



## DIVE INTO THE BOUNDLESS

Experience the thrill of underwater exploration with OrcaTorch

*Nestor  
Fernandez*



### ORCATORCH TECHNOLOGY CO., LTD

Postal Code: 518103 Tel: +86 755 33560383 Fax: +86 755 29454989  
Service Support: [service@orcatorch.com](mailto:service@orcatorch.com)

Address: 4th Floor, Building 6, Huafeng Science and Technology Park,  
535 Fengtang Avenue, Fuyong, Bao'an District, Shenzhen, China

## CATALOG 2025

# ORCA TORCH 2014 2024

10th Anniversary

## About Us

Inspired by the mighty Orca, a symbol of power and intelligence, the name of OrcaTorch embodies our dedication to crafting top-notch underwater lighting solutions. It also encapsulates our commitment and pursuit in designing and manufacturing durable and reliable dive lights to illuminate the depths of the ocean and guide explorers with unparalleled lighting experiences.

## Our Journey

**2014:** Right from the outset, our mission has been to merge state-of-the-art technology with solid engineering to craft dive lights capable of satisfying the stringent requirements from underwater enthusiasts including professional divers. The D550 marked OrcaTorch's debut in the dive lights arena, which has been released shortly after the brand's inception in year of 2014.

**2016:** Our first breakthrough product, OrcaTorch D620 canister dive light, was launched and won the Best Design Award in this year. This durable, high-output dive light quickly gained recognition for its outstanding performance and reliability and contributed to the establishment of our reputation of quality and innovation within the diving community.

**2018:** With continued growth, OrcaTorch made significant investments in research and development, leading to the introduction of our flagship D910V series. They perfectly integrate the state-of-the-art magnetic charging technology with ergonomic design, which brought innovation to underwater illumination industry at that time and greatly improved the experience for both divers and underwater photographers.

**2020:** A major milestone was marked this year by the launch of our best-selling dive light D710, which is equipped with industry-leading functionality and power design. This innovation highlighted our dedication to enhancing the diver's experience through advanced technology.

**2022:** OrcaTorch broadened its global reach, with products utilized by professional divers and underwater explorers in more than 100 countries. This expansion reinforced our status as a leading brand in the diving industry.

**2024:** As we celebrate our 10th anniversary, OrcaTorch remains committed to advancing underwater lighting technology. Our focus on innovation, coupled with a dedication to quality and user experience, has cemented our status as a preferred choice for diving professionals and enthusiasts worldwide.

## Our Vision

At OrcaTorch, we've always believed that every beam of light has its unique story. Over the past decade, we've borne witness to countless divers' enjoyment of peace and freedom in the underwater world, and their courage to explore the unknown. In the years ahead, we'll still be dedicated to inspiring more people with good lighting products to discover the joy and unknown beneath the waves.



