



TYPE APPROVAL CERTIFICATE

N. ELE85815CS001

This is to certify that the product below is found to be in compliance with the applicable requirements of the RINA type approval system.

Description	Navigation Lights
Type	STELLA POLARE Series POLE 360 Series
Applicant	TREM Srl Via Friuli, 5 40060 Osteria Grande (Bologna) Italy
Manufacturer	TREM Srl Via Friuli, 5 40060 Osteria Grande (Bologna) Italy
Testing Standards	Convention on the International Regulation for Preventing Collision at Sea. (COLREG 1972) - Ref. to Italian Law 27 th December 1977 n. 1085

Issued in **Genova** on **March 12, 2015**

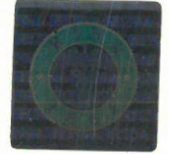
This certificate is valid until **May 03 2020**

RINA Services S.p.A.

Valerio Bonanni

Genova, March 12, 2015

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TYPE APPROVAL CERTIFICATE

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Navigation lights Series STELLA POLARE:

Navigation lights for pleasure boats having length $L < 12$ meters

- Rated voltage: 12-24 Vdc
- Rated power: 10 W

Port Side Light: L 56 80 530 ; L 56 74 530 ; L 56 79 530

Starboard Side Light: L 56 80 550 ; L 56 74 550 ; L 56 79 550

Masthead Light: L 56 80 560 ; L 56 74 560 ; L 56 79 560

Bi-Colour Light: L 56 80 610 ; L 56 74 610 ; L 56 79 610

Navigation lights for pleasure boats having length $L < 20$ meters

- Rated voltage: 12-24 Vdc
- Rated power: 10 W

Stern Light:

L 56 80 580 ; L 56 74 580 ; L 56 79 580 ; L 57 80 580 ; L 57 74 580 ;

L 57 79 580 ; L 60 80 580 ; L 60 74 580 ; L 60 79 580.

Navigation lights for pleasure boats having length $L < 20$ meters

- Rated voltage: 12-24 Vdc
- Rated power: 15 W

Port side Light:

L 57 80 530 ; L 57 74 530 ; L 57 79 530 ; L 60 80 530 ; L 60 74 530 ; L 60 79 530.

Navigation lights for pleasure boats having length $L < 20$ meters

- Rated voltage: 12-24 Vdc
- Rated power: 15 W

Masthead Light:

L 57 80 560 ; L 57 74 560 ; L 57 79 560 ; L 60 80 560 ; L 60 74 560 ; L 60 79 560.

Navigation lights for pleasure boats having length $L < 20$ meters

- Rated voltage: 12-24 Vdc
- Rated power: 15 W

Starboard Light:

L 57 80 550 ; L 57 74 550 ; L 57 79 550 ; L 60 80 550 ; L 60 74 550 ; 60 79 550.

Navigation lights for pleasure boats having length $L < 20$ meters

- Rated voltage: 12-24 Vdc
- Rated power: 15 W

Bi-colour light:

L 57 80 610 ; L 57 74 610 ; L 57 79 610 ; L 60 80 610 ; L 60 74 610 ; L 60 79 610

Genova, March 12, 2015

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TYPE APPROVAL CERTIFICATE

N. ELE85815CS001

Navigation Lights Series POLE 360

Navigation lights for pleasure boats having length $L < 20$ meters

- Rated voltage 12-24 Vdc
- Rated power 10 W

All round white:

L 380 15 30 ; L 380 74 360 ; L 380 12 30 ; L 380 16 10 ; L 380 13 60 ; L 410 13 60 ; L 410 12 30 ;
L 410 16 10 ; L 410 15 30 ; L 417 43 60 ; L 392 43 60 ; L 412 43 60 ; L 422 43 60.

Navigation lights for pleasure boats having length $L < 20$ meters

- Rated voltage 12-24 Vdc
- Rated power 10 W

All round red:

L 392 40 82 ; L 412 40 82 ; L 422 40 82

Reference documents.

TREM Technical specification stamped by RINA on 19 April 2001.

TREM Technical specification stamped by RINA on 06 May 2005.

LCIE Docs. n. 9197 010 (02 March 2000)

IMANNA docs. n. 15326-1 (08 March 2001), 15237-1(18 January 2001), 15341-1 (13 March 2001),
16518-11 (14 July 2004), 16518-12 (14 July 2004), 16518-25 (28 January 2005), 16518-9 (14 July 2004)
16518-6 (14 July 2004), 16518-5 (14 July 2004), 16518-8 (14 July 2004)

ISTITUTO GIORDANO docs. n. 146860 (09 April 2001) , 192605 (31 January 2005), 194377 (22 March 2005)

Remarks

Navigation lights to be used and installed in accordance with COLREG Requirements and Manufacturer instructions.

Genova, March 12, 2015

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