

Alrouf LED Low intensity Type B Aviation Aircraft Warning Double Solar



TX-LB-01 (L) DOUBLE SOLAR

Products Description

TX-LB-01 (L) Double Solar

Low intensity Type B Aviation Obstruction Light-Double 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

Built-in dual light source design,when main light default, it can switch to standby light to work automatically.

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 CAAC 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.
- 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.
- Integrated high-power solar panel design, high charging efficiency.



Specification

Performed Standard	CAAC	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	TX-LB-01 (L)	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℃~+55℃
Emitted color	Red LED		
Light source	Aviation dedicated	Weight	≈3.2KG
Shell material	Aluminum alloy	Wind load	240km/h
Light source	≥200000h	Luminous mirror material	optical PC
Surge Protection Grade	3KA		
Get wet in the rain	Can be exposed to rain in any wind direction	Relative humidity	0%~95%
		Salt spray	Can be exposed to salt spray
Radiation	Can be exposed to solar radiation	Insulation characteristic	/
Seismic resistance	10~500Hz,2G10min/cycle, XYZ 60 minutes for each axis	EMC standards	Emitted:EN55022(CISPR2 2) class A harmonic wave: EN61000-3-2,-3
		Altitude	≥2500m
Mean Time Between Failure	≥200000h, MIL-HDBK-217F(25℃)	Effective intensity	night: 32.5cd
		Photocell stage	50/100Lux

Application

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