



VLL43

0,8 NM to 11,7 NM @ 0.74T

The VLL43 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.

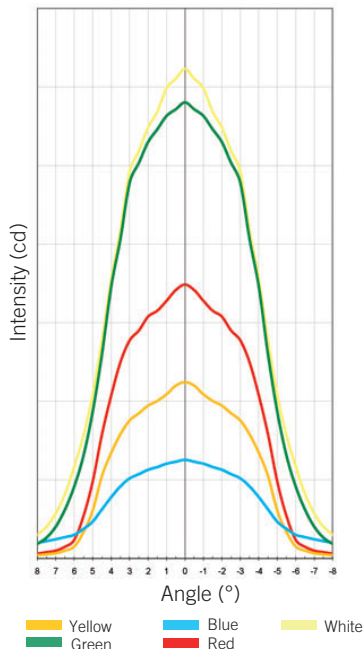
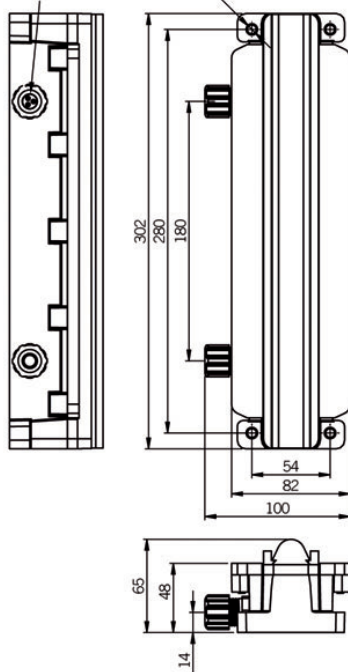
- Separate intensity settings for day
- Nine night/day transition settings
- Up to 246 standard flash characters
- Range 17,1 NM by night and 0,9 NM by day @ 0,85T
- One programmable custom character
- Wired synchronisation with options of master/slave
- Sync delay from 0.1 to 9.9 seconds
- Battery low voltage cut off
- Optional PIN code for programming
- External GPS synchronisation using the VSU-29 unit
- Automatic Schmidt-Clausen correction for intensity



REPRESENTED BY:

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REPLACED WITH 3 PIN SOCKET
FOR PLUG AS SOCKET OPTION.
2 CABLE GLANDS SUIT
Ø6 TO Ø10 CABLE



Optical performance

Maximum peak intensity

8.5° 1 740 cd 2 900 cd 1 120 cd 3 120 cd 630 cd

Optical specification

Light source

High Power Light Emitting Diode (LED)

Horizontal divergence

8.5° at 50% peak intensity

Vertical divergence

40° at 50% peak intensity

30° at 50% peak intensity

40° at 50% peak intensity

15° at 50% peak intensity

30° at 50% peak intensity

Temperature control

LEDs monitored for constant intensity control and over temperature protection

Main technical specification

Nominal range

Up to 11,7 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 / -22° to +140°F

Voltage

12 VDC (9 - 18 VDC)

Solar charger

N/A

Degree of protection

IP68

Cable length

2 m / 6 m

Order Overview VLL43

Product code

Code

Note

VLL43-c-OPT

c

Color (R, G, Y, W, B)

OPT

Options

Option matrix

GS

External GPS synchronization using the VSU-29 unit

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