TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate no.:
MERB000079H
Revision no.:
1

This Certificate is issued by DNV UK Limited, UKAS accredited certification body no. 6086, based on authorisation of the Maritime & Coast Guard Agency (MCA) as an UK Approved Body (no. 0097) to undertake conformity assessments on marine equipment in accordance with the requirements of the Merchant Shipping (Marine Equipment) Regulations 2025.

This is to certify:

that the **Navigation lights**

with type designation(s)
300-036/300-037/300-038/300-039/300-136/300-137/300-138/300-139

issued to
Lopolight ApS
Bakkegaardsvej 513
DK-3050 Humlebaek
Denmark,

is found to comply with the Regulation **(UK) MSN 1874 Amendment 11** for
Item no. **UK/6.1** (Row **1 of 1**)
according to the following requirements:
COLREG 72 Annex I/14, IMO Res. A.694(17), IMO Res. MSC.253(83)

Further details of the equipment and conditions for certification are given overleaf.

Date of issue: **2026-02-09**

Expiry date: **2031-02-08**

DNV local unit:
Denmark CMC

Approval Engineer:
Tommi Juhani Rifaat

Approved Body No:: 0097

for **DNV UK Ltd.**

Digitally Signed By:
Christine Mydlak-Röder

Christine Mydlak-Röder
MER Service Responsible

Maritime & Coastguard Agency
UK Approved Body Authorised by the MCA

This certificate will not be valid if the manufacturer makes any changes or modifications to the approved type of equipment, which have not been notified to, and agreed with the approved body named on this certificate.
During the period of validity of this certificate the applicable regulations (international conventions and the relevant resolutions and circulars of the IMO) and testing standards may change, therefore the product conformity may need to be re-assessed by the Approved Body.
"The Mark of Conformity" may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production-control phase module (D, E or F) of Schedule 2 of the Merchant Shipping (Marine Equipment) Regulations 2025, as amended is fully complied with and controlled by a written inspection agreement with an approved body. In case limitations of use apply, these should be indicated in the Annex.

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Product description

Single and Duplex LED Masthead Navigation Lights – Types:
“300-036/300-037/300-038/300-039/300-136/300-137/300-138/300-139”

The LED navigation lights type Masthead Light 300-036/300-037/300-038/300-039 may only be fitted to vessels of 12 metres or more in length but less than 50 metres.

The LED navigation lights type Masthead Light 300-136,300-137,300-138 & 300-139 may only be fitted to vessels of 50 metres or more in length.

Application/Limitation

•The above navigation lights to be installed in accordance with the Convention on the International Regulations for Preventing Collisions at Sea, 1972 as amended, and maker's instructions.
• Installation for power driven and sailing vessels.
• For compliance with requirements in EN 14744 clause 4.10, an interface navigation light controller fulfilling the following requirements is required:
o The navigation light controller is to have the ability to correctly present lifespan and status signals from the lights in accordance with MSC.302(87) and MSC.253(83).
o The navigation light controller must monitor the light current for detection of partial failure and presentation of alerts.
• For monitoring of navigation light lifespan condition the light have to be switched off and back on.

Type Examination documentation

Please see Appendix: Type Examination Documentation

Tests carried out

- Performance: EN 14744 (2005) incl. AC 2006, tested for COLREG Lights
- Environmental: IEC 60945 (2002) incl. IEC 60945 Corr. 1:2008.

Marking of product

According to EN 14744.

APPENDIX

Type Examination documentation

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Document No.	Rev.	Title
300-138/300-038		Datasheet: 225° MASTHEAD LIGHT DOUBLE, HORIZONTALLY MOUNTED (300-138/300-038)
300-036		Datasheet: 300-036 5 NAUTICAL MILES 225° MASTHEAD LIGHT SINGLE, HORIZONTALLY MOUNTED
300-036		Drawing: 300-036 5nm Masthead, Horisontal Mount
300-038	5	Drawing: 300-038 5nm Masthead Double, Horisontal Mount
300-039		Drawing: 5nm Masthead Double, Vertical Mount
300-037		Datasheet: 300-037 5 NAUTICAL MILES 225° MASTHEAD LIGHT SINGLE, VERTICALLY MOUNTED
300-138		Drawing: 300-138 6nm Masthead Double, Horisontal Mount
300-137AA		Drawing: 6nm single vertical
300-039		Datasheet; 300-039 – 5NM 225° WHITE DOUBLE MASTHEAD LIGHT
300-136		Datasheet: 300-136 6 NAUTICAL MILES 225° MASTHEAD LIGHT SINGLE, HORIZONTALLY MOUNTED
300-136AB to - HB		Drawing: Masthead light 6 nm
300-138		Datasheet; 225° MASTHEAD LIGHT DOUBLE, HORIZONTALLY MOUNTED 5 nautical miles 300-038, 6 nautical miles 300-138
300-139		Drawing: 6nm, Vertical Mount Cable Aft
300-137		Datasheet: 300-137 6 NAUTICAL MILES 225° MASTHEAD LIGHT SINGLE, VERTICALLY MOUNTED
DELTA-L102542-3		Report: DELTA EN 14744: Determination of the luminous intensity distribution and colour coordinates from navigation light Lopolight, Part no 300-138; Type Masthead 225°, 6nm
300-139		Datasheet: 300-139 – 6NM 225° DOUBLE MASTHEAD LIGHT
T203286	1	Report: DELTAT IEC60945 - 6nm Masthead Light - Part No 300-138
	04	Report: CB Svendsen report