## Product Content

### 01

#### New Products

D920	01
------	----

### 03

#### Recreational Dive Lights

D710	17
TD01	19
DC710	21
ZD710	23
D700	25
D580	27
D560	31
D550	33
D530	35
D520	37
SD01 PRO	39
SD03	40

### 02

#### Technical Dive Lights

D630 v2.0	05
D620 v2.0	07
D850	09
D860	11
D720	13
D511	15

### 04

#### Underwater Photo/Video Lights

D950V 2.0	41
D910V	43
D710V	45
D900V	47
D530V	48

### 05

#### ACCESSORIES

Battery & Charger	49/50
Arms & Trays	51/52

# NEW RELEASE PRODUCT



## ORCATORCH D920

Max 5000 Lumens Dive Light

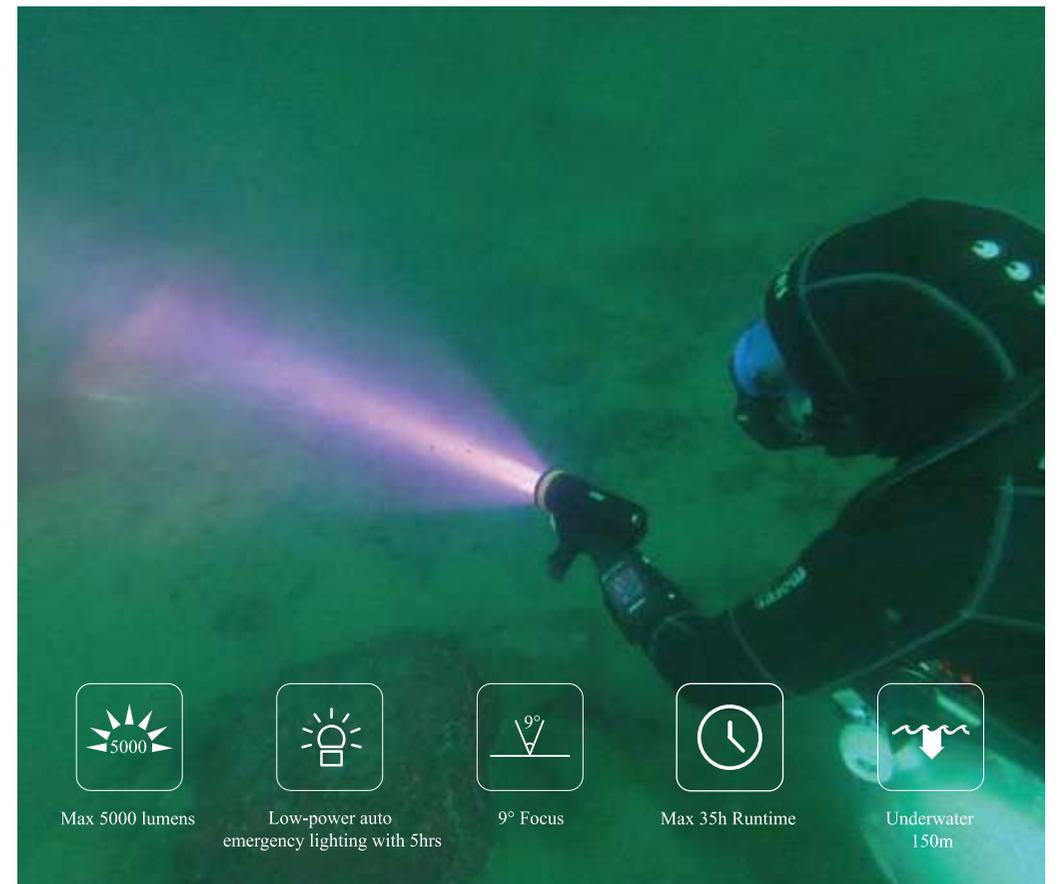
ORCATORCH



OrcaTorch D920 is a new handheld primary dive light. It delivers an impressive 5000 lumens of brightness with a tightly focused 9° beam that reaches an extraordinary distance of 424 meters on land. Whether you're into recreational or technical diving, it is designed to meet your needs.

It runs on a powerful 20Wh rechargeable lithium-ion battery pack and offers four adjustable brightness modes with a color temperature of 6500K. Its magnetic tail switch is specially designed for easy control of these modes and includes a locking function to prevent accidental activation.

With its versatility and reliability, D920 is ready to support a wide range of diving adventures.



Max 5000 lumens



Low-power auto  
emergency lighting with 5hrs



9° Focus



Max 35h Runtime



Underwater  
150m



# ORCATORCH D630 v2.0

THE ULTIMATE EXPERIENCE FOR  
TECHNICAL DIVING



Max 4600 lumens



Beam Distance  
400m (on land)



7° Focus



Max 24 mins  
Runtime



Underwater  
150m



# TECHNICAL DIVING

The OrcaTorch D630 V2.0 canister light had the privilege of being part of numerous technical dives, including explorations of the Felicitas Mine in Germany, the Yucatan caves in Mexico, and the Boh Yai jungle mines in Thailand. One of the most remarkable achievements was a dive in the Boesmansgat cave in Northern Cape, South Africa, in 2022. Alongside dive buddy Karen Van Den Oever, The D630 V2.0 could reach a depth of 246.65 meters, setting a new personal deep diving record. It's been an honor to contribute to such challenging projects and make mark on the diving industry.



## D630 V2.0 Powerful Canister Dive Light

7° Super Focus Beam

Runtime 4h20mins at max 4600 Lumens

Battery can be used as a power bank

90°~180° angle adjustable cable for back mount and sidemount diving

★ : Auto emergency lighting activated when battery level drops to 10%, ensuring 120lumens output and 5-hour runtime





Max 2700 lumens



Beam Distance  
260m (on land)



14° Beam Angle



Max 37h Runtime



Underwater  
150m

2700 Lumens Primary Canister Dive  
Light for Technical Diving



# D620 v2.0

OrcaTorch D620 V2.0 is an essential canister dive light designed for a variety of underwater explorations, including scuba diving and cave adventures. It features an updated switch with a lock function to ensure ease of use and prevent accidental activation. Equipped with an adjustable and foldable goodman handle, the D620 v2.0 can be easily adjusted to your personal needs. It's powered by four 18650 rechargeable batteries and provides a maximum output of 2700lumens which can run 2hrs 30mins, and middle 800lumens that lasts for almost 9hrs. All these features enable D620 V2.0 to be the highly cost-effective basic main light for technical divers.

# ORCATORCH

## D850



Max 2500 lumens



Beam Distance  
464m (on land)



6° Beam Angle



Two 5000mAh 26650  
Rechargeable Batteries



Max runtime  
13h 30mins



Underwater  
150m

The OrcaTorch D850 is a portable dive light that combines high output with impressive runtime. It features five LEDs which can emit up to 2500 lumens and two rechargeable 5000mAh 26650 batteries to ensure longer duration. It operates with 3 modes, 2500lm, 1050lm, and 300lm, all controlled by a titanium alloy side button. And it could last up to 3h30mins at brightest mode and 13h 30mins at lowest level. A built-in battery indicator displays the charging status and remaining power. And the design of lockable function prevents accidental activation during divers. In addition, it can free your hands if used with OrcaTorch WS02 or H620 handle.

