

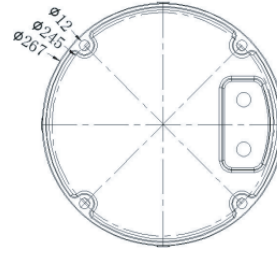
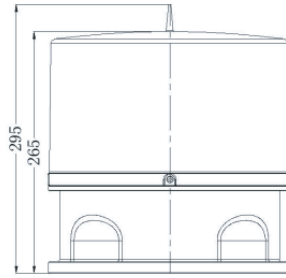


# Alrouf Medium Intensity Warning Light

**ARTX-MI (TYPE-AB)**

MEDIUM INTENSITY TYPE AB

# Alrouf Medium Intensity Warning Light Type AB

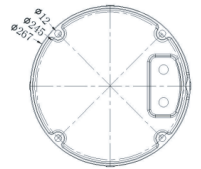
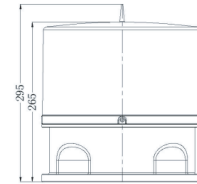


## Products Description:

### Type AB Medium-Intensity Aviation Obstruction Light

The base is made of high-intensity aviation-grade aluminum. The light source uses high-efficiency SMT LED chips combined with a three-layer reflective optical structure, offering high brightness and a long lifespan. The management circuit features strong lightning protection and includes a surge protection device, making it suitable for extremely harsh working environments.

## Dimension:



## Features:

- The housing is made of high-intensity cast aviation aluminum with a fully sealed structure.
- Equipped with high-efficiency SMT LED chips, featuring high brightness, low power consumption, and a long lifespan.
- Uses an independently developed advanced optical lighting system.
- The spotlight angle complies with CAAC and ICAO requirements.
- Includes a surge protection device, enabling reliable operation in extremely harsh environments.
- Utilizes advanced high thermal conductivity stoving varnish technology, providing excellent heat dissipation while effectively reducing the lamp's weight and volume.
- Designed with impact resistance, lightning protection, UV resistance, snow resistance, and the ability to withstand typhoons, hail, and other severe weather conditions.
- Includes over-current protection functionality.
- Optional customization available for GPS/Beidou wireless synchronization, LoRa (up to 10 km) wireless sync, remote control, and telemetry functions.

## Warranty Description:

The product comes with a full guarantee for two years and a limited five-year warranty from the date of sale.

**Within the first 2 years:** All repair costs, material costs, and shipping fees (within China only) are covered free of charge. If necessary, the product may be replaced with a new one at no additional cost.

**From year 3 to year 5:** Repair costs remain free of charge; however, the customer is responsible for the cost of replacement components and shipping fees, in accordance with our company's warranty policy.

### Exclusions from Warranty Coverage

The warranty does not apply in the following situations:

- Damage caused by human factors or force majeure events.
- Improper installation or use that does not follow the contract attachments.
- Failure to install or use the product according to the user manual.
- Abnormal installation or use.
- Unauthorized disassembly or repair without the company's consent.
- Inability to provide proof of purchase from an authorized sales channel.
- Expiration of the warranty period.

## 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	ARTX-MI (TYPE-AB)	Vertical Divergence	3°
Power supply	AC230V, 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℃~+55℃
Emitted color	White (Red Option)	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	IP67
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 characterisc	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 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		

**alrouf**  
LIGHTING TECHNOLOGY CO.Ltd.



**شركة الروف**  
لتقنية الإنارة المحدودة

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Saudi Arabia

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Al Aziziyah. Saudi Arabia

**Riyadh**

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