

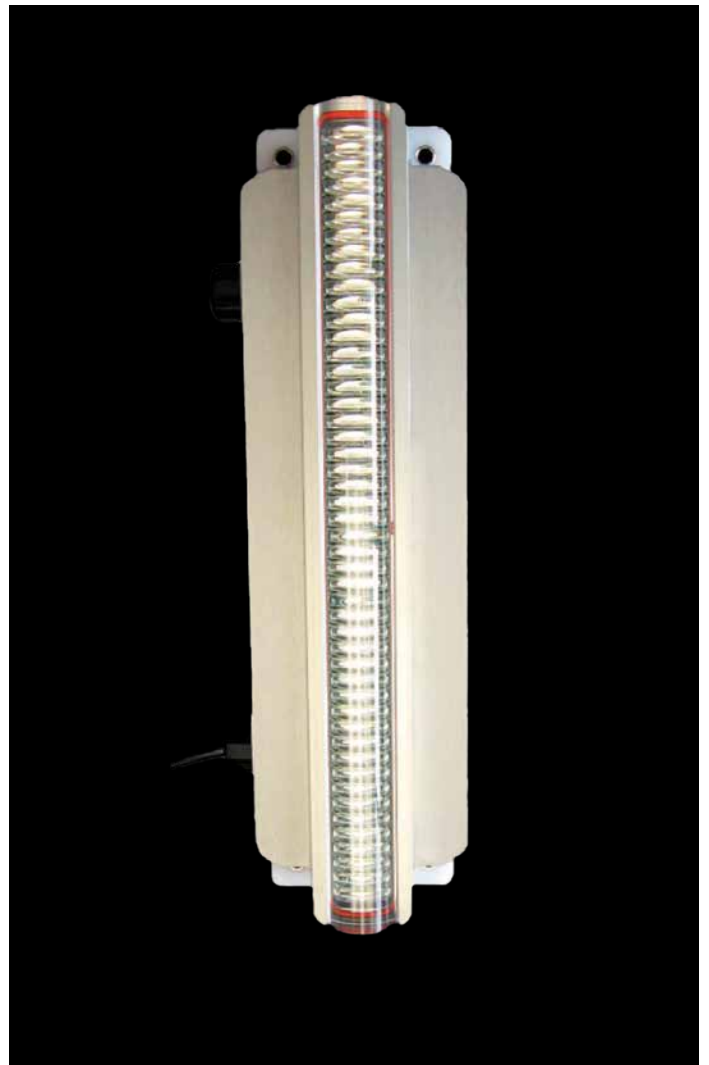


VLL-43

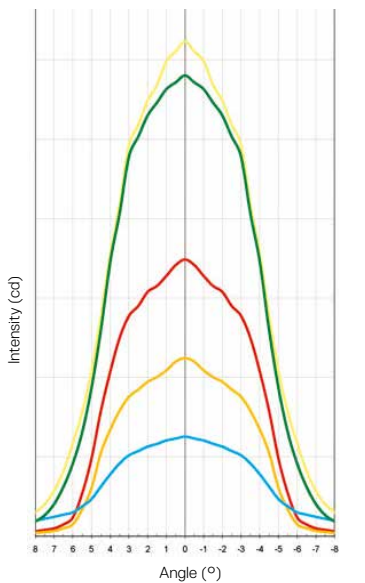
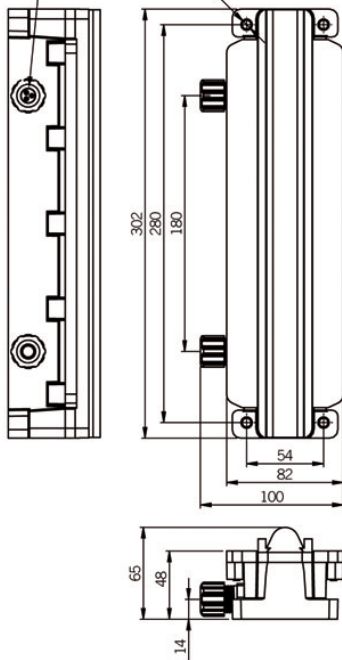
13NM to 22 NM @ 0.74T

The VLL-43 Linear Lead Light is powerful unidirectional light ideal for marking short ranges and obstacles. The optical system utilises an acrylic lens to capture and project the light from the high-powered LEDs. The LEDs are precisely graded and placed to produce a light beam with minimum variation in intensity. Any number of these lights can be used to achieve the desired range. Each unit has its own control board and can be operated individually.

- Separate intensity settings for day
- Nine night/day transition settings
- Up to 246 standard flash characters
- One programmable custom character
- Wired synchronisation with options of master/slave
- Synch delay from 0.1 to 9.9 seconds
- Battery low voltage cut off
- Optional PIN code for programming
- External GPS synchronisation using the VSU-29 unit
- Automatic Schmidt-Clausen correction for intensity



REPLACED WITH 3 PIN SOCKET FOR PLUG AS SOCKET OPTION.
2 CABLE GLANDS SUIT $\varnothing 6$ TO $\varnothing 10$ CABLE.
4 MOUNTING HOLES $\varnothing 6$



Yellow Green Blue Red White

Optical Performance

Maximum peak intensity

8.5° 1740cd 2900cd 1120cd 3120cd 630cd

Optical specification

Light source	High Power Light Emitting Diode (LED)
Horizontal divergence	8.5° @ 50% ±20° at 50% peak intensity ±15° at 50% peak intensity
Vertical divergence	±20° at 50% peak intensity ±7.5° at 50% peak intensity ±15° at 50% peak intensity
Temperature control	LEDs monitored for constant intensity control and over temperature protection

Main Technical Specification

Nominal Range	Up to 16 NM
Lens	Machined cast acrylic
Base	Injection moulded UV stable plastic
Body	Marine grade aluminium anodises
Weight	1,4 kg
Flash character	246 standard characters
Temperature range	-30° to +60°C
Voltage	12 VDC (9-18 VDC)
Solar charger	N/A
Degree of protection	IP 68
Cable length	2 m / 6 m

Order Overview VLL-43

Product code

Code	Note
VLL43-c(-GS)	
c	Color (R, G, Y, W, B)

Option matrix

GS	External GPS synchronization using the VSU-29 unit
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