

# EU Declaration of Conformity (DOC)

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**Manufacturer:** **Glamox Marine and Offshore GmbH**  
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 GERMANY

**Application:** **Luminaires for Ships, Offshore and Onshore**

**Product Name and Type:** **Watertight floodlight**

**Type No.:** **FL70**

The attachment of the CE Label is in conformity with:



|                                      |   |
|--------------------------------------|---|
| <i>EU Directive</i>                  | <b>2014/30/EU (EMC Directive)</b><br>Directive 2014/30/EU of the European Parliament and of the Council of 26 February 2014 on the harmonisation of the laws of the Member States relating to electromagnetic compatibility   |
| <i>harmonized European Standards</i> | <b>EN 55015:2013+A1:2015</b><br>Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment<br><b>EN 61000-4-2:2009</b><br><b>Electromagnetic compatibility (EMC) –</b><br>Part 4-2: Testing and measurement techniques –<br>Electrostatic discharge immunity test<br><b>EN 61000-4-4:2012</b><br><b>Electromagnetic compatibility (EMC) –</b><br>Part 4-4 : Testing and measurement techniques –<br>Electrical fast transient/burst immunity test<br><b>EN 61547:2009</b><br>Equipment for general lighting purposes – EMC immunity requirements |
| <i>EU Directive</i>                  | <b>2014/35/EU (Low Voltage Directive)</b><br>Directive 2014/35/EU of the European Parliament and of the Council of 26 February 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of electrical equipment designed for use within certain voltage limits   |
| <i>harmonized European Standards</i> | <b>EN 60529:1991 + A1:2000 + A2:2013</b><br>Degrees of protection provided by enclosures (IP Code)<br><b>EN 60598-1:2015</b><br>Luminaires – Part 1: General requirements and tests<br><b>EN 60598-2-1:1991</b><br>Luminaires; Part 2: Particular requirements; Section One – Fixed general purpose luminaires  |
| <i>EU Directive</i>                  | <b>2011/65/EU</b><br>Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment   |
| <i>harmonized European Standards</i> | <b>EN 62031:2008 + A1:2013 + A2:2015</b><br>LED modules for general lighting –<br>Safety specifications<br><b>EN 62384:2010</b><br>DC or AC supplied electronic control gear for LED modules –<br>Performance requirements<br><b>EN 61347-2-13:2014</b><br>Lamp controlgear –<br>Part 2-13: Particular requirements for d.c. or a.c. supplied electronic controlgear for LED modules  |

**Additional Standards:** **IEC 60092-306**  
**Electrical installations in ships**

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i.A. ....  
Hasso A. Schulz  
Head of Environmental Test Centre

*Place, Date:* Bremen, **02 September 2020**

*Note:*

This declaration of conformity loses the validity, if the product

- is modified, completed or changed in another way
- is operated with not authorized spare parts or accessories
- is installed and operated in an improperly manner

without express consent of Glamox Marine and Offshore GmbH