THE CURRENT IS ONLY VALID AS A DIGITALLY SIGNED ELECTRONIC DOCUMENT

CERTIFICATE

EC TYPE- EXAMINATION (MODULE B) ACCORDING TO THE DIRECTIVE 2014/90/EU

Certificate No: ME-C-0325/B/2/24

Notification No of the Certification Body: 0437

Date of issue: 30.12.2022
Date of Revision: 04.07.2024

Test Report No: ME-R-0325/B/2/24

Name and Address of the Manufacturer:	**Marine Otomasyon Sistemleri Limited Şirketi** **Evliya Çelebi Mah. Rauf Orbay Cad. Ak İş Merkezi No.41/B Tuzla İstanbul**
Name and Address of the Authorised Representative:	**Moonday Yacht B.V.** **8351XE, Lemmer The Netherlands**
Product Type:	**MOSNL50D- MOSNL50S- MOSNL50U-MOSNL50UD NLC-10M (Panel)**
Item No:	**MED/6.1, Navigation Lights**
Regulations & Standards:	**2014/90 EU, (EU) 2023/1667, COLREG 72 Annex I/14, EN 14744:2005 incl. AC:2006, EN 60945:2002 incl. IEC 60945 Corr. 1:2008**
Expiry Date of the Certificate:	**29.12.2027**

DECLARATION

MIRTEC S.A. certifies that the type mentioned above satisfies the provisions of the Directive 2014/90/EU.
For the conformity assessment to be complete, the marine equipment must be subjected to an additional procedure, as laid down in Annex B of the Directive (Modules D, E or F).
The applicant must inform the notified body of all modifications to the approved marine equipment
ANNEX: *List of relevant parts of technical documentation*

ΕΣΥΔ
Product Certification Cert. No 27

For MIRTEC S.A.

Digitally signed by
Athanasios Stamou
Director

EBETAM·MIRTEC·EBETAM·MIRTEC·
0437
Notified Body

For the Evaluation Dpt.

Digitally signed by
Kleomenis Papadopoulos
Mechanical Engineer

Έδρα: Α' Βιομηχανική Περιοχή, Τ.Θ. 13, 385 00 Βόλος / **Head Office:** A' Industrial Area, P.O. Box 13, GR 385 00 Volos / Tel.: +30 2421 313500, Fax: +30 24210 95364, E-mail: volos.office@mirtec.gr
www.mirtec.gr

Annex to

Marine Equipment Directive Module B

Type Examination Certificate Nr: ME-C-0325/B/2/24

DESCRIPTION OF PRODUCT: **MED/6.1 Navigation Lights**

MODEL: **MOSNL50D- MOSNL50S- MOSNL50U-MOSNL50UD NLC-10M (Panel)**

MANUFACTURER: **Marine Otomasyon Sistemleri Limited Şirketi**

ADDRESS **Evliya Çelebi Mah. Rauf Orbay Cad. Ak İş Merkezi No.41/B Tuzla İstanbul**

Name and Address of the Authorised Representative: **Moonday Yacht B.V. 8351XE, Lemmer The Netherlands**

RELEVANT DOCUMENTATION

Technical File (MOS-001)

Drawing Numbers:

MOSNL50D	MOSNL50S	MOSNL50U	MOSNL50UD
DWG 310160	DWG 310130	DWG310100	DWG 310182
DWG 310162	DWG 310132	DWG310102	DWG 310184
DWG 310163	DWG 310133	DWG310103	DWG 310186
DWG 310164	DWG 310134	DWG310104	DWG 310188
DWG 310165	DWG 310135	DWG310105	DWG 310190
DWG 310166	DWG 310136	DWG310106	DWG 310192
DWG 310168	DWG 310138	DWG310108	DWG 310194
DWG 310172	DWG 310142	DWG310109	DWG 310196
DWG 310173	DWG 310143	DWG310112	DWG 310198
DWG 310174	DWG 310144	DWG310114	DWG 310200
DWG 310176	DWG 310146	DWG310116	DWG 310202
DWG 310180	DWG 310150	DWG310120	DWG 310204
			DWG 310206
			DWG 310208

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Declaration of Conformity:

MOSNL50D	MOSNL50S	MOSNL50U	MOSNL50UD
DC03-2022	DC02-2022	DC01-2022	DC04-2022

Carriage and performance requirements for the manufacturer:
COLREG 72 Annex I/14, IMO Res. A.694(17), IMO Res. MSC.253(83).

Test Standards:
EN 14744:2005 incl. AC:2006, IEC 60945:2002 incl. IEC 60945 Corr. 1:2008.

TEST REPORT(S)

Issued by: Ptc Ürün Test Ve Belgelendirme Sanayi Ticaret Limited Şirketi
Accredited Laboratory No: AB-1374-T

CERT-med (EN05) - Testing Laboratory Evaluation Criteria

	MOSNL50D	MOSNL50S	MOSNL50U/ MOSNL50UD
	Report No:		
Port Light	171801-2446-1	171801-2446-13	171801-2446-25
Stbd Light	171801-2446-2	171801-2446-14	171801-2446-26
Stern Light	171801-2446-3	171801-2446-15	171801-2446-27
Stern Suez Red Light	171801-2446-4	171801-2446-16	171801-2446-28
Stern Kiel Canal Green Light	171801-2446-5	171801-2446-17	171801-2446-29
Towing Yellow light	171801-2446-6	171801-2446-18	171801-2446-30
Masthead 6NM Light	171801-2446-7	171801-2446-19	171801-2446-31
All- Round White Light	171801-2446-8	171801-2446-20	171801-2446-32
All- Round Red Light	171801-2446-9	171801-2446-21	171801-2446-33
All-Round Green Light	171801-2446-10	171801-2446-22	171801-2446-34
All-Round Yellow Light	171801-2446-11	171801-2446-23	171801-2446-35
Anchor Manoeuvre Light	171801-2446-12	171801-2446-24	171801-2446-36

Issued by: Standard Test ve Kontrol Hizmetleri A.S.
Accredited Laboratory No: AB-1587-T

CERT-med (EN05) - Testing Laboratory Evaluation Criteria

Report No: ÇEV-139/12-22, ÇEV-140/12-22, ÇEV-141/12-22, ÇEV-147/08-23

Issued by: Ocean Voyager Test Laboratory

Compass Safety Distance Test

CERT-med (EN05) - Testing Laboratory Evaluation Criteria

Report No: CSD-008-23

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Application/ Limitation

-Each product shall be tested according to current standards by the manufacturer and documented. Test results must be shown on DOC as an attachment each time

-Designed changes shall be informed to notify body immediately.

-Each product shall have serial number and shall be indicated on label

-Wheel Mark sign shall be shown on the label with 0437 (Notify body Number) and Manufacturer year for every product.

CONDITIONS OF CERTIFICATION

1. The product shall be marked and identified as required by the applicable directive and standards.
2. For the conformity assessment to be complete, the marine equipment must be subjected to an additional procedure, as laid down in Annex B of the directive (Modules D,E or F).
3. If the standards applied for the certification of the product according to Marine Equipment Directive are amended during the validity of this certificate, the product shall be re-approved according to the amended standards.
4. The manufacturer shall take all measures necessary so that the manufacturing process and its monitoring ensure conformity of the manufactured products with the approved type described in the EC type-examination certificate and applicable standards.

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