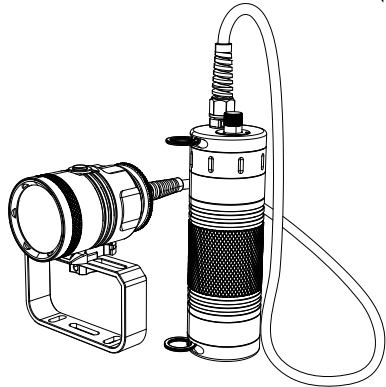


ABYSS Varilux



NORTHERN DIVER
OPENWATER SUITS & EQUIPMENT

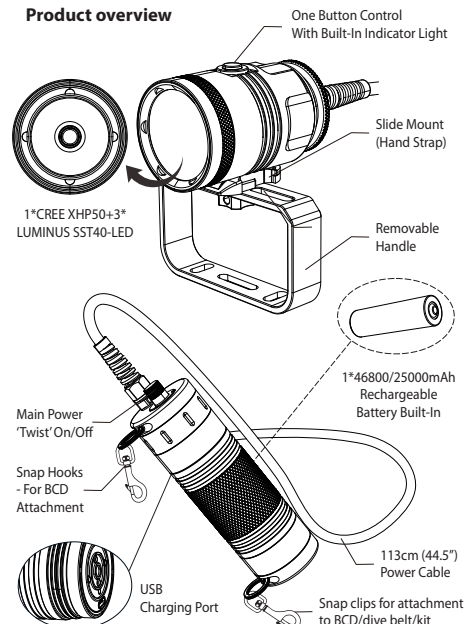
Thank you for your purchase.

Please read this manual carefully before using.
It includes important product function and operational instructions.

What's Included?



Product overview



Torch Troubleshooting – Quick Guide

Always disconnect power/dry thoroughly if exposed to water. Do not disassemble (voids warranty). For unlisted issues stop use & contact us.

Light Won't Turn On	
Causes	Fixes
Dead battery, main switch off, incorrect button press, water damage.	Fully charge battery (8hrs with supplied USB-C). Ensure main switch is in standby mode. Short press power for focus beam; long press 2s for flood beam. If submerged beyond rated depth, check for leaks; contact support if water inside.

Dim or Inconsistent Beam	
Causes	Fixes
Low battery, dirty lens, low mode, condensation.	Fully charge battery. Cycle beam modes to High/Med. Air-dry 24–48hrs if condensation present.

Charging Fails	
Causes	Fixes
Faulty cable, dirty port, incompatible charger, loose lid.	Use supplied USB-C cable; test with another device. Clean port with dry cotton swab. Use 5V/2A power source. Avoid high-voltage chargers. Tighten lid fully clockwise.

Beam Switching Issues	
Causes	Fixes
Wrong button press, standby mode off, minor glitch.	Ensure main switch in standby. Short-press (focus) or long-press 2s (flood). Reset: turn off main switch 30s, then reactivate. Contact support if persists.

Water Leakage	
Causes	Fixes
Damaged seal, loose lid, debris on seal.	Turn off main switch; dry device immediately. Clean seal; replace if torn. Reattach lid, seat seal properly, tighten fully (no over-tightening!).

Northern Diver International Ltd, Appley Lane North, Appley Bridge, Wigan, Lancashire, WN6 9AE.
Email: info@ndiver.com. Telephone: +44 (0) 1257 25 44 44



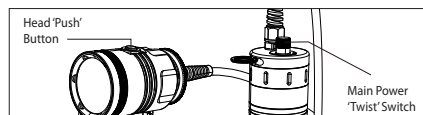
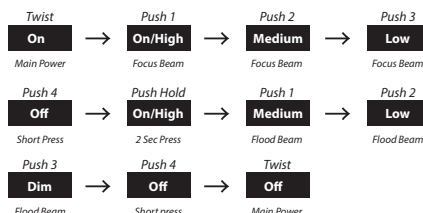
Specification

