Certificate No: LR2500778SS
Issue Date: 18/03/2025
Expiry Date: 17/03/2030

Certificate of Type Approval

This is to certify that the product detailed below will be accepted for compliance with the applicable Lloyd's Register Rules and Regulations and with the International Convention for the Safety of Life at Sea, (SOLAS), 1974, as amended, for use on ships and offshore installations classed with Lloyd's Register, and for use on ships and offshore installations when authorised by contracting governments to issue the relevant certificates, licences, permits etc.

Manufacturer	**Ertecna, Lda.**
Address	EN 109 Araújos Brenha, 3080-436 Figueira da Foz, Portugal
Type	Photoluminescent Material
Description	Marine, offshore, industrial and commercial applications for safety signs, escape route illumination systems and tunnels.
Trade Name	Sinalux – LLL / Everlux – LLL
Specified Standard	Fire retardance: IEC 60092-101:2018(Clause 4.7)) Fire retardance: NBR 16820:2020 (Clause 7.1) Luminance Performance: ISO 16069:2017 (Clause 7.2.1& 7.2.2) Luminance Performance: ISO 15370:2021 Luminance Performance: DIN 67510-1:2020 Luminance Performance: UNE 23035-4:2003 Luminance Performance: NBR 16820:2020 (Clause 7.5) Luminance Performance: NS 3926-1:2017 (Clause 7.2) Luminance Performance: NS 3926-2:2017 (Clause 4.10) Luminance Test: DIN 67510-1:2020 Luminance Test: ISO 16069:2017 (Annexe B) Luminance Test: UNE 23035-1:2003 Luminance Test: NS 3926-2:2017 (Clause 4.5)

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Lijo Thomas
Fire & Safety - Senior Surveyor to Lloyd's Register EMEA
A member of the Lloyd's Register group

71 Fenchurch Street, London, EC3M 4BS, United Kingdom

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This certificate is not valid for equipment, the design or manufacture of which has been varied or modified 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 forms part of this certificate.

This certificate remains valid unless cancelled or revoked, provided the conditions in the attached Design Appraisal Document are complied with and the equipment remains satisfactory in service.

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