

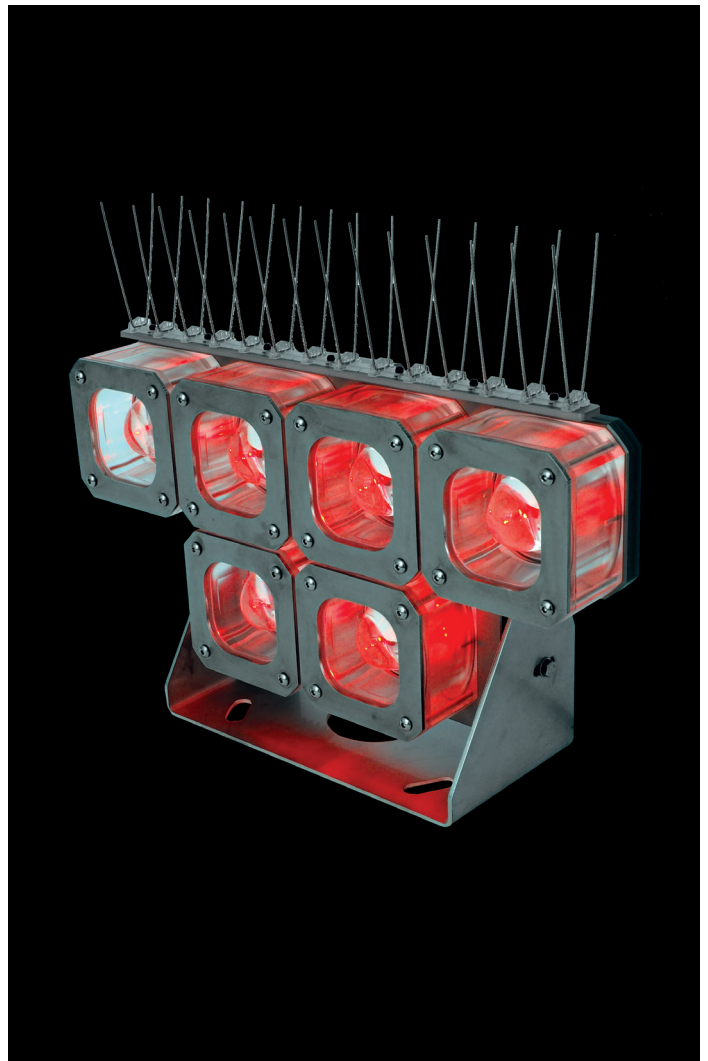
VRL-74

22 NM by night, 13 NM by day

The VRL-74 is a LED range light operating through an optical grade acrylic lens. The horizontal and vertical profiles can be widened with the use of spreader lenses. By adding spreader lenses, both vertical and horizontal divergence can be increased, making the VRL-74 highly versatile. Spreader lenses are available in multiples of 3 degrees, with the smallest divergence being 3 degrees vertical and 3 degrees horizontal. This means the VRL-74 can be used in a broad range of locations and situations.

The standard offering for the VRL-74 comes in 1-6 different lenses and any of 5 colours depending on your requirements.

- Multiple effective intensity settings for both day and night operation
- Day/night transition level settings
- Programmable flash characters
- Range 30,7 NM by night and 3,9 NM by day @ 0,85T
- Synchronisation control, master/slave options
- Low voltage cut out
- Optional security code
- Automatic Schmidt-Clausen intensity correction for short flashes



Optical performance

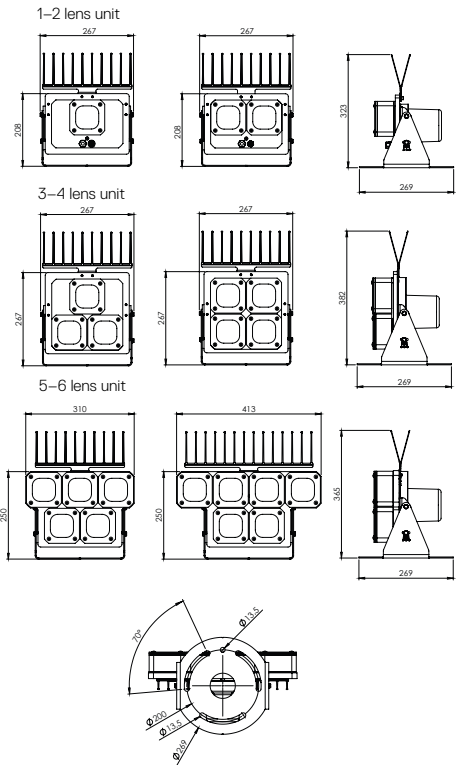
Maximum peak intensity per optic					
3°	33 000 cd	37 700 cd	96 000 cd	33 000 cd	13 600 cd

Optical specification

Light source	High Power Light Emitting Diode (LED)
Horizontal divergence	3° @ 50% of peak intensity (FWHM)
Vertical divergence	3° @ 50% of peak intensity (FWHM)

Main technical specification

Nominal range	Up to 24,2 NM
Lens	Machined cast acrylic
Base	304 SS
Body	Anodised marine grade aluminium
Weight	Single len unit 4 kg
	Two lens unit 4.2 kg
	Three lens unit 5.2 kg
	Four lens unit 5.4 kg
	Five lens unit 6.1 kg
	Six lens unit 7.2 kg
Flash character	246 standars characters plus 1 custom character
Temperature range	-30° to +50°C / -22° to +122°F
Voltage	12/24 VDC (10 - 30 VDC)
Solar charger	N/A
Degree of protection	IP67
Cable length	2 m / 6 m



Order Overview VRL-74

Product code

Code	Note
VRL-74-cnxy(-GS)	
c	Color (R, G, W, Y, B)
n	Number of lenses
x	Horizontal spreader information
y	Vertical spreader information

Option matrix

GS	Internal GPS as factory option
----	--------------------------------