EU TYPE-EXAMINATION CERTIFICATE

1. **EU type-examination Certificate (Module B)**

2. **Equipment or Protective System intended for use in potentially explosive atmospheres (Directive 2014/34/EU)**

3. **EU type examination certificate Nr** **ITS11ATEX27239 R.1**

4. **Product:** L6-Ex & L6A-Ex Life Jacket Lights

5. **Manufacturer:** Daniamant Ltd. **Applicant:** Daniamant Ltd.

6. **Address:** Unit 3, The Admiral Park, Portsmouth, Hampshire, PO3 5RQ **Address:** Unit 3, The Admiral Park, Portsmouth, Hampshire, PO3 5RQ

7. This product and any acceptable variation thereto are specified in the schedule to this certificate and therein referred to.

8. INTERTEK ITALIA S.p.A., Notified Body n° 2575 in accordance with article 17 of the Directive 2014/34/EU of the European Parliament and Council of the 26 February 2014, certifies that the equipment or protective system has been found to comply with the essential Health and Safety Requirements relating to the design and construction of equipment and protective system intended for use in potentially explosive atmosphere, given in Annex II of the Directive.

   The examination and tests results are recorded in confidential technical evaluation Intertek Report Nr. 104622298LHD-001, dated 23rd April 2021.

9. Compliance with the Essential Health and Safety Requirements has been assured by compliance with EN IEC 60079-0:2018 and EN 60079-11:2012 except in respect of those requirements referred to at item 16 of the Schedule.

10. If the sign X is placed after the certificate number, it indicates that the product is subject to Special Conditions for Safe Use specified in the schedule to this certificate.

11. This EU-Type Examination Certificate relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.

12. The marking of the product shall include the following:

    II 2 G Ex ia IIB T3 Gb
    -35°C ≤ Ta ≤ +65°C

Certificate issue date

28th April 2021

Mark Newman
Certification Officer
Intertek Italia S.p.A. (NB 2575)

PDR N° 277B

Membro degli Accordi di Mutuo Riconoscimento EA, IAF e ILAC

Signatory of EA, IAF and ILAC Mutual Recognition Agreements

This Certificate is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Certificate. Only the Client is authorized to permit copying or distribution of this Certificate and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek.

SCHEDULE

EU TYPE EXAMINATION CERTIFICATE NUMBER: ITS11ATEX27239 R.1

13. DESCRIPTION OF THE EQUIPMENT OR PROTECTIVE SYSTEM

The L6-Ex and L6A-Ex are illuminating lifejacket safety devices designed for use when the wearer enters the water, the difference between the two models is the method in which the unit is activated, the L6-Ex utilises a pull ring whilst the L6A-Ex has a water activated switch.
The equipment comprises of a printed circuit board, lithium battery, light emitting diode and in the case of the L6-Ex a reed switch, the enclosure for the device is comprised of two plastic parts.
The electronics within the housing are encapsulated in epoxy resin, battery used in the device is not replaceable and non-rechargeable.
Intrinsic safety is maintained by the limitation of current, power, inductance and capacitance and the use of specified batteries.

CE Marking shall be accompanied by the identification number of the Notified Body responsible for surveillance of production.

14. DRAWINGS AND DOCUMENTS

TITLE	DOCUMENT Nr	LEVEL	DATE
L6A-Ex LIFEJACKET LIGHT	79-350A	02	02/03/2011
L6-Ex PCB ASSEMBLY	79-311B	02	13/09/2011
L6-Ex & L6A-Ex CIRCUIT DIAGRAM	79-311C	03	06/05/2011
L6-Ex PCB ITEMS LIST	79-311L	06	24/08/2011
L6-Ex PCB	79-312D	01	11/11/2010
L6A-Ex FAMILY TREE	79-350F	02	03/03/2011
L6A-Ex PCB ASSEMBLY	79-351B	02	13/09/2011
L6-Ex LIFEJACKET LIGHT	79-310A	03	24/08/2011
L6A-Ex PCB ITEMS LIST	79-351L	06	28/08/2011
L6-Ex FAMILY TREE	79-310F	02	02/03/2011
L6-Ex PCB Gerber Files	79-312N	06	13/09/2011
*L6-Ex and L6A-Ex LABEL BOTTOM	79-354D	7	08/04/2021
EPOXY RESIN PX439XS	99-151-XXXD	01	02/03/2011

Note: An * is included before the title of documents that are new or revised.

Copies of the above listed documents are kept at Intertek Italia S.p.A. archive.

SCHEDULE

EU TYPE EXAMINATION CERTIFICATE NUMBER: ITS11ATEX27239 R.1

15. **SPECIAL CONDITIONS FOR SAFE USE**

None.

16. **ESSENTIAL HEALTH AND SAFETY REQUIREMENTS**

The relevant essential Health and Safety Requirements have been identified and assessed in Intertek Testing and Certification Report Nr. 104622298LHD-001, dated 23rd April 2021.

17. **ROUTINE (FACTORY) TESTS**

None

18. **DETAIL OF CERTIFICATE CHANGES**

21st May 2019 (R.0)
Initial release by Intertek Italia S.p.A. (NB 2575) on transfer from Intertek Testing and Certification Ltd. (NB0359)

28th April 2021 (R.1)
Update to certification standard EN IEC 60079-0:2018 and consolidation of previous test reports into report Nr. 104622298LHD-001. Addition of UKCA marking and UKEX certificate number to the marking.