



## INTRODUCTION

OrcaTorch was founded by a group of passionate flashlight enthusiasts and technology geeks in 2014. The founder Carson Weng, is an outdoor enthusiast who has more than 10 years' experience in the manufacture of high-end flashlights. When he was diving in Thailand for the first time in 2013, he found that divers were using low-quality dive lights which lacked innovation and usually did not work at the critical moments. He decided to use his talent in the flashlight industry and created a high-quality and innovative dive light brand and named it as OrcaTorch.

Orca, is a kind of whale that is fearless in challenging everything, free and unconstrained to parade all over the sea as it pleases. They conquer all the difficulties with team spirit and wisdom. They are the overlords of the sea and the best symbol of underwater adventure spirit.

Inheriting the excellent characteristics of the Orca and combining with advanced technology, Orca Torch has developed a series of dive lights that feature high brightness, long runtime, long beam distance, significant waterproofness, high impact resistance and easy operation. Orca Torch advocates the spirit of 'follow your heart and just do it'. We love to explore the wonders of the world, feel the excitement of challenge and enjoy the freedom of life together with all underwater adventurers.







## **PRODUCT ADVANTAGES**





CREE LED, Environment friendly, long lifetime and durable 50000 hours lifespan, 10 times as efficient as the ordinary LEDs.



High-efficiency constant current circuit instead of PMW circuit constant brightness without flicker.



Two sides coated toughened glass with high water pressure resistance. Water pressure resistant construction, depth rated to 150 meters.



Alloy aluminum reflector with professional optical analysis.

#### MANUFACTURING PROCESS

OrcaTorch lights use aircraft-grade aluminum AL-6061-T6 with light weight and high strength. All lights adopt premium Type III military hard-anodized finish which is better anti-abrasive than normal anodization and performs well in extreme environment. We also upgrade the finish of diving light to latest diamond grade seawater-corrosion-resistance hard anodized finish which is thicker and denser than normal Premium Type III military hard anodization, making the light surface as tough as diamond to protect the light from seawater corrosion.

#### **TESTING STANDARD**

OrcaTorch's stated data has been measured according to the international flashlight test standards (ANSI/NEMA FL1) under laboratory conditions.

#### 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 you register your OrcaTorch lights through our official website www.orcatorch.com, you will get extra 12 months and totally 2 years warranty.



## ORCATORCH D720

#### MAIN FEATURES:

- Super focus beam angle,3°~25° adjustable
- 1000 Meters Beam Distance
- 21700 Battery Compatible
- Overheat Protection
- Battery Level Indicator on side switch
- Underwater depth rated to 150 meters



**COMING SOON** 













- CREE LED, Max 1000 lumens
- Uses 1\*18650/2\*CR123A/2\*16340 batteries
- Mechanical head rotary switch offers high reliability underwater
- 12° beam angle
- Water pressure resistant construction, depth rated to 150 meters

#### TECHNICAL PARAMETERS

Output: 1000 lumens

Runtime: 2h

Beam Distance: 250m(On land) Intensity: 14300cd

**Dimension:** 134.5mm(Length) \*24mm(Diameter) \*30mm(Head)

Net weight: 113.5g(Excluding battery)

Accessories: 1\*18650 battery, Charger, Lanyard, Spare O-rings



## **ORCATORCH D520**

Max 1000 lumens





**TECHNICAL PARAMETERS** 

- CREE LED, Max 1000 lumens
- Uses 1\*18650 battery
- 8° beam angle
- Magnetic controlled tail switch offers high waterproofness and easy operation underwater
- Standard included wrist strap fastens the flashlight to the back of your hand
- Water pressure resistant construction, depth rated to 150 meters



Tail Switch

Enter



#### **TECHNICAL PARAMETERS**

Output: 1000 lumens(High), 367 lumens(Low), 1000 lumens(Strobe)

Runtime: 2h 5min(High), 5h 45min(Low)

Beam distance: 253m(On land) Intensity: 16000 cd

Dimension: 146mm(Length) \*25.4mm(Diameter) \*40mm(Head)

