

Alrouf LED Low intensity Type B Aviation Aircraft Warning Single Light



Low intensity SINGLE LIGHT

Products Description

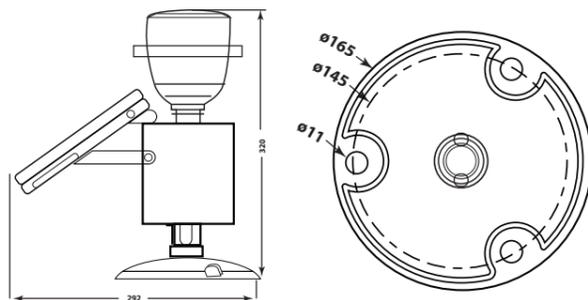
Low intensity Type B Aviation Obstruction Light-Single Light

Low intensity Type B Aviation Obstruction Light-Single Light, its shell adopt high intensity casting aviation aluminum, Light source adopt high efficient SMT LED chip and combine with reflecting optical structure, which have the specific of high brightness and long lifespan; Management circuit with Strong lightning protection and With the surge protection device, which can adopt to extremely bad working environment. Built-in advanced battery management protection module, which can prolong the battery lifespan effectively

Features

- Housing adopt high intensity casting aviation aluminum.
- Built-in dual light source design, when main light default, it can switch to standby light to work automatically.
- Adopt with independent research and development advanced optical lighting system
- Spotlight angle meets GACA and ICAO requirements.
- With surge protection device, which can adopt to extremely bad working environment.
- Adopt high conversion efficiency monocrystalline silicon chip, its service life is more than 20 years
- With the impact resistance, anti lightning, resistant to sunlight, anti snow, can resist typhoons, hail and other severe weather.
- Integrated high-power solar panel design, high charging efficiency.
- Built-in independent battery charge and discharge management module, easy maintenance.
- Adopt high safety and long lifespan of lithium iron phosphate battery, whose lifespan is more than 3 times that of ordinary lead-acid battery.
- Remote control and telemetry can be customized.

Dimension



Specification

Performed Standard	GACA	MH/T 6012-2015 and AC-137-CA-2017	Aviation obstruction light
	ICAO	ICAO Annex 14 Volume I The 8th Edition	Airport design and operation
	FAA	Advisory Circular 150/5345-43J	Specification for Obstruction Lighting Equipment

Model	ART-LBS-01 (SINGLE)	Vertical Divergence	>10°
Power supply	Solar power supply	Horizontal Out-put	360
Power frequency	DC supply	Overall Size	300*292*320mm (L*W*H)
Average power	≤2.6W	Installation size	Φ145mm*3*M8
Solar panel power	10W	Battery power	12.8V14AH
Working mode	Steady Light	Ambient Temperature	-40°C~+55°C
Emitted color	Red		
Light source	LED	Weight	≈3.2KG
Shell material	Aviation dedicated Aluminum alloy	Wind load	240km/h
		Luminous mirror material	optical PC
Light source lifespan	≥200000h	Protection grade	IP65
Surge Protection Grade	3KA	Relative humidity	0%~95%
Get wet in the rain	Can be exposed to rain in any wind direction	Salt spray	Can be exposed to salt spray
		Insulation characteristic	/
Radiation	Can be exposed to solar radiation	EMC standards	Emitted:EN55022(CISPR22) class A harmonic wave: EN61000-3-2,-3
Seismic resistance	10~500Hz,2G10min/cycle, XYZ 60 minutes for each axis		
Mean Time Between Failure	≥200000h, MIL-HDBK-217F(25°C)	Effective intensity	night : 32.5cd
		Photocell stage	50/100Lux

Application

Block,, Airport, High-Pole Lamp, Chimney, Bridge, Towers, Communication Tower, Super High Building