



Marine &amp; Offshore

Certificate number: 75200/A1 MED

File number: \_\_\_\_\_

Item number: MED/1.2c

USCG Module B number: 161.112 / EC2690

This certificate is not valid when presented without the full attached schedule composed of 7 sections  
www.veristar.com

Notified Body 2690 - MARINE EQUIPMENT DIRECTIVE 2014/90/EU

## EC TYPE EXAMINATION CERTIFICATE

as per Module B of Directive 2014/90/EU of the European Parliament and of the Council of 23 July 2014 as transposed in the French Regulations and Commission Implementing Regulation (EU) 2024/1975 of 19 July 2024

This certificate is issued to:

**LALIZAS HELLAS S.A.**

3, Gounari str., 18531, Piraeus,, GREECE

for the type of product

**POSITION-INDICATING LIGHTS FOR LIFEJACKETS**

Safelite IV

(Code 72349)

**Requirements:**

Row 1 of 1 of Regulation (EU) 2024/1975:

SOLAS 74 Convention, as amended, Regulations III/4, III/7, III/22, III/26, III/32, III/34, X/3  
IMO Res. MSC.48(66) -(LSA Code)- amended by MSC.207(81), MSC.218(82), MSC.272(85), MSC.293(87), MSC.320(89), MSC.368(93), MSC.425(98), MSC.459(101) and MSC.485(103) I, II  
IMO Res. MSC.36(63) -(1994 HSC Code)- as amended, 8  
IMO Res. MSC.97(73) -(2000 HSC Code)- as amended, 8  
IMO Res. MSC.81(70) amended by MSC.200(80), MSC.226(82), MSC.274(85), MSC.295(87), MSC.321(89), MSC.323(89), MSC.378(93), MSC.427(98), MSC.472(101) and MSC.488(103)  
IEC 60945 Ed. 4.0 (2002) + /Cor1 (2008)  
ISO 24408:2005  
IMO MSC.1/Circ.1628 Rev. 1

This certificate is issued on behalf of the French Maritime Authorities to attest that Bureau Veritas Marine & Offshore did undertake the relevant type-examination procedures for the product identified above which was found to comply with the relevant requirements of the Directive 2014/90/EU of the European Parliament and of the Council of 23 July 2014 as transposed in the French Regulations.


**This certificate will expire on: 16 May 2029****For Bureau Veritas Marine & Offshore Notified Body 2690,**

At BV PIRAEUS, on 22 Nov 2024,

Spyros KONTOULIS

**This certificate was created electronically and is valid without signature**



**This certificate does not allow to issue the Declaration of Conformity and to affix the mark of conformity (wheelmark ) to the products corresponding to this type. To this end, the production-control phase module (D, E or F) of Annex II of the Directive is to be complied with and controlled by a written inspection agreement with a notified body.**

This certificate remains valid until the date stated above, unless cancelled or revoked, provided the conditions indicated in the subsequent page(s) are complied with and the product remains satisfactory in service. This certificate will not be valid if the applicant makes any changes or modifications to the approved product, which have not been notified to, and agreed in writing with Bureau Veritas Marine & Offshore. Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be re-approved prior to it/they being placed on board vessels to which the amended regulations or standards apply. Bureau Veritas Marine & Offshore is designated by the French Maritime Authority as a "notified body" under the terms of the French Regulations Division 140 Chapter 140-2. This certificate is issued within the scope of the General Conditions of Bureau Veritas Marine & Offshore available on the internet site www.veristar.com. Any Person not a party to the contract pursuant to which this document is delivered may not assert a claim against Bureau Veritas Marine & Offshore for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in establishment or issuance of this document, and in connection with any activities for which it may provide.

## THE SCHEDULE OF APPROVAL

### 1. PRODUCT DESCRIPTION:

<b>Trademark</b>	LALIZAS
<b>Type</b>	SAFELITE IV

<b>Main body Dimension</b>	<b>Weight</b>	<b>Battery</b>	<b>Activation</b>	<b>Light type</b>
37.5*21*23.4mm	20 g	Lithium	Water/Manual	Flashing

Additional Certificates: Variant Code 72353 - Lalizas lifejacket LED flashing light "SAFELITE IV" ON-OFF water activated.

<b>EU Type Examination Certificate</b>	FTZU 24 ATEX 0049 according to directive 2014/34/EU dated 21.10.2024 for marking: Ex II 1G Ex ia op is IIB T4 Ga
<b>IECEx Certificate of conformity:</b>	IECEx FTZU 24.0015 dated 2024.10.21

As indicated in the technical documentation submitted by the Applicant.

