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COMMERCIAL-IN-CONFIDENCE

STATEMENT OF TEST

CLIENT Daniamant Limited
Unit 3. The Admiral Park
Airport Service Road
Portsmouth, Hampshire
United Kingdom, PO3 5RQ

DOCUMENT 75950185 SoT 04 Issue 2
CLIENT'S ORDER NUMBER PC0002105, dated 10.02.2021

INCOMING RELEASE NOTE Not Released
DATE OF RECEIPT 10 February 2021
EQUIPMENT UNDER TEST (EUT) Lifeboat Internal Light
MODEL/PART NUMBERS(S) SL500
SERIAL NUMBERS(S) Not serialised
TEST SPECIFICATION / ISSUE / DATE EN 60945:1992 +A2:2013 Tables III, VIII & clause 14.2.8 (IPX8)
DEVIATIONS FROM THE STANDARD None
DATE OF TEST 12 February 2021

TEST(S) DESCRIPTION Protection Against the Ingress of Water by Immersion (IPX8)

The following test was required by the specification:

1. Weigh the unit before the test. Provide an external power supply at 24 V and confirm the light illuminates continuously. No temperature preconditioning is required. The EUT is immersed in fresh water and is electrically disconnected and switched OFF during the test. The cable terminations were not immersed.
2. Install the EUT into the pressure vessel and immerse the unit below the surface of fresh water. Provide a positive pressure to that equivalent to an immersion at 5 m. Immersion shall be for a period of 30 min (minimum).
3. On completion of the test re-weigh the unit. Examine for any signs of water ingress. Reconnect the electrical supply and confirm the light unit operates satisfactorily.

RESULT(S) OF TEST

The test requirements were satisfied. No water ingress was observed inside the lens of the light unit, and no other damage or detrimental effects were reported following examination on completion of the test. The weight of the unit was unchanged after the test. The light unit operated correctly after the test.

This certificate relates only to the actual item/items tested.

Measurement Uncertainty Decision Rule

Determination of conformity with the specification limits is based on the decision rule according to IEC Guide 115:2007, clause 4.4.3 and 4.5.1.

Approved by

G M Stephens
Authorised Signatory

Date 12 May 2021

