



## VLS46

**Adjustable LED sector light  
19 NM by night, 3 NM by day**

The VLS46 is ideal for harbours with narrow or difficult approaches. The modular design allows up to seven projectors to be placed side by side. This can be used to create unique sector angles, flash patterns and intensities.

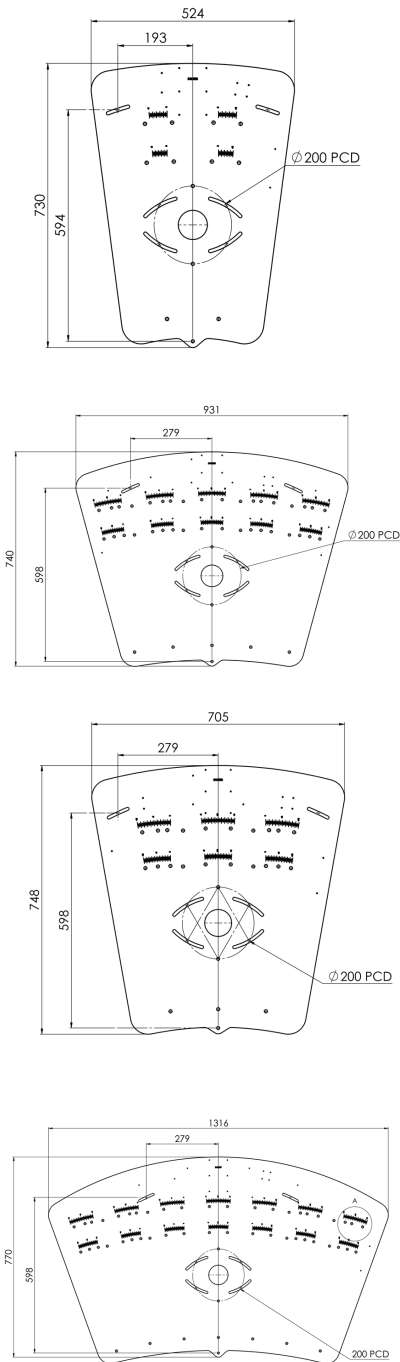
The VLS46 has been designed to take advantage of the latest LED technology. The key features include:

- **Peak intensity up to 14800cd**
- **Large vertical divergence for visibility by all types of vessels**
- **Only one tower is required, compared with range lights. This reduces the installation and maintenance cost by half**
- **Each projector can be individually adjusted to the width required for the application, within the limits defined in this brochure and product manual**
- **Energy-efficient LED technology is ideal for solar-powered sites**
- **Range 22,9 NM by night and 1,8 NM by day @ 0.85T**
- **Maintenance free design (no moving parts) will save money and time**
- **Lightweight marine-grade aluminium construction makes the unit light and easy to handle**



Performance

Product	Horizontal divergence	Vertical divergence @ peak intensity	Peak intensity red	Peak intensity green	Peak intensity yellow	Peak intensity white
VLS46-05D	5°	3.6°	9 000 cd	8 300 cd	12 300 cd	14 800 cd
VLS46-10D	10°	7.2°	2 300 cd	2 140 cd	3 030 cd	3 480 cd
<b>Power consumption @ peak intensity</b>			3 W	3.8 W	4.3 W	4.7 W



Main Technical Specification

<b>Horizontal divergence</b>	5°, adjustable from 0.5 – 5° (linear adjustment) 10°, adjustable from 1.0° (linear adjustment)
<b>Lens</b>	Acrylic and glass
<b>Light source</b>	High power Light Emitting Diode (LED)
<b>Base</b>	Marine grade aluminium
<b>Body</b>	Marine grade aluminium and injection moulded UV stable plastic
<b>Designed service life</b>	10 years
<b>Weight</b>	2.4 - 19.1 kg
<b>Temperature range</b>	-30° to +50°C / -22°F to +122°F
<b>Voltage</b>	10 - 30 VDC
<b>Solar charger</b>	N/A
<b>Degree of protection</b>	IP 67
<b>Cable length</b>	2 m / 6 m

Order Overview VLS46

Product code

Code	Note
VLS46-ddd-cx-BP-OPT	
<b>ddd</b>	Lens
<b>c</b>	Color (R, G, W, Y)
<b>x</b>	Quantity of projectors (1-7)
<b>BP</b>	Base plate
<b>OPT</b>	Options
<b>Option matrix</b>	
<b>GS</b>	Internal GPS sync module as factory option