

# EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate No:  
**MEDB00000HM**  
Revision No:  
**1**

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED), issued as "Forskrift om Skipsutstyr" by the Norwegian Maritime Authority. This Certificate is issued by DNV GL AS under the authority of the Government of Norway.

**This is to certify:**

**That the Low-Location Lighting Systems (components only)**

with type designation(s)  
**60202 RGB-M-F yellow-green**

Issued to  
**Fluor-Lux AS**  
**STRYN, Norway**

is found to comply with the requirements in the following Regulations/Standards:  
Regulation **(EU) 2020/1170**,  
**item No. MED/3.40. SOLAS 74 as amended, Regulation II-2/13, FSS Code 11, IMO Res.A.752(18) and ISO 15370:2010**

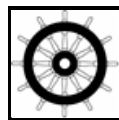
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2025-11-25**.

Issued at **Høvik** on **2020-11-26**

DNV GL local station:  
**Norway Newbuilding**

Approval Engineer:  
**Tessa Bieber**



Notified Body  
No.: **0575**

for **DNV GL AS**

**Roald Vårheim**  
**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 GL AS 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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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 GL AS, its parent companies and subsidiaries as well as their officers, directors and employees ("DNV GL") 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.



Job Id: **344.1-005060-2**  
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## Product description

"60202 RGB-M-F yellow-green": Photoluminescent rigid sheet with laminate 3105/215 and double sided tape. The product has a nominal thickness of 2 mm.

"60202 RGB-M-F yellow-green": Photoluminescent rigid sheet with laminate 3105/215 but without double sided tape. The product has a nominal thickness of 1.7 mm.

"60202 RGB-M-F yellow-green": Photoluminescent rigid sheet without laminate 3105/215 and double sided tape. The product has a nominal thickness of 1.5 mm.

## 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 15370:2010 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 15370:2010.

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

## Type Examination documentation

Test report No. 2P05600-2 dated 11 August 2020 from RISE, Borås, Sweden.

Test report No. 2P05600 dated 11 August 2020 from RISE, Borås, Sweden.

Test report No. 2P05600-1 dated 11 August 2020 from RISE, Borås, Sweden.

Test report No. 105105-2P00290-01 dated 6 October 2020 from RISE, Borås, Sweden.

Test report No. 105105-2P00290-02 dated 6 October 2020 from RISE, Borås, Sweden.

## Tests carried out

Tested according to ISO 15370:2010 and IEC 60092-101.

## Marking of product

The product is to be marked with name and address of manufacturer, type designation and the MED Mark of Conformity (see first page).