

**alrouf**  
LIGHTING TECHNOLOGY CO.Ltd.



**شركة الروف**  
لتقنية الإنارة المحدودة



**Alrouf**  
**Medium intensity**  
**Airport**  
**Warning Light**

**TX-MA-02(L)**  
MEDIUM INTENSITY TYPE A

[www.alroufled.com](http://www.alroufled.com)

# Alrouf

## Medium intensity Airport Warning Light Type A



TX-MA -02 (L) type A

### Products Description

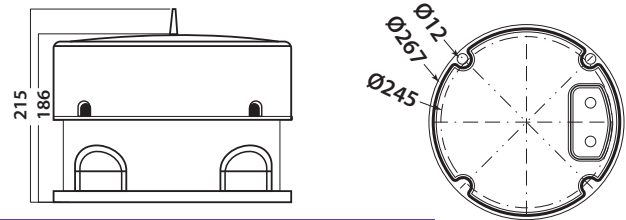
#### TX-MA -02 (L) type A Medium-intensity aviation obstruction light,

base adopt high intensity casting aviation aluminum ,Light source adopt high efficient SMT LED chip and combine three layers overlay reflective 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.

### Features

- Housing adopt high intensity casting aviation aluminum, fully sealed structure.
- Adopt high efficient SMT LED chip, which have the specific of high brightness, low power consumption and long long lifespan.
- 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 advanced high thermal conductive stoving varnish technology, which provide excellent heat dissipation, it can shortage lamp's weight and volume efficiently
- With the impact resistance, anti lightning, resistant to sunlight, anti snow, can resist typhoons, hail and other severe weather.
- With over-current protection function.
- It can be customized functions of GPS Beidou wireless synchronization, LORA-10KM wireless sync, Remote control and telemetering.

### Dimension



### Warranty Description

The product is full guaranteed for two years and five years warranty from the date of sale. Within 2 years, repairing cost, material cost, shipping cost are free of charge (only in China), if necessary we can replace by new product for free. From 3-5 years repairing cost is free of charge, user should burden component cost and shipping cost in repairing, charging standard as per our company policy. But if there is one of following situation, user can't enjoy full warranty.

1. Lamp damage caused by man-made damage or force majeure.
2. Not installed and used in the manner specified in the attachment of the contract.
3. Not installed and used according to the product instructions.
4. Not install and use normally.
5. Dismantling or repairing the product without obtaining the consent of our company.
6. Unable to provide evidence that the bills were purchased through normal channels.
7. Over the period of full guarantee.

## 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-MA-02 (L)  | Vertical Divergence                    | 3°  |
| Power supply              | AC220V, DC180V  | Horizontal Out-put                     | 360   |
| Power frequency           | 50HZ~60HZ, DC   | Overall Size                           | 267*267*215mm   |
| Average power             | ≤10.5W  | Installation size                      | φ245*4*M10  |
| Working mode              | Flash 20~60times/min                                  | Ambient Temperature                    | -40°C~+55°C   |
| Emitted color             | White   | Weight                                 | 4.5kg (Not include mouting bracket)                               |
| Light source              | LED   | Wind load                              | 240km/h   |
| Shell materia             | Aviation Aluminum alloy                               | Luminous mirror material               | optical PC  |
| Light source lifespan     | ≥200000h  | Protection grade                       | IP65  |
| Surge protection rating   | 5KA   | Relative humidity                      | 0%~95%  |
|                           |   | Salt spray                             | Can be exposed to salt spray                                      |
| Get wet in the rain       | Can be exposed to rain in any wind direction          | Insulation characteristic              | Between the input end and the shell: 1.414kVDC, 10s no breakdown  |
| Radiation                 | Can be exposed to solar radiation                     | EMC standards                          | Emitted:EN55022(CISPR2 2) class A<br>harmonic wave:EN61000-3-2,-3 |
| Seismic resistance        | 10~500Hz,2G 10min/cycle, XYZ 60 minutes for each axis |  |   |
| Mean Time Between Failure | ≥200000h,MIL-HDBK-217 F(25°C)                         | Leakage current                        | <10uA   |
| Electric shock protection | Has   | Altitude                               | ≥2500m  |
| Effective intensity       | Daytime : 20000cd, night : 2000cd                     |  |   |
| Photocell stage           | 50/100Lux   |  |   |