



Marine & Offshore

Certificate number: 71773/A1 BV

File number: MPA2201943

Product code: 2805H

*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*

**OLYMPIA ELECTRONICS**

Aiginio - GREECE

*for the type of product*

**EMERGENCY SELF CONTAINED UNIT LIGHTS**

Emergency Luminaries

OLY-1004/WP/110V/MAR & OLY-1004/WP/230V/MAR

**Requirements:**

Bureau Veritas Rules for the Classification of Steel Ships

EN 60598-1, EN 60598-2-22

IEC 60533, IEC 60092-306

EC Code : 21B

*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: 26 Jun 2028**

**For Bureau Veritas Marine & Offshore,**

At BV PIRAEUS, on 08 Aug 2023,

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. 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.

The electronic version is available at: <http://www.veristarm.com/veristarnb/jsp/viewPublicPdfTypepec.jsp?id=qsspk8o1wh>

BV Mod. Ad.E 530 June 2017

This certificate consists of 3 page(s)

## THE SCHEDULE OF APPROVAL

### 1. PRODUCT DESCRIPTION :

Emergency Luminaries for marine application

**Model Type :** OLY-1004/WP/110/MAR and OLY-1004/WP/230/MAR

**Description:**

	<b>OLY-1004/WP/230V/MAR</b>	<b>OLY-1004/WP/110V/MAR</b>
<b>Operating Voltage</b>	220-240 VAC / 50-60 Hz	110-130 VAC / 50-60 Hz
<b>Maximum Power Consumption</b>	5.2 W/ 5.6 VA	5.5 W/ 6VA
<b>Supply Current</b>	25 mA	53 mA
<b>Degree of Protection</b>	IP65	

### 2. DOCUMENTS AND DRAWINGS :

- User Manual , No. 923100418\_09\_005
- Diagram OLY-1004/WP/110/MAR, dated 03 May 2022
- Daigram OLY-1004/WP/230/MAR, dated 03 May 2022

### 3. TEST REPORTS :

- Environmental and EMC Test Report No. P21-0081, dated 2022-04-26.
- Test Report No. 0.125.016.3.01, dated 04/12/2020
- Test Report No. 504653, dated 020/09/2022
- Test Report No. 504664-1, dated 30/03/2023

### 4. APPLICATION / LIMITATION :

- 4.1 - BUREAU VERITAS Rules for the Classification of Steel Ships.
- 4.2 - Approval also valid for ships to be granted with the notations: **AUT-UMS, AUT-CCS, AUT-PORT and AUT-IMS.**
- 4.3 - BUREAU VERITAS Environmental Category, **EC Code: 21B**
- 4.4 - The equipment fulfils the EMC requirements for installation in Bridge and Deck Zone.
- 4.5 - Equipment covered by this Type Approval certificate has been tested according to requirements of IACS UR E10 rev8.

### 5. PRODUCTION SURVEY REQUIREMENTS :

- 5.1 - The above type of products are to be supplied by **Olympia Electronics** 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 - **Olympia Electronics** 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 - **Olympia Electronics** has declared to Bureau Veritas the following production site:

**Olympia Electronics**  
**72 Km Old National Road Thessaloniki Katerini**  
**P.O.Box 06**  
**60300 Aiginio**  
**GREECE**

### 6. MARKING OF PRODUCT :

- Trade name.
- Date of manufacture and serial number.
- Equipment type number or model identification under which it was type-tested.
- Ex Marking, as relevant

### 7. OTHERS :

- 7.1 - It is **Olympia Electronics'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° 71773/A0 BV issued on 26 June 2023 by the Society

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