



Marine &amp; Offshore

Certificate number: 36246/C0 BV

File number: ACE 09/852/1

Product code: 2801H

*This certificate is not valid when presented without the full attached schedule composed of 7 sections*

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## TYPE APPROVAL CERTIFICATE

*This certificate is issued to*

**SEABRIGHT**

PIRAEUS - GREECE

*for the type of product*

**LIGHTING FITTINGS**

Poseidon Watertight Lights

### Requirements:

Bureau Veritas Rules for the Classification of Steel Ships and Offshore Units

IEC 60092-306 (2009)

IEC 60598-1 (2017)

IEC 60598-2-1 (1987)

IEC 61000-4-3 (2020)

EC Code : 41S

*This certificate is issued to attest that Bureau Veritas Marine & Offshore did undertake the relevant approval procedures for the product identified above which was found to comply with the relevant requirements mentioned above.*

**This certificate will expire on: 05 Jun 2029**

**For Bureau Veritas Marine & Offshore,**

At BV PIRAEUS, on 05 Jun 2024,

Spyros KONTOULIS

***This certificate was created electronically and is valid without signature***



This certificate remains valid until the date stated above, unless cancelled or revoked, provided the conditions indicated in the subsequent page(s) are complied with and the product remains satisfactory in service. This certificate will not be valid if the applicant makes any changes or modifications to the approved product, which have not been notified to, and agreed in writing with Bureau Veritas Marine & Offshore. Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be re-approved prior to it/they being placed on board vessels to which the amended regulations or standards apply. This certificate is issued within the scope of the General Conditions of Bureau Veritas Marine & Offshore available on the internet site [www.veristar.com](http://www.veristar.com). Any Person not a party to the contract pursuant to which this document is delivered may not assert a claim against Bureau Veritas Marine & Offshore for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in establishment or issuance of this document, and in connection with any activities for which it may provide.

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BV Mod. Ad.E 530 June 2017

This certificate consists of 3 page(s)

## **THE SCHEDULE OF APPROVAL**

### **1. PRODUCT DESCRIPTION:**

The **Poseidon Watertight Lights** series are lighting fittings for the installation in engine rooms, weather exposed areas cargo holds and store rooms of Steel Ships and Offshore Units.

#### **1.1 - Main characteristics:**

Operation Voltage : 110VAC or 230VAC  
 Degree of protection : IP 67  
 Operation range : -20°C to +45°C

#### **1.2 - Variants:**

<b>Types</b>	<b>Lamp rated power</b>	<b>Rated voltage</b>
POSEIDON 118-14	1x18W	AC: 110V/ 60Hz
POSEIDON 118-35	1x18W	AC: 230V/ 50-60Hz
POSEIDON 124-35	1x24W	AC: 230V/ 50-60Hz
POSEIDON 218-24	2x18W	AC: 110V/ 60Hz
POSEIDON 218-35	2x18W	AC: 230V/ 50-60Hz
POSEIDON 224-35	2x24W	AC: 230V/ 50-60Hz
POSEIDON 136-14	1x36W	AC: 110V/ 60Hz
POSEIDON 136-35	1x36W	AC: 230V/ 50-60Hz
POSEIDON 154-35	1x54W	AC: 230V/ 50-60Hz
POSEIDON 236-24	2x36W	AC: 110V/ 60Hz
POSEIDON 236-35	2x36W	AC: 230V/ 50-60Hz
POSEIDON 254-35	2x54W	AC: 230V/ 50-60Hz
POSEIDON LED-56-3	18W	AC: 220-240V, 50-60Hz
POSEIDON LED-56-4	18W	AC: 220-240V, 50-60Hz
POSEIDON LED-56-5	18W	AC: 220-240V, 50-60Hz
POSEIDON LED-56-6	18W	AC: 220-240V, 50-60Hz
POSEIDON LED-56-3-45	20W	AC: 220-240V, 50-60Hz
POSEIDON LED-56-4-45	20W	AC: 220-240V, 50-60Hz
POSEIDON LED-56-5-45	20W	AC: 220-240V, 50-60Hz
POSEIDON LED-56-6-45	20W	AC: 220-240V, 50-60Hz
POSEIDON LED-112-3	33W	AC: 220-240V, 50-60Hz
POSEIDON LED-112-4	33W	AC: 220-240V, 50-60Hz
POSEIDON LED-112-5	33W	AC: 220-240V, 50-60Hz
POSEIDON LED-112-6	33W	AC: 220-240V, 50-60Hz
POSEIDON LED-112-3-45	34W	AC: 220-240V, 50-60Hz
POSEIDON LED-112-4-45	34W	AC: 220-240V, 50-60Hz
POSEIDON LED-112-5-45	34W	AC: 220-240V, 50-60Hz
POSEIDON LED-112-6-45	34W	AC: 220-240V, 50-60Hz

