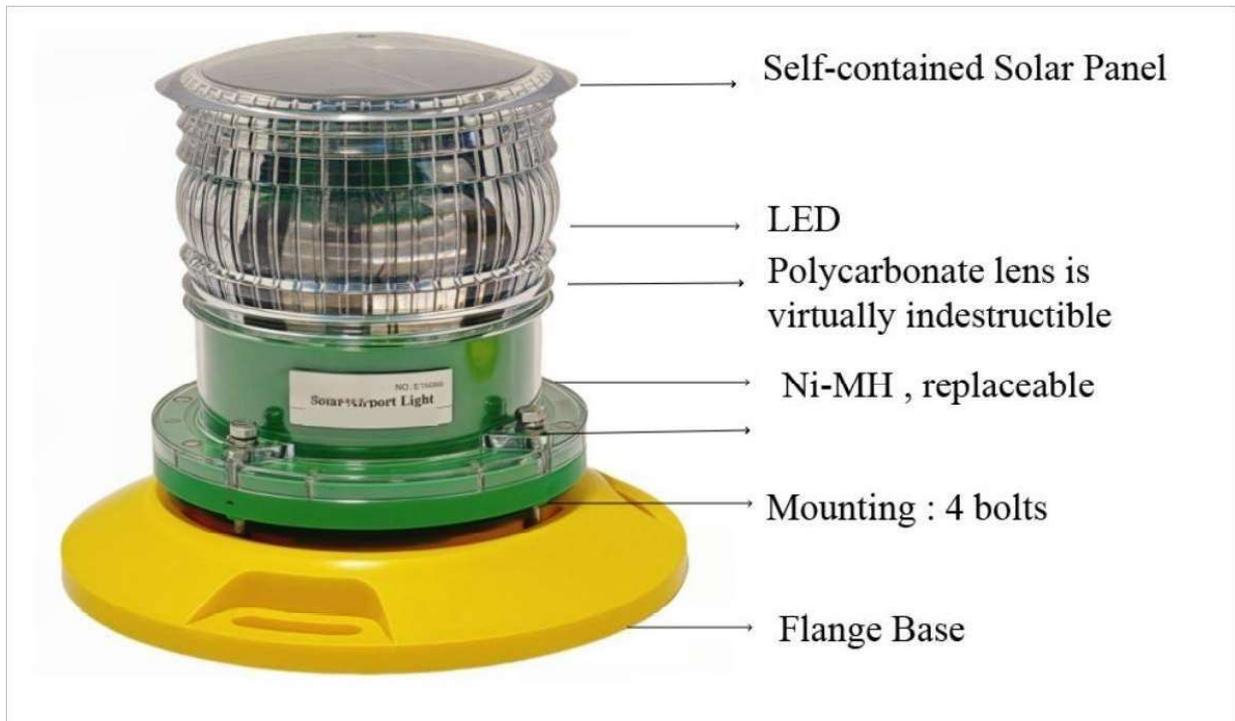# LSW-302 SOLAR AIRPORT LIGHT

LSW-302 solar light complies with IALA Maritime Buoyage System and can be customized up to 16 IALA Rhythms. It's completely sealed in order to make sure its waterproof IP68. The Navaid equipment installs in minutes and requires no maintenance for up to five years.

- Self-contained Solar Panel
- LED
- Polycarbonate lens is virtually indestructible
- Ni-MH , replaceable
- Mounting : 4 bolts
- Flange Base

Features and Benefits

16 Flashing IALA patterns and its visibility up to 3NM

Available in   red, amber, white and green.

Solar panel 2.1Wp, replaceable Ni-HM battery 5Ah.

Turns on at dusk and off at dawn automatically.

Completely self-contained and waterproof IP68.

Lens is polycarbonate with anti-UV which is produced by Bayer.

Individual dome can protect the solar panel and raise its efficiency.

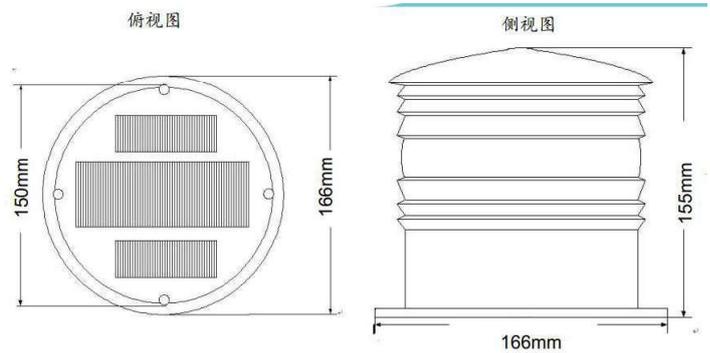Manufactured to ISO9001:2015 QAS.