**Net weight:** 183g(Excluding battery)

Accessories: 1\*18650 battery, Charger, Wrist strap, Spare O-rings, Lanyard

## **ORCATORCH D550**





#### MAIN FEATURES:

• Mini dive light with only 9cm length, 47.5g

**ORCATORCH D560** 

Max 630 lumens

- CREE LED. Max 630 lumens
- 15°beam angle
- Uses 1\*single AA battery or 1\*14500 Li-ion battery
- Mechanical head rotary switch offers high reliability underwater
- Water pressure resistant construction, depth rated to 150 meters



MX05 Mask Mount (Optional Accessory)

#### **TECHNICAL PARAMETERS**

Output: 180 lumens(AA battery), 630lumens(14500 battery)

Runtime: 1h 25mins(AA battery), 1h(14500 battery)

Beam distance(On land): 73m(AA battery), 119m(14500 battery)

Intensity: 1320cd(AA battery), 3520cd(14500 battery)

**Dimension:** 92mm(Length) \*20mm(Diameter) \*24mm(Head) **Net weight:** 47.5g(Excluding battery)

Accessories: Spare O-rings, Lanyard

ORC TORCH

- D560-GL green laser, D560-RL red laser
- Uses 1\*single AA battery or 1\*14500 Li-ion battery
- Mechanical head rotary switch offers high reliability underwater
- Water pressure resistant construction, depth rated to 150 meters

#### TECHNICAL PARAMETERS

Runtime(D560-GL): 5h 20min(AA battery), 5h(14500 battery)

Runtime(D560-RL): 10h 24min(AA battery), 17h 30min(14500 battery)

Beam distance: >1000m(On land)

Dimension: 92mm(Length) \*20mm(Diameter) \*24mm(Head)

Net weight: 50g(Excluding battery)

Accessories: 2\*AA batteries, Lanyard, Spare O-rings









ORC TORCH

Side Titanium Alloy Button Switch

MAIN FEATURES:

- Two light sources: 8° white beam + Green/red laser
- Easy operation with side button switch
- Battery indicator

Max 1000 lumens

- Intelligent Over-Heat protection
- Water pressure resistant construction, depth rated to 150 meters

CATORCH D570-GL/RL

#### TECHNICAL PARAMETERS

Output: 1000 lumens(White)

CREE LED+Laser

Runtime: 1h 51mins(White), 13h36min(D570-GL laser), 80h(D570-RL laser)

18650 Li-ion battery

Beam distance(On land): 281(White), >1000m(Laser)

Dimension: 134mm(Length) \*26mm(Diameter) \*40mm(Head)

Net weight: 176g(Excluding battery)

Accessories: 1\*18650 Li-ion battery, Charger, Lanyard, Spare O-rings

- CREE LED. Max 530 lumens
- Uses 3\*AAA batteries, compatible with 1\*18650 battery
- 6° beam angle
- Mechanically head rotary switch offers high reliability underwater
- Intelligent Over-Heat protection
- Water pressure resistant construction, depth rated to 150 meters





## TECHNICAL PARAMETERS

Output: 480 lumens(3\*AAA Batteries), 530lumens(1\*18650 Li-ion battery

Runtime: 2h 50mins(3\*AAA Batteries), 3h 30mins(1\*18650 Li-ion battery)

Intensity: 8000cd

**Dimension:** 128.5mm(Length) \*27mm(Tube) \*35.5mm(Head)

Net weight: 128g(Excluding batteries)

Accessories: 3\*AAA batteries, Battery shield, Lanyard, Spare O-rings

## **ORCATORCH D580**

Max 530 lumens



• Water pressure resistant construction, depth rated to 150 meters

Accessories: 1\*21700 battery, USB Charging Cable, Lanyard, Spare O-rings

- Luminus LED, Max 3000 lumens
- Uses 1\*21700 5000mAh USB charging battery
- 6° beam angle
- Easy operation with side titanium alloy button switch
- Safe lock function, prevents mis-operation
- Intelligent Over-Heat protection
- Water pressure resistant construction, depth rated to 150 meters

