularly lubricate the o-rings with silicon grease so as to not erode the rubber. Doing so will keep the flashlight properly sealed against water.
 - ✧ Please clean the contacts of your light from time to time, especially when the light flickers or doesn't light up. There are probably several reasons for a flickering or not working light:
 - 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 official website www.orcatorch.com to get extra 1 year warranty.

To ensure your safe use of this product, please carefully read and adhere to the following warnings and disclaimer.

⚠ WARNINGS

- Keep Out of Reach of Children**
This flashlight should be stored out of reach of children. Children are strictly prohibited from using this flashlight to prevent accidents.
- Avoid Direct Eye Exposure**
Do not shine the flashlight directly into the eyes. The intense light may cause irreversible damage to the eyes. Maintain a safe distance when using the flashlight.
- Avoid Close Proximity to Flammable Objects**
Do not use the flashlight in close proximity to flammable materials. The flashlight generates high temperatures during operation, which may cause objects to ignite, posing a safety hazard.
- Prohibit Unconventional Use**
Do not use the flashlight in unconventional ways, such as holding it in your mouth. Malfunctions of the flashlight or its internal battery may result in personal injury or life-threatening situations.
- Be Aware of Temperature**
The flashlight generates significant heat during operation, and the surface may become very hot. Be cautious to avoid burns and do not touch the surface of the flashlight while in use.

6.Avoid Placement in Enclosed or Flammable Environments

When storing the flashlight in enclosed spaces such as pockets or backpacks, ensure it is turned off and the switch is locked, to prevent accidental activation. Avoid using the flashlight near flammable materials to prevent

7.Non-Replaceable Light Source

The light source of this flashlight is not replaceable. When the light source reaches the end of its lifespan, replace the entire flashlight. Do not attempt to replace the light source yourself to ensure safety.

DISCLAIMER

ORCATORCH TECHNOLOGY LIMITED shall not be held responsible for any loss, injury, or accident resulting from improper use, misuse, or failure to follow the above safety guidelines. Users must strictly adhere to these safety instructions to ensure their own safety and the safety of others. If you have any questions or are unsure about the proper use of the flashlight, please contact the manufacturer or a professional for advice.



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