



The VLB-44 is a very high efficient beacon with an acrylic lens that maximises the light capture from the LEDs. Its low consumption allows to reduce the associated generator for solar supply.

- 3 vertical divergences available:
 - 2.5° for lighthouse
 - 5° for land/pole use
 - 10° for buoy
- 1 to 8 tiers of LEDs to provide a wide scope of ranges
- Available in traffic light version: VLB-44E
- LEDs temperature monitored for control intensity
- Colours meet IALA chromaticity requirements
- Automatic Schmidt-Clausen intensity correction
- Easy programming with TVIR programmer
- Up to 15 programmable effective intensity settings
- Programmable flash characters: 246 + 1 custom
- 20 factory set custom characters
- Watertightness: IP 68
- Design life > 10 years

Options

- External GPS sync system using the Vega VSU-29 unit
- Monitoring system with VegaWeb
- Output for connection to AIS unit



No. of tiers	Vertical divergence 2.5° colour & night range	Vertical divergence 5° colour & night range	Vertical divergence 10° colour & night range
1	R9.3 – W9.6 – G9.3 – Y9	R8.4 – W8.5 – G8 – Y7.5	R7.4 – W7.4 – G7.1 – Y6.7
2	R10.7 – W11.1 – G10.7 – Y10.2	R9.6 – W9.6 – G9 – Y8.7	R8.6 – W8.4 – G8.5 – Y8
3	R11.5 – W12 – G11.7 – Y11.3	R10.5 – W10.5 – G10 – Y9.5	R9.6 – W9.3 – G9.3 – Y8,6
4	R12 – W12.5 – G12.3 – Y12	R11 – W11.1 – G10.9 – Y10	R10.2 – W9.9 – G9.9 – Y9,3
5	R12.6 – W12.8 – G12.6 – Y12.5	R11.5 – W11.7 – G11.1 – Y10.5	R10.5 – W10.2 – G10.1 – Y9.6
6	R13 – W13.2 – G13.1 – Y12.7	R12 – W12 – G11.5 – Y10.9	R11 – W10.7 – G10.5 – Y10
7	R13.2 – W13.5 – G13.5 – Y13.2	R12.3 – W12.5 – G11.6 – Y11	R11.4 – W11.1 – G10.7 – Y10.3
8	R13.5 – W14 – G13.7 – Y13.5	R12.5 – W12.7 – G12 – Y11.5	R11.5 – W11.4 – G11 – Y10.5

A selector is available online to confirm the beacon suitability according to vertical divergence, location, range, colour and flash character: www.solar.vega.co.nz (calculators menu).

GISMAN is the authorized distributor for VEGA products in many countries. For further details, please contact us.

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

