



POWER GENERATION
BY GENERATIONS

Solar Aviation/ Navigation Lights



MODEL

NSWL 250

The Aviation Sunlight 250 model is a product designed for the free application of the Concern for various harsh and critical applications such as sea towers, Telecommunications, etc.



REFLEXES



Led technology:

Long service life of **100,000 hours**



Up to 18 days **battery life**

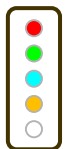


It works with solar energy:

No separate power supply is required



Remote control to change the LED illumination level and the flashing pattern



The light output may be in a **5 colors** - red / green / blue / amber / white - choose one according to your requirements, local regulations.



UV stabilized polycarbonate body - suitable for the marine environment



High quality LiFePO4 rechargeable battery



EEPROM technology: the light operates with the same settings even after changing the battery.



Bird-diverting bird



Integrated intelligent software for automatic operation, low battery warning.



Automatic operation

Based on light illumination



The battery can be charged by pulse mode

TYPICAL APPLICATIONS

2 - 3 nautical miles lighting range.

SUITABLE FOR



TELECOM
TORRES



Port and
GOOD MARINES



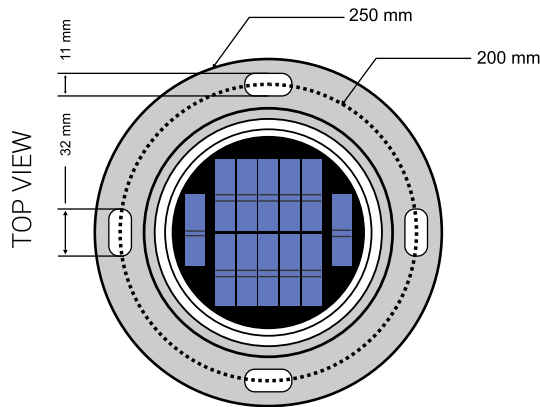
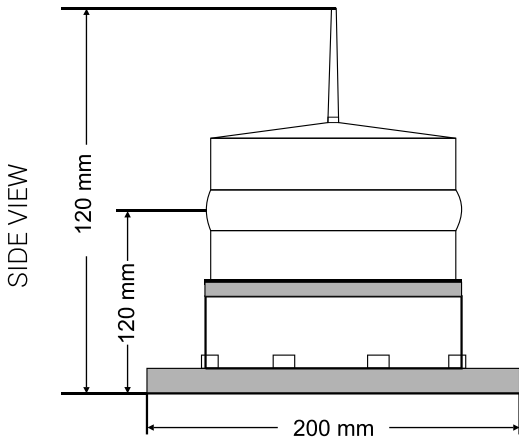
PUBLIC,
DOCKS



