

AQLRL

AQUA SPEC

Life Raft Light

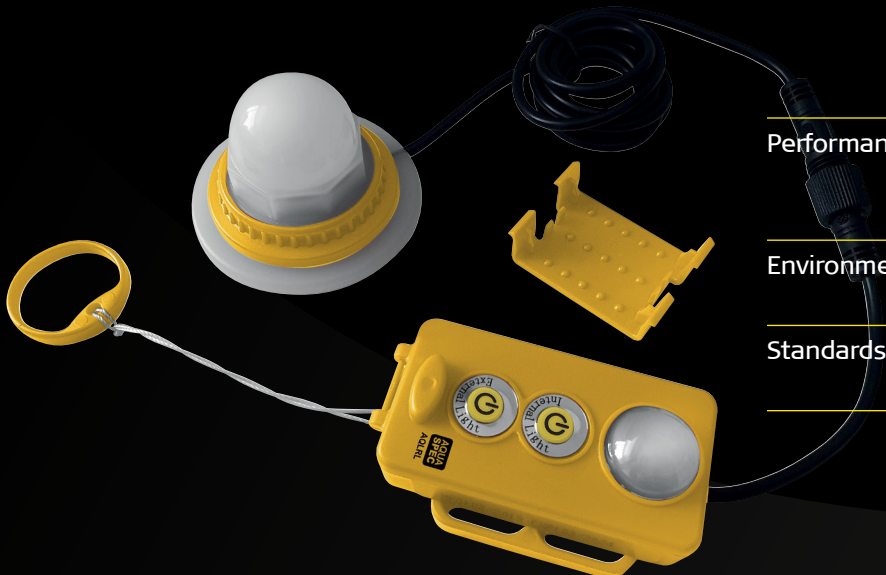
This lithium battery powered life raft light is automatically activated when the life raft is inflated and features a manual 'off' button.

Features and benefits

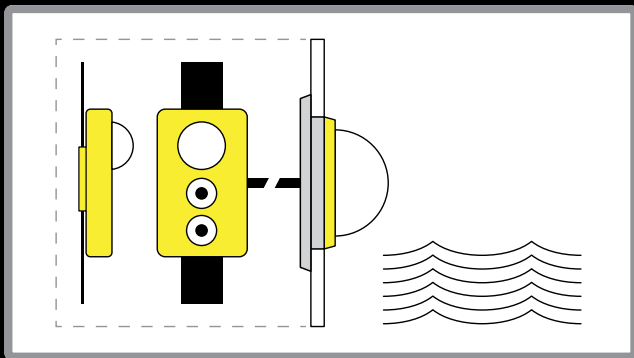
- > Powerful white flashing LED dome light
- > With sensor lead
- > Manual and automatic water activation
- > Functional and simple design
- > Fixing clip designed for easy attachment
- > Compact design
- > Maintenance free five year battery life
- > Tamper-proof

Technical Specification

Battery	Lithium battery
Light source	External: 3pcs SMT LED Internal: 1pc SMT LED
Chromaticity	White
Light type	External Light: Flashing Type Internal Light: Steady type
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	-1°C - $+30^{\circ}\text{C}$
Expiry Date	5 years
Weight	About 119g
Dimension	Main body: 71.5 x 44.7 x 24.5mm Lamp cover: $\varnothing 62.5$ x 42mm
Activation	When the liferaft is inflated, both of external and internal light can be automatically activated. The external and internal light can also be turned on or turned off by 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) and asbestos-free requirements



Fitting



- › The light must be secured to the lifejacket in a position that provides maximum visibility when the wearer is in the water, preferably near the shoulder.
- › Feed the clip behind lifejacket material or button hole and press into the light unit until it clicks securely into place. When fastened the light cannot be removed unless the clip is broken.
- › The sensor lead must be fixed to the lifejacket by a suitable method to ensure water contact and to prevent catching when lifejacket inflates.

Operation

- › The light will automatically activate when the sensors at the end of the lead are immersed in water.
- › To operate the light manually, press the button on the front of the unit.
- › It is possible to turn the light off by pushing the button on the front of the unit, regardless of whether it is still immersed in water.

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 sensor lead in water or manually pressing the button on the front of the unit, the light should illuminate. Turn the light off by pushing the button on the front of the unit.
- › When in storage, ensure 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

Approvals



MED: 1.2a
Standards: IMO Res. MSC.81 (70)
EN 60945:2002
IEC 60945
Corr 1:2008
ISO 24408:2005



USCG: 161.101



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