

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate no.:
MEDB0000BZT
Revision no.:
0

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 **Low-location lighting systems (components only)**

with type designation(s)
Luminescent Profiles "Infinity-Lite"

issued to

Happich GmbH
Wuppertal, Germany

is found to comply with the Implementing Regulation (EU) 2025/1533 for
Item no. **MED/3.40** (Row **2 of 2**)
according to the following requirements:

SOLAS 74 Reg. II-2/13, IMO Res. A.752(18), IMO Res. MSC.98(73)-(FSS Code) 11, IMO Res. MSC.98(73)-(FSS Code) 11

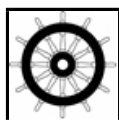
Further details of the equipment and conditions for certification are given overleaf.

Date of issue: **2026-02-16**

Expiry date: **2031-02-15**

DNV local unit:
Essen

Approval Engineer:
Timo Linn



Notified Body
no.: **0098**

for **DNV SE**

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Christine Mydlak-Röder
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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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 USD 300 000.

Product description

"Infinty-Lite" is a Photoluminescent Low Location Lighting System consisting of PETG Stripes and exit signs printed from rear side available with foam tape. Stripes will be fixed on aluminum profiles (Flat/Beveled).

Application/Limitation

Approved for use as low-location lighting system, escape route signs and fire equipment location marking.

Extent of arrangement, placing, width and luminance of the photoluminescent strips based on the ambient light are to be in accordance with IMO Res.A.752(18) or ISO 15370:2021 and is to be approved by the administration or competent authority in each case/project.

Photoluminescent strips having a width less than 75 mm shall only be used if the luminance is increased to compensate for the reduced width in accordance with Ch. 7.1 of IMO Res. A.752 (18) or Ch. 4.2.2 & Annex D of ISO 15370:2021.

Each product/system is to be supplied with its manual for installation, use and maintenance.

Type Examination documentation

Tests carried out

ISO 15370:2021 incl. ISO 15370:2021/Amd1: 2023 (luminescent PETG stripes and exit signs).

Marking of product

The product or packing is to be marked with name of manufacturer, type designation, the MED Mark of Conformity, Notified Body No. and year of manufacture.