

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate no.:
MEDB00007XN
Revision no.:
2

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 **Daylight signalling lamp**

with type designation(s)
HML- ISO LED

issued to

WISKA Hoppmann GmbH
Kaltenkirchen, Germany

is found to comply with the Implementing Regulation (EU) 2024/1975 for
Item no. **MED/4.52 (Row 1 of 1)**
according to the following requirements:

SOLAS 74 Reg. V/19, IMO Res. A.694(17), IMO Res. MSC.95(72), SOLAS 74 Reg. V/18, SOLAS 74 Reg. X/3, IMO Res. MSC.36(63)-(1994 HSC Code), IMO Res. MSC.97(73)-(2000 HSC Code)

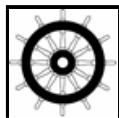
Further details of the equipment and conditions for certification are given overleaf.

Date of issue: **2025-05-27**

Expiry date: **2029-08-25**

DNV local unit:
Hamburg – CMC North/East

Approval Engineer:
Kai Möller



Notified Body
no.: **0098**

for **DNV SE**

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Christine Mydlak-Röder
Head of Notified Body

A U.S. Coast Guard approval number will be assigned to the equipment when the production module has been completed and will appear on the production module certificate (module D, E or F), as allowed by the Agreement between the European Community and the United States of America on Mutual Recognition of Certificates of Conformity for Marine Equipment, signed February 27th, 2004, and amended by Decision No 1/2023 dated May 26th, 2023.

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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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 USD 300 000.

Product description

The daylight signalling lamp comprises the following equipment mandatory for functioning:

- Daylight Signalling Lamp: HML-ISO LED
- Lamp (LED module): Triple Cluster LED, 5 W, 12- 24 V (DC)
- Battery: PowerPack HML-ISO 35 (UPS 12580)
- Battery Charger: HML-ISO 35 or HML-ISO

The searchlight's equipment category is "Portable" and has IP protection class IP56.

See equipment manual(s) for further details.

Application/Limitation

- Safe distance to magnetic compass and steering compass: 0.3m.
- Sufficient replacement lamps must be available on board for the day signalling searchlight.
- Only use batteries, LED modules and chargers from WISKA Hoppmann, as these are approved with the daylight signalling searchlight.
- After 10000 operating hours, the LED module must be replaced. The red LED on the searchlight flashes. This ensures that the remaining brightness is sufficient and complies with the provisions of MSC.95(72).
- In case of one or more defective LED spotlights, complete LED module "Triple Cluster LED" is to be replaced.
- Carrying one spare LED module "Triple Cluster LED" is seen by design to fulfil ISO25861:2007, chapter 4.11 "Back-up and fall-back arrangements" and MSC.95(72), chapter 8 "Back-up and fall-back arrangements".

Type Examination documentation

Tests carried out

- Environmental and EMC testing: IEC 60945 (2002) incl. Corrigendum 1 (2008)
- Performance testing: ISO 25861 (2007)

Marking of product

According to IEC 60945, Sect.4.9:

The product to be marked with following information, where practicable:

- Identification of the manufacturer,
- Equipment type number or model identification under which it was type tested,
- Serial number of the unit,
- Compass safe distance.

Alternatively, the marking may be presented on a display at equipment start-up, and in case of fixed equipment compass safe distance may be given in the equipment manual.