

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate No:
MEDB0000206
Revision No:
4

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)
Daylight Signalling Lamp HML-ISO-35

Issued to
WISKA Hoppmann GmbH
Kaltenkirchen, Germany

is found to comply with the requirements in the following Regulations/Standards:
Regulation (EU) 2020/1170,
item No. MED/4.52. SOLAS 74 as amended, Regulations V/18, V/19 & X/3, IMO Res. A.694(17), IMO Res. MSC.36(63), IMO Res. MSC.95(72), IMO Res. MSC.97(73)

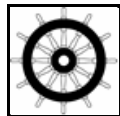
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2026-07-24**.

Issued at **Hamburg** on **2021-08-16**

DNV local station:
Hamburg – CMC North/East

Approval Engineer:
Uwe Supke



Notified Body
No.: **0098**

for DNV SE

Christine Mydlak-Roeder
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) 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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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

Daylight signalling lamp: HML-ISO-35
Lamp: Phillips Master Capsule 30W GY6.35 12V IR 1CT or
OSRAM 64261 HLX 30W 12V G
Portable battery: Power Pack HML-ISO 35
Battery charger: HML-ISO 35

Application/Limitation

None

Type Examination documentation

Test Reports:	BSH/4612/4522125/12	dated 24-10-2012
	024-12	dated 08-02-2012
	240-16	dated 05-10-2016
	20161020-2	dated 20-10-2016
	TR161115-015 Issue 1.0	dated 16-11-2016
	TR190129-001 Issue 1.0	dated 29-01-2019
	BSH Certificate No. 623	dated 28-10-2009
Drawings:	10102803-03	dated 05-10-2012
Operating Manual:	30100574007_HML-ISO_35A	Rev02122016

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.

According to Article 10 of the Council Directive (MED):

- Wheel mark to be affixed visibly, legibly and indelibly to the product or to its data plate and, where relevant, embedded in its software. Where that is not possible or not warranted on account of the nature of the product, it shall be affixed to the packaging and to the accompanying documents.
- Wheel mark to be affixed at the end of the production phase.

For specific products, manufacturers may use an appropriate and reliable form of electronic tag instead of, or in addition to, the wheel mark.

END OF CERTIFICATE