

AIRPORT BEACON - LED

- STM.801.APB.05 • Two, sealed beam
- STM.802.APB.05 • Two, sealed beam
- STM.801.APB.06 • Four, sealed beam
- STM.802.APB.06 • Four, sealed beam

Related Standards and Compliances

FAA : L-801A - L-802A AC150/5345-12 (Current Edition)
ICAO : Annex14 Vol.1 Par.5.3.3.

Application

L-801A - L-802A Rotating Beacons are designed primarily for night operation as identification and location markers for airports.

Features

- Can be clearly seen at a distance of 40 miles. • Electronically Controlled
- Color emitted (White/Green) directly by LEDs.
- LED Lifetime >50.000 Hours
- 10-18 rpm adjustable or 12 rpm fixed.
- Modular structure for easy maintenance.
- Resistant to the most severe weather conditions.
- Prefocused narrow angled LED matrix
- OLED display for status information.
- Operating Time Recorder.
- Aviation Orange coated, stainless steel body.
- Optional Arctic Kit : For cold weather environments.
- Optional Photo Cell : Turns beacon a sunset, off at sunrise.

Technical Specifications

- Protection Degree : IP67
- Relative Humidity : up to %100
- Working Temperature : Class 1: -30C to +55C (-22F to +131F)
Class 2: -55C to +55C (-67F to +131F)
- Power Source : 110/230V - 50/60Hz
- Power Consumption : 200W Total Power - L-801A
300W Total Power - L-802A
- 48V Remote control relay.
- Feedback relays : Lamp disfunctioning, system ON, motor failure.

Dimensions and Weight

Dimensions : 780mm X 600mm X 500mm
Net Weight : 32Kg
Packaging : In Wooden Box 800mm x 620mm x 520mm



Photometric Performance

Beacon Type	Elevation Angle	Minimum Effective Intensity of Flash in Candelas
L-801A	1 and 2	25,000
	3 to 7	50,000
	8 to 10	25,000
L-802A	1 and 2	37,500
	3 to 7	75,000
	8 to 10	37,500

- The intensities are expressed in white light. For the effective intensity of green light values must be multiplied by 0,40.