### **2. DOCUMENTS AND DRAWINGS:**

- installation manual\_poseidon 2x18-24, Ref. 018322, Rev.1.
- installation manual\_poseidon 1x18-24, Ref. 018323, Rev.1.
- installation manual\_poseidon 1x36-24, Ref. 018326, Rev.1.
- installation manual\_poseidon 2x36 emergency, Ref. 018325, Rev.1.
- installation manual\_poseidon 2x36-24, Ref. 018327, Rev.1.
- installation manual\_poseidon 2x18 emergency, Ref. 018324, Rev.1.

#### **For modification B1 version:**

- Poseidon Led-56-x-45 Instruction manual, No. 191126 Rev. 1.
- Poseidon Led-56-x Instruction manual, No. 191127 Rev. 1.
- Poseidon Led-112-x-45 Instruction manual, No. 191128 Rev. 2.
- Poseidon Led-112-x Instruction manual, No. 191129 Rev. 2.
- Drawings of Poseidon Led-56-x, Led-56-x-45, Led-112-x and Led-112-x-45, dated 17-09-2017.

### **3. TEST REPORTS:**

#### **HEEQAC S.A.:**

- Test Report No.:503869-E, dated May 13, 2013.
- Test Report No.:503870-E, dated July 15, 2013.

- Test Report No.:503869-1-E, dated May 13, 2013.
- Test Report No.:503870-1-E, dated July 15, 2013.
- Test Report No.:504442-1-E, dated February 13, 2019.
- Test Report No.:504442-2-E, dated February 13, 2019.

**For modification B1 version:****HEEQAC S.A.:**

- Test Report No.:504452-E, dated October 18, 2019.

**For modification C1 version:**

- Test Report No.:10131, dated April 18, 2024.
- Test Report No.:10132, dated April 18, 2024.

**LABOR S.A.:**

- Test Report No.:1733.005.3.01, dated April 26, 2024.
- Test Report No.:1733.005.3.02, dated April 26, 2024.

**4. APPLICATION/LIMITATION:**

- 4.1 - Bureau Veritas Rules and Regulations for the Classification of Steel Ships and Offshore Units.
- 4.2 - Bureau Veritas Environmental Category, **EC Code: 41S**
- 4.3 - Equipment covered by this Type Approval certificate has been tested according to requirements of IACS UR E10 rev 8.

**5. PRODUCTION SURVEY REQUIREMENTS:**

- 5.1 - The LIGHTING FITTINGS are to be supplied by **SEABRIGHT** in compliance with the type described in this certificate.
- 5.2 - This type of product is within the category HBV of Bureau Veritas Rule Note NR320 and as such does not require a BV product certificate.
- 5.3 - **SEABRIGHT** has to make the necessary arrangements to have its works recognised by Bureau Veritas in compliance with the requirements of NR320 for HBV products.
- 5.4 - For information, **SEABRIGHT** has declared to Bureau Veritas the following production site:

**SEABRIGHT**  
**51, VASILIKON & IMITTOU STR.**  
**18540 PIRAEUS**  
**GREECE**

**6. MARKING OF PRODUCT:**

- Maker's name or trade mark.
- Equipment type or model identification.
- Date of manufacture and/or serial number.

**7. OTHERS:**

- 7.1 - It is **SEABRIGHT**'s responsibility to inform shipbuilders or their sub-contractors of the proper methods of fitting, use and general maintenance of the approved equipment and the conditions of this approval.
- 7.2 - This certificate supersedes the Type Approval Certificate N° 36246/B0 BV issued on 06 Mar 2019 by the Society.

\*\*\* END OF CERTIFICATE \*\*\*