

## EXPOSURE Marine - Man Over board Light (MOB)

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### Product description

Exposure's powerful Man Over Board (MOB) strobe and search light, has been designed to ensure any person going over board can be found fast:

- It does not need to be switched on
- Its intelligent, motion activated technology (MOBT) starts working as soon as the light is picked up, and it can be simply thrown towards a person in the water

Once the light hits the water, a contact is created switching on the flashing strobe:

- Its highly visible, 1300 lumens strobe remains flashing until the water contact is broken
- It is totally waterproof and will float near the casualty, or it can be grabbed
- A wrist lanyard allows it to be kept secure without having to use the hands

EXPOSURE's Man Over Board Technology (MOBT) which operates the light, also ensures the search light cannot be activated accidentally, for example, if it gets wet, and that no time is wasted with mechanical switches in an emergency situation.



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### The MOB Search light offers 3 essential elements to aid in rapid crew location and recovery.

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#### No.1

If the crew over board has the MOB light they can actively shine the 1300 lumens at the vessel for quick location, alternatively if the user has been knocked unconscious the light will automatically enter a strobe mode when it is submerged into the water.

#### No.2

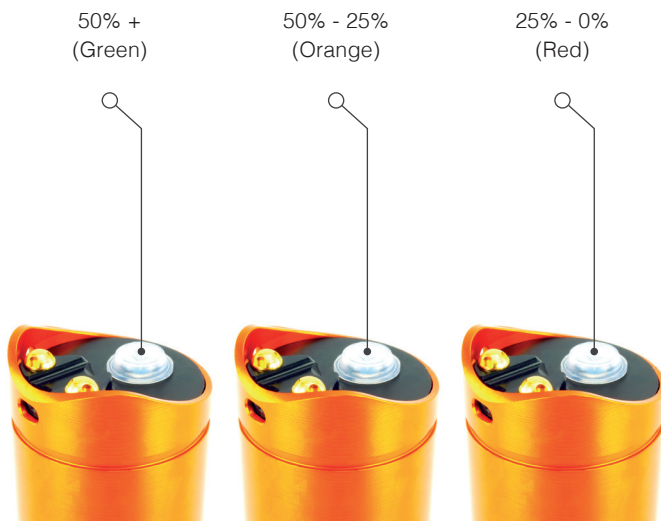
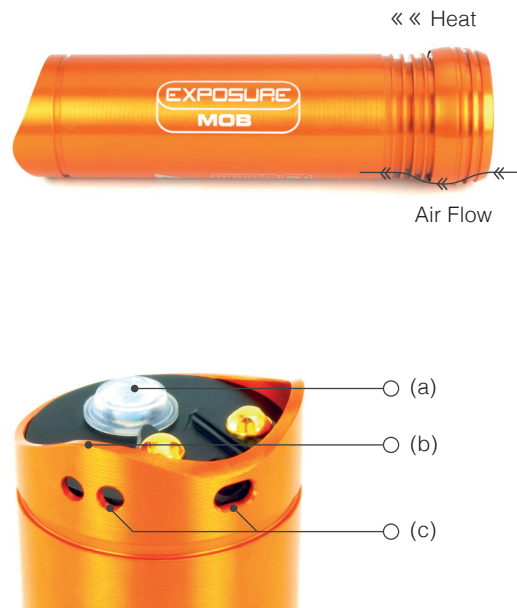
If the crew over board does not have a light the MOB can simply be picked up and thrown into the water, without the need for any switching, saving valuable seconds.

#### No.3

When searching for the crew over board the MOB light throws out a 1300 lumen beam with a 20 degree angle and 177m distance, giving a very clear visual picture of the whole area, picking up reflective elements on lifejackets and clothing.

## Construction

- Conceived, designed and manufactured in Exposure Marine's UK factory, to ensure the highest level of quality control
- Aluminium fining around the head to allow for optimum air flow, cooling the high powered LED's, allowing high output
- Aluminium construction essential to transfer the heat from the LED making them as efficient as possible
- Aluminium for minimum weight / highest strength – allows positive buoyancy
- (a) Lowered tail edge to aid drainage of water allowing light to be stored face down – keeping button visible and easily accessible
- (b) Curved edges to protect terminals from damage and connection with wet clothing
- (c) Drainage holes to prevent water collecting and connecting gold plated terminals