### 2. DOCUMENTS AND DRAWINGS:

- Technical Folder

Number	Title	Version	Date
72349	SAFELITE IV - 72349	D	14/03/2018
---	The capacity changes of FORTE lithium Manganese cell after 10 Years	A	08/12/2023
72348&72349&72350	Description of the electrical short protection	A	06/03/2018

- Technical Drawings

Number	Title	Version	Date
7234900	Safelite IV	A	14/03/2018
7234901	Cover-72349	A	14/03/2018
7234902	Base-72349	A	14/03/2018
7234903	Buckle-72349	A	14/03/2018
7234804	Seal foam	B	13/03/2018
7234905	PCB-72349	D	14/03/2018
7234906	CR2-Battery	A	14/03/2018

- Markings & Manual(s) for installation use and maintenance:

Number	Title	Version	Date
	72349 (MED Marking)	E	21/12/2023
	Instructions	0	14/12/2023

No departure from these documents is permitted without the prior consent of the Society.

### 3. TEST REPORTS:

#### TYPE TESTS

Number	Title	Revision	Date
117-323-081_B	Chromaticity Test	---	16/06/2017
118-323-006	Luminous Intensity Test	---	24/01/2018
117-22230.B	Type Test	---	16/03/2018
123-323-154	Luminous Intensity Test <i>Linked to test reports 117-323-117_A rev.1</i>	---	16/11/2023
123-323-154	Luminous Intensity Test <i>Linked to test reports 117-22230.a rev1 / 117-22230.B / 117-323-117_A rev.1 / 117-323-117_B</i>	Rev.1	30/11/2023
---	ISO 24408 2005 Compliance for Lifejacket Lights	Rev.01	12/01/2023
CL/PCLB2/8/2024	Drop Test	Edition 1	26/02/2024

**4. APPLICATION / LIMITATION:**

- The scope of the appraisal made by Bureau Veritas to issue this certificate is strictly restricted to the relevant requirements stated on the front page of this certificate.
- Each position indicating light shall be supplied with its instructions for use, inspections and on-board maintenance complying with the regulations stated on the front page of this certificate.
- The equipment shall be replaced prior the date of expiry which is marked on the signal casing.
- The certificate is limited to the flashing light mode only. No compliance of the light in its steady mode has been demonstrated.

**5. PRODUCTION SURVEY REQUIREMENTS:**

5.1 - This certificate alone does not allow the applicant to issue the Declaration of Conformity and to affix the mark of conformity (wheelmark) to the products corresponding to this type. To this end, the production-control phase module D Production Quality Assurance or module E Product Quality Assurance or module F Product Verification of Annex II of the Directive is to be complied with and controlled by a written inspection agreement with a Notified Body.

5.2 - The manufacturer shall institute a quality control procedure to ensure that position-indicating lights are produced to the same standard as the approved prototype and shall keep records of any production tests carried out.

5.3 - Each position-indicating light intended to be fitted onboard a ship registered to a National register adhering to the Directive shall be delivered with a Declaration of Conformity.

5.4 - Each equipment, or batch of equipment, is to be supplied with its Manual(s) for installation, use and maintenance.

5.5 - For information concerning the production phase modules, **LALIZAS HELLAS S.A.** has declared the following manufacturing site(s):

**Xiamen Marine Industries CO.,Ltd.**

N° 100, Jingquan Road, Jimei Northern Industrial Area,  
Xiamen, Fujian, 361021, China

**6. MARKING OF PRODUCT:**

The position-indicating light shall be permanently and legibly marked with:

- Any operational restrictions,
- Date of Expiry,
- Precise definition of intended use (e.g. "Position Indicating Light for lifejacket"),
- Batch number,
- Identification of the Manufacturer,
- Easy understandable symbols for on/off switching,
- Model Designation, and
- Information on proper battery disposal by the words "DO NOT INCINERATE/DO NOT RECHARGE/DO NOT TAMPER".

Reference is made to MED 2014/90/EU chapter 2.

In particular Article 10.3 specifies that the wheelmark shall be followed by the identification number of the Notified Body involved in the production control phase (module D, E or F) and by the year in which the mark is affixed (4 digits or last 2 digits).

This equipment is covered by the scope of the Agreement between the European Community and the United States of America on Mutual Recognition of Certificates of Conformity for Marine Equipment signed February 27th, 2004 and amended by Decision No.1/2023 dated 26 May 2023 according to U.S. Coast Guard approval category indicated on front page of this certificate.

A U.S. Coast Guard approval number will be assigned to the equipment when the production module has been completed and will appear on the production module certificate (module D, E or F) as allowed by the MED.

**7. OTHERS:**

It is **LALIZAS HELLAS S.A.**'s responsibility to inform shipbuilders or their sub-contractors of the proper methods of fitting, use and general maintenance of the approved equipment and the conditions of this approval.

This certificate supersedes the previous Type Examination Certificate No. 75200/A0 MED issued on 16/05/2024 by the Society.

\*\*\* END OF CERTIFICATE \*\*\*