

Type Approval Certificate

This is to certify that the undernoted product has been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

This certificate is issued to:

PRODUCER

ERTECNA Lda

PLACE OF

EN-109

PRODUCTION

Araujos-Brenha

3080-436 Figueira da Foz

Portugal

DESCRIPTION

Photoluminescent Materials

TYPE

Everlux 170-22.5-2250-K-W

APPLICATION

Marine, offshore, industrial and commercial applications for Safety

Signs and Escape Route Illumination Systems.

SPECIFIED

Fire Retardance:

IEC 60092-101:2002

STANDARD

Fire Retardance

ISO 15370:2010 NBR13434-3:2005 (Clause 4.1)

Fire Retardance: Luminance lest:

DIN 67510-1:2009

Luminance Performance:

NBR13434-3:2005 (Clause 4.5)

OTHER CONDITIONS

Storage 5°C to 35°C

Humidity: 30% to 75%

Product width and application is governed by IMO Resolution

A.752(18) and ISO 15370:2010

"This Certificate is not valid for environment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid certificate."

The attached Design Appraisal Document No. 14/00062 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

Certificate No.

14/00062

Issue Date

20 August 2014

Expire Date

19 August 2019

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L. Green

Marine Technology & Engineering Services

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