

Jinbo Marine

Marine & Offshore Equipment Datasheet

PRODUCT DATASHEET

MARINE LED LIGHT

DWS305 SOLAR LED 3NM Barge Navigation Light

The Solar LED Barge Navigation Light DWS305/3NM is specially designed for the navigation safety of the non-powered seagoing vessels such as Barge, Dredger or Tug boats etc.. This LED barge light complies with COLREGS(197...

ISO9001 Supplier

Class Certificate

Export Supply



Key Highlights

Category	Marine LED Light
Standard	ISO
Material	MANUFACTURED TO ISO9001:2015 QAS AND CERTIFIED CE Conform to latest inte...
Weight / Size	MANUFACTURED TO ISO9001:2015 QAS AND CERTIFIED CE Conform to latest inte...
Certificate	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS

We can supply according to your requirement, drawings, class certificate needs, and delivery schedule.



Technical Specifications

Category	Marine LED Light	Model / SKU	DWS305-SOLAR-LED-3NM-Barge-Navigation-Light
Standard	ISO	Material	<p>MANUFACTURED TO ISO9001:2015 QAS AND CERTIFIED CE Conform to latest international standard Light Output Steady-on Average Intensity White 26cd Red 24cd Green 25cd Amber 20cd Visibility 3NM Horizontal Output 112.5,135,225,360 degree LED 4 pieces Minimum Autonomy 120 Hours Latitude Range 55 degree S to 55 degree N On/Off Level 60/100Lux Lifespan of LEDS Up to 50 000 Hours Solar Panels Mono-crystalline,Maximum power 1.5w,Efficiency 20% Battery Ni-MH,Replaceable 4.8AH Construction Lens Material Polycarbonate Colored Lens Option Red green amber white blue Control Methods PWM+Adaptive control algorithm Mounting Option 4 bolts or Magnetic base Weight/Dimension 0.9Kg/166mmx166mmx166mm Environment Temperature Range -40°Cto +80°C Waterproof IP67</p>

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Warranty	12 Months unless specified otherwise	Origin	China

China DWS305 SOLAR LED 3NM Barge Navigation Light:

The Solar LED Barge Navigation Light DWS305/3NM is specially designed for the navigation safety of the non-powered seagoing vessels such as Barge, Dredger or Tug boats etc.. This LED barge light complies with COLREGS(1972) ,UL 1104 and EN 60945(2002) standards, with a visibility of more than 3 Nautical Miles and an autonomy 120 hours. It has the characteristics of solar self-contained, durable ,anti-UV & easy-installation. The boat signal light can be easily installed on vessels without cable and professional training.

RELIABLE AND STEADY FOR MARINE ENVIRONMENT

Steady-on and its visibility: 3NM Solar panel 1.5Wp, replaceable Ni-HM battery 4.8Ah.

Light Output : 112.5°Port/Starboard;135°Stern;225° Masthead.

UNIQUE DESIGN AGAINST DIFFICULT CONDITION

Charge under nearly all weather conditions and up to 120 hrs of operating capacity from a full charge. Individual dome can

protect the solar panel and raise its efficiency. Lens is polycarbonate with anti-UV which is produced by Bayer.

LOW MAINTENANCE

Turns on at dusk and off at dawn automatically. Completely self-contained.



MANUFACTURED TO ISO9001:2015 QAS AND CERTIFIED CE Conform to latest international standard

Light Output		Steady-on
Average Intensity	White	26cd
	Red	24cd
	Green	25cd
	Amber	20cd
Visibility		3NM
Horizontal Output		112.5,135,225,360 degree
LED		4 pieces
Minimum Autonomy		120 Hours
Latitude Range		55 degree S to 55 degree N
On/Off Level		60/100Lux
Lifespan of LEDS		Up to 50 000 Hours
Solar Panels		Mono-crystalline,Maximum power 1.5w,Efficiency 20%
Battery		Ni-MH,Replaceable 4.8AH

Construction	
Lens Material	Polycarbonate
Colored Lens Option	Red green amber white blue
Control Methods	PWM+Adaptive control algorithm
Mounting Option	4 bolts or Magnetic base
Weight/Demmsion	0.9Kg/166mmx166mmx166mm
Environment	
Temperature Range	-40°Cto +80°C
Waterproof	IP67