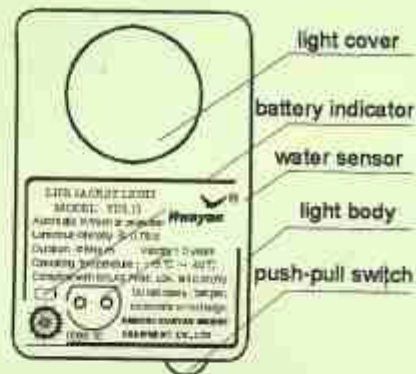


Operation Manual of Life Jacket Light

1. General

The lifejacket light of YDL12 equipped with Energizer® CR2 lithium battery and LED bulb in white color driven by constant current and controlled by the microchip, featuring compact structure, lower power consumption, safety and reliable, and easy to install onto lifejacket with its bracket, is developed and manufactured by Jiangsu Huayan Marine Equipment Co., Ltd. The light is also equipped with a push-pull switch for working mode setting and battery checking as well.

The light will be operational throughout the air temperature range -15°C to $+40^{\circ}\text{C}$, and its luminous intensity will not be affected due to the changing of temperature and power source, and its normal working duration shall be not less than 8 hours. YDL12 lifejacket light is complying with the requirements of SOLAS 1974 as amended, LSA, MSC. 81(70) and MSC. 200(80). It can be used as the position-indicating light for lifejacket.



2. Main Technical Specifications

Luminous intensity	$\geq 0.75\text{cd}$	Light Type:	Flash
Duration	$\geq 8\text{ h}$	Flash frequency:	50~70 times/min
Lamp-house	LED/White	Operation temp.	$-15^{\circ}\text{C} \sim +40^{\circ}\text{C}$
Battery	Energizer® CR2 Lithium Battery	Validity	5years

3. Installation and Operation

1) Installation:

Put the bracket under the fixing band of the lifejacket with its four keys towards outside, and insert the keys into the holes on the back of the light to secure the light on the lifejacket. See picture 1.

2) Operation

Switch on: Pull down the cord connected to the push-pull switch to "ON" position for standby. The light will lighten and flash automatically when the contactors have water touched. See picture 2.

Switch off: push the push-pull switch to "OFF" position. See picture 3.



Picture 1



Picture 2/ "ON" position



Picture 3/ "OFF" position.



Picture 4

Switch on by compulsion: Operate the switch "OFF-ON" twice in 3s, the light will lighten and flash no matter that the contactors have water touched or not. See picture 4.

In addition, this operation can be used to check the battery. The battery indicator in red lightens meaning the battery in full capacity; otherwise, the battery is in poor capacity.

Note: The push-pull switch is always set in "OFF" position when delivery.

IT SHOULD BE SET IN "ON" POSITION FOR STANDBY!

4. Warning: YDL12 lifejacket light contains a lithium battery. This must be handled correctly:

Do not dismantle battery pack

Do not make any external electrical connection

Do not recharge

Do not incinerate

Dispose of used lights in accordance with local regulations approved by environment disposal agent.