

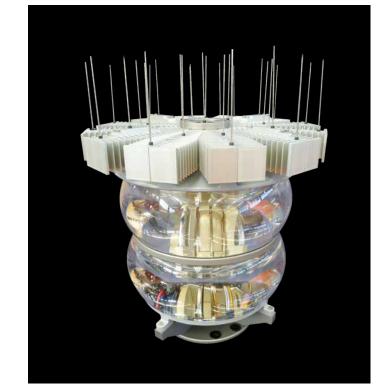
## **VLB-92**

### 13NM - 22NM @ 0.74T

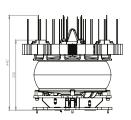
The VLB-92 is state-of-the-art long range LED beacon. It is intended for applications requiring very high intensity.

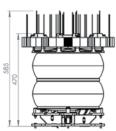
Depending on the configuration, the beacon is able to produce a range from 13-22NM at a transmissivity of 0.74T.

- Effective intensity settings (5,800-240,000cd)
- Day/night transition level settings (40-250 lux range)
- Programmable flash characters, including IALA recommended characters
- Programmable custom character
- Synchronisation control including master/slave
  options and sync delay
- Synchronising delay can be set from 0 to 9.9 seconds
- Low voltage cut-out setting
- Optional security code

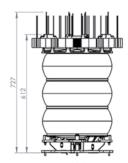




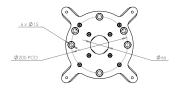




2 TIER NET MASS: APPROX 38 KG



3 TIER NET MASS: APPROX 47 KG



#### **Optical Performance**

| Maximum intensity / layer | 80000cd   |
|---------------------------|---|
|                           |   |
| Optical specification     |   |
| Light source              | High Power Light Emitting Diode (LED)             |
| Vertical divergence       | ±1.6° @ 50% peak                                  |
|                           | ±0.8° @ 10% peak                                  |
| Temperature control       | LEDs monitored for constant intensity control and |
|                           | over temperature protection                       |

#### Main Technical Specification

| Nominal Range         | Up to 22 NM  |
|-----------------------|--|
| Lens                  | Machined cast acrylic  |
| Base                  | 2 part painted cast marine grade aluminium   |
| Body                  | Anodised marine grade aluminium  |
| Designed service life | 10 years   |
| Weight                | 1-tier 31,8kg<br>2-tier 38kg<br>3-tier 47kg  |
| Flash character       | 246 standard characters plus 1 custom character;<br>20 factory set custom characters |
| Temperature range     | -30° – +50°C   |
| Voltage               | 24 VDC (20-36 VDC)   |
| Solar charger         | N/A  |
| Degree of protection  | IP 67  |
| Cable length          | 2 m / 6 m  |

# **Order Overview VLB-92**

| Product code      |  |
|-------------------|--|
| Code              | Note   |
| VLB-92-W-1.6-24-Y |  |
| Y                 | Tiers (1 T, 2 T, 3 T)                          |
| Option matrix     |  |
|                   | Optional integrated GPS synchronization using  |
| VSU-29            | the VSU-29 GPS Sync Unit. VSU-29 requires 12 V |
|                   | operating voltage.                             |

Infrared remote

REMOTE-02