# ORCATORCH D860

4200 Lumens Dive Light  
with Direct Charging Function

ORCATORCH



Max 4200 lumens



Direct Charging



10° Beam Angle



Max 14h Runtime



Underwater  
150m



OrcaTorch D860 is a high-performance non-cable main light. Equipped with three LEDs, it can reach maximum 4200 lumens and run up to 14hrs at lowest level of 500lumens. Designed with the direct charging function, the light can be charged without taking out the battery pack. Besides, the detachable carry handle adds practical value to it, making it a great choice for more demanding diving scenarios like underwater search and rescue.



# ORCA TORCH

## D720

Long Beam Dive Light 1300m  
Beam Angle Adjustable from 3° to 18°



D720 is OrcaTorch new-concept handheld torch. It features an adjustable beam angle from 3° to 18° and a maximum output of 4,250,000 candelas, which allows for versatile illumination of underwater scenes, including reefs, wrecks, and caves. Besides, boasting the adoption of innovative lighting source, D720 can emit very even beam without any peripheral halo. This makes it be a top-notch option as focus light for black water diving and photography.



Max 425000cd  
distance 1300 meters



Safe lock function



5000mAh 21700  
USB-c



Max 4h 4mins  
Runtime



Underwater  
150m

# ORCATORCH

## D511

Max 2200 lumens Dive Torch

ORCATORCH



Max 2200 Lumens



Rechargeable  
26650 5000mAh X2



8° Beam Angle



Max 5h 30mins  
Runtime



Underwater  
150m



The OrcaTorch D511 is designed to illuminate underwater adventures with a narrow spot beam that reaches depths of up to 150 meters. It provides 2200 lumens of focused brightness, powered by two 26650 batteries and compatible with three C batteries.

Featuring a mechanical rotary head switch, the D511 ensures high reliability even in challenging underwater conditions. Its concentrated 8° spot beam is ideal for focusing on tight spaces, exploring detailed environments, and examining sea life up close. This dive light enhances visibility for deeper and clearer dives.

# ORCATORCH D710

Max 3000 Lumens Dive Light  
Five Color Options



Hi divers, I'm the OrcaTorch D710, and I've been a top choice for many underwater enthusiasts over the years. Whether you're diving for fun or professionally, I'm here to support your adventures. With a maximum output of 3000 lumens, I'm one of the most powerful torches in my class. But don't worry if you need less brightness—I offer a range of settings to suit your needs.

I'm powered by one OrcaTorch 21700 5000mAh rechargeable battery and come with a USB-C charging port, making it easy to charge me wherever you are.



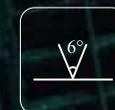
# RECREATIONAL DIVING



Max 3000 lumens



Beam Distance  
262m (on land)



6° Focus



21700 5000mAh  
USB-C Charging



Max 7h 40mins  
Runtime



Underwater  
150m

# ORCATORCH TD01

Max 1200 Lumens

The OrcaTorch Mazu TD01 dive headlamp is designed to enhance underwater adventures with its powerful features. It features a main white light with a Luminus LED, delivering up to 1200 lumens and illuminating distances up to 183 meters. Additionally, it includes two auxiliary red LEDs on each side, making it suitable for cave dives, recreational diving, underwater photography, spearfishing, and as a reliable backup light.

Versatile in design, the Mazu TD01 can be mounted on a helmet, worn on the wrist, or attached to multi-sports camera brackets. Its magnetic rotary switch allows for quick and easy mode changes. Constructed from high-strength A6061-T6 aluminum with a hard-oxidized finish, it offers safety and durability, and is waterproof down to 150 meters.



Max 1200 lumens



Main White Light



Dual Color  
White/Red



Beam Distance  
183m(On Land)



Max 7h 40mins  
Runtime



Underwater  
150m

# DUAL-COLOR DIVE HEADLAMP



# ORCATORCH DC710

Scuba Dive Light  
USB-C Direct Charging  
Max 3000 Lumens



Max 3000 lumens



USB-C  
Direct Charging



21700 5000mAh  
Non-USB-C Battery



6° Focus



Max 7h 40mins  
Runtime



Underwater  
150m

Hello my dear divers, here is OrcaTorch DC710, your dedicated scuba dive light built for underwater adventures. I come with a USB-C direct charging function, making recharging as convenient as possible. I'm powered by a single 21700 5000mAh lithium-ion battery and use a Luminus LED to deliver up to 3000 lumens of brightness.

With a 6-degree beam angle, I provide an exceptionally focused spotlight. My titanium alloy side button ensures easy operation, and I include a safety lock function to prevent accidental activation. I'm designed to perform reliably at depths up to 150 meters, making me a reliable choice for all your diving needs.



