

L-801A(L) LED Medium Intensity Airport Rotating Beacon

Compliance and Applications

- ETL Certified L-801A(L): FAA AC 150/5345-12F Medium Intensity
- ICAO Annex 14, Volume 1, Eighth Edition

Our L-801A(L) LED Airport Rotating Beacon meets L-801A specifications. These medium intensity beacons are designed primarily for night operation as identification and location markers for airports.

Features

- 65% reduction in power consumption over metal halide lamps
- LEDs turn on instantly at full brightness, no warm up required
- Less light pollution, defined light beam has less light "wash"
- Patented belt-drive system eliminates the lubrication required by conventional gear-drive beacons (U.S. Pat. 5,339,224)
- 50,000 minimum effective candelas from +3° to +7°
- 50,000 hour typical lamp life (12 years)
- Two LED lamps: white, aviation green
- All moving parts are permanently lubricated
- Lamps preset 5° above horizontal, adjustable
- 12 RPM rotation, 24 flashes/minute
- Weatherproof steel cabinet, powder coated international orange
- Optional stainless steel cabinet and bearings for highly corrosive environments
- Class I temperature range: -22 to +131°F (-30 to +55°C)
- Class II temperature range: -67 to +131°F (-55 to +55°C)
- Tested to wind velocities of 100 mph (160.9 kph)
- Optional photocell and/or tell-tale relay
- Mountable on an optional tipdown pole
- Power consumption L-801A(L): Class I: 136W; Class II: 536W
- Manufactured in the USA

Shipping Information

Unpackaged Weight: 75 lb. (34 kg)
 USA Shipping Weight: 118 lb. (54 kg)
 USA Shipping Volume: 48"x40"x26" (122 x 102 x 66 cm)
 International Shipping Weight: 118 lb. (54 kg)
 International Shipping Volume: 48"x40"x26" (122 x 102 x 66 cm)

Ordering Information

Part Number	Description
L801AL116	120 VAC, 60 Hz, Class I
L801AL125	220-240 VAC, 50 Hz, Class I
L801AL126	220-240 VAC, 60 Hz, Class I
L801AL216	120 VAC, 60 Hz, Class II
L801AL225	220-240 VAC, 50 Hz, Class II
L801AL226	220-240 VAC, 60 Hz, Class II

NOTE: 220-240 VAC must be single wire with neutral



White LED Lamp



Green LED Lamp

Options

Part Number	Description
L801/802 T/T HBM 120	Tell-Tale Relay, 120 VAC
L801/802 T/T HBM 240	Tell-Tale Relay, 220-240 VAC
4200-0000	Tower Mounting Kit
L801/L802 HBM SS	Stainless Steel Option
Tipdown	Tipdown Pole

Replacement Parts

Part Number	Description
0100-3944	Surge Protector
0200-0031	150W Power Supply
0200-0034	70W Power Supply
0600-0003	Drive Belt
4100-0000-1A	Motor 120 VAC
4100-0006-2	Motor 230 VAC
5000-0003	Pulley, Main Shaft
5000-0004	Pulley, Motor
9100-0015	1/2" Conduit Cover & Gasket
9200-0047	Head Assembly, White
9200-0048	Head Assembly, Green

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Optional Beacon Tipdown Pole

