

# EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate No:  
**MEDB00002Z7**  
Revision No:  
**3**

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED). This Certificate is issued by DNV SE based on the notification of the Federal Maritime and Hydrographic Agency of Germany.

## This is to certify:

**That the Searchlights for use in Lifeboats and Rescue Boats**

with type designation(s)  
**Watertight Searchlight BREMEN**

Issued to

**Glamox Marine and Offshore GmbH**  
**Bremen, Germany**

is found to comply with the requirements in the following Regulations/Standards:

Regulation **(EU) 2022/1157**,

**item No. MED/1.38. SOLAS 74, Regulation III/4, III/34 & X/3, LSA Code and 2000 HSC Code 8**

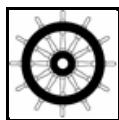
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2027-09-19**.

Issued at **Hamburg** on **2022-09-20**

DNV local station:  
**Essen**

Approval Engineer:  
**Didier Girardin**



Notified Body  
No.: **0098**

for **DNV SE**

**Christine Mydlak-Roeder**  
**Head of Notified 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-surveillance module (D, E or F) of Annex B of the MED is fully complied with and controlled by a written inspection agreement with a Notified Body. The product liability rests with the manufacturer or his representative in accordance with Directive 2014/90/EU. This certificate is valid for equipment, which is conform to the approved type. The manufacturer shall inform DNV SE of any changes to the approved equipment. This certificate remains valid unless suspended, withdrawn, recalled or cancelled. 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.

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

Watertight searchlight BREMEN (Trademark: aqua signal)  
3313002000, 3313003000, 3313004000, 3310001000

Types	3313003000	24V	(50W)
	3313004000	12V	(50W halogen)
	3313002000	12V	(30W)
	3310001000	12-24 V	(12W)

Lamp:	Built-in-sealed beam / LED
Ingress protection:	IP 68
Accessories:	Clamp holder Slip-on-holder

Construction: Injection moulded housing from caoutchouc material black elastic rubber.  
Arrangement to be provided for connection to the lifeboat and rescue boat power supply.

## Application/Limitation

None

## Type Examination documentation

List of Approval test reports	Document No. 7331300900	Index 00	dated 2017-08-14
List of Approval documents	Document No. 7331300800	Index 00	dated 2017-08-14

## Tests carried out

Applicable tests according to IEC 60945:2002 incl. Corr. 1:2008. and IMO Res. MSC.81(70), as amended.

## Marking of product

According to Article 10 of the Council Directive (MED) and including information required by the LSA  
Code § 1.2.2.9 and § 1.2.3

- Manufacturer name
- Type identification
- Serial number

END OF CERTIFICATE