



Certificate no.:  
**TAE00004W7**

# TYPE APPROVAL CERTIFICATE

**This is to certify:**  
**that the Light Fitting**

with type designation(s)  
**LUMINELL RLX, SLX and BLX series**

issued to  
**Glamox AS**  
**Ålesund, Norway**

is found to comply with  
**DNV rules for classification – Ships, offshore units, and high speed and light craft**

## Application:

**Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV.**

<b>Vibration class</b>	<b>A</b>
<b>Degree of protection</b>	<b>IP 66/67</b>
<b>Temp. class</b>	<b>D</b>
<b>Voltage (V)</b>	<b>90-305 VAC, 9-36 VDC, 100-300VDC</b>
<b>Suitable for Hazardous areas</b>	<b>No</b>

Issued at **Høvik** on **2024-07-31**

This Certificate is valid until **2029-07-30**.

for **DNV**

DNV local unit: **Mid-North Norway CMC**

Approval Engineer: **Marcin Tobiasz**

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid. The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.

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.



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## Product description

RLX Floodlights: RLX B, RLX C, RLX D  
Rated voltage: 90-305 VAC, 9-36 VDC, 100-300VDC  
Rated power: 20 W – 240 W  
Frequency: 50/60 Hz  
Degree of protection: IP 66/67  
Suitable for open deck: Yes  
Ambient temperature: -40/55°C up to 55°C  
Material: housing made of anodized and powder coated aluminium alloy  
Light colour: Any light within 400 nm to 1000 nm

SLX Searchlights: SLX B, SLX C, SLX D  
Rated voltage: 90-305 VAC, 9-36 VDC, 100-300VDC  
Rated power: 40 W – 255 W  
Frequency: 50/60 Hz  
Degree of protection: IP 66/67  
Suitable for open deck: Yes  
Ambient temperature: -40°C up to 55°C  
Material: housing made of anodized and powder coated aluminium alloy  
Light colour: Any light within 400 nm to 1000 nm

BLX Bowlights: BLX C, BLX D  
Rated voltage: 90-305 VAC, 22-30 VDC, 100-300VDC  
Rated power: 40 W – 500 W  
Frequency: 50/60 Hz  
Degree of protection: IP 66/67  
Suitable for open deck: Yes  
Ambient temperature: -40°C up to 55°C  
Material: housing made of anodized and powder coated aluminium alloy  
Light colour: Any light within 400 nm to 1000 nm

## Place of production:

Glamox AS, Borgundfjordvegen 116, 6017 Ålesund, Norway  
Glamox NT Sp. z o.o., Jagiellońska 51, 32-410 Dobczyce, Poland  
GPV International A/S – Electronics, Lyngsøvej 8, 9600 Aars, Denmark

## Application/Limitation

Installation instruction of the manufacturer to be followed.

Location classes:

Temperature: D  
Humidity: B  
Vibration: A  
EMC: B  
Enclosure class: C

## Type Approval documentation

### Tests carried out

Applicable tests according to DNV Guideline DNV-CG-0339, Edition August 2021

### Marking of product

The products to be marked with:

- Manufacturer name
- Model name
- Serial number
- Power supply ratings
- Degree of protection

### Periodical assessment

The scope of the periodical assessment is to verify that the conditions stipulated for the Type approval are complied with and that no alterations are made to the product design or choice of materials.

The main elements of the assessment are:



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- Inspection on factory samples, selected at random from the production line (where practicable)
- Results from Routine Tests (RT) checked (if not available tests according to RT to be carried out)
- Review of type approval documentation
- Review of possible change in design, materials and performance
- Ensuring traceability between manufacturer's product type marking and Type Approval Certificate.

Assessment shall be performed at 2 and 3.5 year and at renewal.

END OF CERTIFICATE