Luminus LED

17 - www.orcatorch.com



21700 5000mAh USB charging battery



Side Titanium Alloy Button Switch

#### **TECHNICAL PARAMETERS**

Output: 3000 lumens(Turbo), 1700 lumens(High), 800 lumens(Middle), 400 lumens(Low)

Runtime: /, 1h 40mins(High), 3h 40mins(Middle), 7h 40min(Low)

Intensity: 23750 cd

**Dimension:** 154.9mm(Length)\*27mm(Tube)\*36mm(Head)

**Net weight:** 152g(Excluding battery)

Accessories: 1\*21700 battery, Usb Charging cable, Lanyard, Spare O-rings

## ORCATORCH D710

Max 3000 lumens









- Powered by 1\*AAA battery
- Strobe: Flash 3 times every 2 seconds
- Max Runtime 108 hours
- Dimension: 77.5(Length)\*19mm(Diameter)
- Net Weight:23.5g
- Accessories: 1\*AAA battery, O-rings, lanyard
- Available Colors:Blue, Red, Green, White, Orange
- Waterproof 150m



5 Color Options

#### SD02 MAIN FEATURES:

- Powered by 1\*AAA battery
- Constant lighting
- Max Runtime 40 hours
- Dimension: 77.5(Length)\*19mm(Diameter)
- Net Weight: 23.5g
- Accessories: 1\*AAA battery,O-rings, lanyard
- Available Colors: Blue, Red, Green, White, Orange
- Waterproof 150m



## SD03 MAIN FEATURES:

- Compatible with 1\*AA battery or 1\*14500 battery
- Constant lighting, Strobe
- Max Runtime 250 hours
- Dimension: 76.15mm (Length)\*30.5mm (Head Dia)
- Net Weight: 50g
- Accessories: AA battery, Lanyard, User Manual
- Available Colors: Blue, Red, Green, White
- Waterproof 150m

rch com - 18



- CREE LED. Max 2200 lumens
- Uses 2\* 26650 batteries, compatible with 3\*C batteries
- 8° beam angle
- Mechanically head rotary switch offers high reliability underwater
- Intelligent Over-Heat protection
- Water pressure resistant construction, depth rated to 150 meters

#### TECHNICAL PARAMETERS

Output: 900 lumens(3\*C Batteries), 2200 lumens(2\*26650 Batteries)

Runtime: 5h 30mins(3\*C Batteries), 3h 10mins(2\*26650 Batteries)

Intensity: 21000cd(2\*26650 Batteries), 6250cd(3\*C Batteries)

**Dimension:** 197mm(Length) \*34mm(Tube) \*51mm(Head)

**Net weight:** 274g(Excluding batteries)

Accessories: 2\*26650 batteries, Lanyard, Spare O-rings, Brand rubber bands





#### MAIN FEATURES:

- CREE LED. Max 2700 lumens
- Uses 4\*18650 Li-ion batteries
- 14° beam angle
- 90° rotary lockable switch offers easy and reliable operation
- Easy-pack adjustable rotary goodman handle
- Water pressure resistant construction, depth rated to 150 meters

#### TECHNICAL PARAMETERS

Output: 2700 lumens(High), 800 lumens(Middle), 150 lumens(Low)

Runtime: 2h 30mins(High), 8h 50mins(Middle), 37h(Low)

Beam distance: 260m(On land), Intensity: 16870cd, Net weight: 681g(Excluding battery)

**Dimension(Light head):** 83mm(Length) \*50mm(Diameter) **Dimension(Canister):** 113mm(Length) \*54mm(Diameter)

Accessories: 4\* 18650 batteries, Charger, Handle, Spare O-rings

- 5\*CREE LEDs, Max 4000 lumens
- 90-180° angle adjustable cable, suitable for both back mount and side mount diving
- 7° super focus beam
- 90° rotary switch with battrey indicator
- 89Wh rechargeable large capacity battery pack
- 5 hours long runtime at brightest mode
- Battery can be used as a power bank
- Water pressure resistant construction, depth rated to 150 meters



#### **TECHNICAL PARAMETERS**

Output: 4000 lumens(High), 1500lumens(Middle), 460lumens(Low)

