Certificate No: LR2001396TA
Issue Date: 06/12/2019
Expiry Date: 26/05/2020

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	**4C Innovation Srl**
Address	Via di Montramito 1722, MASSAROSA (LU), 55054, Italy
Type	LED Navigation Lights
Description	LED Navigation lights for power-driven vessels (>20 m)
Trade Name	CE NL single and double lights
Application	Marine/Offshore applications
Specified Standard	EN 14744 (2005) including AC(2006) IEC 60945 (2002) including IEC 60945 Corrigendum 1 (2008)
Ratings	Supply voltage: 24 VDC
Other Conditions	**OPERATIONAL LIMITATIONS** 1. 360° Green and 360° Amber 4C INNOVATION LED Navigation lights may only be fitted to vessels less than 50 metres as per COLREGs 72 Rule 22 as amended. 2. The navigation light controller does not form a part of this design appraisal document. 4C INNOVATION LED Navigation lights on board vessels are to be used in conjunction with appropriate navigation light

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Andrei Petrov

Surveyor to Lloyd's Register EMEA
A member of the Lloyd's Register Group

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controller complied with IMO Resolution MSC.253(83).
3. 4C INNOVATION LED Navigation lights comply with Section 4.3.1 of IMO Resolution MSC.253(83).
4. Installation on board: The arrangements and installation of the light on board the vessel are not part of this design appraisal and certificate. All such arrangements are to be to the satisfaction of the Surveyors attending on board; the fitting of the light to be in accordance with the manufacturer's instructions and the requirements of COLREG 72, as amended, and any additional requirement of the State whose flag the vessel is entitled to fly.

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 No. LR2001396TA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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