

TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate No:
MERB000060S
Revision No:
0

This Certificate is issued by DNV UK Limited based on authorisation of the Maritime & Coast Guard Agency (MCA) as an UK Approved Body to undertake conformity assessments on marine equipment in accordance with the requirements of the Merchant Shipping (Marine Equipment) Regulations 2016 as amended.

This is to certify:

That the Position indicating lights for life-saving appliances: (a) for survival craft and rescue boats

with type designation(s)
R.EXT1

Issued to
Daniamant A/S
Slangerup, Denmark

is found to comply with the requirements in the following Regulations/Standards:
Regulation **MSN 1874 Amendment 6,**
item No. UK/1.2a. SOLAS 74 as amended, Regulation III/4, III/34 & X/3, LSA Code I & IV, 1994 HSC Code 8, 2000 HSC Code 8

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

This Certificate is valid until **2024-10-10.**

Issued at **London** on **2022-12-15**

DNV local unit:
Denmark CMC

Approval Engineer:
Marcin Tobiasz



Approved Body No.: **0097**

for **DNV UK Ltd.**

Christine Mydlak-Röder
MER Service Responsible



UK Approved Body Authorised
by the MCA

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 2016, as amended is fully complied with and controlled by a written inspection agreement with an approved body. The product liability rests with the manufacturer or his representative in accordance with the Merchant Shipping (Marine Equipment) Regulations 2016.

This certificate is valid for equipment, which is conform to the approved type. The manufacturer shall inform DNV UK Ltd. of any changes to the approved equipment. Should the specified regulations or standards be amended during the validity of this certificate, the product is to be re-approved before being placed on board a vessel to which the amended regulations or standards apply. This certificate remains valid unless suspended, withdrawn, re-called, or cancelled.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.



Product description

Manually controlled flashing position-indication lights for life craft – Type R.EXT1

Application/Limitation

Lights powered by batteries shall be marked with means of determining their age or the date by which they are to be replaced.

For compliance with SOLAS Regulation III/35 and III/36, fully detailed operations and maintenance manuals shall be supplied with each light.

Type Examination documentation

Daniamant Technical File TF-DK-18 Revision 02
 Operation Maintenance and Service Instructions, R.EXT1 Light, version 06 (D0575)

Report No	Title	Date
TUVRead_tr220812AK	Solar radiation test conducted on RL6, accepted for REXT based on similar of dome material	2012-09-18
F10719	Fire test, Contracted by Force Institute	1999-04-19
01-2011, issue 01	Evaluation and Test Report For Survival raft exterior lights REXT	2011-01-31
11-04	R.EXT1 Main PCB Test	2011-07-21
DANAK-19/13095	Type testing of M2 & M3, Delta	2013-05-15
117524/ m1445-527	Oil resistance test, Rain and Water Tightness test, carried out at Force Institute	1999-06-09

Tests carried out

-IMO Resolution MSC.81(70), part 1, as amended by Resolution MSC.200(80) and Resolution MSC.323(89)
 -IEC 60945:2002 incl. IEC 60945 Corr. 1 (2008)

Marking of product

To be marked with information requested by the LSA Code Paragraph 1.2.2.9 and 1.2.3

- Manufacturer name
- Type identification
- Serial or Lot number
- Date of expiry
- Mark of Conformity

END OF CERTIFICATE