



EC TYPE EXAMINATION (MODULE B) CERTIFICATE

This is to certify that:

BSH-Cert, specified as a "notified body" under the terms of „Schiffssicherheitsgesetz“ of 09 September 1998 (BGBl. I, p. 2860) modified last 23 January 2014 (BGBl. I, p. 78), did undertake the relevant type approval procedures for the equipment identified below which was found to be in compliance with the Navigation requirements of Marine Equipment Directive (MED) 96/98/EC and the last modification by Directive 2013/52/EU.

Manufacturer **K2W Lights KG**
Address **Mozartstraße 3, 07607 Eisenberg, GERMANY**

Applicant **K2W Lights KG**
Address **Mozartstraße 3, 07607 Eisenberg, GERMANY**

Annex A.1 Item (No & item designation) **6.1 Navigation lights**

Product Name **Serie S 64**

Trade Name(s) **---**

Specified Standard(s)

Regulation COLREG.72, Annex I/14	EN.14744, 2005 incl Corr. 2006
IMO Resolution A.694(17)	IEC 60945 Ed.4:0, 2002 incl. Corr. 1,2008
IMO Resolution MSC.253(83)	

Based on the Directive 2012/32/EU, additional applied version: Directive 2013/52/EU
This certificate remains valid unless cancelled, expired or revoked.

Date of issue: **23 July 2013**

Issued by: **BSH-Cert**

Expiry date: **22 July 2018**

Bernhard-Nocht-Str. 78, 20359 Hamburg, Germany
Notified body 0735

Certificate No.: **4581/001/6012647/14**

This certificate consists of 2 pages.



Kai-Jens Schulz-Reifer



Navigation lights of the Serie S 64:

1.	Port light, red, 112,5°	2 nm ²	16.	All-round light, white, anchor light, 360°	3 nm
2.	Port light, red, 112,5°	3 nm	17.	All-round light, red, 360°	2 nm ²
3.	Starboard light, green, 112,5°	2 nm ²	18.	All-round light, red, 360°	3 nm
4.	Starboard light, green, 112,5°	3 nm	19.	All-round light, green, 360°	2 nm ²
5.	Stern light, white, 135°	2 nm ²	20.	All-round light, green, 360°	3 nm
6.	Stern light, white, 135°	3 nm	21.	All-round light, yellow, 360°	2 nm ²
7.	Stern light, yellow, 135°	2 nm ²	22.	All-round light, yellow, 360°	3 nm
8.	Stern light, yellow, 135°	3 nm	23.	Double* All-round light, white, 360°	3 nm
9.	Masthead light, white, 225°	3 nm ¹	24.	Double* Port light, red, 112,5°	3 nm
10.	Masthead light, white, 225°	5 nm ²	25.	Double* Stern light, red, 112,5°	3 nm
11.	Masthead light, white, 225°	6 nm	26.	Anchor* manoeuvre light, 360°	5 nm
12.	Bicolour Sidelight, red/green, 225°	2 nm ¹	27.	Double* Starboard light, green, 112,5°	3 nm
13.	Tricolour light, red/white/green, 112,5°/135°/112,5°	2 nm ¹	28.	Double* Stern light, white, 135°	3 nm
14.	Combined Tricolour red/white/green, 112,5°/135°/112,5° and anchor light, white, 360°	2 nm ¹	29.	Double* Masthead light, white, 225°	6 nm
15.	All-round light, white, anchor light, 360°	2 nm ²			

¹ Electric navigation lights on vessels of less than 20m length

² Electric navigation lights on vessels of less than 50m length

Approval Documentation:

Test Report No.: BSH/4543/001/6012685/13

Test Report No.: BSH/46162/0141926/11

Test Report No.: BSH/4615/6011300/09

Places of production:

Limitations on the acceptance or use of the product:

Electric navigation lights according to COLREG with the above ranges of visibility suitable for 12 V and 24 V operation, except the * marked Double and Anchor lights, which are only designed for 24V operation.

Notes:

The manufacturer shall inform BSH-Cert, as the notified body, of any modifications to the type-tested product(s) that may affect compliance with the requirements or conditions laid down for use of the product(s).

In case the specified regulations or standards are amended during the validity of this certificate, the product(s) must be re-certified before being placed on board vessels to which such amended regulations or standards apply.

The Mark of Conformity (wheelmark) may only be affixed to the type approved equipment, and a Manufacturer's Declaration of Conformity may only be issued, if the product quality system fully complies with the Marine Equipment Directive and is certified by a notified body against ANNEX B module D, E, or F of the Directive.

Notice on legal remedies available:

Objection to this document may be filed within one month after notification. The objection must be filed in writing to, or put on record at, Federal Maritime and Hydrographic Agency, Bernhard-Nocht-Str. 78, 20359 Hamburg, Germany



Bundesrepublik Deutschland

Federal Republic of Germany

BSH-Cert

Benannte Stelle – Navigations- und Funkausrüstung
beim Bundesamt für Seeschifffahrt und Hydrographie
Notified Body – Navigation and Radiocommunication Equipment
at the Federal Maritime and Hydrographic Agency



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SUPPLEMENT TO EC TYPE EXAMINATION (MODULE B) CERTIFICATE

No.: 4581/001/6012647/14

Issued with process no.: 2715/15

Navigation lights of the Serie S 64:

1.	Signal light, white, 180°	3 nm	6.	Signal light, white, 180° Double with main and spare light	3 nm
2.	Signal light, red, 180°	3 nm	7.	Signal light, red, 180° Double with main and spare light	3 nm
3.	Signal light, green, 180°	3 nm	8.	Signal light, green, 180° Double with main and spare light	3 nm
4.	Signal light, yellow, 180°	3 nm	9.	Signal light, yellow, 180° Double with main and spare light	3 nm
5.	All-round light, white, flash, 360°	3 nm	10.	Stern light, yellow, 135° Double with main and spare light	3 nm

Approval Documentation:

Test Report No.: BSH/4543/001/6012846/15

Date of issue: 06 February 2015

Issued by: BSH-Cert
Bernhard-Nocht-Str. 78, 20359 Hamburg, Germany
Notified body 0735



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Benannte Stelle – Navigations- und Funkausrüstung
beim Bundesamt für Seeschifffahrt und Hydrographie
Notified Body – Navigation and Radiocommunication Equipment
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SUPPLEMENT TO
EC TYPE EXAMINATION (MODULE B) CERTIFICATE

No.: 4581/001/6012647/14

Issued with process no.: 2788/15

Navigation lights of the Serie S 64:

1.	Signal light, white, 180°	2 nm
2.	Signal light, red, 180°	2 nm
3.	Signal light, green, 180°	2 nm
4.	Signal light, yellow, 180°	2 nm

Date of issue: **17. December 2015**

Issued by:

BSH-Cert

Bernhard-Nocht-Str. 78, 20359 Hamburg, Germany

Notified body 0735



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