Runtime: 5h(High), 7h 26mins(Middle), 23h 50mins(Low)

Beam distance: 514m(On land), Intensity: 66080cd, Charging time: 4h

Light Head: 96mm(Length) x 60mm(Diameter)
Canister: 209mm (Length) x 59mm(Diameter)
Net weight: 1.37kg(Including battery pack)

Accessories: Rechargeable battery pack, Goodman handle, Spare O-rings, Charger



Titanium Allov Side

Button Switch

#### MAIN FEATURES:

- 5\*CREE LEDs. Max 2500 lumens
- Uses 2\*26650 li-ion rechargeable batteries
- Super focus optical design provides 6 degrees beam angle
- Titanium alloy side button switch, anti-corrosion and stable
- Safe lock function, prevents accidental operation
- Battery indicator
- Water pressure resistant construction, depth rated to 150 meters

#### TECHNICAL PARAMETERS

Output: 2500 lumens(High), 1050 lumens(Middle), 300 lumens(Low)

5\*CREE LEDs

Runtime: 3h 30mins(High), 5h(Middle), 13h 30min(Low)

Beam distance: 464m(On land), Intensity: 53900cd

**Dimension:** 228mm(Length) \*34mm(Diameter) \*60mm(Head)

Net weight: 453g(Excluding battery)

Accessories: 2\*26650 batteries, Charger, Lanyard, Spare O-rings

2 \*26650 Batteries

- 3\*CREE LEDs. Max 4200 lumens
- Direct charging system with a short charging time of 3.5 hours
- 10° beam angle
- Replaceable INR battery pack
- Titanium alloy tail button switch, easy operation
- Safe lock function avoids misoperation
- Specially designed handle, easy to carry and assemble
- Battery indicator
- Water pressure resistant construction, depth rated to 150 meters



**Battery Indicator** 



INR Battery Pack

#### TECHNICAL PARAMETERS

Output: 4200 lumens(High), 1500 lumens(Middle), 500lumens(Low)

Runtime: 1h(High), 4h 30min(Middle), 14h(Low)

Beam distance: 310m(On land), Intensity: 24000cd, Charging time: 3.5h

Dimension: 189mm(Length) \*51mm(Diameter) \*64mm(Head)

Net weight: 773g

Accessories: Battery pack, Home charger, Lanyard, Spare O-rings









**DIVE LIGHTS** 



# ORC TORCH D900V D530V D910V - 27 - www.orcatorch.com

#### MAIN FEATURES:

- CREE LED, Max 1200 lumens
- Uses 1\*18650 Li-ion rechargeable battery
- 140° super wide beam angle
- Easy operation with side titanium alloy button switch
- Battery indicator
- Water pressure resistant construction, depth rated to 150 meters

#### **TECHNICAL PARAMETERS**

Output: 1200 lumens(High), 290 lumens(Low)
Runtime: 1h 24min(High), 4h 36min(Low)

**Dimension:** 142mm(Length) \*25.5mm(Diameter) \*35.5mm(Head)

**Net weight:** 145g(Excluding battery)

Accessories: 1\*USB rechargeable 18650 Li-ion battery, USB charging cable, Lanyard, Spare O-rings





- Max 2200 Lumens
- Red, UV, Neutral white with 120° flood beam, cool white with 8° spot beam
- Magnetic fast charging of 2.5hrs
- Dual titanium alloy switch controls different lighting sources independently
- Water pressure resistant construction, depth rated to 150 meters

#### TECHNICAL PARAMETERS

Output/Runtime(Flood beam): 2200 lumens/2h 45min(High), 600 lumens/4h 20min(Low)

Output/Runtime(Spot beam): 820 lumens/4h(High), 250 lumens/18h(Low)

Output/Runtime: 250 lumens/7h(Red), -/5h(UV)

Beam distance: 230m(On land), Charging time: 2.5h

**Dimension:** 129.5mm(Length) \*45mm(Diameter) \*53mm(Head)

Net weight: 430g

Accessories: Home charger, Ball joint, OrcaTorch rubber ring, Spare O-rings

#### MAIN FEATURES:

- CREE COB LED, Max 5000 lumens
- 120° wide beam angle
- Color temperature 5700K, CRI 92
- Magnetic fast charging of 2.5hrs
- Dual titanium alloy switch
- Water pressure resistant construction, depth rated to 150 meters

