



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.:	IECEX FTZU 12.0020X	Page 1 of 4	<u>Certificate history:</u>
Status:	Current	Issue No: 3	Issue 2 (2019-08-02)
Date of Issue:	2023-11-06		Issue 1 (2018-05-11)
Applicant:	LALIZAS HELLAS S.A. 3 Gounari Str. 18531 Piraeus Greece		Issue 0 (2013-05-17)
Equipment:	71326-Intrinsically safe Lifebuoy Light type SOLAS/MED-ATEX/IECEX		
Optional accessory:			
Type of Protection:	Intrinsic safety "i", Optical radiation protection "op"		
Marking:	Ex ia op is IIC T4 Ga		

Approved for issue on behalf of the IECEx
Certification Body:

Dipl. Ing. Lukáš Martinák

Position:

Head of the Certification Body

Signature:
(for printed version)

Date:
(for printed version)

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting www.iecex.com or use of this QR Code.



Certificate issued by:

Fyzikálne technický zkusební ústav
(Physical -Technical Testing Institute)
Pikartská 7, 71607 Ostrava - Radvanice
Czech Republic





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Manufacturer: **LALIZAS HELLAS S.A.**
3 Gounari Str.
18531 Piraeus
Greece

Manufacturing locations: **Xiamen Marine Industries Co., Ltd.**
No. 100, Jingquan Road
Jimei Northern Industrial Area
Xiamen City
Fujian Province
China

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEX Quality system requirements. This certificate is granted subject to the conditions as set out in IECEX Scheme Rules, IECEX 02 and Operational Documents as amended

STANDARDS :

The equipment and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards

[IEC 60079-0:2017](#) Explosive atmospheres - Part 0: Equipment - General requirements
Edition:7.0

[IEC 60079-11:2011](#) Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
Edition:6.0

[IEC 60079-28:2015](#) Explosive atmospheres - Part 28: Protection of equipment and transmission systems using optical radiation
Edition:2

This Certificate **does not** indicate compliance with safety and performance requirements other than those expressly included in the Standards listed above.

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in:

Test Reports:

[CZ/FTZU/ExTR12.0020/00](#)
[CZ/FTZU/ExTR12.0020/03](#)

[CZ/FTZU/ExTR12.0020/01](#)

[CZ/FTZU/ExTR12.0020/02](#)

Quality Assessment Report:

[CN/NEP/QAR19.0008/02](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

The equipment is designed to use with a lifebuoy and to float on water.

The equipment consists of a non accessible sealed enclosure providing Ingress Protection by enclosure IP66/IP68. It contains printed circuits board with batteries covered with epoxy resin and powerful LED. The light is activated by removing of permanent magnet. The apparatus is held in an electrostatically conductive bracket.

Degree of Protection by Enclosure: IP66/68

Allowed battery: CR-2, producer Huizhou Huiderei Lithium Battery Technology Co., Ltd.,China

Ambient temperature: $-35^{\circ}\text{C} \leq T_a \leq 85^{\circ}\text{C}$

SPECIFIC CONDITIONS OF USE: YES as shown below:

Under certain extreme circumstances, the plastic enclosure may store an ignition-capable level of electrostatic charge. The device shall not be installed in a location where the external conditions are conducive to the build-up of electrostatic charge.



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

Issue 3:

The type of used battery has been modified.