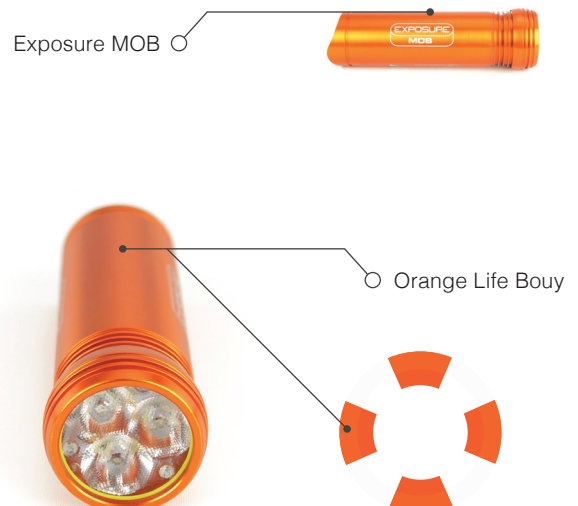


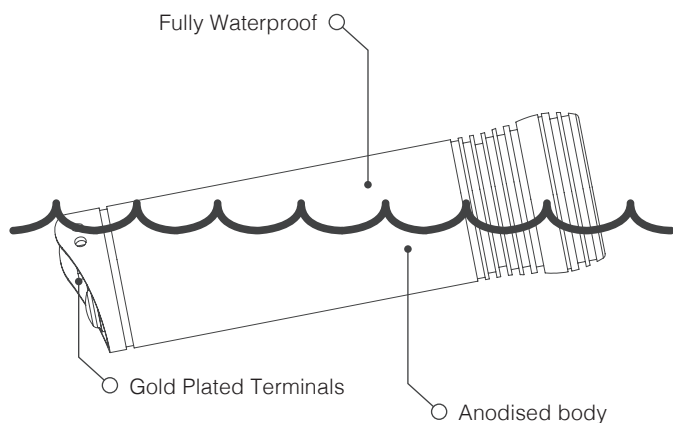
## Feedback

- Live battery feedback from the Quick Find Button ensures the light is always a point of attention and can be found easily
- Quick Find Button indicates when charging is recommended and essential through colour code
- Feedback provided whilst light is ON allowing user to keep track of fuel level
- Traffic light (green, orange, red) Mode feedback
- Program feedback from the front LED's flashing either once or twice

## Water activated strobe

- 1300 lumens floating strobe - highly visible from the air and over 5 nautical miles
- Strobe flashes up to 40 hours on a full charge
- Unique, high visibility orange anodising used to give optimum visibility in an emergency and to fall in line with recognised marine safety products
- Reflective storage holsters supplied so that it can be stored in easily accessible positions for emergency or regular use





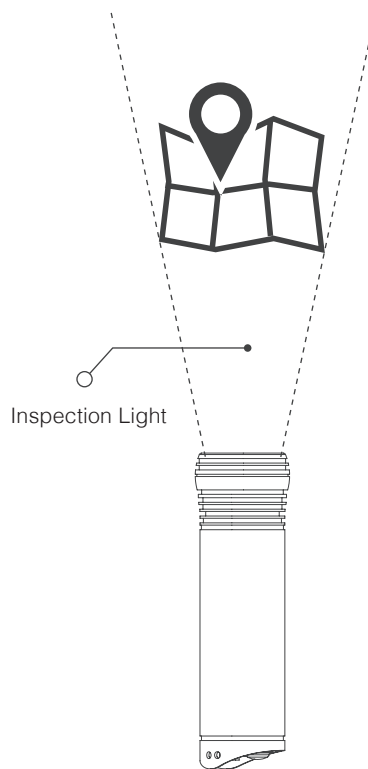
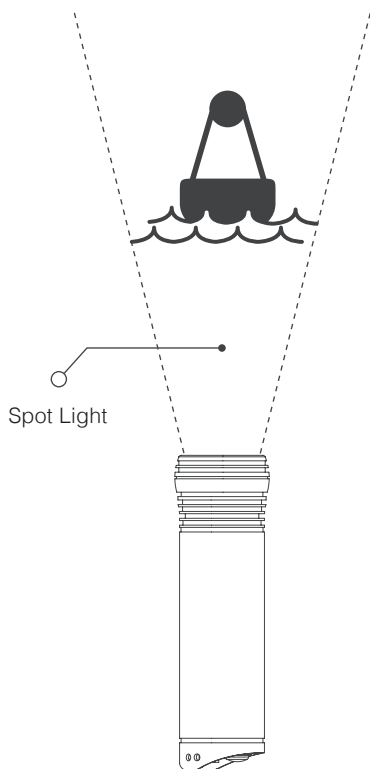
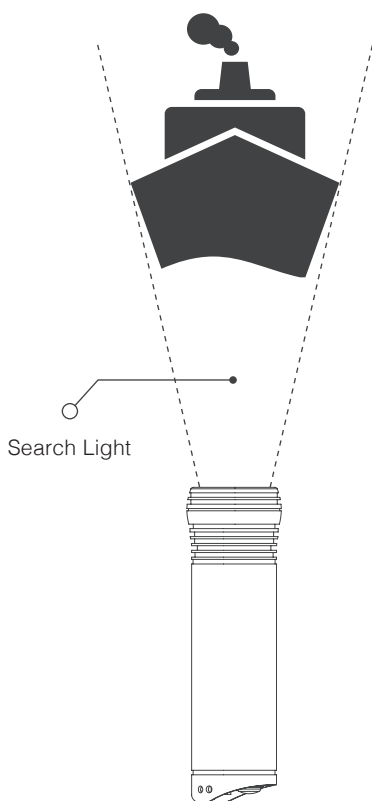
## Constructed for the Marine environment