# ZD710

ZOOMABLE DIVE LIGHT



Max 2700 lumens



Max Runtime  
9h30mins



Max Beam  
Distance 375m



5000mAh  
USB-C Rechargeable



Underwater  
150m



## ORCATORCH ZD710

with 21700 USB-C Rechargeable Battery

This is OrcaTorch ZD710, a zoomable dive light designed to adapt to your underwater lighting needs. I can deliver up to 2700 lumens with a beam distance reaching 375 meters. My adjustable beam angle ranges from 8° to 76°, allowing you to tailor the light for various underwater activities.

I'm powered by a 21700 5000mAh USB-C rechargeable battery, making recharging straightforward and convenient. Plus, I feature a safety lock function on my switch to prevent any accidental activation. Whether you're exploring or spotlighting, I'm here to light the way.



# ORCATORCH

## D700

Dive Light Max 1700 Lumens  
for Underwater Adventures



OrcaTorch D700 is designed as backup dive light and turned on or off by rotating head. With powerful beam 1700 lumens, it's quite suitable to be used in relatively dark waters, such as caves, shipwrecks and other spaces where more brightness needed. And it can run almost 2 hours powered by one 21700 USB-C 5000mAh battery.



Max 1700 lumens



Rotary Switch



5000mAh  
USB-C Battery



1h 50mins  
Runtime



Underwater  
150m



6° Narrow  
Beam Angle

# ORCA TORCH D580



The OrcaTorch D580 is a classical backup dive light with output of 480lumens if powered by three AAA batteries. It features a mechanical head rotary switch, ensuring dependable performance underwater.

Except 3XAAA batteries, D580 is also compatible with one 18650 3400mAh battery which allows for output of 530lumens and run up to 3hrs 30mins. Besides, its 6° super narrow beam makes it ideal as a primary light for recreational diving and a reliable backup for technical divers.



Max 530 lumens  
(used 18650)



Rotary Switch



3xAAA Batteries



Runtime  
2h50mins



6°Narrow  
Beam Angle



Underwater  
150m

# ORCATORCH

## D560

700 Lumens Mask Dive Light  
with Mechanically Rotary Switch

ORCATORCH



The OrcaTorch D560 is a compact but powerful dive light, whose length is only 9cm/3.54inch. It provides a 700 lumens beam by using one 14500 USB-C 920mAh battery and run over 1 hour. In addition, the D560 can rotate 360° when it's mounted with OrcaTorch MX05 mask mount. It's indeed a great choice if you're looking for a powerful but mini-size backup light no matter for ordinary scuba diving or freediving.



Max 700 lumens



15° Narrow Beam Angle



Rotary Switch



920mAh  
USB-C Battery



1h 10min



Underwater  
150m

# ORCATORCH D550

**1000 lumens with Tail Magnetic Switch and Strobe Mode**

OrcaTorch D550 is a compact and lightweight scuba diving light. The magnetic switch on its tail ensures high waterproofness and easy operation underwater. Equipped with a high-efficiency LED, the D550 provides a maximum output of 1000 lumens. At the low mode of 380 lumens, it can run for over 4 hours. Additionally, its strobe mode allows divers to send signals underwater when necessary. A soft wrist strap and a USB-C battery are included in the kit. This model is well worth considering if you're looking for a main light for recreational diving.



Max 1000 lumens



Beam Distance  
244m (on land)



9° Narrow  
Beam Angle



3400mAh  
USB-C Battery



Max 4h 20mins  
Runtime



Underwater  
150m



# ORCATORCH



## D530

1300 Lumens Dive Light  
8 Degree Super Focus Beam Angle



Beam color has 6 options:  
Cold White, Neutral White 5000K, Red, Green, Blue, UV395  
Note: For each light, only one color can be applied.



Max 1300 lumens



8°  
Beam Angle



3400mAh  
USB-C Battery



Max 4h 30mins  
Runtime



Underwater  
150m



It's OrcaTorch D530 here, a must-have primary dive light for your underwater explorations. I can emit 1300 lumens powerful brightness, with 8 degree super focus beam angle.

I come with a titanium alloy side switch that lets you toggle between two lighting modes: a high mode at 1300 lumens and a low mode at 380 lumens, ensuring easy operation underwater. Additionally, my LED indicator light on the switch keeps you informed about the battery's remaining Power. I'm the 2nd best seller among OrcaTorch lights category, ranking after top1 seller D710.

