KTR LED

Life buoy light for lifering-buoys

Member of CISQ Federation RINA ISO 9001:2008 Sistema Qualità Certificato

INSTALLER'S OPERATING MANUAL

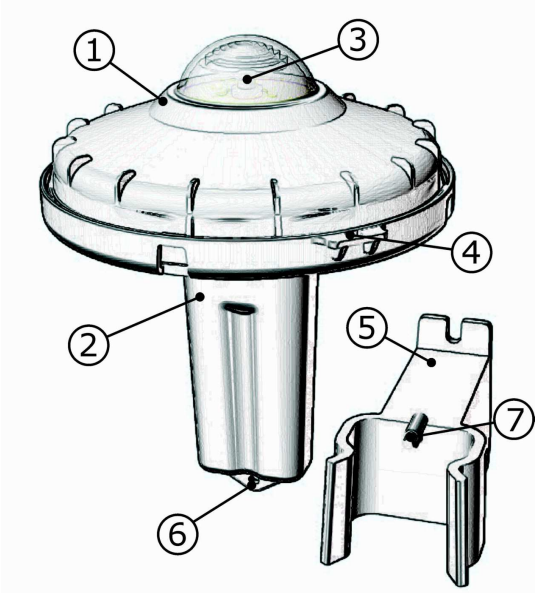
Description of the Life buoy light

KTR LED is a life buoy light for lifering-buoys, suitable also for the pleasure boating; it is SOLAS approved in accordance with the LSA Code, IMO MSC 48(66) and IMO 81(70) Resolutions and in accordance with MED directives – European 'ship's wheel'.

Completely watertight, with a compact design, KTR LED gives out a very intense flashing light that covers the whole of the upper hemisphere and is equipped with a tip over switching system by means of a gravity switch. KTR LED has an operating autonomy of 18 hours and is battery operated (4 AA LR6 alkaline batteries, 1,5V each, supplied).

PARTS LIST

1. POLYCARBONATE DOME (EMISSION OF LIGHT)
2. POLYCARBONATE BODY
3. LED Light
4. ATTACHMENT OF THE LINE
5. BRACKET FOR THE HOOKING OF THE LIFE BUOY LIGHT
6. HOOKING HOLE
7. HOOKING PIN
8. BATTERY CASE
9. FLOAT



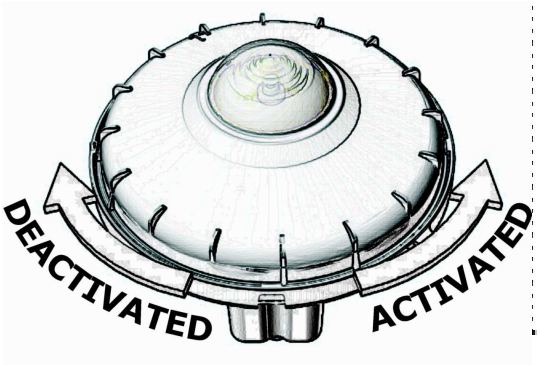
Technical specifications

- Emission of light over 2 candela after 8 hours of continuous working;
- Emission of light over the whole of the upper hemisphere;
- Flashing frequency over 50 flashes/ per minute;
- Tip over switch;
- Autonomy: 18 hours;
- Equipped with batteries;
- High technology, reduced dimensions and compact structure;
  Picture 1
- Powered by 4 alkaline batteries 1,5 V;
- The whole system is watertight.
- SMD electronic circuit
- Dimensions 110x110x134 mm
- Weight: 175 grams

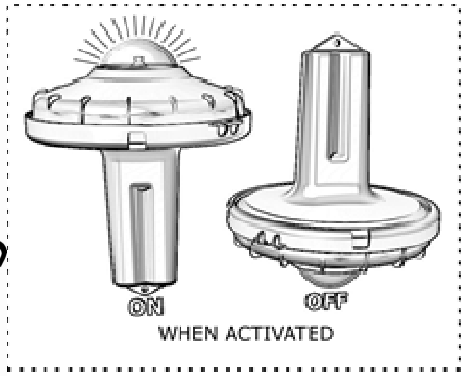
Instructions for use and operation

Activate the KTR LED by rotating the dome (1.1) as showed in picture 2.

After activation, the life buoy light switches itself on intermittently only in the floating position (emission of light upwards) as showed in picture 3.

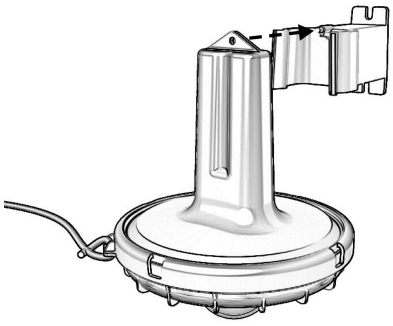


Picture 2



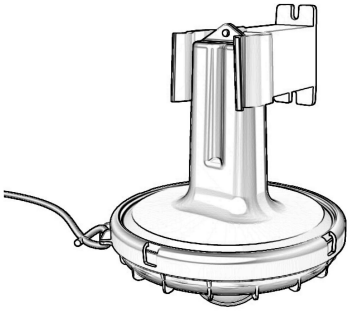
Picture 3

Instructions for the correct positioning and hooking of the life buoy light



1. Fix the bracket for the hooking of the life buoy light (picture 1.5) to the wall of the craft using n° 2 M4 screws (inside or beside the life buoy) with the hooking pin upwards (picture 1.7)
2. Tie up the life buoy light line to the proper attachment of the life buoy light (picture 1.4)
3. Hook the life buoy light to the bracket in the OFF position (emission of light downwards), inserting the hooking pin (picture 1.7) into the hooking hole (picture 1.6) of the life buoy light, as showed in pictures 4 and 5.

