



TYPE APPROVAL CERTIFICATE

N. ELE106620CS/001

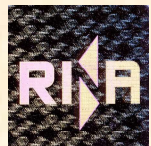
This is to certify that the product below is found to be in compliance with the applicable requirements of the RINA Type Approval system.

Description	Navigation lights
Type	Utility Compact
Applicant	Osculati Srl Via Masolino da Panicale, 6 20155 Milano (MI) Italy
Manufacturer	Osculati Srl Via Pacinotti, 12 20090 Segrate (MI) Italy
Testing Standards	Convention on the International Regulation for Preventing Collision at Sea. (COLREG 1972) - Ref. to Italian Law 27th December 1977 n. 1085

Issued in **Genova** on **Nov 16, 2022**

This certificate is valid until **May 11, 2025**

RINA Services S.p.A.



Luigi Benedetti

This document is digitally signed



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N. ELE106620CS/001

Utility Compact for recreational craft with length less than 12 meters _ Vertical mounting

Light Type	Model	Lens Color	Lens Material	Bulb Lamp Supply	Horizon Arc	Visibility	Protection (IP)	Cover Material
Port Light	11.412.01	Red	PMMA	12V –5W	112.5°	1 NM	IP 56	PC Black
Port Light	11.412.11	Red	PMMA	12V –5W	112.5°	1 NM	IP 56	PC White
Starboard Light	11.412.02	Green	PMMA	12V –5W	112.5°	1 NM	IP 56	PC Black
Starboard Light	11.412.12	Green	PMMA	12V –5W	112.5°	1 NM	IP 56	PC White
Masthead Light	11.412.03	White	PMMA	12V –5W	225°	2 NM	IP 56	PC Black
Masthead Light	11.412.13	White	PMMA	12V –5W	225°	2 NM	IP 56	PC White
Stern Light	11.412.04	White	PMMA	12V –5W	135°	2 NM	IP 56	PC Black
Stern Light	11.412.14	White	PMMA	12V –5W	135°	2 NM	IP 56	PC White
Port + Starboard	11.412.05	R+G	PMMA	12V –5W	2x112.5°	1 NM	IP 56	PC Black
Port + Starboard	11.412.15	R+G	PMMA	12V –5W	2x112.5°	1 NM	IP 56	PC White
All round Light	11.412.06	White	PMMA	12V –5W	360°	2 NM	IP 56	PC Black
All round Light	11.412.16	White	PMMA	12V –5W	360°	2 NM	IP 56	PC White

Utility Compact for recreational craft with length less than 12 meters _ With horizontal mounting bracket

Light Type	Model	Lens Color	Lens Material	Bulb Lamp Supply	Horizon Arc	Visibility	Protection (IP)	Cover Material
Port Light	11.413.01	Red	PMMA	12V –5W	112.5°	1 NM	IP 56	PC Black
Port Light	11.413.11	Red	PMMA	12V –5W	112.5°	1 NM	IP 56	PC White
Starboard Light	11.413.02	Green	PMMA	12V –5W	112.5°	1 NM	IP 56	PC Black
Starboard Light	11.413.12	Green	PMMA	12V –5W	112.5°	1 NM	IP 56	PC White
Masthead Light	11.413.03	White	PMMA	12V –5W	225°	2 NM	IP 56	PC Black
Masthead Light	11.413.13	White	PMMA	12V –5W	225°	2 NM	IP 56	PC White
Stern Light	11.413.04	White	PMMA	12V –5W	135°	2 NM	IP 56	PC Black
Stern Light	11.413.14	White	PMMA	12V –5W	135°	2 NM	IP 56	PC White
Port + Starboard	11.413.05	R+G	PMMA	12V –5W	2x112.5°	1 NM	IP 56	PC Black
Port + Starboard	11.413.15	R+G	PMMA	12V –5W	2x112.5°	1 NM	IP 56	PC White

OSCULATI Datasheet:

Utility Compact _ 11.412-01-11 12V 5W Red 112.5° 1 NM
 Utility Compact _ 11.412-02-12 12V 5W Green 112.5° 1 NM
 Utility Compact _ 11.412-03-13 12V 5W White 225° 2 NM
 Utility Compact _ 11.412-04-14 12V 5W White 135° 2 NM
 Utility Compact _ 11.412-05-15 12V 5W Combined Red+Green 2x112.5° 1 NM
 Utility Compact _ 11.412-06-16 12V 5W White 360° 2 NM

EUROLENS-ECELAB Test reports:

Utility Compact _ 11.412.01 Report-0151/EU20 (03/03/2020)
 Utility Compact _ 11.412.02 Report-0154/EU20 (03/03/2020)
 Utility Compact _ 11.412.03 Report-0157/EU20 (03/03/2020)
 Utility Compact _ 11.412.04 Report-0155/EU20 (03/03/2020)
 Utility Compact _ 11.412.05 Report-0159/EU20 (05/03/2020)
 Utility Compact _ 11.412.06 Report-0159/EU20 (04/03/2020)

Remark

Navigation lights to be installed in accordance with Colreg Requirements and manufacturer instruction.

