



Solar Warning Light

The products are the most advanced solar-powered LED Light and ideal for all types of permanent or temporary lighting or warning application. It installs in minutes and requires no maintenance or servicing for up to five years.

Features & Benefits

- Available in blue, red, amber, white and green
- Can be ordered in "steady on" or one of six common flash patterns
- Automatically turns on at dusk and off at dawn
- Completely self-contained and watertight. Designed to operate reliably in harshest environmental and work conditions
- Polycarbonate lens is virtually indestructible
- Will charge under nearly all weather conditions and up to 150 hours of operating capacity from a full charge
- Manufactured to ISO9001:2000 Quality Assurance standards
- Proprietary, patented dome protects solar panel while improving efficiency, sheds snow
- DWS301:8LEDs, flashing or steady on
- DWS302:16LEDs, flashing
- DWS302+:16LEDs, flashing, Magnetic Base

Typical Applications

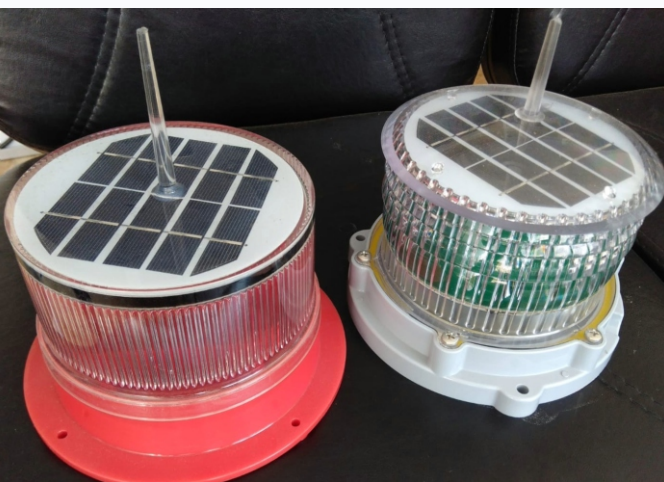
- Flag markers
- Yard lighting or safety marker
- Barricade markers
- Out building markers
- Security lighting
- Temporary facility markers
- Lighting in the side of roads or rivers



Specifications

Light Output	FLASHING	STEADY ON
Effective Intensity (candela)		
green	10.4~12.0	6.5~7.5
blue	5.4~7.2	3.0~4.0
amber and white	12.0~16.0	7.5~10.0
red	8.0~12.0	5.0~7.5
Nominal Night Range	3.1~5km	1 km
Vertical Divergence	±3.5°at 50% intensity	
Horizontal Output	360°	
Operation		
Minimum Autonomy	100Hours	50Hours
Latitude Range	55°S to 55°N	
On/Off Level	60/100 Lux	
Lifespan of LEDs	up to 100,000 Hours	
Solar panels		
Type	poly-crystalline Potted with UV-protected Polyurethane and doomed for higher efficiency	
Maximum Power	1.1 watts	
Efficiency	14%	
Battery		
Type	nickel-hydrogen replaceable	
Capacity	4.7 Ah	
Construction		
Lens Material	Polycarbonate	
Sealing	Self-contained unit, potted with polyurethane	
Weight	0.9kg	
Environmental and Electrical		
Temperature Range	-40°~	
Waterproof	IP67	
Quality control and Patents		
Quality Assurance	ISO9001:2000	
Patents	Chinese patents: 02224444.1 and 200430015589.3 Other patents pending	

*ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE



UMSL – 01 SOLAR MARINE LANTERN (red - yellow)

SOLAR MARINE LANTERNS

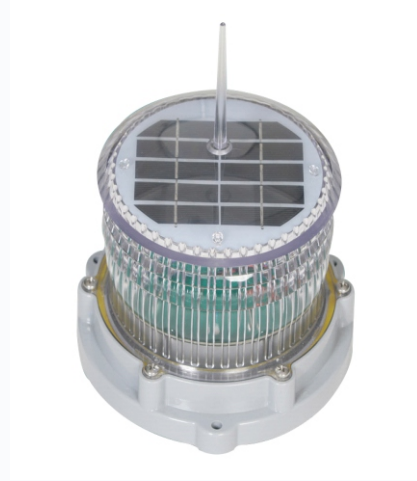


1-2 NM Marine Solar Lantern , Manufactured according to IALA rules and 4 types flashing codes.

Manufactured on different colors : Red , Green , Yellow , White color LED ligths .
Powered with Ni-MH batteries and mono solar cells

UMSL - 02 SOLAR MARINE LANTERN (grey case)

SOLAR MARINE LANTERNS



2-3 NM Marine Solar Lantern , Manufactured according to IALA rules and 256 types flashing codes.

Manufactured on different colors : Red , Green , Yellow , White color LED ligths .

Very strong body which resist to high shokes.

UMSL-03 SOLAR MARINE LANTERN (4 solar panel)

SOLAR MARINE LANTERNS



3-8 NM Marine Solar Lantern , Manufactured according to IALA rules and 256 types flashing codes.

Manufactured on different colors : Red , Green , Yellow , White color LED ligths .

Very strong aluminium body which resist to high shokes.

GPS cyronation and standart flashing modes,

Powered by 4 pcs mono solar panel and high power betteries