

NEW **LED** NAVIGATION LIGHT UNDER DEVELOPMENT!



FIRST STEPS INTO THE WORLD

☆ *Planned to be certified for both JG / MED*

☆ *Designed to operate on both AC / DC power*

☆ *Design patent pending*



NIPPON SENTO CO.,LTD.

<http://www.nipponsento.co.jp>

MAIN SPECIFICATIONS OF LED NAVIGATION LIGHT

CLASS 1 DUAL TYPE (ELEC.)	TYPE OF NAVIGATION LIGHT	LIGHT PROJECTION ANGLE	LIGHT DISTANCE	APPLICATION LIGHT SOURCE	VOLTAGE	LIGHT SOURCE LIFE	LENS	MATERIAL	NOTE
							COLOR		
	MAST HEAD LIGHT	225°	MORE THAN 6nm	LED	DC24 AC100 AC110 AC115 AC220 AC230	50,000h	CLEAR	POLY CARBONATE	APPLY TO ALL VESSELS
	STARBOARD SIDE LIGHT	112.5°	MORE THAN 3nm				GREEN		
	PORT SIDE LIGHT						RED		
	STERN LIGHT	135°					CLEAR		

■ CLASS1 (ELEC.)	TYPE OF NAVIGATION LIGHT	LIGHT PROJECTION ANGLE	LIGHT DISTANCE	APPLICATION LIGHT SOURCE	VOLTAGE	LIGHT SOURCE LIFE	LENS	MATERIAL	NOTE
							COLOR		
	MAST HEAD LIGHT	225°	MORE THAN 6nm	LED	DC24 AC100 AC110 AC115 AC220 AC230	50,000h	CLEAR	POLY CARBONATE	APPLY TO ALL VESSELS
	STARBOARD SIDE LIGHT	112.5°	MORE THAN 3nm				GREEN		
	PORT SIDE LIGHT						RED		
	STERN LIGHT	135°					CLEAR		
	TOWING LIGHT						YELLOW		
	WHITE LIGHT	360°					CLEAR		
	RED LIGHT						RED		
	GREEN LIGHT						GREEN		

FLASHING LIGHT (ELEC.)	TYPE OF NAVIGATION LIGHT		LIGHT PROJECTION ANGLE	LIGHT DISTANCE	APPLICATION LIGHT SOURCE	VOLTAGE	LIGHT SOURCE LIFE	LENS	FLASH TIMES (per min.)	NOTE
								COLOR		
	FLASHING GREEN LIGHT	CLASS 1	360°	MORE THAN 2nm	LED	DC24 AC100 AC110 AC115 AC220 AC230	50,000h	GREEN	120~140	ESCOAT VESSEL
		CLASS 2							180~200	HUGE VESSEL
	FLASHING RED LIGHT	CLASS 1						RED	120~140	DANGEROUS CARGO VESSEL
		CLASS 2							180~200	EMERGENCY SERVICE VESSEL

※ MATERIAL POLY CARBONATE

MANOEUVRING LIGHT (ELEC.)	TYPE OF NAVIGATION LIGHT		LIGHT PROJECTION ANGLE	LIGHT DISTANCE	APPLICATION LIGHT SOURCE	VOLTAGE	LIGHT SOURCE LIFE	LENS	MATERIAL	NOTE
								COLOR		
	MANOEUVRING LIGHT		360°	MORE THAN 5nm	LED	DC24 AC100 AC110 AC115 AC220 AC230	50,000h	CLEAR	POLY CARBONATE	

Now under development. Specifications and design are subject to change without notice.



NIPPON SENTO CO.,LTD.
HP [<http://www.nipponsento.co.jp>]



Head Office/Factory
923, Shimoyanagi, Kasukabe-shi, Saitama
ZIP: 344-0122 TEL: +81-48-812-5700 FAX: +81-48-812-5587
Osaka Branch Office
1-4-3-4F, Tanimachi, Chuo-ku, Osaka-shi, Osaka
ZIP: 540-0012 TEL: +81-6-6949-8901 FAX: +81-6-6949-8902

Thank you for considering
our ship lighting equipment.
Please request detailed
installation methods when
purchasing our products.