

Alrouf LED TX-MB-01(L) Solar Power Medium intensity Type B Aviation Obstruction Light



TX-MB-01(L) SOLAR POWER

Products Description

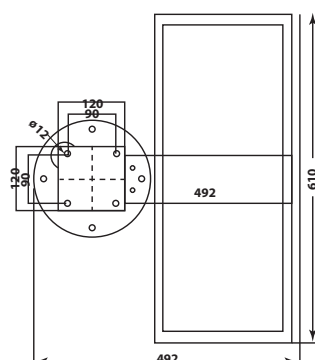
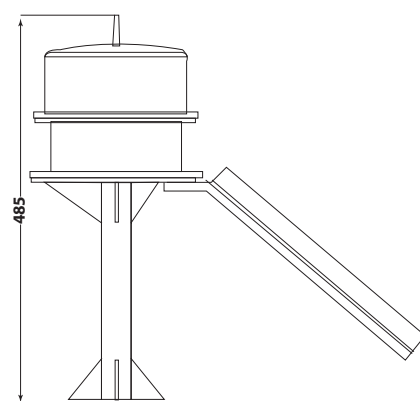
TX-MB-01(L) Solar Power Medium intensity Type B

TX-MB-01(L) type B Medium-intensity solar power aviation obstruction 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.
- 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.
- It can be customized functions of GPS Beidou wireless synchronization LORA-10KM wireless sync, Remote control and telemetering.
- Integrated high-power solar panel design, high charging efficiency.

Dimension



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-MB-01 (L) | Vertical Divergence | 3° |
| Power supply | Solar power supply | Horizontal Out-put | 360 |
| Power frequency | DC supply | Overall Size | 610*492*485mm (L*W*H) |
| Average power | ≤2.5W | Installation size | Φ90mm*4*M8 |
| Solar panel power | 35W | Battery power | 192WH |
| Working mode | Flash 20-60times/min | Ambient Temperature | -40℃~+55℃ |
| Emitted color | Red | | |
| Light source | LED | Weight | ≈7.2kg |
| Shell material | Aviation dedicated Aluminum alloy | Wind load | 240km/h |
| | | Luminous mirror material | optical PC |
| Light source lifespan | ≥200000h | Protection grade | IP65 |
| Insulation Characteristic | / | | |
| 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 | Battery type | Lithium iron phosphate battery |
| Seismic resistance | 10~500Hz,2G10min/cycle, XYZ 60 minutes for each axis | EMC standards | Emitted:EN55022(CISPR22) class A harmonic wave: EN61000-3-2,-3 |
| | | Altitude | ≥5500m |
| Mean Time Between Failure | ≥200000h, MIL-HDBK-217F(25℃) | Effective intensity | night : 2000cd,default ≥1600cd |
| | | Photocell stage | 50/100Lux |

Application

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