Surface & Diving Use

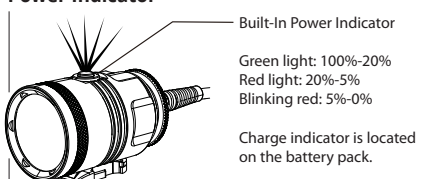
LED	1* Cree XHP50+3* LUMINUS SST40-LED	
LED Life Span	60,000hrs	
Output	3500 lumens	
	(100% flood + focus beam)	
Burn Time	1.5 hrs (100% flood + focus beam)	
Flood Beam Mode	Lumens	2000 - 1200 - 220
	%	100% - 70% - 15%
	Burn Time	3hrs - 4hrs - 27hrs
Focus Beam Mode	Lumens	1800 - 1000 - 200
	%	100% - 70% - 15%
	Burn Time	3hrs - 5.5hrs - 34hrs
Beam Distance	270m (889') @5m (16.4')	
Beam Intensity	18250cd @5m (16.4')	
Beam Angle	≈14°	
Colour Temperature	5700~7000k	
Switch Design	Head: one push button, battery: twist switch	
Impact Resistance	1m (3.3')	
Depth Rating	100m (328')	
Waterproof Rated	IPX8	
Build	#6063 aluminium	
Battery	1*46800/25000mAh (sealed unit)	
Charge Time	8hrs	
Dimensions	Head	∅ 59.5*92mm (2*3.6")
	Battery	∅ 52*173mm (2*6.8")
Weight	Head: 320g (0.7lbs), Battery: 729g (1.6lbs)	

Operation

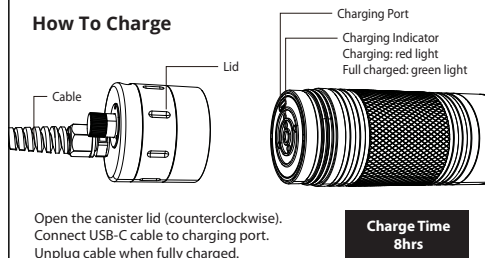
Easily turn the torch on/off at the main power switch and cycle through the modes by pressing the push button.



Power Indicator



How To Charge



Open the canister lid (counterclockwise). Connect USB-C cable to charging port. Unplug cable when fully charged.

Safety Warnings



READ BEFORE USE

- Certified divers only — no training = risk of injury/drowning.
- Depth limit 100m (328'); exceeding may cause leaks/flooding.
- Use only manufacturer-approved batteries; reject damaged/leaking packs; avoid short-circuits.
- Use fully charged batteries; use torch only as intended.
- Do not shine light into eyes — may cause blindness.
- Do not cover or place light head face down when on — heat may cause damage.
- Prevent fire hazards — do not direct beam at dry, flammable materials for extended periods.
- Avoid extreme heat — do not place torch near hot surfaces.
- Inspect torch regularly; check for damage or wear before each use. Do not use if damaged.
- Handle with care; avoid dropping or impacting the torch.
- This light can be used on land or underwater. When used on land, the brightness may reduce automatically after a few minutes due to the temperature protection circuit. This is normal. The light is designed to prevent internal condensation.

Pre-Dive Checks

- Waterproof seal: clean O-rings, check for wear/cracks; lightly grease; fasten lid tightly.
- Battery & power: fully charge, insert correctly, test all modes; use supplied cable only.
- Cable & headlamp: inspect cable and lens; secure canister connection.

In-Water Use

- Protect from impacts and sharp objects; avoid high-temperature storage (bags/containers).
- Emergencies: dead light → check switch, use backup; do not open canister underwater. Leaks → end dive, remove battery, stop use.

Post-Dive Care & Storage

- Rinse in fresh water after saltwater use; wipe with soft cloth; avoid damaging cleaning agents. Dry thoroughly, not in direct sunlight; store only when completely dry.
- Clean lens with cotton swab to remove grit, sand, grease.
- Battery: remove if unused >2weeks; store cool/dry; recharge every 3months (no overcharging).
- Storage: dry, ventilated space.

Service

- No self-disassembly — voids warranty.
- Repairs/parts: manufacturer or authorised centre only.

Warranty (non-transferable)

12 months from purchase (covers material/workmanship defects; excludes misuse, overdepth, self-disassembly, and normal wear such as O-rings, lens scratches, or battery life beyond 6 months). To claim, contact customer service with your receipt and photos of the issue.