#### TECHNICAL PARAMETERS

Output: 5000 lumens(High), 2000lumens(Middle), 500lumens(Low)

Runtime: 50mins(High), 2h 10min(Middle), 8h 50mins(Low)

Charging time: 2.5h

Dimension: 129.5mm(Length) \*45mm(Diameter) \*53mm(Head)

Net weight: 430g

Accessories: Home charger, Ball joint, OrcaTorch rubber ring, Spare O-rings











Large Capacity Battery Pack

- CREE COB LED, Max 10500 lumens
- Spherical toughened glass optical lens design, 120° wide beam angle
- Color temperature 5700K, CRI 92
- Built-in replaceable large capacity battery pack
- Tail switch controls 4 brightness modes
- Tail LED indicator instantly displays the battery's remaining power
- Water pressure resistant construction, depth rated to 150 meters

### TECHNICAL PARAMETERS

Output: 10500 lumens(Turbo), 6200 lumens(High), 3000 lumens(Middle), 1100 lumens(Low)

Runtime: 1h 12mins(Turbo), 1h 54mins(High), 3h 50mins(Middle), 10h(Low)

Charging time: 3h 10min

Dimension: 255mm(Length) \*53mm(Diameter) \*72mm(Head)

Net weight: 1059g(Including battery)

Accessories: Battery pack, Home charger, Ball joint, OrcaTorch rubber ring, Spare O-rings



21700

21700 USB Rechargeable Battery 5000mAh

**ACCESSORIES** 



18650

18650 USB Rechargeable Battery-3400mAh



03 18

18650 Rechargeable Battery-3400mAh



04 145

1450 Batt

05 20

26650 Rechargeable Battery-5000mAh



06 SH01/02/03

Snap Ho



# Ball joint Bracket Waterproof Dry Bag(5L) Mask Mount HM01 Goodman Handle Snoot for D530V Helmet Mount WS01 Wrist Strap Wrist Strap Arm Strap

## **SPECIFICATIONS**



Model	Max Output	Models	Max Runtime	Waterproof	Dimension(mm)	Net Weight	Battery
D520	1000 lumens	1	2h	150m	134.5x24x30	113.5g	1*18650/2*CR123A/2*16340
D530	1300 lumens	2	4h 30min	150m	142x25.5x35.5	136g	1*18650
D550	1000 lumens	3	5h 45min	150m	146x25.4x40	183g	1*18650
D560	630 lumens	1	1h 25min	150m	92x20x24	47.5g	1*AA/1*14500
D560-GL/RL	/	1	5h/17h 30min	150m	92x20x24	50g	1*AA/1*14500
0570-GL/RL	1000 lumens	2	13h 36min/80h	150m	134x26x40	176g	1*18650
D580	530 lumens	1	3h 30min	150m	128.5x27x35.5	125g	1*18650/3*AAA
D700	1700 lumens	1	1h 50min	150m	142x27x36	135g	1*21700
D710	3000 lumens	4	7h 42min	150m	154.9x27x36	152g	1*21700
D511	2200 lumens	1	5h 30min	150m	197x34x51	274g	2*26650/3*C
D620	2700 lumens	3	37h	150m	80x50(Head)/113x54(Canister)	681g	4*18650
D630	4000 lumens	3	23h 50min	150m	96x60(Head)/209x59(Canister)	1370g	Battery Pack
D850	2500 lumens	3	13h 30min	150m	228x34x60	453g	2*26650
D860	4200 lumens	3	14h	150m	189x51x64	773g	Battery Pack
D530V	1200 lumens	2	4h 36min	150m	142x25.5x35.5	145g	1*18650
D900V	2200 lumens	6	18h	150m	129.5x45x53	430g	Battery Pack
D910V	5000 lumens	3	8h 50min	150m	129.5x45x53	430g	Battery Pack
D950V	10500 lumens	. 4	10h	150m	255x53x72	1059g	Battery Pack