

AQLBA

AQUA SPEC

Alkaline Lifebuoy Light

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

When the light enters the water, the head of LED lamp end will float upwards above water due to the gravity design. The light will automatically activate and output a flashing white light.

Features and benefits

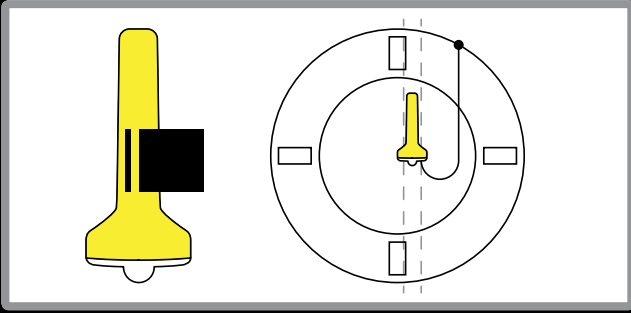
- > Powerful white flashing LED light
- > Gravity sensor activates light
- > Deactivates when LED lamp is downwards
- > Functional, simple and compact design
- > Fixing clip designed for easy installation
- > Maintenance free five year battery life
- > Tamper-proof



Technical Specification

Battery	Alkaline 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	114g (Including clip)
Dimension	Main body: ø60 x 144mm
Activation	Automatically turn on when the head of light is upward and automatically turn off when the head of light is downward
Performance	Fire-resistant, Oil-resistant, Mould-proof, Corrosion-proof, Water-proof, Resistance UV
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 activation system.
- The head of LED lamp will automatically float above water due to the gravity design which will automatically activate the light and output a flashing white light more than 2.0cd light intensity for at least 14 hours.
- When the head of LED lamp is downwards, 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 turning the head of the LED lamp upwards, the light should start flashing within 3 seconds. Turn the head of LED lamp downwards, it should stop flashing.
- The battery should be replaced within 3.5 years of the manufacturing date.

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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