



## VRB-25 LED

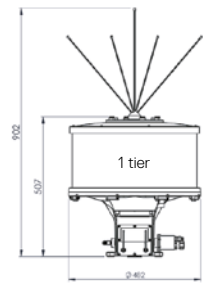
25NM @ 0.74T

The VRB-25 LED is a high intensity rotating beacon suitable for ranges up to 25 nautical miles. Being an LED beacon, it is extremely energy efficient and can be monitored digitally.

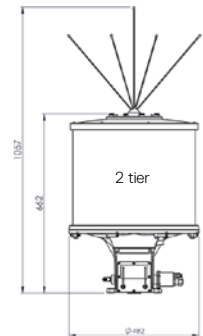
It is an ideal replacement for beacons with Fresnel lenses in historic lighthouses, or locations requiring intensities greater than what can be achieved with typical stationary beacons.

- Weatherproof enclosure suitable for external mounting
- Maintenance-free LED
- Constant-current LED drivers
- Direct-drive brushless motor
- 0.6 to 15.9RPM rotation speed with 240 increments
- Day and night intensity is adjustable from 0 to 100%
- Automatic day/night detection
- Optional security code
- Programmable low-voltage cut-out
- Selectable master/back-up operation mode
- Digital inputs/output
- RS232 port

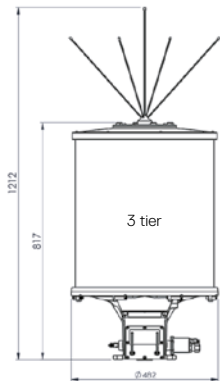




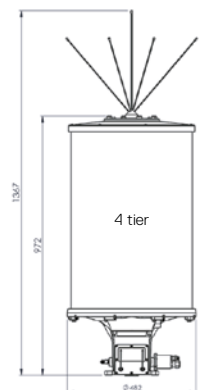
EST Weight: 43KG  
Focal Height: 390mm



EST Weight 58KG  
Focal Height: 467mm



EST Weight: 73KG  
Focal Height: 545mm



EST Weight 87KG  
Focal Height: 622mm

Optical Performance

Maximum peak intensity

1.5°	520000cd	520000cd	520000cd	520000cd
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Optical specification

Light source	High Power Light Emitting Diode (LED)
Horizontal divergence	1.5° @ 5% of specified intensity
Vertical divergence	1.5° @ 5% of specified intensity
Temperature control	LEDs monitored for constant intensity control and over temperature protection

Main Technical Specification

Nominal Range	Up to 25 NM
Lens	Machined cast acrylic
Base	Cast marine grade aluminium, anodised and painted
Body	Anodised marine grade aluminium
Designed service life	10 years
Weight	1 tier: 43 kg
	2 tier: 58 kg
	3 tier: 73 kg
	4 tier: 87 kg
Flash character	Dependent on configuration
Temperature range	-35° – +50°C
Voltage	12 VDC
Solar charger	N/A
Degree of protection	IP 65
RPM range	0.66-15.9
Cable length	2 m / 6 m

Order Overview VRB-25 LED

Product code

Code	Note
VRB25-xP-nT-LED	
x	Number of panels (6 or 8)
n	Number of tiers (1, 2, 3, 4)

Option matrix

LPD-02	Lightening protection device factory option
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