



MARINE LIGHTING 2016



www.ultimatesportsengineering.com

TECHNOLOGY EXPLAINED



TAP ACTIVATED POWER (TAP)

Exposure Lights continue to introduce new ideas and patent technologies to improve functionality and enhance the experience of night riding. The latest innovation is TAP. Tap Activated Power, the Diablo Mk7 and Axis Mk3 are tuned to recognise a tap which instantly changes mode. Faster and easier access to mode selection allows for increased concentration and enjoyment of riding.



OLED STATUS DISPLAY (OSD)

OSD patent advances unique Exposure Lights technology. The new OLED panel gives program and mode information before a burntime countdown keeps you fully informed so you can ride in full confidence. When charging, the OSD displays the percentage of stored energy in the cells so you know how long it is before you can get back to riding.



CAPACITIVE SWITCHING

Capacitive Switching increases the ease of mode changing. The entire backcap of the light acts as a button so you can touch any point to change the mode. It intelligently senses pressure so whether you're wearing big winter gloves or just not wanting to take your eyes off the route ahead the simplified switching is a touch away.



Intelligent Thermal Management (ITM)

Controlling the temperature of the LEDs is important in ensuring that the lights remain as efficient as possible. Patented technology in the circuitry of Exposure Lights stop the light from heating up to a point where the light loses power due to the elevated temperature.



CABLE FREE DESIGN (CFD)

The primary design feature of Exposure Lights, Cable Free Design removes the hassle of cables and straps utilising the superb range of brackets for speedy, rock solid attachment.



2YEAR WARRANTY

Every product comes with a full 2 year warranty and continued support from the Exposure Lights Service Team.



HEAD TORCHES



The waterproof, lightweight RAW Pro Head torch has a powerful 'Red and White' beam and has been robustly engineered to be the ultimate 'crew tool', providing unrivalled reliability and run times. Housed in a lightweight aerospace aluminium casing with marine grade anodising it is five metre shock proof and built to survive life at the extreme. Without requiring the added weight of wearing an external battery pack and USB rechargeable, it has an extremely powerful, glare-free 50 lumen red beam with an easy, single click switch accessing the bright 200 lumen white beam. It burns for 25 hours in red optimised night vision mode and between one and ten hours in white mode. An integral strobe light can be activated for emergencies, lasting up to five hours.

TECHNOLOGY

- Waterproof
- Optimised Night Vision
- USB Fast charge - 1.5 hrs
- High intensity strobe
- Fuel gauge
- Hand made in the UK

OUTPUT	WEIGHT	BURNTIME
200 - 15 lumens White 50 - 2 lumens Red	65g with headband / 43g without	1 - 10 hrs White 2 - 25 hrs Red



The Verso is an ultra-compact, lightweight head torch with an aluminium body making it tough enough for any adventure. The Verso is the latest adaption of Exposures' lighting expertise. The Verso uses replaceable internal Li Ion batteries for minimum package size, with the option of adding a Support Cell to extend burntimes. This powerful and versatile light is mounted simply on the comfortable elasticated headband with adjustable Velcro fastening in the secure bracket with angle adjustment, or used on its own as the perfect night time adventure companion.

TECHNOLOGY

- Cable Free Design
- Intelligent Thermal Management
- Optimum Mode Selector
- Fuel Gauge
- USB charging
- Hand Made in the UK

OUTPUT	WEIGHT	BURNTIME	BATTERY CAPACITY
250 lumens	41grams	Min 1 hr Max 18 hrs	700 mAh Li ion
-	Pack 95grams	Pack Min 3.5 hrs Max 60Hrs	Pack 700+1700mAh



MARINE DIVING LIGHTS



The SUB M3 Mk2 uses innovation and advanced motion sensing technology to make a Dive light that is easy use, powerful, compact and reliable underwater.

TECHNOLOGY

- A rear capacitive switch ensuring ease of use when on the surface, allowing the light to be used functionally on land as a torch or bike light
- Automatic activation between SURFACE and MOTION mode when entering and exiting the water making the whole transition seamless
- OLED screen clearly displays the mode (SURFACE or MOTION) on water entry / exit to confirm transition
- OLED screen accurately displays the remaining runtime in hours and minutes, automatically re-calculating each time you change output

OUTPUT	WEIGHT	BURNTIME	DEPTH RATING
1800 lumens	240 grams	2hrs	IPX8 200 metres
150 Lumens	-	10hrs	-
50 Lumens	-	24hrs	-

The XS100 has been designed with tough features for easy grip when wet and to survive in the toughest environments on land, water or below the water. Versatile, tough and compact.



