Certificate No: LR21360348TA
Issue Date: 10/11/2021
Expiry Date: 09/11/2026

Type Approval Certificate

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

Manufacturer	**Lumishore Limited**
Address	Unit 11 Kings Road, Technium 1, Swansea Waterfront, Swansea, SA1 8PH, United Kingdom
Type	Underwater Lights
Description	Underwater lights and cameras
Trade Name	SY22x, SY25x, SY30x, SY31x
Application	Marine installations
Specified Standard	IEC 60598-1:2014 (Section 9.2.9 only)
Ratings	Voltage range: 21-31 VDC Light source: LED
Other Conditions	Ingress Protection Test IP X8 to IEC 60598-1:2014 as follows: Rated immersion depth of 30m for SY 22x, SY 25x, SY30x and SY 31x. Radiated emissions test and conducted emissions test on THX120 Driver-CCP to Lloyd's Register Type Approval System Test Specification No.1: 2020 for equipment in general power distribution zones.

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Andrei Petrov

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, 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.

Previous Version: 16/00102

The Design Appraisal Document LR21360348TA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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