



## OVERVIEW

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.

## KEY 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 catastrophic and dioptic 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

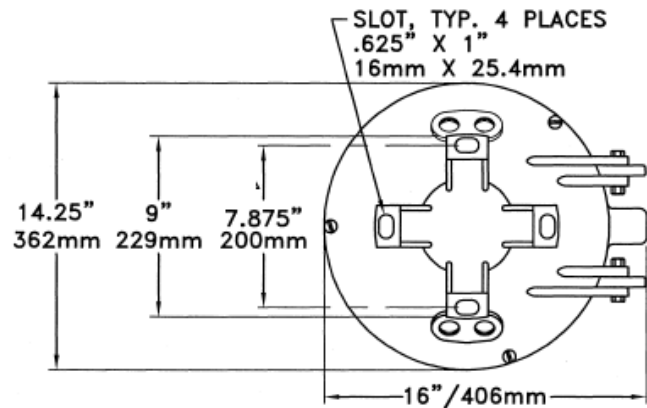
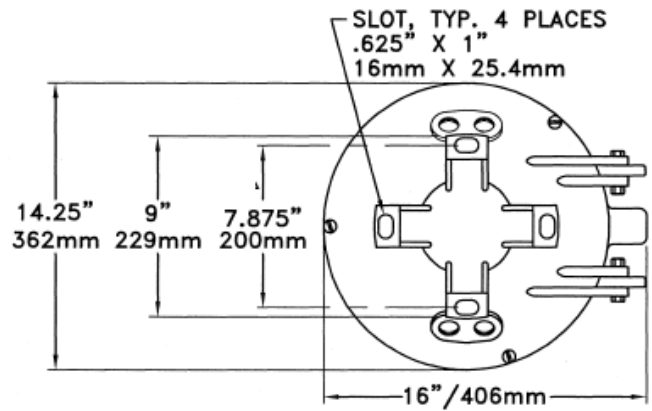
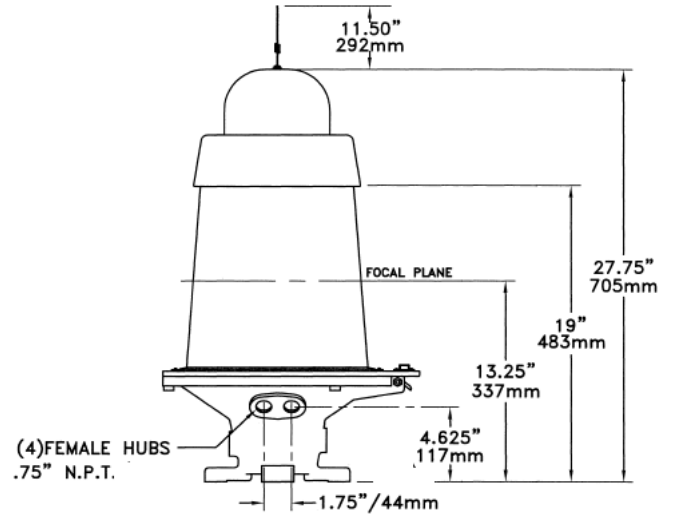
## OPTIONS

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

Class A, B and C compliant in accordance with USCG 8th District 33 CFR Part 67 for artificial island and structures, and 33 CFR Part 66 for 3 and 6.3 NM private navigation aids.

## PHYSICAL SPECIFICATIONS

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



\*All values are subject to change without notice.

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