TECHNOLOGY

- Water tight to 100M / 11 BAR
- High strength, impact proof aluminium casing to ensure the XS100 will survive every drop that life throws at it.
- 150 lumen high output for 1 hour make it one of the most powerful torches for its size.
- Compatible with headband for conversion into head torch.
- USB charging for global compatibility.



OUTPUT	WEIGHT	BURNTIME	DEPTH RATING
150 lumens	39 grams	High - 1hr	IPX8 100 metres
15 lumens	-	Low - 10hrs	-



Abs Dhahbi
CLEAN OCEAN

IWC
SAILOR
ATO

VOLVO
OCEAN
RACE
RACE THE WORLD

IWC
MUSTO

MARINE SEARCH LIGHTS

The MOB light is a floating personal searchlight with unique Man Overboard Technology (MOBT). It can be taken anywhere, used for everything and re-charged globally.



TECHNOLOGY

- High powered searchlight for quick and easy sail trimming, spotting of markers or debris, and rapid location of casualties.
- Compact size makes MOB functional in any situation, land or sea.
- Water activated strobe which can be thrown or worn to aid in fast rescue.
- Pocket sized and supplied with a holster to ensure the MOB is easily accessible for general work or an emergency.
- Transparent window in holster ensures MOBT strobe will illuminate your life jacket and the surrounding water.
- Cable free search light allows freedom of movement at sea or on land.
- USB charging for global compatibility.

OUTPUT	WEIGHT	BURNTIME	DEPTH RATING
1300 lumens	116 grams	High - 1hr	IPX8 2 metres
-	-	Medium - 5hrs	-
-	-	Low - 20hrs	-
-	-	Strobe - 40hrs	-



The X2 is a floating personal searchlight with unique Optimised Night Vision (ONV) red beam modes. It can be taken anywhere, used for everything from cycling, changing a tyre to trimming on a 100ft yacht.

TECHNOLOGY

- High powered search light for quick and easy sail trimming, spotting of markers or debris, and rapid location of casualties.
- Compact size makes the X2 functional in any situation, land or sea, where night vision can prove helpful or essential.
- Buoyant design allows light to be switched on and throw to Man Overboard
- Cable free searchlight allows freedom of movement at sea or on land
- USB charging for global compatibility

OUTPUT	WEIGHT	BURNTIME	DEPTH RATING
573 lumens	118 grams	High - 1hr (white) 3.5hrs (red)	IPX8 5 metres
-	-	Medium - 3hrs - 13hrs	-
-	-	Low - 13hrs - 60hrs	-



MARINE WORK LIGHTS



The Exposure XS is an ultra-versatile LED micro torch, compact yet powerful it offers tremendous power in a small package. It is so small you will not notice it is in your pocket or around your neck; it is just always there when needed, on land or sea. 2 power settings make it a perfect lighting tool for almost anything whilst its compact size allows it to illuminate hard to reach areas.

TECHNOLOGY

- Waterproof to 50M enabling use above and below water
- 60 hour run times reducing the need to change batteries
- 6 hour high power illuminating large areas and long distances
- Aluminium casing designed to withstand up to 5M drops
- Anodising protects against continuous exposure in a corrosive environment

OUTPUT	WEIGHT	BURNTIME	DEPTH RATING
50 lumens rechargeable	33 grams	High - 6hr	IPX8 50 metres
25 lumens disposable	-	Medium - 60hrs	



Designed to wear around the neck, the XS-R is great for on deck jobs, night trimming and working in dark spaces whether you are searching in lockers or fixing the engine! Maintaining night sight is critical especially when navigating through channels and traffic at night. The XS-R reduces risk of losing that essential nocturnal vision.



TECHNOLOGY

- Brightest, toughest and lightest for its micro size
- Waterproof to 50M enables use above and below water
- 60 hour run times reducing the need to change batteries
- 6 hour high power illuminating up to 17M beam distance
- Weighing only 33g and measuring 49x22mm
- Aluminium casing designed to withstand up to 5M drops
- Anodising protects against continuous exposure in a corrosive environment



OUTPUT	WEIGHT	BURNTIME	DEPTH RATING
21 lumens	33 grams	High - 6hr	IPX8 50 metres
-	-	Medium - 60hrs	-



01798 839300

info@use1.co.uk

info@expmarine.co.uk
