



**TYPE APPROVAL CERTIFICATE**  
No. **ELE009722CS**

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

<i>Description</i>	<b>NAVIGATION LIGHTS</b>
<i>Type</i>	<b>SPHERA SERIES</b>
	<b>1140xxx</b>
<i>Applicant</i>	<b>OSCULATI S.p.A. - OSCULATI Srl</b>
	<b>VIA PACINOTTI, 12</b>
	<b>20090 Segrate (MI)</b>
	<b>ITALY</b>
<i>Manufacturer</i>	<b>OSCULATI S.r.l.</b>
<i>Place of manufacture</i>	<b>VIA MASOLINO DA PANICALE 6</b>
	<b>20155 Milano (MI)</b>
	<b>ITALY</b>
<i>Reference standards</i>	<b>Convention on the International Regulations for Preventing Collisions at Sea, 1972; Rules for the Classification of Ships - Part C - Machinery, Systems and Fire Protection; Ch. 3; Sec. 6, Table 1</b>

*Issued in* **Genoa** on **February 17, 2022**. *This Certificate is valid until* **February 16, 2027**

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**RINA Services S.p.A.**  
**Luigi Benedetti**

This certificate consists of this page and 1 enclosure

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**SPHERA SERIES****1140xxx****Product description & rating**

Type	Model	Colour	Lamp	Lens	Body	Visibility
Port Side	1140601	Red	12V-10W	plexiglass 8N	AISI 316	112.5 degrees/1 mile
Starboard Side	1140602	Green	12V-10W	plexiglass 8N	AISI 316	112.5 degrees/1 mile
Masthead	1140603	White	12V-8 W	plexiglass 8N	AISI 316	225 degrees/2 miles
Stern	1140604	White	12V-8 W	plexiglass 8N	AISI 316	135 degrees/2 miles
Port Side	1140701	Red	12V-10W	plexiglass 8N	AISI 316	112.5 degrees/1 mile
Starboard Side	1140702	Green	12V-10W	plexiglass 8N	AISI 316	112.5 degrees/1 mile
Masthead	1140703	White	12V-10W	plexiglass 8N	AISI 316	225 degrees/2 miles
Stern	1140704	White	12V-10W	plexiglass 8N	AISI 316	135 degrees/2 miles
Port Side	1140801	Red	12V-10W	plexiglass 8N	ABS B	112.5 degrees/1 mile
Starboard Side	1140802	Green	12V-10W	plexiglass 8N	ABS B	112.5 degrees/1 mile
Masthead	1140803	White	12V-10W	plexiglass 8N	ABS B	225 degrees/2 miles
Stern	1140804	White	12V-10W	plexiglass 8N	ABS B	135 degrees/2 miles
Port Side	1140811	Red	12V-10W	plexiglass 8N	ABS W	112.5 degrees/1 mile
Starboard Side	1140812	Green	12V-10W	plexiglass 8N	ABS W	112.5 degrees/1 mile
Masthead	1140813	White	12V-10W	plexiglass 8N	ABS W	225 degrees/2 miles
Stern	1140814	White	12V-10W	plexiglass 8N	ABS W	135 degrees/2 miles
Port Side	1140861	Red	12V-10W	plexiglass 8N	ABS G	112.5 degrees/1 mile
Starboard Side	1140862	Green	12V-10W	plexiglass 8N	ABS G	112.5 degrees/1 mile
Masthead	1140863	White	12V-10W	plexiglass 8N	ABS G	225 degrees/2 miles
Stern	1140864	White	12V-10W	plexiglass 8N	ABS G	135 degrees/2 miles

B=Black; W=White; G=Grey

Max supply voltage variation allowed  $\pm 10\%$ **Reference documents:**

Type Approval Certificate N. ELE253816CS001 dated 11 Aug 2016

**Remarks:**

Navigation lights are considered suitable for installation onboard recreational craft of less than 12 meters length

This certificate replaces Certificate N. ELE253816CS001

The installation on board is to be carried out in accordance with Manufacturer's instructions

**Genoa February 17, 2022**