

Liferaft Light

The AQLRL Liferaft Light is a lithium battery-powered emergency light for use with a liferaft. It features an external light which will output a flashing signal, and an internal steady light for reading instructions and basic illumination. When the liferaft is inflated, both the external and internal lights will automatically activate.

Features and benefits

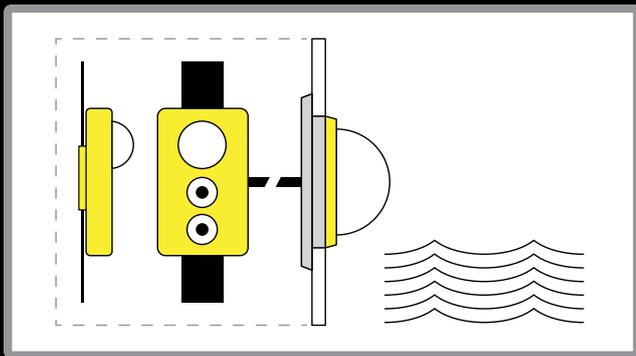
- > Powerful white LED dome lights
- > Internal and external lights
- > Manual and automatic water activation
- > Functional and simple design
- > Fixing clips designed for easy attachment
- > Compact design
- > Maintenance free five year battery life
- > Tamper-proof



Technical Specification

Battery	Lithium Battery
External Light Source	3 LONAKO Patented LED
Internal Light Source	1 White LED
Chromaticity	White
Light type	External Light: Flashing Internal Light: Steady
Flash Frequency	External Light: 50 – 70 times/min
Light Output	External Light: $\geq 4.3\text{cd}$ Internal Light: $\geq 0.5\text{cd}$
Operation Life	$\geq 15\text{h}$ over 4.3cd at -30°C
Storing Temperature	-30°C – $+65^\circ\text{C}$
Working Temperature	-30°C – $+65^\circ\text{C}$
Expiry Date	5 years
Weight	About 119g
Dimension	Main body: $71.5 \times 44.7 \times 24.5\text{mm}$ Lamp cover: $\phi 62.5 \times 42\text{mm}$
Activation	When the liferaft is inflated, both the external and internal light will automatically activate. The external and internal light can also be turned on or turned off by the manual switch
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 CCS

Fitting



- Disconnect the wire connector to separate the external light from main light body.
- Unscrew the fixing-ring from the external light and attach it to the fabric on the apex of the liferaft canopy. Ensure the rubber sealing ring is tight and secure after installation. The internal light should be installed inside the liferaft using the buckle.
- The "O" shape ring should be tightly secured to the liferaft so it is pulled out automatically when the liferaft is inflated.
- Once installed, reconnect the external light to the main light body with the wire connector.

Operation

- The "O" shaped ring should be fitted so it's pulled out automatically when the liferaft is inflated, this will open the switch clip and activate both the internal and external lights.

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 pulling out the "O" shaped ring. Once removed, the switch clip will open and the external and internal light will automatically activate. Turn both lights on or off by pressing the two manual switches on the main body. If the lights function well, reset the "O" shape ring and the switch clip.

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 Lithium batteries 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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