



## EC TYPE EXAMINATION (MODULE B)

No. MED156418CS/001

***This is to certify*** that RINA Services S.p.A. (Notified Body No. 0474) did undertake the relevant type approval procedures for the equipment identified below, which was found to be in compliance with the Life-Saving appliances requirements of Marine Equipment Directive (MED) 2014/90/EU, including the requirements and testing standards of Regulation (EU) 2017/306.

*MED Item N°*

**MED/1.2c**

*Description*

**Position-indicating lights for life-saving appliances: (c) for lifejackets**

*Type*

**ASTERIA LED**

*Applicant*

**SIC DIVISIONE ELETTRONICA SRL**

VIA GRAN BRETAGNA S.N. - ZONA INDUSTRIALE

73100 Lecce (LE)

ITALY

*Testing standards applied*

**IMO Res. MSC 81(70) as amended**

*Regulations specified and reference documents*

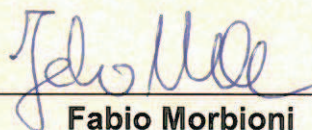
**SOLAS 74 Reg.III/7, SOLAS 74 Reg.III/22, SOLAS 74 Reg.III/26, SOLAS 74 Reg.III/32, SOLAS 74 Reg.III/34, IMO Res.MSC.36(63)-(1994 HSC Code) 8, IMO Res.MSC.48(66)-(LSA Code) II, IMO Res.MSC.97(73)-(2000 HSC Code) 8.**

*Issued in Genoa on*  
**May 22, 2018**

*This Certificate is valid until*  
**May 21, 2023**

*This Certificate consists of this sheet plus an attachment*





**Fabio Morbioni**

RINA Services S.p.A.







**ATTACHMENT TO**  
**No. MED156418CS/001**  
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*Manufacturer*

**SIC DIVISIONE ELETTRONICA SRL**

*Place of Manufacturer*

VIA GRAN BRETAGNA S.N. - ZONA INDUSTRIALE  
73100 Lecce (LE)  
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**

Flashing light for lifejackets designed in compliance with IMO Res MSC 207(81).

**Reference documents**

Booklet of technical drawings edit by SIC Divisione Elettronica and approved by RINA with n° CSST 7100.

**Tests carried out**

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

**Remarks**

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







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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 II of the Directive is fully complied with a written inspection agreement with a Notified Body*



**XXXX/YYYY**

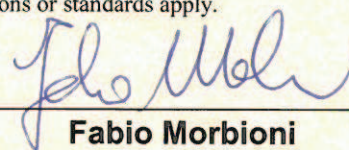
**"WHEELMARK FORMAT"**

**XXXX**      *Notified Body number undertaking surveillance module*  
**YYYY**      *The year in which the mark is 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 reapproved prior to it being placed on board vessels to which the amended regulations or standards apply.



  
**Fabio Morbioni**