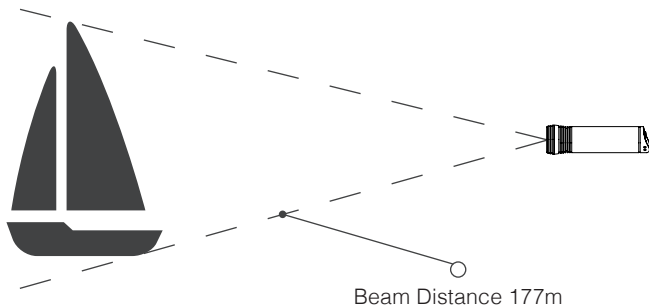
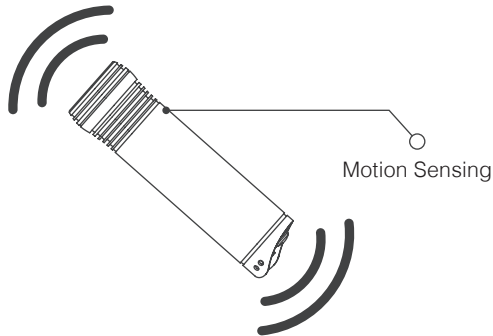
- Buoyant
- Fully waterproof - IPX8 to 5 metres
- Gold plated terminals to prevent corrosion
- Anodised to protect from the marine environment
- Floating high strength / high visibility reflective Dyneema® lanyard
- Terminals are not continuously active and searching for connection, to avoid corrosion and battery drainage.

## Simple operation

- Simple information plate etched on the light to ensure any user can understand how to use the basic strobe element of the light and what the Quick Find Button does.
- 2 programs depending on requirements – simple change (point down and click 6 times)
- Program 1. Full functionality (high, medium, low)
- Program 2. 1 click - eliminates prior knowledge requirement

MOB		
BUTTON	=	STROBE
Green Pulse	=	20-40 Hrs
Orange Pulse	=	10-20 Hrs
Red Pulse	=	5-10 Hrs
Solid Red	=	0-5 Hrs





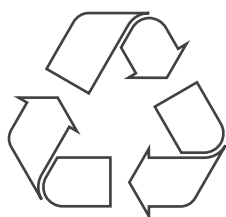
## Innovation

- Patent pending Man Over Board Technology (MOBT);
  - Senses movement
  - Prevents accidental activation
  - Switches strobe on with water connection and off if water connection broken
- 3 key points to MOBT :
  - Motion sensing – picking up and /or throwing light
  - This triggers the terminals to carry out a 30 second search for connection between the terminals
  - Initial Connection between the terminals - water
  - If 8 seconds of constant connection is recorded within the 30 second search, the Strobe is activated
  - Continued connection between terminals
  - The connection is then auto-checked once every minute to ensure the connection is still present
- High powered search light 1300 Lumens – creates the most powerful marine torch for its size and weight
- Strobe and Spotlight / All Purpose Torch - housed in one cordless product

The Exposure MOB light is unique due to the combination of technology, design and functionality, including: MOB strobe, motion and water activation - no switch needed, high power torch & search light, multiple modes, battery feedback, flexible USB, 12 volt recharge capability

## In the box

- MOB Strobe and high power torch in 1 module – multiple use
- Package includes 2 holsters, USB charger, light and reflective lanyard



## Environmentally aware

- Rechargeable, internal batteries eliminates need to replace batteries, and need for battery disposal, reducing landfill issues
- Reusable packaging to either store the light when not in use or other items