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# TEST HOUSE CERTIFICATE

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

**DOCUMENT** 75929802 THC 01 Issue 1  
**CLIENT'S ORDER NUMBER** PC0001483, dated 11.03.2015

**INCOMING RELEASE NOTE**

Not Released

**DATE OF RECEIPT**

18 March 2015

**EQUIPMENT UNDER TEST (EUT)**

Survivor Location Lights, as stated below (x11 units tested)

**MODEL/PART NUMBERS(S)**

	Description	Model	TSR No *
1	External Raft Light	Rescue Master 2B	001
2	Lifebuoy Light	L170	002
3	Lifebuoy Light	L160	003
4	Lifebuoy Light	L161	004
5	Lifebuoy Light	L162	005
6	Lifebuoy Light	L163	006
7	LED Distress Flare	ODEO Mk.3	007
8	Lifebuoy Light	L90	008
9	Life Raft External Light	RL6	009
10	Lifejacket Light	L6-Ex	010
11	Lifejacket Light	L6A-Ex	011

\* Test Sample Registration Number

**TEST SPECIFICATION / ISSUE**

EN 60529:1992. Table III, Table VIII and clauses 14.2.8 & 14.3.

**DEVIATIONS FROM THE STANDARD**

None

**DATE OF TEST**

19 March 2015

**TEST(S) DESCRIPTION**

Protection Against Ingress by Immersion in Water (IPX8)

The following test was required by the specification:

1. Immediately prior to the test examine each EUT. Manually switch each EUT to ON and OFF.
2. Immerse each EUT in water and increase the surface air pressure to 5 bar to reproduce the pressure equivalent to an immersion depth of 50 metre. Maintain the immersion for a period of 30 mins.
3. On completion of the test re-examine the units. Note any conspicuous ingress of water. Manually switch each EUT to ON and OFF.

**RESULT(S) OF TEST**

The test requirements were satisfied on all units.

On completion of the test there was no evidence of water ingress to the following units; 1, 2, 3, 4, 5, 7, 9, 10 & 11. Unit 6 indicated a weight gain of 16 g. Unit 8 indicated a weight gain of 3 g. Water ingress is acceptable provided it does not interfere with the light operation (spec ref 14.3). All units were manually operated satisfactorily after the test, except units 1 and 9 as these units were supplied without a power supply. The client representative subsequently reported that these lights operated satisfactorily. Unit 8 (L90) suffered permanent distortion of the buoyancy chamber after the test. The client's representative advised that the maximum recommended depth to avoid distortion of this unit was exceeded.

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

Approved by   
 -----  
 G M Stephens  
 Authorised Signatory



Date 09 April 2015