

RAW X

HIGH-PERFORMANCE WATERPROOF TORCH

750-lumen handheld torch engineered for marine, offshore and adventure use. World Sailing OSR compliant. Designed and built in the UK.

PRODUCT OVERVIEW

The RAW X is the ultimate lighting companion for any adventure on land or sea. Delivering 750 lumens of spot-beam power when you need it most, it combines penetrating long-range white light with an ultra-low wide red mode that runs for over 125 hours - preserving your night vision when it counts.

Built from lightweight anodised aluminium and meeting World Sailing Offshore Special Regulations (IP67, rechargeable, 400+ lumens), the RAW X is an essential tool for sailors, offshore racers, adventurers, and emergency responders.

Two control modes give you flexibility: BASIC scrolls through five pre-set modes; ADVANCED gives full independent control over beam angle and colour, with last-mode memory for instant recall.

Bypass white output for instant access to red light with single press and hold from any off mode.

KEY HIGHLIGHTS

- 750 lm spot-beam maximum output
- 125+ hours red-mode runtime
- IP67 waterproof rating
- World Sailing OSR compliant
- USB-C rechargeable
- Lightweight aluminium - 95 g
- Single-click red light access
- BASIC & ADVANCED control modes
- 2-year warranty
- Lifetime LED guarantee
- Designed & built in the UK
- Helmet compatible

TECHNICAL SPECIFICATIONS

Parameter	Value / Detail
Max Output (White)	750 lumens (Spot beam)
Measured Lumens	725 lm (independently verified)
Beam Modes	Spot White · Low Wide White · Wide Red
Max Red Output	Ultra-low wide red beam
Red Runtime	> 125 hours (ultra-low red mode)
Battery	Lithium-Ion, 3,500 mAh
Charging	USB-C (fast charge)
Charge Time	Approx. 4 hours
IP Rating	IP67 — waterproof (1 m, 30 min)
Housing	Anodised 6063 aluminium
Weight	95 g
Length	Approx. 4 inches (c. 100 mm)
Control Modes	BASIC (5 pre-set modes) / ADVANCED (full beam + colour control)
Mode Memory	Last mode recalled on next activation (ADVANCED mode)

Parameter	Value / Detail
Regulatory Compliance	World Sailing Offshore Special Regulations (IP67, rechargeable, 400+ lm)
LEDs	Cree XPL / XQE (white) + red LED
Origin	Designed and built in the UK
Warranty	2 years standard
LED Guarantee	Lifetime guarantee on LED components
Servicing	Repairs carried out beyond warranty period

LIGHTING MODES

Mode	Beam Type	Output	Primary Use Case
High White (Spot)	Spot / focused	750 lm (max)	Distance visibility, navigation
Low Wide White	Flood / wide	Reduced	Close-up tasks, on-deck work
Wide Red (Ultra-Low)	Wide flood	Ultra-low (125+ hr)	Night-vision preservation, sailing
Wide Red (High)	Wide flood	High red output	Signalling, deck work, safety

Note: In ADVANCED mode, beam angle and colour are independently selectable with last-mode memory. In BASIC mode, the torch scrolls through 3 white modes and 2 red modes in sequence.

APPLICATIONS

- Offshore & ocean racing
- Coastal and inshore sailing
- Kayaking & sea kayaking
- Emergency & grab-bag kit
- Military & professional field use
- Camping, hiking & multi-day expeditions
- Search and rescue operations
- Helmet mount capability

COMPLIANCE & STANDARDS

The RAW X meets World Sailing Offshore Special Regulations, which require a watertight, IP67-rated rechargeable LED torch of at least 400 lumens. With a maximum output of 750 lm and an IP67 rating, it comfortably exceeds this threshold.

