

TEST CERTIFICATE

CLIENT: TÜV SÜD Product Service
Octagon House
Concorde Way
Fareham
Hampshire
PO15 5RL

CERTIFICATE NUMBER 14109/01 Issue 01

CUSTOMER ORDER NUMBER 10011893

TÜV REFERENCE 75932441

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DATE OF RECEIPT

20 November 2015

EQUIPMENT SUPPLIER

Daniamant Survival Lights

TEST ITEM(S)

TSR	Identity	Description	Qty	PTL ID
023	RL5 - External	Liferaft Light	1	17544
024	RL5 - Internal	Liferaft Light	1	17545

TEST SPECIFICATION / ISSUE

BS EN 60529:1989 +A1:1999 +A2:2013 IP6X Category 1

DATE OF TEST

24 November 2015

TEST(S) APPLIED

Protection Against Solid Foreign Objects, Dust-Tight

Initially the units were examined for apertures and openings allowing penetration of a 1mm diameter probe applied with a force of 1N,

Prior to testing a functional assessment was performed by turning on each of the units to ensure proper operation. A vacuum of 19.9 mbar was applied to each of the units individually and the airflow was below measurable, therefore an 8 hour test was required. During testing the vacuum was applied to all of the units. The test conditions were as follows:

Dust Grade: BS EN 60529 Talc Test Dust

Concentration: 2 kg/m³

Duration: 8 hrs

Temperature/Humidity: 20.0 °C / 53% rh

RESULT(S) OF TEST

IP6X

There were no apertures permitting entry with a 1mm diameter probe when using a force of 1N.

On completion of the dust test excess dust was removed by light brushing, no conspicuous damage was noticed on the exterior of the unit. a functional assessment was performed by turning on each of the units to ensure proper operation.

The units were inspected via the glass window, there was no visible dust ingress.

COMPLIANCE

The Liferaft Lights conform to the standard required by BS EN 60529:1989 +A1:1999 +A2:2013 IP6X Category 1.

Approved by
G J Spicer, MEng
Managing Director

Date: 27 November 2015