

SOLAR-X-3NM+

1NM~5NM-Selfcontained Marine Larnern



- User selectable power and flash character settings via DM Bluetooth 5.0 -Smart App (Android Base)
- Max Distance up to 5nm
- SOLAR X series is a self-contained lantern powered by solar energy and lithium battery with integrated structure design.
- It has the characteristics of low power consumption, easy maintenance and aging resistance. It can be widely used in inland rivers, Coastal and harbor light buoys.
- This series of lamps is composed of LED point light source, lens, solar panel and weather-resistant material base.
- The GPS high-precision clock is used to realize the synchronous flash function;
- The range is 1-5 nautical miles
- The vertical divergence angle is 8.3 ± 0.3 degrees and the horizontal divergence angle is 360 degrees.

SOLAR-X-3NM+

1NM~5NM-Selfcontained Marine Lartern

Technical Data

Features

- Max Distance up to 5nm
- Long Life -LED Light Source
- Optional GPS synchronisation module
- 4 levels of luminous intensity adjustment to adapt to different range requirements.
- Available in all IALA approved colours
- 256 user selectable flash characters and selectable daylight sensor
- Magnetic On/Off Switch for quick deployment and hassle free storage maintenance check
- User selectable power and flash character settings via DM Bluetooth 5.0 -Smart App (Android Base)
- Working hours lasting up to 20 days in bad weather (1:1 ratio of light to dark).
- Optional GNSS synchronized-control flash function by GPS and BDS
- Ingress Protection: IP68

Selectable Range (T=0.74)	<ul style="list-style-type: none"> • 1-5 nautical miles by DM Bluetooth -Smart App Setting * 4-5nm according the selected IALA Flashing code
Available Colours	<ul style="list-style-type: none"> • Red • Green • Yellow • White
Visibility	360° horizon (omnidirectional)
Vertical Divergence	8.3°±0.3
Flash Codes	Up to 256 codes IALA , field selectable
Synchronisation	Optional GNSS (GPS+BDS)
Sunswitch Threshold Daylight Sensor	Default 300Lux (100~1000Lux adjustable)
Input Voltage	DC5V
Power settings	Adjustable from 1NM to 5NM
Solar Power	4W (4 x 1.0 W 5VDC) Scratch-resistant Solar Panels
Battery Capacity	Standard Type NVA-P3714 :7.2V 14AH 100.8Wh Lithium-Ion Rechargeable Cell Battery (self-protection)
Control Protocol	Blue-tooch -5.0
Magnetron Switch	YES
Weight	2.2KG for Standard Version
Dimension	Dia 235mm x H: 225mm
Operation Temperature	-35°C to +60°C
Ingress Protection	IP 68
Housing materials	UV resistant molded polycarbonate
Carton Size :	L*W*H (310x290x278mm)
Certification	IP68

Project	Fixture#	Date
		Firm



Ordering Information

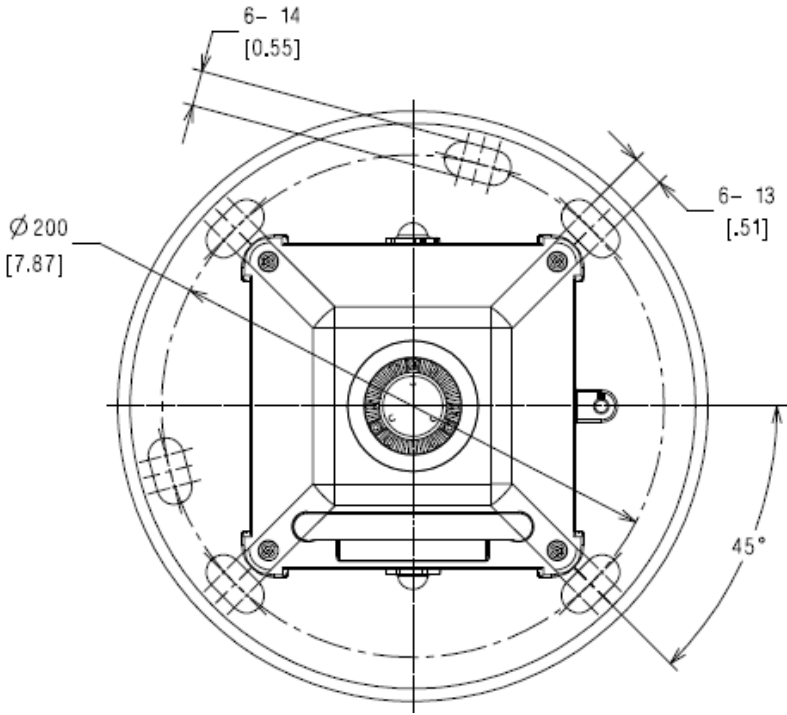
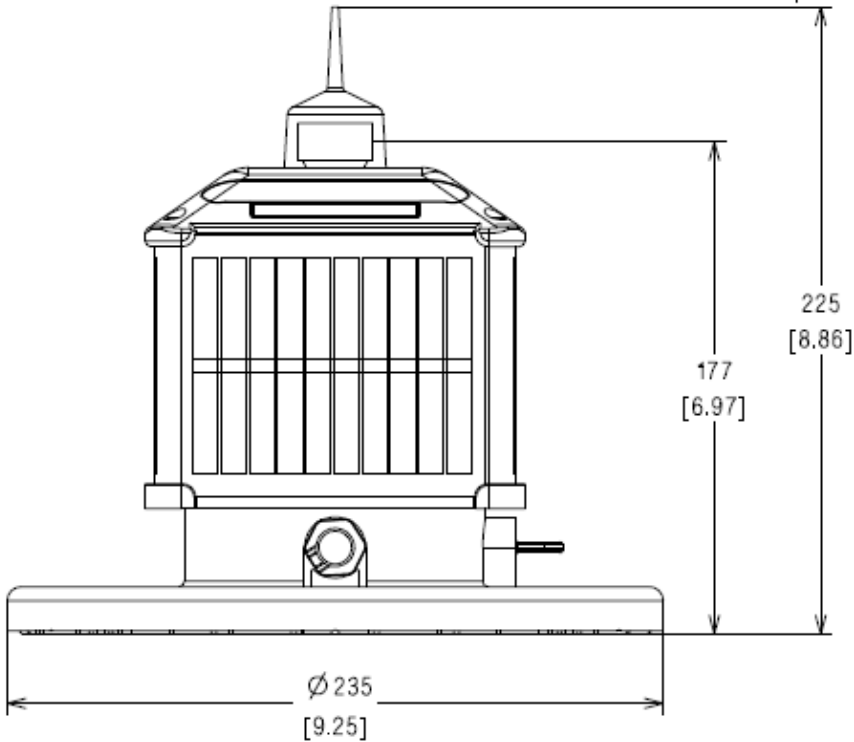
Choose the option that suits your need and write its corresponding code on the appropriate line to form the product code.

Example product code: [SOLAR-X-3NM+-R-GPS](#)

SOLAR-X-3NM - - _____ - _____
Color Synchronisation

Color		Synchronisation	
Code	Description	Code	Description
R	Red	N	Without GPS
G	Green	GPS	GPS
Y	Yellow		
W	White		

Technical Drawing



Unit: mm