IN THE BOX

- RAW X torch (aluminium body)
- USB-C charging cable
- Quick-start guide

RUNTIMES AND OUTPUTS

BASIC

Mode	Output (lumens)	Runtime (hours)
Flood Low	15	125
Flood High	300	3.75
Spot High	525	2.5
Boost	725	N/A
Red Low	2	140
Red High	25	7

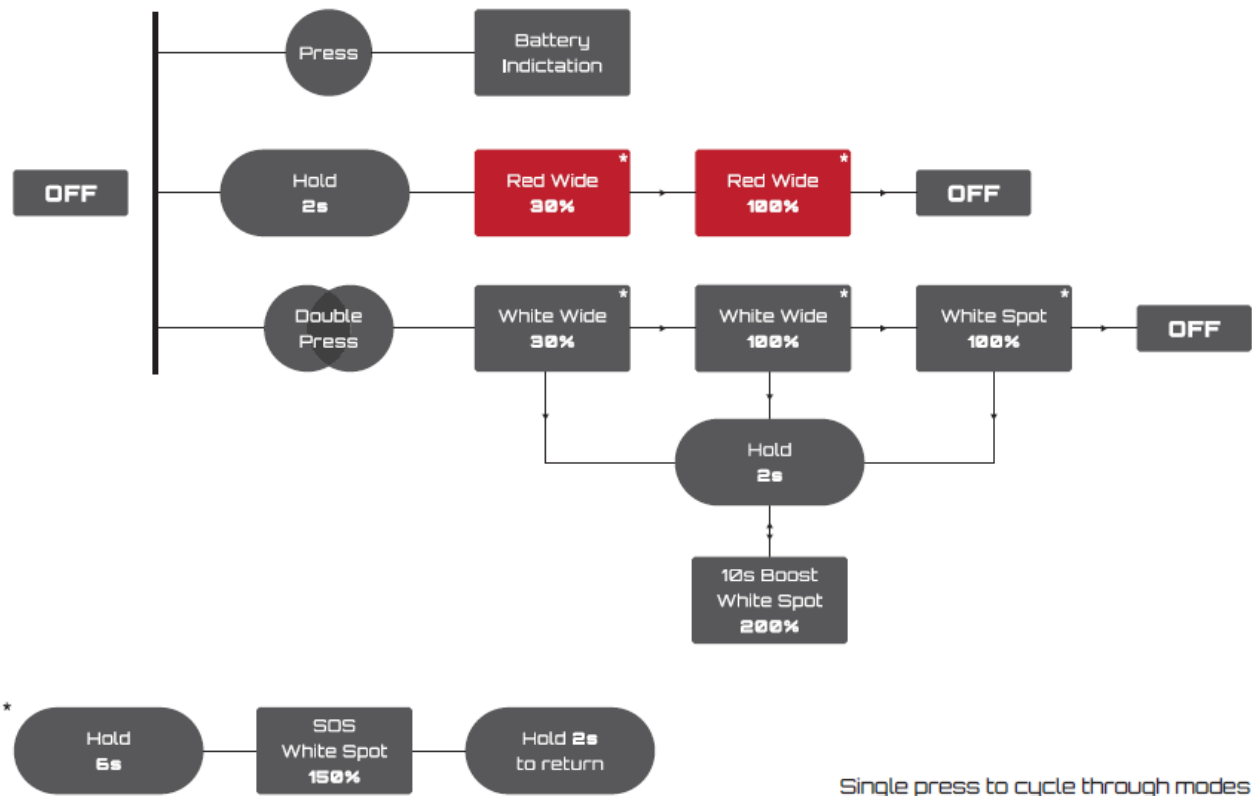
ADVANCED

Mode	Output (lumens)	Runtime (hours)
Flood Low	15	125
Flood Medium	240	9
Flood High	300	3.75
Spot Low	10	74
Spot Medium (Both Lenses)	430	2.5
Spot High	525	2.5
Boost	725	N/A
Red Low	2	140
Red Medium	10	40.5
Red High	25	7

