

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate No:
MEDB00003TX
Revision No:
2

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED). This Certificate is issued by DNV SE based on the notification of the Federal Maritime and Hydrographic Agency of Germany.

This is to certify:

That the Position indicating lights for life-saving appliances: (b) for lifebuoys

with type designation(s)
71325 Lifebuoy Light SOLAS / MED

Issued to
Lalizas Hellas S.A.
Piraeus, Greece

is found to comply with the requirements in the following Regulations/Standards:
Regulation (EU) 2021/1158,
item No. MED/1.2b. SOLAS 74 as amended, Regulation III/4, III/7, III/22, III/32, III/34 & X/3, LSA Code, 2000 HSC Code 8

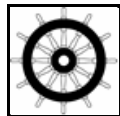
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2026-10-13**.

Issued at **Hamburg** on **2021-10-14**

DNV local station:
Piraeus

Approval Engineer:
Didier Girardin



Notified Body
No.: **0098**

for DNV SE

Christine Mydlak-Roeder
Head of Notified Body

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) of Annex B of the MED is fully complied with and controlled by a written inspection agreement with a Notified Body. The product liability rests with the manufacturer or his representative in accordance with Directive 2014/90/EU.

This certificate is valid for equipment, which is conform to the approved type. The manufacturer shall inform DNV SE of any changes to the approved equipment. This certificate remains valid unless suspended, withdrawn, recalled or cancelled. Should the specified regulations or standards be amended during the validity of this certificate, the product is to be re-approved before being placed on board a vessel to which the amended regulations or standards apply.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.



Product description

Flashing Lifebuoy Light of type SOLAS/ MED (71325) activated automatically after being pulled from its holding bracket by the act of deployment of the lifebuoy by being switched "ON" automatically.

Battery type: Forte Lithium manganese Cell 10 years' service life.

Application/Limitation

none

Type Examination documentation

71325 (Orange) Evaluation and test report according MSC. 980. dated 2012.08.16

Tests carried out

The products have been tested in accordance with
IMO Solas 74 Convention as amended, Regulations III(7, 22, 32, 34),
IMO Res. MSC.36(63)-(1994 HSC Code) 8,
IMO Res. MSC.97(73)-(2000 HSC Code) 8,
IMO Res. MSC.48(66) as amended.

MSC.81(70) as amended,
EN 60945:2002 incl. IEC 60945 Corr. 1:2008,
ISO 24408: 2005.

Marking of product

According to Article 10 of the Council Directive (MED) and including information required by the LSA Code § 1.2.2.9 and § 1.2.3

- Manufacturer name
- Type identification
- Lot number

USCG approval number: USCG 161.110/EC0098/MEDB00003TX Rev.02

END OF CERTIFICATE