



RINA

EC TYPE EXAMINATION (MODULE B)

CERTIFICATE Nr. MED027311CS

This is to certify, that RINA, specified as Notified Body N° 0474 by the Italian "Ministero delle Infrastrutture e dei Trasporti Direzione Generale per la navigazione ed il Trasporto Marittimo ed Interno" on 25 November 1998, did undertake the relevant type approval procedures for the equipment identified below which was found to be in compliance with the Life-Save Appliances requirements of Marine Equipment Directive (MED) 96/98/EC as modified by Directive 2009/26/EC

MED Item N°

A.1/1.2c

Description

Position-indicating lights for life-saving appliances. (c) For life jackets.

Type

ASTERIA LED

Applicant

SIC DIVISIONE ELETTRONICA SRL

V.LE GRAN BRETAGNA - ZONA INDUSTRIALE
73100 LECCE
ITALY

Testing standards

IMO Res. MSC 81(70) as amended

Reference standards

Reg. III/7, Reg.III/22, Reg.III/26, Reg.III/32, Reg.III/34 of SOLAS 74 as amended, IMO Res.MSC.36(63) 8, IMO Res MSC.48(66), IMO Res.MSC.97(73).

Issued at Genoa on
April 14, 2011

This Certificate is valid until
March 2, 2013

This Certificate consists of this sheet plus an attachment




Francesco Fanciulli
RINA



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Manufacturer

SIC DIVISIONE ELETTRONICA SRL

Place of Manufacturer

V.LE GRAN BRETAGNA - ZONA INDUSTRIALE
73100 LECCE
ITALY

Product description

Type of light: Flashing light
Activation: Manual
Shape: Cylindrical
Dimensions: Diameter about 46 mm, height 95 mm
Color: body orange, dome clear
Material: polycarbonate.
Total weight: 140 grams.
Flash rate: about 51 flashes per minute.
Feeding: 4 x 1,5 alkaline LR6 batteries in a sealed container.
Bulb: LED 3.3 V 0.15 A fitted with lens.
The light is supplied with two clamps and a hole for secure fastening to the lifejacket.

Field of application

To be used in conjunction with a lifejacket or immersion suit.

Reference documents

Booklet approved with no. CSST-7100 containing the following drawings:

- Light assembly;
- Body;
- Dome;
- Module;
- Lens;
- Springs;
- Labelling.

Tests carried out

Prototype tests in accordance with IMO Res. MSC.81(70) as amended, as per test reports n. 2002CSTO818 and 2010TA777, filed with n. CSST-7099.

Remarks

The light, when attached to the lifejacket, shall be visible over as great a segment of the upper atmosphere.





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The mark of conformity may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production control phase module (D, E or F) of Annex B of the Directive is fully complied with a written inspection agreement with a Notified Body



XXXX/YY

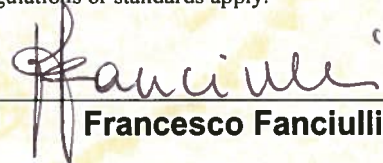
"WHEELMARK FORMAT"

XXXX Notified Body number undertaking surveillance module
YY Last two digits of year mark affixed

General conditions for the approval

- a) The initial conditions verified by RINA at the time of the approval are to be maintained
- b) Any changes to the initial conditions are to be promptly communicated to RINA, which reserves the right to repeat the relevant assessment
- c) This certificate will no be valid if the manufacturer makes any changes or modifications to the approved equipment, which have not been notified to, and agreed with RINA
- d) RINA personnel are to be allowed to witness during the performances of activities, upon their request
- e) The activities are to be carried out in compliance with the RINA Rules and/or other applicable Rules
- f) Should the specified regulations or standards be amended during the validity of this certificate, the product is to be reappraised prior to it being placed on board vessels to which the amended regulations or standards apply.




Francesco Fanciulli