

# ***Instruction Manual of Lifebuoy Self-igniting Light***

## **1. General**

The lifebuoy self-igniting light of QD10L equipped with lithium battery and LED bulb in white color driven by constant current, lower power consumption, safety and reliable, and the power is controlled by reed switch and magnetic material, It is complying with the requirements of SOLAS 1974, as amended, LSA, MSC. 81(70), MSC. 36(63), MSC. 48(66), MSC. 97(73).

## **2. Main Technical Specifications**

1. Shell (material)	Lens: PC/Body: ABS
2. Light source	0.5W/LED
3. Battery type	Lithium battery: CR123A
4. Duration	≥ 2 hours
5. Luminous intensity	≥ 2 cd
6. Light type	Flash
7. Validity	Five years
8. Dimension	Φ75mm×158.5mm
9. Weight	107g

## **3. Installation and Operation**

The onboard installation and the maintenance of the product shall be carried out according manufacturer's instruction

### Installation:

Installing the lifebuoy light bracket to proper place by two M5×12 screws onto lifebuoy bracket (the fixing place should make sure the lifebuoy self-igniting light can be released well), install the lifebuoy light ,

make the light inverse, insert the bolt and then the lifebuoy light is secured (When the bolt is into the light , the light is in OFF condition), Fasten the lifebuoy light to lifebuoy with the lanyard .The installation height of the lifebuoy light should not over water 30m.

### Operation:

Pull the lanyard and pull out the bolt, the lifebuoy self-igniting light will be lighted, then the lifebuoy light could be released with lifebuoy by the lanyard.

## **4. Maintenance**

### Routine service

The QD10L is maintenance free, but the following checks should be made periodically:

- 1.)The storage temperature is -30℃~65℃
- 2.) Inspect visually to ensure the casing is in well condition and no component parts are missing or damaged.
- 3.) Check the performance of switch: pull out the bolt, then the lifebuoy light should be lighted , and insert the bolt , the lifebuoy light will be turned off immediately.

## **5. Safety**

- 1.)Do not dismantle battery pack.
- 2.)Do not recharge.
- 3.)Do not incinerate.
- 4.)Don't discard the lights randomly , dispose the used lights in accordance with local regulations.

