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COMMERCIAL-IN-CONFIDENCE

# STATEMENT OF TEST

<b>CLIENT</b>	Daniamant Limited Unit 3. The Admiral Park Airport Service Road Portsmouth, Hampshire United Kingdom, PO3 5RQ	<b>DOCUMENT</b>	75950185 SoT 03 Issue 2
		<b>CLIENT'S ORDER NUMBER</b>	PC0002105, dated 10.02.2021

<b>INCOMING RELEASE NOTE</b>	Not Released
<b>DATE OF RECEIPT</b>	10 February 2021
<b>EQUIPMENT UNDER TEST (EUT)</b>	Lifeboat External Light
<b>MODEL/PART NUMBERS(S)</b>	SL400
<b>SERIAL NUMBERS(S)</b>	Not serialised
<b>TEST SPECIFICATION / ISSUE / DATE</b>	EN 60945:1992 +A2:2013 Tables III, VIII & clause 14.2.8 (IPX8)
<b>DEVIATIONS FROM THE STANDARD</b>	None
<b>DATE OF TEST</b>	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 operates correctly (50 to 70 flashes per minute). 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   
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**G M Stephens**  
 Authorised Signatory

Date 12 May 2021 -----

