



## User manual



# D611

### Max 2400 lumens

### PRODUCT INTRODUCTION

ORCATORCH D611 is a primary canister dive light specially designed for underwater adventure such as scuba diving and cave diving. The light head is connected by a cable to the battery canister containing two 26650 batteries, this allows you to fix the battery canister to your body so you just need to hold the small light head when using it. That makes a combination of high portability, high output and long runtime. What's more, OrcaTorch's unique magnetic switch gives multiple choices on modes to meet different needs.

### PRODUCT FEATURES

- ✓ Cree LED, 2400 lumens output
- ✓ Uses two 26650 batteries
- ✓ Battery canister is separated from the light, easier to carry
- ✓ Totally sealed magnetic switch offers high waterproofness and easy operation underwater
- ✓ Water pressure resistant construction, depth rated to 150 meters
- ✓ Reverse polarity protection, to protect from improper battery installation
- ✓ Over-discharge protection function
- ✓ Aircraft-grade high strength aluminum material
- ✓ The latest diamond grade hard-anodized seawater-corrosion resistance finish
- ✓ Alloy aluminum reflector with professional optical analysis
- ✓ Toughened glass with two-side coating

### TECHNICAL PARAMETERS

| ANSI/NEMA FL1    | High  | Middle     | Low        |
|------------------|---|------------|------------|
| Output           | 2400 Lumens   | 830 Lumens | 180 Lumens |
| Runtime          | 2h10min   | 6h36min    | 22h        |
| Beam Distance    | 251m (On land)  |            |            |
| Intensity        | 15790cd   |            |            |
| Impact Resistant | 1m  |            |            |
| Waterproof       | Under water 150m  |            |            |
| Working voltage  | 5.5 - 8.4 V   |            |            |
| Dimension        | Light head: 82mm (Length) x 50mm (Diameter)<br>Canister: 194mm (Length) x 40mm (Diameter) |            |            |
| Net weight       | 580g (excluding battery)  |            |            |
| Accessories      | Two 26650 batteries, charger, handle, O-rings   |            |            |

**Notice:** Stated data has been measured according to the international flashlight test standards ANSI/NEMA FL1 using two OrcaTorch 26650 Li-ion batteries (3.7V, 4000mah) under laboratory conditions. The parameters are approximate and may vary between flashlights, batteries, and environments.

### OPERATION INSTRUCTIONS

1. ON/OFF: Insert the battery and tighten all the connections to turn on the flashlight at default low mode, press the magnetic switch on the battery canister to turn it off.
2. Mode Selection: Press the magnetic switch to switch mode among high, middle, low and off.
3. The total runtime will be extended significantly if the light is used discontinuously.



Tail switch

### BATTERY REPLACEMENT

1. Please insert the batteries with the right direction as shown in the figure.
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.



### USAGE AND MAINTENANCE

- ✦ Please keep the flashlight away from high intensity magnetic fields, or the switch may fail to function.
- ✦ 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 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: 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](http://www.orcatorch.com) to get extra 1 year warranty.

### Warning

The flashlight is highintensity lighting device and capable of causing eye damage, please avoid shining the light directly into the eyes.

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