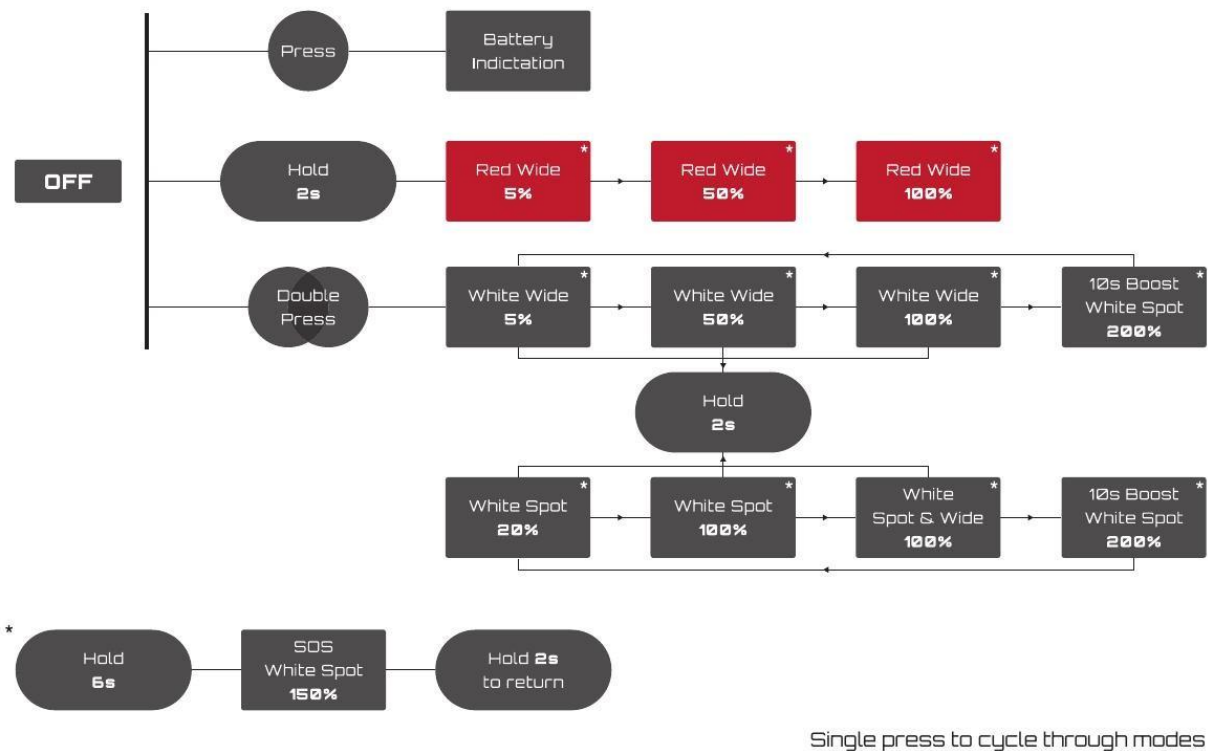
TECHNOLOGIES / FEATURES

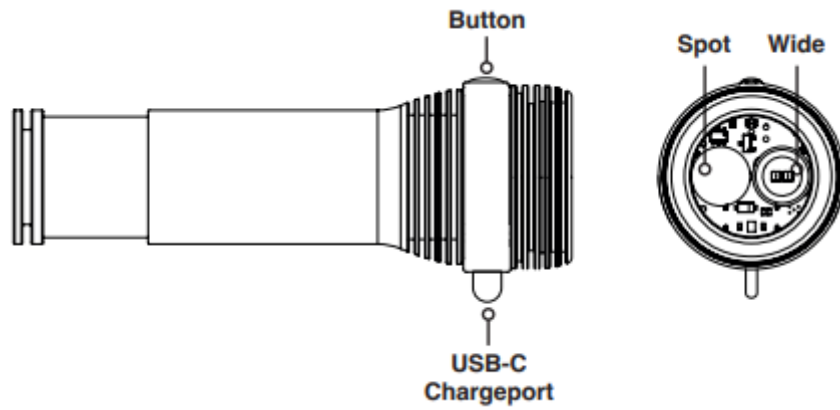
Feature	Description
C.A.P.	Colour – Angle – Power. Full independent control of the colour, angle, and power of the beam.
R.A.W.	Red – And – White. Dual-spectrum output: maximum-power white light for long-range visibility, plus red light to preserve night vision.
BOOST	Ramps the spot lens to 1,000 lumens for up to 10 seconds for maximum penetration distance.
SOS	International distress signal mode for emergency situations and rapid identification.
OMS	Optimized Mode Selector. Choose between BASIC (5 pre-set modes) and ADVANCED (full beam and colour control) user interface via a programmable hold sequence.

UI MAP BASIC



UI MAP ADVANCED





WARRANTY & SERVICE 2-year standard | Lifetime LED guarantee | Servicing beyond warranty

Exposure Lights are designed to last a lifetime. The company carries out repairs and servicing on all products, even beyond the warranty period.

Product information: www.exposurelights.com/products/raw-x