# ORCATORCH

## D520



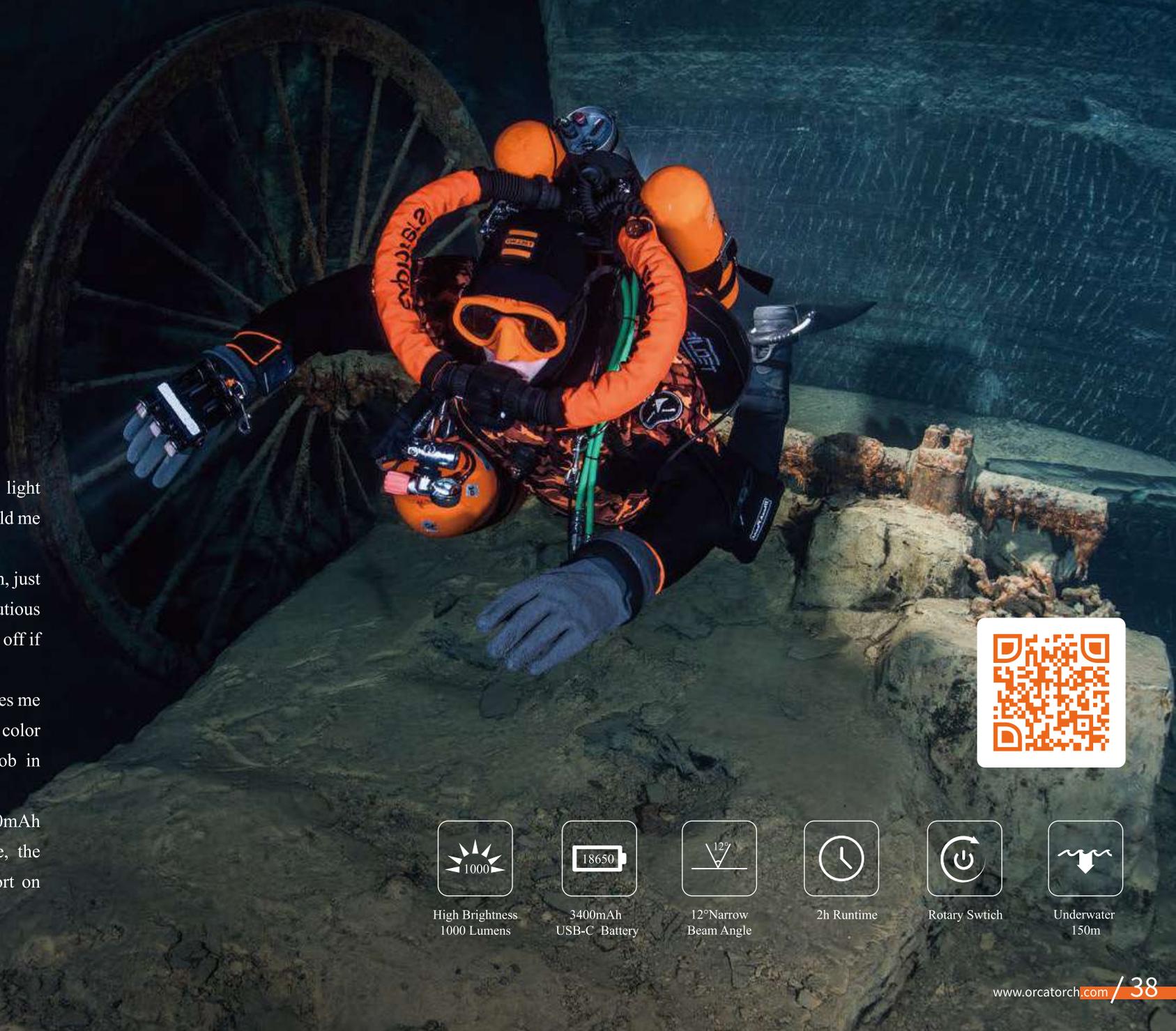
### 1000 Lumens Scuba Diving Light with Mechanically Rotary Switch

Now comes to me, D520, a very classical compact dive light from OrcaTorch family. I'm only palm sized, so you can hold me easily.

There's no button on my body, if you want me to emit beam, just screw my head and body tightly. Meanwhile, please be cautious underwater to twist counterclockwise a little bit to turn me off if you want.

There is a powerful LED bulb inside my head, which enables me to output 1000 lumens neutral white beam with 5000K color temperature. Such beam especially does an excellent job in lighting up murky waters.

Besides, OrcaTorch offers me one high-quality 18650 3400mAh battery, which guarantee me 2-hour runtime. Likewise, the battery can also be recharged directly through type-c port on itself.



High Brightness  
1000 Lumens



3400mAh  
USB-C Battery



12° Narrow  
Beam Angle



2h Runtime



Rotary Switch



Underwater  
150m

# ORCATORCH

## SD01-PRO

Dive Beacon Signal Light  
2-in-1 Constant On / Flash 1.5Hz



The OrcaTorch SD01 Pro is a compact and reliable dive beacon powered by a single AAA battery. It offers two modes: a constant light mode and a flashing mode at 1.5Hz. With a runtime of 37 hours on constant mode and up to 70 hours on flashing mode, it provides long-lasting illumination. Weighing just 25 grams, it is lightweight and easy to carry. Available in five single colors: Blue, Red, Green, White, and Orange. The SD01 Pro is waterproof up to 150 meters (500 feet), making it a dependable choice for deep dives and various underwater adventures.



