

## Portable Low-intensity Type B Solar Aviation OB Light GS-MS/B



### Description

Portable Low-intensity Type B Solar Aviation OB Light adopts illuminance but high efficient solar panels integrated design, cooperate with solar dedicated plumbic acid battery as power supply .The battery adopts advance power management system ,which can provide good protection when battery 's voltage and temperature too high or too low ,so it can improve the battery's service life efficiently .

Controlling circuit adopts micro-power consumption, which reduce controlling circuit 's power consumption ;Light source adopts high efficient LED chip ,which has specific of high Light intensity ,low power consumption ,long life and so on .

Adopts portable structure design, it's convenient for transportation, especially fit for temporary channel, airport runway.

Lampshade adopt with PC material ,which can resist corrosion ,anti-UV ,anti-shock an so on

### Specification

Name	Parameter
Mode:	GS-MS/B
Light source life	>100000hours
Light source	LED
Power supply	monocrystalline silicon solar panel
Battery capacity	12V9AH
Battery type	Lead-acid battery
Battery life	2years
Solar panel power	6wx4
Solar panel voltage	16.5V
Solar panel life	>20years



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Solar Aviation OB Light  
GS-MS/B**

Power consumption:	<15W
Vertical divergence	3°
Horizontal out-put	360°
Visual range	15km
FAA classify	L864/865
Overall size(mm)	260 by260 by 420
Installation size(mm)	322 by 200 by M8
Weight	10Kg
Emitting color	Red
Storage temperature:	-40℃~+70℃
Working temperature	-10℃~+60℃
Wind load:	80m/s
Working mode	Flashing 20times/min
Light intensity	32.5cd
Protection Standard	IP65
Continuous working time	15days(10hours a day)
Optically Controlled Ambient Brightness	300±100LUX

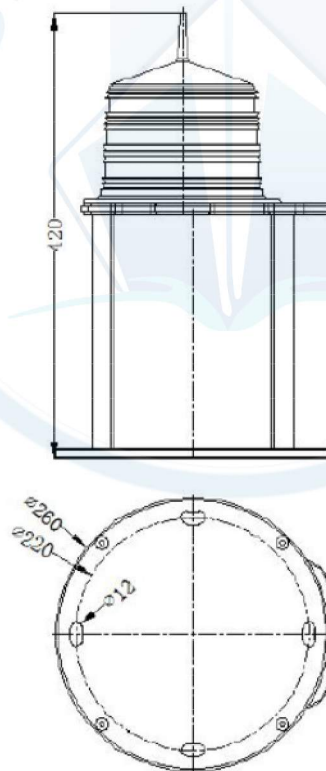
**Function & Feature**

- Continuous working time in rainy day can reach more than 15 days. (10 hours a day)
- Photocell can switch ON/OFF the light in rainy days or at night automatically.
- Standardization of optical design, high photoelectric conversion efficiency.
- Special LED chips with brightness,high conversion efficient and long life.
- Provide ability of lightning protection, light fastness, resist snow and rain.
- LED technology, working stable, save cost of maintain.

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- Internal use renewable solar dedicated lead-acid battery, service life can reach more than 2 years.
- Can customize lithium iron phosphate battery to improve service life and working temperature range.

### Dimension Drawing



### Usage notice

- Please read the instruction carefully and then use the device correctly.
- Solar powered Aviation obstruction light must be installed in a sunny place to keep it working continuously.
- Please install this light on the Installation plane that perpendicular to light axis, installation plane should has mechanical strength.
- If the device fails to work at the first using time, please place the device under



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sunlight to recharge power 12hours, it will work.

- Please turn off the device and put it in a sunlight for 5day(s) to recharge power each 3 months if it needs to be stored for a long time.
- If there any other problem please contact us.

### **Application**

- High building
- Bridge
- Tower
- Telecom tower
- Chimney
- Runway
- Heliport
- Traffic barrier
- Tower crane