Specifications

Main Specifications	
Light Output	360°, 16 IALA Flashing Rhythms
Average Intensity(T=0.74)	White: 55cd/Red: 40cd/Amber: 35cd/Green:45cd
Visibility	Up to 3NM
LED	16Pcs
Minimum Autonomy	140hrs
Latitude Range	55°S to 55°N
On/Off Level	60/100 Lux
Lifespan of LEDS	up to 50,000 Hours
Solar panels	Mono-crystalline;Maximum Power 2.1Wp;Efficiency 20%
Battery	Ni-Mh , replaceable;5Ah
Lens Material / Color	Polycarbonate / Red, green, amber, white
Mounting Option	FlangeBase
Weight	0.9kg
Temperature Range	-40℃ to +80℃
Waterproof	IP68
Quality Assurance	ISO9001:2015
CE	CTR090817073E
Patent	Chinease Patent: 200830018497.5

Typical Applications

- Marine Buoy
- Marine cage Aquaculture
- Sea ports or docks
- Ocean Engineering
- Aid-navigation markers

LSW-302 On Buoy

俯视图   侧视图
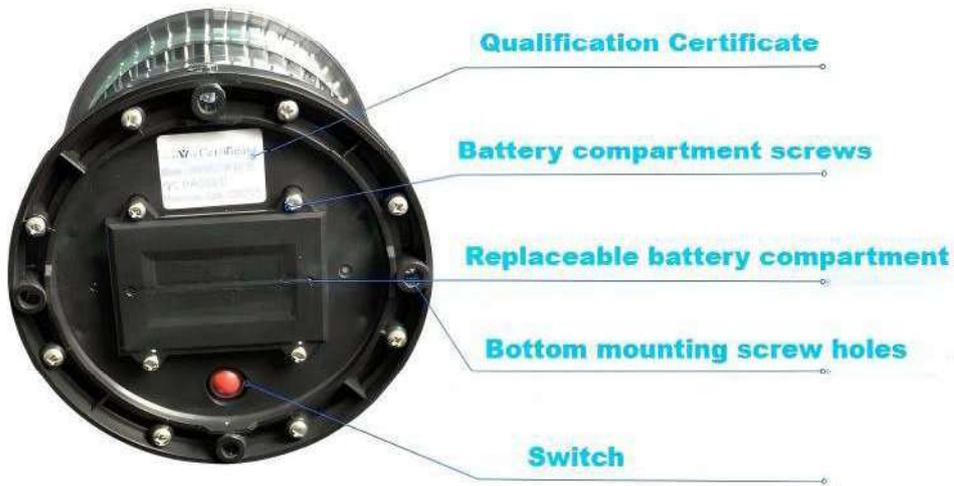
150mm   166mm   155mm

166mm

Dimension Drawings

LSW-302 with an FlangeBase

The buoy with LSW-302

Qualification Certificate

Battery compartment screws

Replaceable battery compartment

Bottom mounting screw holes

Switch

1. How to choose the flashing pattern?

Please see the selecting switch in the bottom of this light and the four indicators at the side of the light,as shown above.

For each color, there are lists of the 16 flashing patterns as in above Tables.In general,the 16 flashing codes have included all of IALA recommendation codes.For example,the IALA recommendation codes for RED or GREEN only has 9 codes.We can provide up to 328 codes,but the 16 codes is enough to use for most of users.

2.Is there the adapter for easy-installation?

Yes, there is an Installing accessory-- FlangeBase as follows.

Solar Light

Flange Base

Bolts

Dimensions : 240mm×240mm×188mm

Upper adjustable mounting hole

Lower adjustable mounting hole

Functions: Mounting Flange; Adjust the output angle of the light; Heat insulation; Moisture-proof.

Material : PC+ABS Alloy

Dimensions : D=Φ240mm、H=28mm

Mounting Holes :
Upper Hole's Position: Φ150mm×4
Adjustable Angle: 45°
Lower Hole's Position : Φ210mm×3
Adjustable Angle: 20°

Note: The angle between the upper and lower layer can be adjusted to control the direction of the light.