OFFSHORE
PETROLEUM GAS



SEARCHES OF
RESEARCH, BREAK
Waters

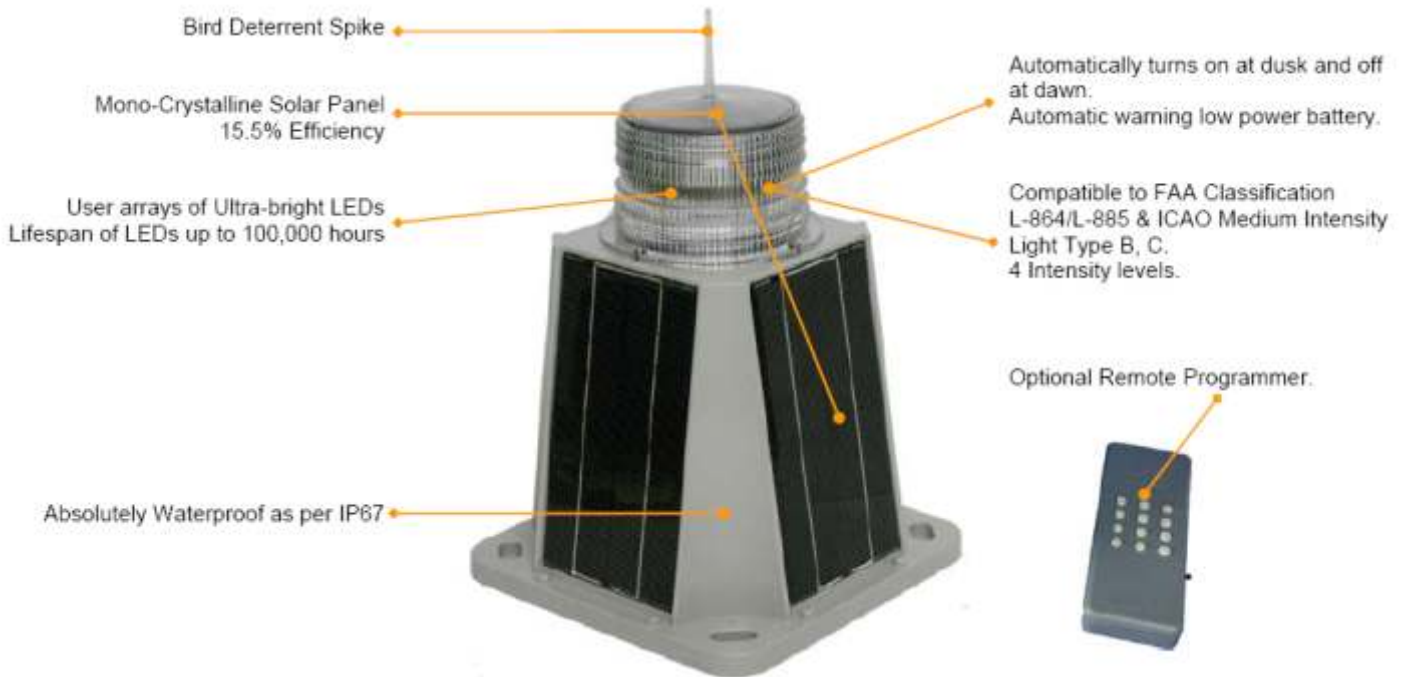


Model name	NSWL 250
Light source	Ultra bright intensity LED
Display Range	2 - 3 nautical miles (3.7 to 5.7km)
LED life	Approx. 100,000 hours
Reflector Type	
Vertical divergence	90
Horizontal Divergence	3600
Solar characteristics	Monocrystalline silicon 1.8Watt
Operation	
Autonomy	18 days (12-hour operation at 12.5% duty cycle)
Level on / off	70/100 lux
Light Intermittent modes	209 Flash modes (comply with IALA requirements)
Control	Wireless remote control (optional)
Power supply	
Battery Type	LiFePO4 rechargeable (replaceable by user)
Battery Capacity	6 Ah
Physical	
Lens and body material	Polycarbonate stabilized with UV
Weight (kg)	1.4
Dimensions (mm)	Height - 226; Diameter - 230
Enclosure	IP67 (NEMA 6)
Operating Conditions	-400C to + 800C
Warranty	2 years

MODEL

NSWL 450

The Solar Aviation 450 light model is a worry-free product, compatible with the ICAO average intensity specification and FAA rating, with automatic operation, suitable for aviation applications, clogging.



REFLEXES



Led technology:

Long service life of **100,000 hours**



Remote control to change LED Illumination level and pattern flicker



It works with solar energy:

You do not need a source of Separate feed



LiFePO4 resistant rechargeable battery



Bird-diverting bird



EEPROM technology - light works With the same configuration included After Battery is changed.



Automatic operation

Based on light illumination



Integrated intelligent software for Automatic operation, battery Low warning.



Up to **25 days of battery life**



Synchronous operation
Based on GPS (optional)

TYPICAL APPLICATIONS

High light output.

ADECUADO PARA



TELECOM
TORRES



EMBARCADERO



PUERTO Y MARINA
BOYAS



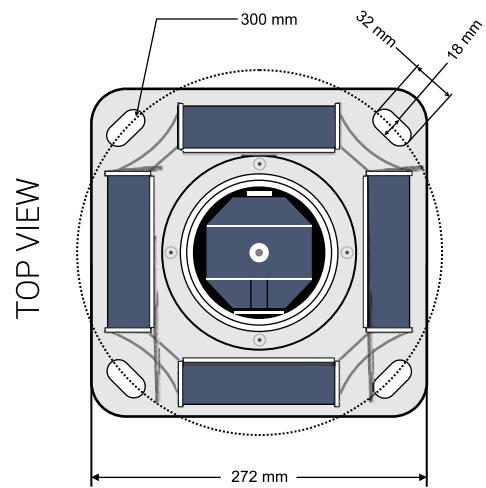
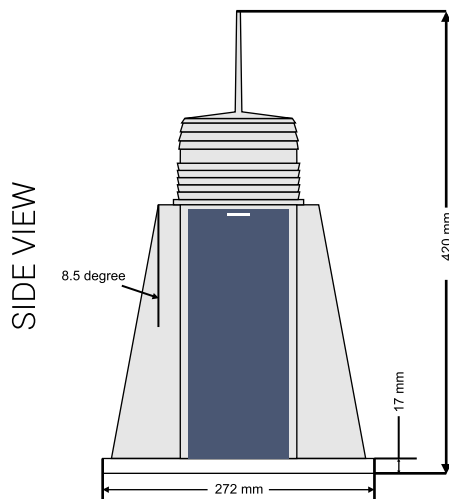
PUBLIC PIERS, DOCKS




OFFSHORE
PETROLEUM GAS



SEARCHES OF
INVESTIGATION,
Break waters



Model name	NSWL 450
Display Range	Up to 5 nautical miles (NM)
Light source	Ultra bright intensity LED
Color options	Red / White / Amber / Blue / Green
LED life	Approx. 100,000 hours
Reflector Type	
Vertical divergence	9th
Horizontal Divergence	360 °
Solar energy	Monocrystalline silicon 16.5 watts
Operation	
Minimum Autonomy	25 days (12 hours of darkness, 12.5% duty cycle)
Level on / off	4 levels on / off
Light Intermittent modes	The user can adjust up to 256 flash modes (complying with IALA requirements)
Control	Remote control (optional)
Power supply	
Battery Type	LiFePO4 Rechargeable Rugged (User Replaceable)
Battery Capacity	30Ah
Physical	
Lens and body material	UV stabilized polycarbonate (lens) and ABS (body)
Weight (kg)	5
Mounting	4 x 16 mm holes
Dimensions (mm)	Height - 420; Diameter - 272
Enclosure	IP67 (NEMA 6)
Operating Conditions	-40 ° C to + 80 ° C
Options	Remote control ; GPS Synchronization
Warranty	3 years



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