



VRL-91

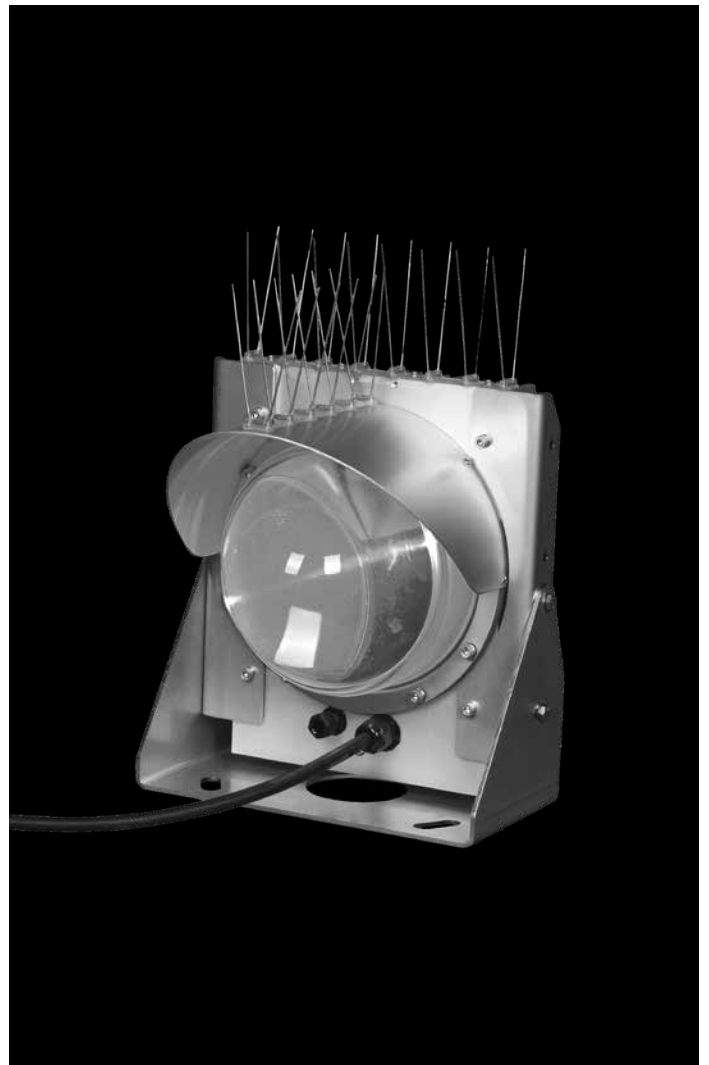
5.4NM by day
23NM by night

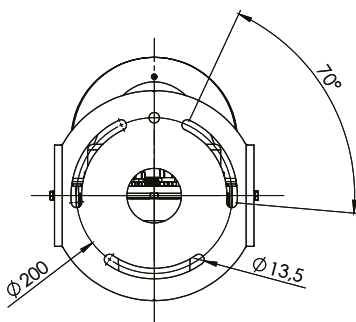
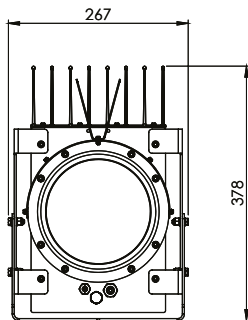
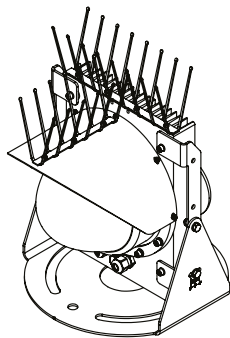
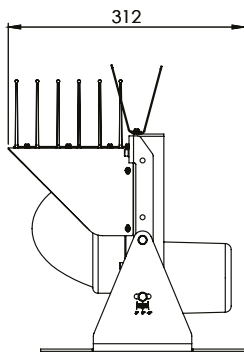
The VRL-91 high power LED range light forms part of the Vega LED marine beacon family and is intended for applications requiring very high intensity.

A single white VRL-91 lens using a single LED produces an intensity of up to 403000 candela, which provides a range of 23 NM at 0.74T with no background light.

Programming features (with IR remote programmer):

- **Automatic Schmidt-Clausen intensity correction for short flashes**
- **Multiple effective intensity settings for both day and night operation**
- **Day/night transition level settings**
- **Fully programmable flash characters**
- **One programmable custom character**
- **Synchronisation control including master/slave options and sync delay (optional)**
- **Supply voltage monitoring**
- **Programmable low voltage cut out**
- **RS-232 data port compatible (optional)**
- **Optional security code**





Optical Performance

Maximum peak intensity

±1.5°	136000cd	276000cd	500000cd
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Optical specification

Light source	High Power Light Emitting Diode (LED)
Horizontal divergence	±1.5°
Vertical divergence	±1.5°

Main Technical Specification

Nominal Range	Up to 23 NM
Lens	Machined cast acrylic
Body	Anodised marine grade aluminium
Weight	7.5 kg
Flash character	246 standard characters plus 1 custom character
Temperature range	-30° to +50°C
Voltage	12/24 VDC (10-30 VDC)
Degree of protection	IP 67
Cable length	2 m / 6 m

Order Overview VRL-91

Product code

Code	Note
VRL-91-c(-GS)	
c	Color (R, G, W)

Option matrix

GS	Internal GPS as factory option
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