

# airport beacon lights

**A complete line of rotating beacons for airports and heliports of all sizes.**

**Three models now FAA approved.**

**Low start-up cost...  
Low operating cost.**

Manairco offers one of the largest selections of rotating beacons available. With a product visibility range of 30 to 40 miles and a candlepower range from 190,000 to 400,000, operators are sure to find just the right Manairco beacon to meet their needs.

All units offer any combination of clear, green, red and amber color filters to meet current specifications. If any special requirements are needed for your application, please let us know, we'll help you get what you need any way we can. A complete stock of repair parts for all units is always available from our warehouse.



**Manairco**

Quality Lighting Since 1955  
[www.manairco.com](http://www.manairco.com)



## manairco beacons let you upgrade to 24 hours-a-day service at minimum cost!

### MODEL AB-500P64

#### Visibility 30 Miles 190,000 Candlepower

Our most popular and efficient beacon. Designed for large airports where operating cost is a factor. Visibility range up to 30 miles using half the power of larger units. Lamps mounted in heavy cast aluminum housings with quick release lens for easy lamp replacement. Lamp housing and rotating mechanism are completely weather resistant. Simple installation.

### MODEL AB-1000D\*

#### Visibility 40 Miles 400,000 Candlepower

Our top of the line in two headed rotating beacons. Featuring light-weight aluminum enclosure. Heavy-duty gear motor. Completely adjustable angle heads with hinged door for easy lamp replacement. Optional arctic kit available for cold weather environments.

### MODEL AB-500HP64\*

#### Visibility 30 Miles 285,000 Candlepower

Designed for all heliport applications. Featuring 3- 500 watt lamps with clear, green, and amber color filters. 36 flashes per minute with 12 RPM motor. Range up to 30 miles. Light-weight aluminum enclosure. Easy installation. The right choice for any heliport.

### MODELS AB-500FP64/AB-1000F\*

#### AB-500FP64 Visibility 30 Miles 190,000 Candlepower

#### AB-1000F Visibility 40 Miles 400,000 Candlepower

Two fail-safe beacons with automatic lamp switching. Should either of the primary lamps burn out, the stand-by pair of lamps will automatically light and cancel the primary set. Standard tell-tale circuit warns operations when stand-by lamps go on. All features of other models with aluminum enclosures.

### BEACON OPTIONS

**PHOTO ELECTRIC CELL** Turns beacon on at sunset, off at sunrise. No wasted electricity for 24 hour operation.\*\*

**24 HOUR TIME CLOCK** Beacon only runs during hours as preset by operator.\*\*

**RECEIVER/CONTROLLER** Controls beacon by radio from aircraft. Please refer to separate literature for more information.

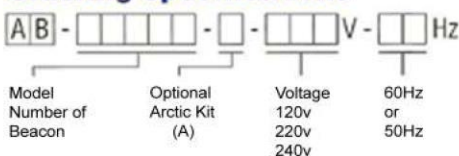
**ARCTIC KIT** An installed option for beacons operating in cold weather environments. Kit automatically keeps motor and beacon housing warm when temperature drops. Requires additional separate 117 volt circuit.

\*\*These devices should not be used for loading the beacon. It is recommended that they be used in conjunction with an appropriately sized contactor.

\*FAA Approval per specification L801A. Arctic kit option does not effect approval. All models are available 220 VAC or 240 VAC, 50 HZ for export.

Model	RPM	Dimensions	Actual Weight	Lamps	Beam Width	Rated Lamp Life	Power Requirements
AB-500P64	12	30" high, 22" diameter	40 lbs.	Two, sealed beam, 500W PAR 56	5° wide x 32° high	4000 hours	117V AC, 60 hz, 1900 watts, 10.2 amps
AB-1000D*	12	34" high, 23" diameter	65 lbs.	Two, sealed beam, 1000W PAR 64	5° wide x 30° high	4000 hours	117V AC, 60 hz, 2250 watts, 19.2 amps
AB-500HP64*	12	33" high, 27" diameter	52 lbs.	Three, sealed beam, 500W PAR 56	5° wide x 32° high	4000 hours	117V AC, 60 hz, 1750 watts, 15.0 amps
AB-500FP64	12	33" high, 22" diameter	65 lbs.	Four, sealed beam, 500W PAR 56	5° wide x 32° high	4000 hours	117V AC, 60 hz, 1250W, 10.6 amps
AB-1000F*	12	33" high, 25" dia.	70 lbs.	Four, sealed beam, 1000W PAR 64	5° wide x 30° high	4000 hours	117V AC, 60 hz, 2250W, 19.2 amps

### Ordering Specifications



**LIMITED WARRANTY**  
 All Manairco lighting equipment is guaranteed against defects in materials and workmanship for a period of one year (exclusive of bulbs or lamps).

# Manairco

AIRPORT AND HELIPORT LIGHTING

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