Picture 4

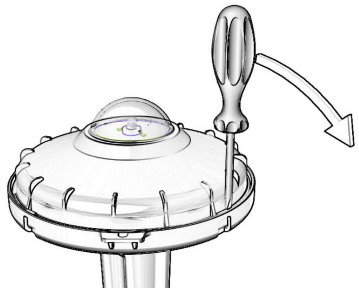


Picture 5

NOTICE

The lifebuoy light KTR Led is supplied ready for use, with 4 alkaline batteries that guarantee a lifetime of at least 5 years. To activate and deactivate it, simply rotate the top dome as shown on the lifebuoy light. If the batteries need to be replaced, this should be done following the given instructions and using exclusively alkaline batteries; in any case, in the event of opening the light, the manufacturer's warranty is void.

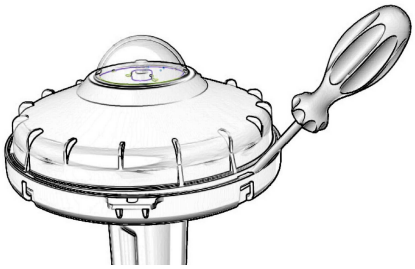
Instructions for the battery replacement



1) Insert a flat screw driver into the space between body and dome, beside the body's closing hook (picture 6) and lean downwards the screw driver so that the dome can be undermined from the body (picture 7)

Picture 6

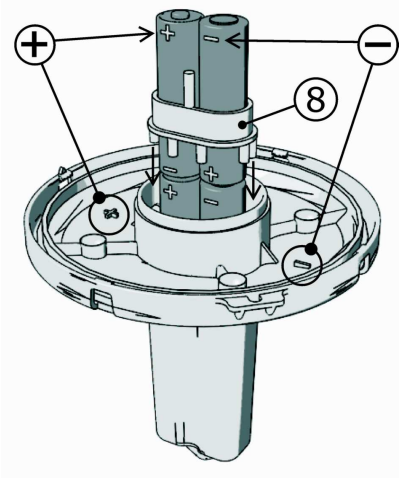
2) Repeat the same procedure for the remaining 3 hooks until the dome is completely disassembled, avoiding carefully that the dome goes back to the hooking position.



Picture 7

3) Proceed with the battery replacement following the references

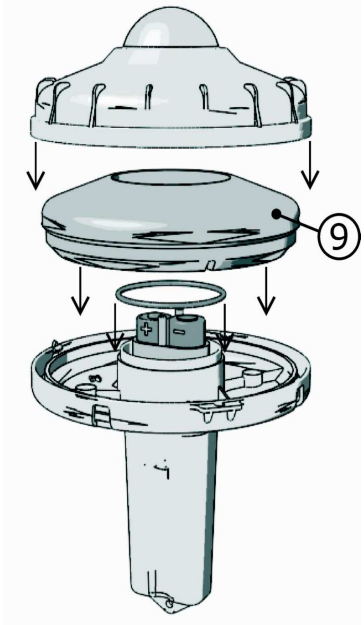
"+" and "−" indicated on the inner part of the body (picture 8). After inserting the 4 batteries in the correct position, insert the battery case oval support, (8.8) as showed in picture 8.



Picture 8

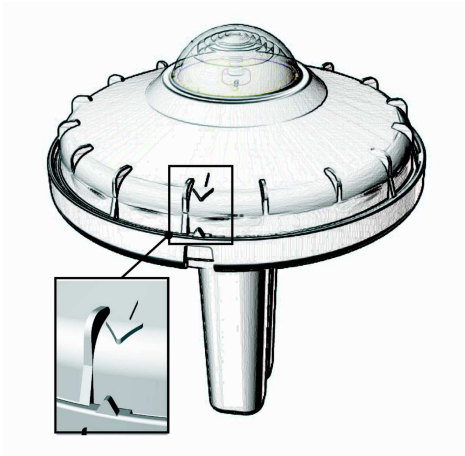
4) Clean the gasket and spread some silicon grease evenly and insert it into the seat of the body as indicated in picture 9

5) Insert the float (9.9) indicated in picture 9 with the convex part facing upwards, taking care to match the slits of the lower side to the fins of the orange body



Picture 9

6) Close the life buoy light by hooking the dome on the body by aligning the references (pictures 9 and 10). After the 'click' sound the buoy will turn on, so you need to rotate the dome if you want to turn it off.



Picture 10

DISPOSAL INFORMATION

Under Article 13 DL 151 25/07/2005 Directive 2002/95/EC, 2002/96/EC, the crossed bin symbol indicates that the product at the end of its life must be collected separately from other waste. The equipment at the end of life must therefore be given to a suitable separate collection facility of electrical and electronic waste.

Proper recycling will help prevent potential negative effects on the environment and on health and promotes the reuse of materials.

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