

# RBMI

## Airport Rotating Beacon

### MEDIUM INTENSITY

#### Compliance with Standards

FAA: L-801 AC 150/5345-12 (Current Edition)  
ICAO: Annex 14, para. 5.3.3

#### Uses

L-801 beacons are designed primarily for night operation as identification and location markers for airports.

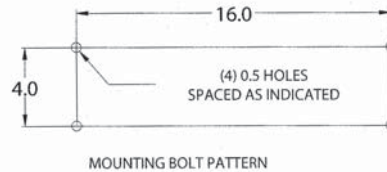
#### Features

- Patented belt-drive system eliminates the lubrication required by conventional gear-drive beacons. (U.S. Patent No. 5,339,224)
- Patented liquid-filled lamp connector eliminates the slip rings and brushes found on conventional beacons (U.S. Patent No. 5,816,678)
- Two 13,000 lumen, 150-watt pulse-start metal-halide lamps
- 12,000 hour typical lamp life (3 years)
- One clear lens and one aviation green lens
- No maintenance except lamp replacement
- All moving parts are permanently lubricated
- Impedance-protected motor eliminates burn outs
- 12 rpm rotation, 24 flashes per minute
- Lamps preset at 5° above horizontal, adjustable
- Weatherproof steel cabinet with powder-coated international orange finish
- Optional photocell and/or tell-tale relay
- Mountable on a Hali-Brite Tipdown Pole. See catalog sheet 2035 for photo and details.
- Electrical Power - The beacon operates on 120 VAC, 60 Hz or 220-240 VAC, 50/60 Hz
- Power Consumption-Class I: 395W; Class II: 795W
- Made in the USA and ETL certified by Hali-Brite, Inc., Crosby, MN

#### Operating Conditions

Temperature: Class I: -22 °F to +131 °F (-30 °C to +55 °C)  
Class II: -67 °F to +131 °F (-55 °C to +55 °C)

Wind: Velocities up to 100 mph (161 kph)



#### Ordering Code

44A4837-10

Type  
0 = Airport

Style  
1 = Standard Base, Belt-Driven

Power  
0 = 120 VAC, 60 Hz, without heater, Class I  
1 = 220-240 VAC, 50 Hz, without heater, Class I  
2 = 120 VAC, 60 Hz, with heater, Class II  
3 = 220-240 VAC, 50 Hz, with heater, Class II  
4 = 220-240 VAC, 60 Hz, without heater, Class I  
5 = 220-240 VAC, 60 Hz, with heater, Class II

#### Notes

- 220-240 VAC must be single wire with neutral.
- Add tell-tale relay for monitoring (see options below).

#### Spare Components

Description	Part No.
Ballast Assembly 50 Hz	0200-0024
Ballast Assembly 60 Hz	0200-0023
Belt	0600-0003
Fuse, motor, 0.5 A	2300-0002
Fuse, lamp, 6.25 A	2300-0010
Lamp, 150 W pulse-start metal-halide	3400-0125
Lens, amber	2800-0025
Lens, clear	2800-0006
Lens, green	2800-0043
Lens clip	1500-0011

#### Optional Accessories

Description	Part No.
Tell-Tale Relay, 120 VAC	L801/802 T/T HBM 120
Tell-Tale Relay, 220/240 VAC	L801/802 T/T HBM 240
Tell-Tale Relay, 220/240 VAC, 50 Hz	L801/802 T/T 240/50
Tower Mounting Kit	4200-0000

#### Packaging

Cube Shipping Volume:	48 x 25 x 25 in (122 x 63.5 x 63.5 cm)
Weight:	110 lb (49.9 kg) - shipping 75 lb (34 kg) - unpackaged