

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	Francis Searchlights Ltd
Address	Union Road, Bolton, BL2 2HJ, United Kingdom
Type	Searchlights (manual or remote controlled)
Description	Lite range - Halogen searchlights FR range - Halogen searchlights LED range - LED searchlights Voyager range - Halogen, LED, Xenon, Metal Halide/Em Arc searchlights FX/LX range - Xenon searchlights FH range - Metal Halide/Em Arc searchlights
Trade Name	Lite range - L230, L230RC, L230RC Twin Head, L300, L300RC, L380, L380RC, L480, L480RC, L560, L560 RC FR range - FR230, FR280, FR300, FR300RC, FR380, FR380RC, FR480, FR480RC, FR560, FR560RC LED range - L230 LED, L230RC LED, L300LED, L300RC LED, L300RC LED Twin head, L480 LED, L480RC LED Voyager range - VH500, VL500, VX500, VM500 FX/LX range - FX230, LX230, LX230RC, LX300, LX300RC, FX380, FX380RC, LX480, LX480RC, FX560, FX560RC, FX710RC FH range - FH300, FH300RC, FH300RC Twin head, FH380, FH380RC, FH380RC Twin head, FH560, FH560RC
Application	Marine and Offshore applications
Specified Standard	IEC 60945: 2002 + Corrigendum April 2008 (exposed equipment)
Ratings	Please refer to Manufacturer's technical datasheets
Additional Tests	IP rating : IPX6 Compass safe distance: standard compass - 150cm (powered/unpowered) steering compass - 15 cm (powered/unpowered)

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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.

The Design Appraisal Document LR21421243TA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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