



TYPE APPROVAL CERTIFICATE
No. ELE017226NZ/001

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 ECO Compact Deck Mount Lamp 2NM
<i>Applicant</i>	Port, Starboard, Bi-Colour
	HELLA NEW ZEALAND LTD
	81-83 Ben Lomond Crescent Pakuranga Auckland 2010
	New Zealand
<i>Manufacturer</i>	HELLA NEW ZEALAND LTD
<i>Place of manufacture</i>	81-83 Ben Lomond Crescent, Pakuranga Auckland 2010
	New Zealand
<i>Reference standards</i>	COLREG:1972, ISO19009:2015, ABYC C-5:2024,
	EN60945:2002, IEC60529:2013

Issued in **BUSAN** on **July 16, 2026**. *This Certificate is valid until* **July 15, 2031**



Jan-Paul De Wilde
RINA Services S.p.A.

This certificate consists of this page and 1 enclosure



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Enclosure - Page 1 of 1
NaviLED ECO Compact Deck Mount Lamp 2NM
Port, Starboard, Bi-Colour

Type: NaviLED ECO Compact Deck Mount Lamp(2NM)

Port lamp	2LT 017 910-0xx/1xx
Starboard lamp	2LT 017 910-3xx/4xx
BI- colour lamp	2LT 017 910-5xx/6xx
Port lamp and Starboard lamp	2LT 017 910-8xx

- rated voltage: 12 Vdc and 24 Vdc.
- mechanical protection: IP 67 and IP 69
- max supply voltage variation allowed: 9-16 Vdc for 12 Vdc, 18-32 Vdc for 24 Vdc
- operating temperature : -25 to 55 C.deg.

Drawings

- 10003818821 for Lamp ASSY, PLASTIC VERSION-DECKMOUNT ECO
- 10003818820 for SS Lamp ASSEMBLY-DECKMOUNT ECO

Test Reports:

- TESTLAB doc. n.E251866E2 (25/03/2026) (EMC immunity and emission)
- TESTLAB doc. n.U251864E1 (23/03/2026) (Environmental)

IMANNA test reports

n.26-22943-1 (Colreg requirements/ABYC-5:2024/ISO 19009:2015 for 2NM NAVILED ECO Compact deck mount Port, Starboard and Bi-Colour Navigation Lights) dated 24/06/2026

- The above documents and reports are archived in LD+ as "PUEL-15589, PUEL-15591~4".
- Asbestos free declaration letter dated 07/07/2026

Note/Remark

- Navigation lights to be installed according to COLREG 72 Requirements as well as the manufacturer instruction.
- The product is always subject to the compliance with RINA Rules and other Standards mentioned on certificate
- 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
- This Type Approval certificate covers type-approved products, for which individual testing is not required.
- Validity of this Type Approval certificate is subject to the maintenance of a Production Quality Assurance certificate by RINA, covering the production of the type approved products.

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