



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

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

Certificate No.: IECEx FTZU 12.0020X Issue No: 2 Certificate history:
Status: **Current** Issue No. 2 (2019-08-02)
Date of Issue: **2019-08-02** Page 1 of 4 Issue No. 1 (2018-05-11)
Applicant: **LALIZAS HELLAS S.A.** Issue No. 0 (2013-05-17)
3 Gounari Str.,
18531 Piraeus
Greece

Equipment: **71326-Intrinsically safe Lifebuoy Light type SOLAS/MED-ATEX/IECEX**
Optional accessory:

Type of Protection: **Intrinsic safety, Inherently safe optical radiation**

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:

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 the [Official IECEx Website](http://www.iecex.com).

Certificate issued by:

**Fyzikálně technický zkušební ústav
(Physical -Technical Testing Institute)
Pikartská 7, 71607 Ostrava - Radvanice
Czech Republic**





IECEX Certificate of Conformity

Certificate No: IECEX FTZU 12.0020X

Issue No: 2

Date of Issue: 2019-08-02

Page 2 of 4

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

Additional Manufacturing location(s):

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 apparatus 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 Edition:7.0	Explosive atmospheres - Part 0: Equipment - General requirements
IEC 60079-11 : 2011 Edition:6.0	Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
IEC 60079-28 : 2015 Edition:2	Explosive atmospheres - Part 28: Protection of equipment and transmission systems using optical radiation

*This Certificate **does not** indicate compliance with electrical 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 Report:

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

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

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

Quality Assessment Report:

[CN/NEP/QAR19.0008/00](#)



IECEX Certificate of Conformity

Certificate No: IECEx FTZU 12.0020X

Issue No: 2

Date of Issue: 2019-08-02

Page 3 of 4

Schedule

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-02, producer Wuhan Forte Battery Co., 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.



IECEX Certificate of Conformity

Certificate No: IECEX FTZU 12.0020X

Issue No: 2

Date of Issue: 2019-08-02

Page 4 of 4

DETAILS OF CERTIFICATE CHANGES (for issues 1 and above):

Issue 2:

QAR reference changed.

Additional manufacturing location added.