



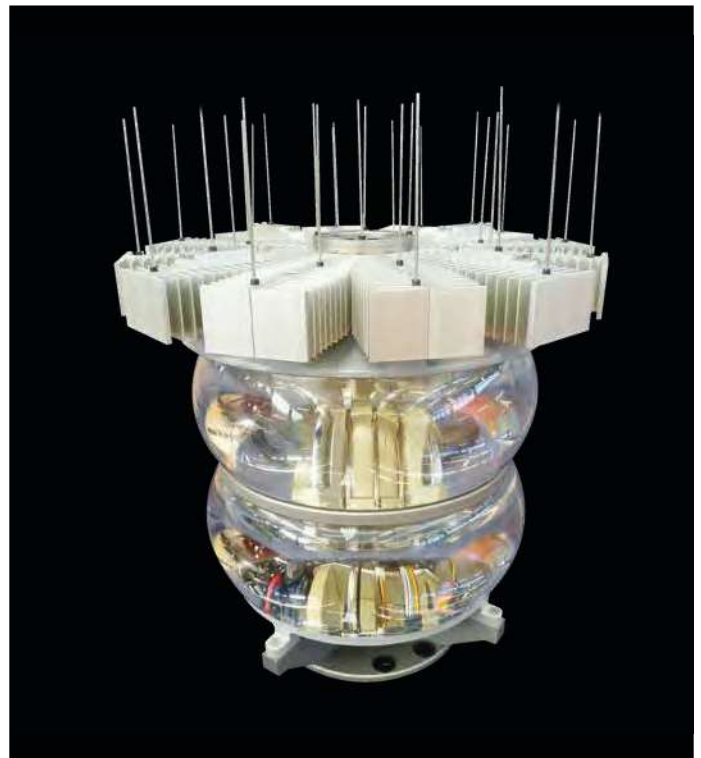
VLB-92

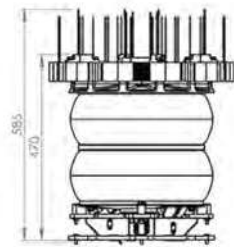
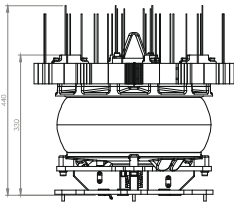
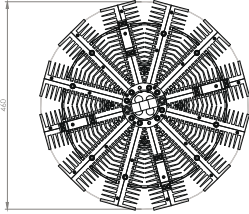
13NM - 22NM @ 0.74T

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

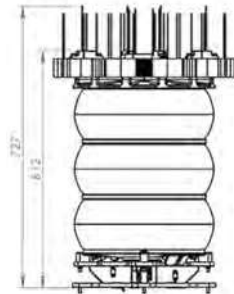
Depending on the configuration, the beacon is able to produce a range from 13-22NM at a transmissivity of 0.74T.

- **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**

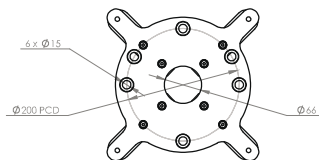




2 TIER
NET MASS: APPROX 38 KG



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 2-tier 38kg 3-tier 47kg |
| Flash character | 246 standard characters plus 1 custom character; 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

| | |
|-----------|---|
| VSU-29 | Optional integrated GPS synchronization using the VSU-29 GPS Sync Unit. VSU-29 requires 12 V operating voltage. |
| REMOTE-02 | Infrared remote |