Underwater and  
Land Use



2-in-1,  
Constant on+ Slow Flash



Net weight 25g



Powered by a  
AAA battery



Max 70h runtime



Underwater  
150m



# ORCATORCH

## SD03

Multifunctional 4-colour Dive Beacon



Max 250h  
Runtime



Powered by one AA  
(compatible with one 14500)



4 Color in One



Underwater  
100m



The OrcaTorch SD03 is a compact dive beacon designed to meet various signaling needs. It features four different colors and 8 lighting modes. It will cycle through modes: white 50lm (emitted from head front) - white strobe - red - red strobe - blue - blue strobe - green - green strobe by repeatedly tightening and loosening the body. A friendly design is its memory function. The mode used for more than 3 seconds will be memorized. That's to say when you turn it on again, the SD03 will start to cycle from the memorized mode by default.

Besides, it's waterproof up to 100 meters and boasts a maximum battery life of 250 hours (mode of flash red), providing versatility and reliability for both diving and outdoor lighting scenarios.



# ORCATORCH D950V 2.0

10500 Lumens LED Video Light for Underwater Photography



# UNDERWATER PHOTO /VIDEO LIGHTS



The OrcaTorch D950V 2.0 is an upgraded LED video light designed specifically for capturing stunning underwater visuals. It delivers a powerful brightness of 10500 lumens and a high CRI of 92 for exceptional performance and color accuracy.

The light features a built-in rechargeable battery pack that charges effortlessly through the tail magnetic charging port. An intuitive tail switch allows for easy operation, while the tail LED indicator provides a quick check of the remaining battery power. The D950V 2.0 is designed to illuminate the underwater world with clarity and precision.



Max 10500 lumens



CREE COB LED  
CRI 92



Beam Angle 120°



Magnetic Charging



Max 10h 20mins  
Runtime



5700K  
Color Temperature

# ORCATORCH D910V

5000 Lumens High CRI Neutral White Video Light for Underwater Photography



ORCATORCH

Hey buddies, it's OrcaTorch D910V, your go-to high CRI neutral white video light for capturing beautiful underwater footage. I feature a chip-on-board CREE LED array that provides even illumination with a bright 5000 lumens output and a wide 120-degree beam angle.

I'm equipped with the industry's firstly adopted magnetic fast-charging technology, so you can recharge me without removing the battery. I'm ready to ensure your underwater shots are bright, clear, and perfectly illuminated.



