



TYPE APPROVAL CERTIFICATE
No. ELE118523PU

This is to certify that the product below is found to be in compliance with the applicable requirement of the RINA type approval system.

<i>Description</i>	NAVIGATION LIGHTS
<i>Type</i>	NaviLED PRO Masthead white (3 NM) 2LT 959 940-2xx
<i>Applicant</i>	HELLA NEW ZEALAND LIMITED 81-83 Ben Lomond Crescent Pakuranga 2010 Auckland NEW ZEALAND
<i>Manufacturer</i>	HELLA NEW ZEALAND LIMITED
<i>Place of manufacture</i>	81-83 Ben Lomond Crescent Pakuranga 2010 Auckland NEW ZEALAND
<i>Reference standards</i>	COLREG:1972, ISO19009:2015, EN60945:2002

Issued in **BUSAN** on **September 6, 2023**. This Certificate is valid until **April 25, 2027**



RINA Services S.p.A.
Young-Kwang Kim

This certificate consists of this page and 1 enclosure

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Enclosure - Page 1 of 1
NaviLED PRO Masthead white (3 NM)
2LT 959 940-2xx

Navigation light for small craft up to 24 meters length of the hull

Type: NaviLED PRO Masthead white (3 NM)

2LT 959 940-2xx

- rated voltage: 12 Vdc and 24 Vdc
- mechanical protection: IP 67
- max supply voltage variation allowed: 9 Vdc to 33 Vdc

Drawing: D_2LT9599402x/003 dated 23/7/2023 (ABYC C-5 Std. & UKCA engraved)
Description of changes dated 18/07/2023

Test Reports:

HELLA doc. n. HNZ609 / 2LT 959 940-2xx (08/11/2011) _ (supply voltage variations):
TESTLAB doc. n. E70101 (20/02/2007) _ (EMC immunity and emission)
EMC Technologies (NZ) doc. n. 100503.1 (10/06/2010) _ (EMC immunity and emission)
IMANNA doc. n. 17168-3 (03/03/2006) _ (Environmental)
IMANNA doc. n. 17168-1 (03/03/2006) _ (Colreg requirements 12 to 24Vdc)
Associate Project engineer doc. n. 12CA12554-VA00 - Degrees of protection by enclosures (22 March 2012)
IMANNA doc. n. 23-22260-1 (01/08/2023) - (ISO 19009:2015 & Colreg requirements)
PHOENIX TestLab doc. n. U61617 (29/09/2006)

Asbestos free declaration letter dated 28/8/2023

ISO Certificates : ISO 9001:2015 Reg.No. 01 100 1501312 #23 dated 05/10/2021,
ISO 14001:2015 Reg. No. 01 104 069691 #63 dated 03/09/2021

- The above documents and reports for this revision are archived in LD+ as "PUEL-10641".

Remarks

- Navigation lights to be installed according to COLREG 72 Requirements as well as the manufacturer instructions.
- Type Approval certifies that a representative sample of the product has been found to meet the applicable design criteria
- Any modification or change shall not be valid until approval is granted by RINA as a result of due assessment
- RINA annual audit to the Manufacture's production site is required in case of products for which testing of each unit or batch is not required to be attended by the surveyor.

Renewal/Revision

- 29/03/2017: Certificate No. ELE089917CS
- 26/04/2022: Renewal without modification / New certificate No. ELE037622PU revokes previous certificate.
- 6/09/2022: Revision / New certificate No. ELE118523PU revokes previous certificate.

BUSAN September 6, 2023


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