



## APRB-252 MARINE ROTATING BEACON

The APRB-252 is an extremely successful medium range rotating beacon designed for remote installations, with a range of up to 22 nautical miles. The APRB-252 Rotating Beacon's highly efficient design, low maintenance drive system, and resistance to the corrosive marine environment make it the ideal choice for Remote Solar Installations. The APRB-252 is Light Weight and can be carried by one technician for installation.

### Features

- All IALA Recommendations are met
- All IALA Colors are available
- Highly efficient precision molded, acrylic, Fresnel lenses and UV stable seamless, molded acrylic cover are configured in a proven environmental packaged system
- Highly efficient, motor-drive system with a microprocessor controlled 4-phase stepper motor
- Optical system is comprised of a hexagon arrangement using up to 6 Fresnel lenses rotated around a wide choice of stationary light sources
- Lens panels contain both catadioptric and dioptric injection molded lens element
- Replacement of selected panels with blanking plates or colored panels provides for a wide variety of flash codes, including group flashes and alternating colors commonly used on airway beacons
- Optional tungsten halogen, metal halide and xenon lamps
- AC or DC input
- Integrated bird spike



- Lenses easily extractible for cleaning
- Level indicator
- Minimum maintenance
- Hex switch selectable speeds from 0.5-10 rpm
- More than 20 year duty life

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**SPECIFICATIONS**

<b>Height:</b>	705 mm (27.75")
<b>Weight:</b>	15 kg (33 lbs.)
<b>Input Voltage:</b>	12/24 VDC or 90-240 VAC
<b>Power Consumption:</b>	Less than 1.5 Watt/Lamps 200 Watts Max.
<b>Available Colors:</b>	All IALA Colors Available
<b>Lens Type:</b>	Molded Acrylic Lens Panels
<b>Visibility:</b>	Up to 22 NM@ 0.5 RPM
<b>Vertical Divergence:</b>	3° to 10%
<b>Monitor and Control:</b>	RS-232/RS-485 (Optional)
<b>Lantern Housing:</b>	Marine Grade Cast Aluminum
<b>Operating Temperature:</b>	-40°C to 60°C

\*Specifications subject to change without notice.