Max 5000 lumens



CRI 92



5700K  
Color Temperature



Magnetic Charging



CREE COB LED



Beam Angle 120°



Max 8h 50mins  
Runtime



Underwater  
150m





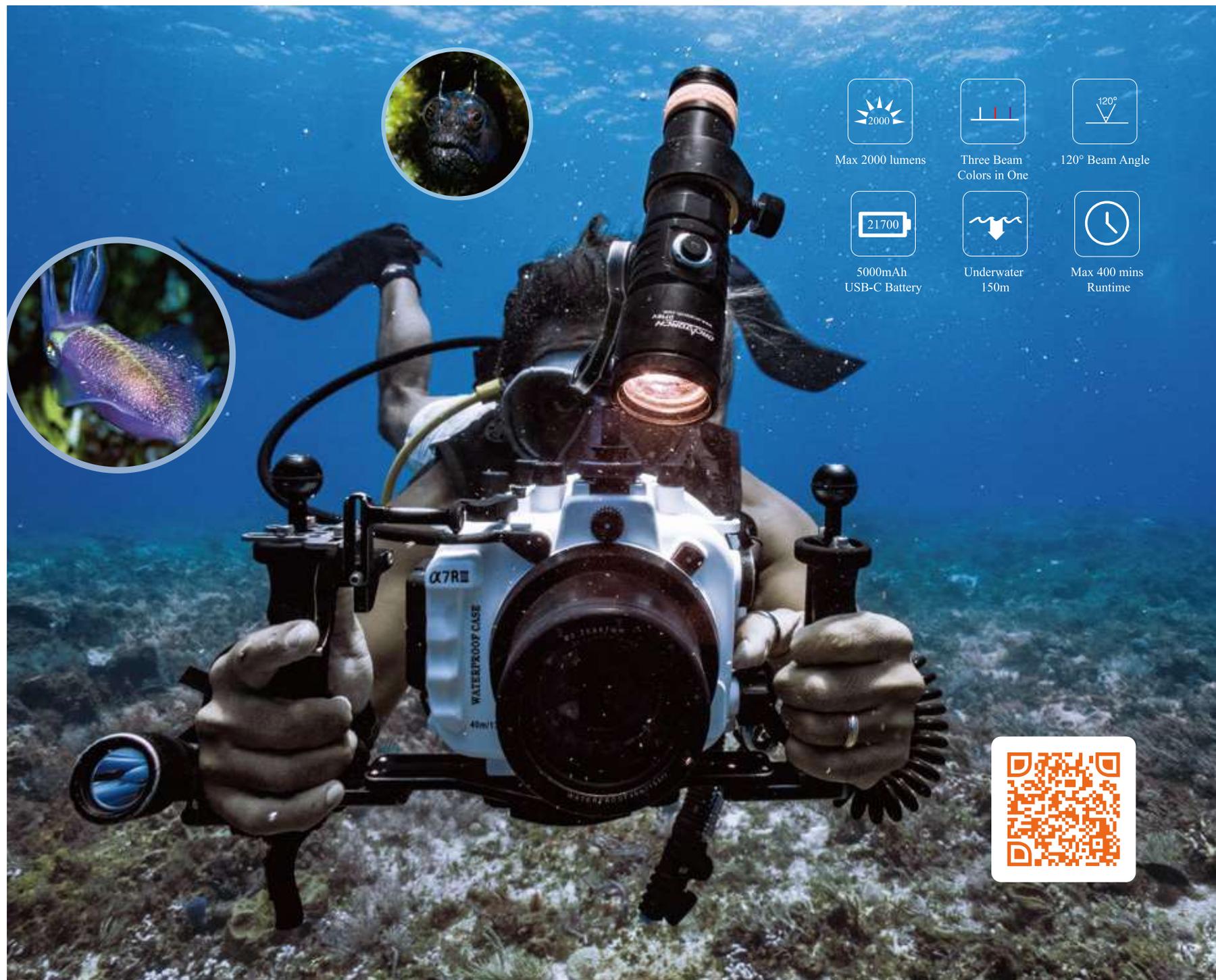
# ORCATORCH D710V

## Three-Color Dive Video Light

Here is the D710V from OrcaTorch, a professional video light designed to enhance your underwater shooting experience. I offer three color lighting sources—white, red, and UV, with a maximum output of 2000 lumens and a 120-degree super wide beam angle that ensures no blind spots in your footage.

I'm easy to operate and feature a white color temperature of 6500K, perfect for general lighting. My red light helps you capture shy marine life without scaring them, and my UV light activates the fluorescence of certain marine organisms, allowing you to capture unique and mesmerizing visuals.

These features make me an essential tool for photographers looking to capture stunning moments underwater.



