

AQLBL

AQUA SPEC

Lithium Lifebuoy Light

The AQLBL Lifebuoy Light is a lithium battery-powered man overboard emergency light to be installed with a lifebuoy.

When the light enters the water, the head of LED lamp will float above water due to the gravity design and the water sensors will automatically activate the light.

Features and benefits

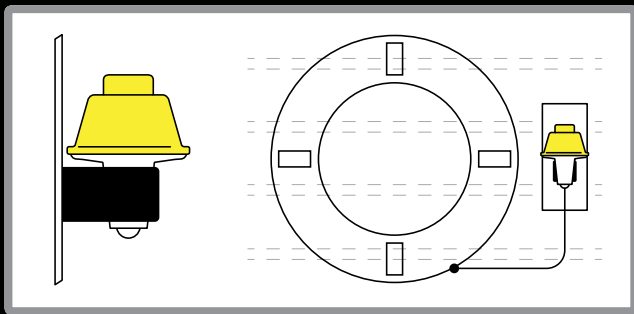
- > Powerful white flashing LED light
- > Gravity sensor floats LED lamp head
- > Water sensors activate light
- > Functional, simple and compact design
- > Fixing clip designed for easy installation
- > Maintenance free five year battery life
- > Tamper-proof



Technical Specification

Battery	Lithium Battery
Light Source	LONAKO Patented LED
Chromaticity	White
Function	Flashing type
Flash Frequency	50 – 70 times/min
Luminous Intensity	≥2.0cd
Operation Life	At least 14h over 2.0cd at -1°C
Storing Temperature	-30°C – +65°C
Working Temperature	-1°C – +30°C
Expiry Date	5 years
Weight	Light: 80g / Clip: 36g One unit light: 228g (incl instructions)
Dimension	Main body: ø90 x 124mm
Activation	Automatically turn on or off by both gravity switch inside and water sensors outside
Performance	Fire-resistant, oil-resistant, mould-proof, corrosion-proof, water-proof, UV resistant
Environment Performance	Meets RoHS and asbestos-free requirement
Standards	MSC.81(70) as amended
Certifications	MED

Fitting



- The lifebuoy light comes with a clip and rope. The clip should be mounted adjacent to the lifebuoy, and the light placed on the clip and firmly tied to the lifebuoy with the rope.
- When the lifebuoy is thrown into the water, the light must be automatically pulled from the clip and thrown into the water with the lifebuoy.

Operation

- The light was designed with a gravity sensor and water sensor double activation system.
- When the lifebuoy light enters the water, the head of LED lamp will automatically float above water due to the gravity design.
- The water sensor will automatically activate the light and output a flashing white light more than 2.0cd light intensity for at least 14 hours.
- When the sensors leave the water, the light will automatically turn-off.

Maintenance

The light is maintenance free, but the following checks should be made annually:

- Inspect unit for signs of damage or corrosion.
- Test the light by immersing the sensors in water, the light should flash. When the sensors leave the water the light will turn off automatically.
- When in storage, ensure the LED lamp end is downwards and the water sensors are dry at all times.

Disposal

- The unit has a five year life span from the date of manufacture, it should be replaced by the expiry date shown on the label.
- The unit should be disposed in accordance with local regulation through an approved environment disposal agent.

Safety

The light contains a Lithium battery which must be handled correctly:

- Do not dismantle battery pack
- Do not make any external electrical connection
- Do not recharge
- Do not incinerate
- Store between -30°C and +65°C



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