



Lloyd's
Register


Type Approval Certificate

This is to certify that the undernoted product have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

This certificate is issued to:

PRODUCER	Olympia Electronics - N.D.LAKASAS – P.N.ARVANITIDIS S.A 72 nd km Thessaloniki – Katerini National Road 60061 Kolindros- Greece
PLACE OF PRODUCTION	72 nd km Thessaloniki – Katerini National Road 60061 Kolindros- Greece
DESCRIPTION	Maintained self-contained emergency illuminated safety signs
TYPE	See table A below
APPLICATION/ LIMITATION	Marine and offshore applications for use in environmental category ENV2 as defined in Lloyd's Register's Type Approval System, Test Specification Number 1- February 2015.
STANDARD	Manufactured and Tested in accordance with the following Standards: IEC 60092-306 Ed. 4.0 (2009-11), IEC 60533: 1999, EN 60598-1:2008 +A11: 2009, IEC 60598-1:2008, EN 60598-2-22:1998 +A1:2002 +A2: 2008 +Cor.:
Certificate No.	15/00041
Issue Date	11 May 2015
Expiry Date	10 May 2020
Sheet	1 of 2

*Lloyd's Register EMEA
Southampton Boldrewood Innovation Campus, Burgess Road, Southampton, SO16 7QF*


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STANDARD (cont.)

2005 & 2007, IEC 60598-2-22:1997 +A2:2008, EN 60068-2-30:2005 (IEC 60068-2-30:2005), EN 60598-2-22: 1998 +A2:2008, EN 60598-2-22: 1998+A2:2008, EN 55015:2013, (CISPR 15:2013+ IS1:2013+ IS2:2013), EN 61547: 2009 (IEC 61547:2009), EN 61000-3-2:2014 (IEC 61000-3-2:2014), EN 61000-3-3:2013 (IEC 61000-3-3:2013)

RATINGS


TABLE A: Technical characteristics of Maintained self-contained emergency illuminated safety signs as follows:

A/A	Model	Main Supply	Duration (min)	Battery	IP rating
1	MLD-28D/w/MAR	220-240V AC/50-60Hz	180	3.6V/1Ah	IP40
2	MLD-34D/w/MAR	220-240V AC/50-60Hz	180	3.6V/1Ah	IP40
3	ZLD-28/EM/MAR	220-240V AC/50-60Hz	180	3.6V/1.5Ah	IP40
4	ZLD-34/EM/MAR	220-240V AC/50-60Hz	180	3.6V/1.5Ah	IP40
5	ZLD-44/EM/MAR	220-240V AC/50-60Hz	180	3.6V/1.5Ah	IP40

"This Certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid certificate."

The Design Appraisal Document No. 15/00041 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

Certificate No. 15/00041
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Sheet 2 of 2

MTES Southampton Office

 Lloyd's Register EMEA



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