Max 2000 lumens



Three Beam Colors in One



120° Beam Angle



5000mAh USB-C Battery



Underwater 150m



Max 400 mins Runtime

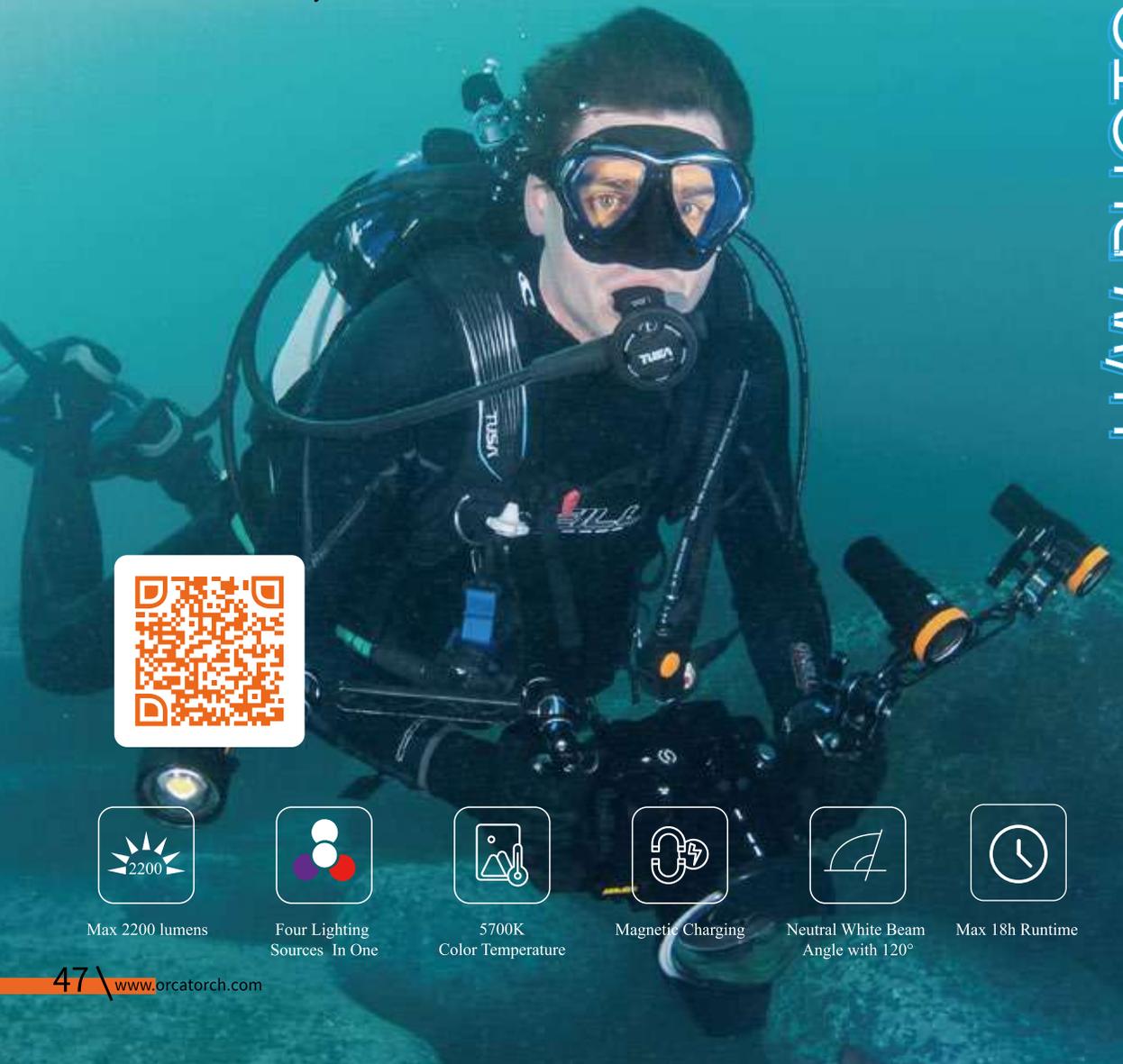


# ORCATORCH D900V

**2200 Lumens Video Dive Light Specially Designed for the Underwater Photographer**

The OrcaTorch D900V is a versatile video dive light designed for underwater photography. It offers four color options in one light: Red, UV, Neutral White with 120° wide beam, and Cool White with 8° spot beam.

Featuring firstly utilized magnetic fast charging technology in the industry, the D900V allows for recharging without removing the battery. This light enhances the underwater photography experience with its flexibility and convenience.



- Max 2200 lumens
- Four Lighting Sources In One
- 5700K Color Temperature
- Magnetic Charging
- Neutral White Beam Angle with 120°
- Max 18h Runtime



U/W PHOTOGRAPHY



- Single LED Options: Cold White, Neutral White, Red, Green, Blue, UV395



# ORCATORCH D530V



**Cost-Effective Dive Video Light**

The OrcaTorch D530V is designed for underwater photographers and is available with an optional snoot attachment for macro photography. When used with the snoot, it projects a focused beam, creating a spotlight effect and minimizing distractions.

Removing the snoot allows for a wide beam angle 120°. With other different beam colors for option, it offers versatile underwater lighting possibility, for example, red for shooting nocturnal creatures, UV for making certain marine organism emits their original color.

# ACCESSORIES

## Battery & Charger



**14500**  
920mAh  
USB-C Charging Port



**18650**  
3400mAh  
USB-C Charging Port



**21700**  
5000mAh  
USB-C Charging Port



**B63**  
Battery Pack for D630 v2.0



**B86**  
Battery Pack for D860



**14500**  
700mAh  
Rechargeable



**16340**  
600mAh  
Rechargeable



**18650**  
3400mAh  
Rechargeable



**B90**  
Battery Pack for D900V, D910V



**C86**  
Charger for D860, D630 v2.0  
8.4v, 4A



**CR123A**  
1300mAh  
Rechargeable



**18650**  
3000mAh  
Rechargeable



**UC01**  
Compatible for  
26650/21700/18650/14500/16340  
One Slot



**UC02**  
Compatible for  
26650/21700/18650/14500/16340  
Two Slots



**CR123A**  
1300mAh  
Rechargeable



**18650**  
3000mAh  
Rechargeable



**BR223**  
Compatible for  
26650/21700/18650/14500/16340  
Three Slots



**BR121**  
Charger  
18650 Battery



**26650**  
5000mAh  
Rechargeable



**ORCATORCH**

# ACCESSORIES

## Arms & Trays



**H01**  
Camera Tray



**H02**  
Camera Tray



**SH01**  
Bolt Snap Hook



**SH02**  
Bolt Snap Hook



**SH03**  
Bolt Snap Hook



**H03**  
Camera Tray



**H620**  
Goodman Handle



**ZJ18**  
Ball Joint Bracket



**ZJ13**  
Ball Joint Clamp



**ZJ12**  
Handle



**WS01**  
Wrist Strap  
Compatible for flashlight diameters  
24-28mm



**WS02**  
Wrist Strap  
Compatible for OrcaTorch  
D630, D620, D611, D850, D910V,  
D900V and D820V



**HM01**  
Helmet Mount



**AS01**  
Arm Strap  
Compatible for flashlight diameters  
30-40mm.



**MX05**  
Mask Mount



**Snoot**  
For D530V Dive Light



**ORCA TORCH**

Atlantis. The name echoes through the ages like a magic spell. Did it really exist? Where is it?

Let's dive and search for the lost Atlantis on the earth or in your heart.  
Join us and have fun together!



# SEARCH FOR ATLANTIS 2025

April 15 - June 15, 2025



Scan to know what the Atlantis is like for different people

## Search for Atlantis 1st Winners: 2019-2024



**2020**

Kevin Aschenbrenner-Sturm



**2022**

Victor de valles



**2024**

Przemyslaw Zyber



**2019**

Tom St George



**2021**

Alvaro Herrero Lopez Bietran



**2023**

Leny Marlina

