Valued Quality, Delivered.

EU-Type Examination Certificate

EU-TYPE EXAMINATION CERTIFICATE

- 2. Equipment or Protective System Intended for use in Potentially Explosive Atmospheres
 Directive 2014/34/EU
- 3. EU-Type Examination Certificate Number: ITS11ATEX27239 Issue 2

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

5. Manufacturer: Daniamant Ltd

1.

6. Address: Unit 3, The Admiral Park,

Portsmouth, Hampshire, PO3 5RQ

- 7. This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
- 8. Intertek Testing and Certification Limited, Notified Body number 0359 in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council dated 26 February 2014, certifies that the product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive.

In accordance with Article 41 of Directive 2014/34/EU, EC-Type Examination Certificate referring to 94/9/EC that were in existence prior to the date of application of 2014/34/EU (20 April 2016) may be referenced as if they were issued in accordance with Directive 2014/34/EU. Supplementary Certificates to such EC-Type Examination Certificates, and new issues of such certificates, may continue to bear the original certificate number issued prior to 20 April 2016.

The examination and test results are recorded in confidential Intertek Report Ref: 10047343 Issue: 1 Dated: May 2011, Intertek Report Ref G102157916 Issue 1 Dated March 2016 and Intertek Report Ref G103493255LHD-001 Issue 1 Dated April 2018

- 9. Compliance with the Essential Health and Safety Requirements has been assured by compliance with EN 60079-0:2012+A11:2013 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 Specific Conditions of 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

Intertek Testing & Certification Limited Intertek House, Cleeve Road, Leatherhead, Surrey, KT22 7SB Tel: +44 (0)1372 370900 Fax: +44 (0)1372 370977 www.intertek.com

A M Smart Certification Officer 8 May 2018

Registered No 3272281 Registered Office: Academy Place, 1-9 Brook Street, Brentwood, Essex, CM14 5NQ.

Page 1 of 4

This certificate may only be reproduced in its entirety and without any change, schedule included and is subject to Intertek Testing and Certification's Conditions for Granting Certification.

EU-Type Examination Certificate





SCHEDULE

EU-TYPE EXAMINATION CERTIFICATE NUMBER ITS11ATEX27239 Issue 2

13. Description of 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.

14. Report Number

Intertek Report Ref: 10047343 Issue: 1 Dated: May 2011, Intertek Report Ref G102157916 Issue 1 Dated March 2016, Intertek Report Ref G103493255LHD-001 Issue 1 Dated April 2018

15. Special Conditions of Certification

- (a). Specific Conditions of Safe Use
 - None
- (b). Conditions of Manufacture -
 - None



EU-Type Examination Certificate





SCHEDULE

EU-TYPE EXAMINATION CERTIFICATE NUMBER ITS11ATEX27239 Issue 2

16. Essential Health and Safety Requirements (EHSRs)

The relevant Essential Health and Safety Requirements (EHSRs) have been identified and assessed in Intertek Report Ref: G103493255LHD-001 Issue: 1 Dated: April 2018

17. Drawings and Documents

Title:	Drawing No.:	Rev. 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	04	08/03/2016
EPOXY RESIN PX439XS	99-151-XXXD	01	02/03/2011

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

18. Details of Certificate changes Issue 1

To permit the following changes:(Intertek Ref G102157916 dated March 2016)

- Re-assessments of the Life Buoy Light to the requirements of the latest standards EN 60079-0: 2012 and EN 60079-11:2012.
- Equipment level protection "Ga" changed to "Gb" and Group IIC changed to Group IIB
- Changes to appropriate documents to reflect the above change.

Title:	Drawing No.:	Rev. Level:	Date:
L6-Ex and L6A-Ex LABEL BOTTOM	79-354D	04	08/03/2016



EU-Type Examination Certificate





SCHEDULE

EU-TYPE EXAMINATION CERTIFICATE NUMBER ITS11ATEX27239 Issue 2

19. Details of Certificate changes Issue 2

To permit the following changes:(Intertek Ref G103493255LHD-001 dated April 2018)

- Revision of certified drawings to correct mistakes introduced under Intertek Ref G102157916 dated March 2016.
- Correction of typographical errors in standards numbers.

Title:	Drawing No.:	Rev. Level:	Date:
L6-Ex PCB ASSEMBLY	79-311B	02	13/09/2011
L6-Ex PCB ITEMS LIST	79-311L	06	24/08/2011
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	05	03/05/2011
L6-Ex PCB Gerber Files	79-312N	06	13/09/2011



Page 4 of 4

This Certificate is the property of Intertek Testing and Certification Ltd and is subject to Intertek Testing and Certification's Conditions for Granting Certification

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.