



**The VRB-25-LED, is a powerful, reliable and compact rotating LED beacon, suitable for ranges from 15 to 26NM, according to its configuration.**

- Configurations available with 6 or 8 panels
- One panel can receive from 1 to 5 LED lenses according to required intensity and range
- Each panel can be individually controlled, which enables using different colours on each panel and switching panels on or off to generate variable characters
- Each beacon is individually tested on factory before delivery
- Rotating system designed for 20 years operation without specific maintenance
- 248 rotating speeds available (from 0.5 to 15.9 rpm)
- Intensity and day/night transition levels are provided using a TVIR programmer
- With the control inputs and outputs available, it is possible to directly connect 2 beacons for main and standby operation.
- The electronics controllers can be accessed from the base by sliding two latches. All external fasteners are captive.

### Options

- On and off control
- External day/night control
- Light on output
- Alarm/monitor output to indicate health or alarm
- AIS outputs for message 21, beacon on, healthy
- RS232 or 485 smart beacon output
- Monitoring with VegaWeb, VegaSMS or Vega AtoN AIS (using message 6)

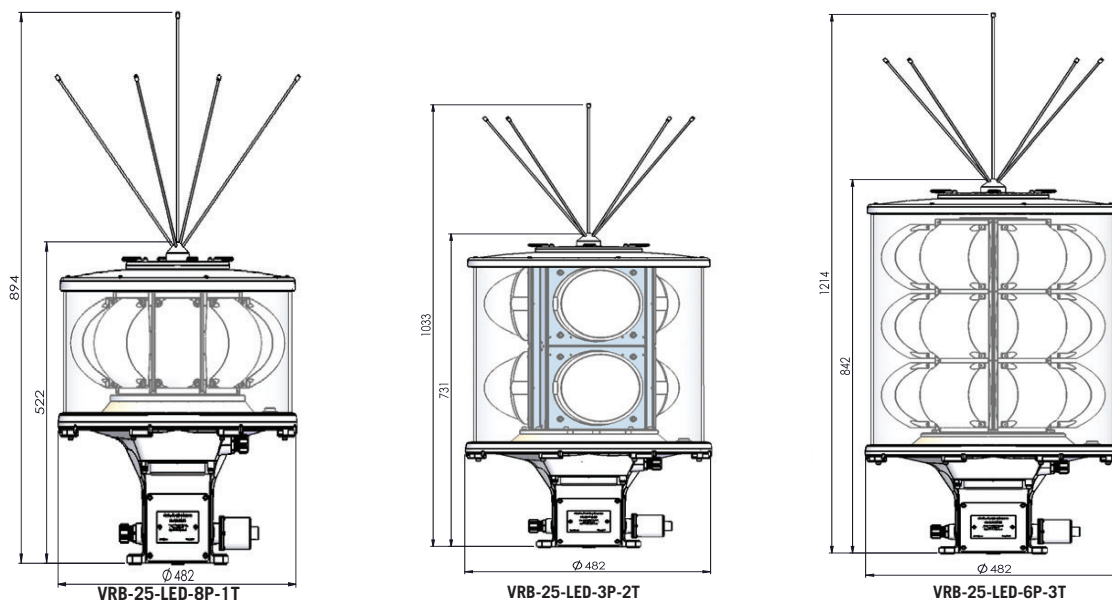


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# LED ROTATING BEACON VEGA VRB-25

	Technical specifications for VRB-25-LED
<b>Lenses</b>	acrylic, 178.5mm focal length, approx. 7 years of service life
<b>Base</b>	DT 5008 grade aluminium, anodised to 25µ, epoxy primer paint
<b>Motor drive</b>	30-pole brushless three-phase direct drive
<b>Power supply</b>	12Vdc nominal
<b>Current</b>	125mA for rotation, 620mA per LED at full power
<b>Photocell</b>	can operate from internal sensor or external day/night control
<b>Temperature</b>	rated for continuous operation -35°C to +60°C ambient
<b>Salt</b>	rated for continuous exposure to salt air and sea water spray
<b>Humidity</b>	rated for humidity 0-100%, driving rain at 45° from vertical
<b>Wind</b>	rated to withstand winds to 100kt
<b>Cooling</b>	natural radiation only, no cooling fan or ventilation required

## Dimensions



## Weights

Model	6 panels	8 panels
1 tier of LED	39 kg	46 kg
2 tiers of LED	52 kg	58 kg
3 tiers of LED	65 kg	70 kg

Specifications subject to change or variation without notice - Sept. 2015

