



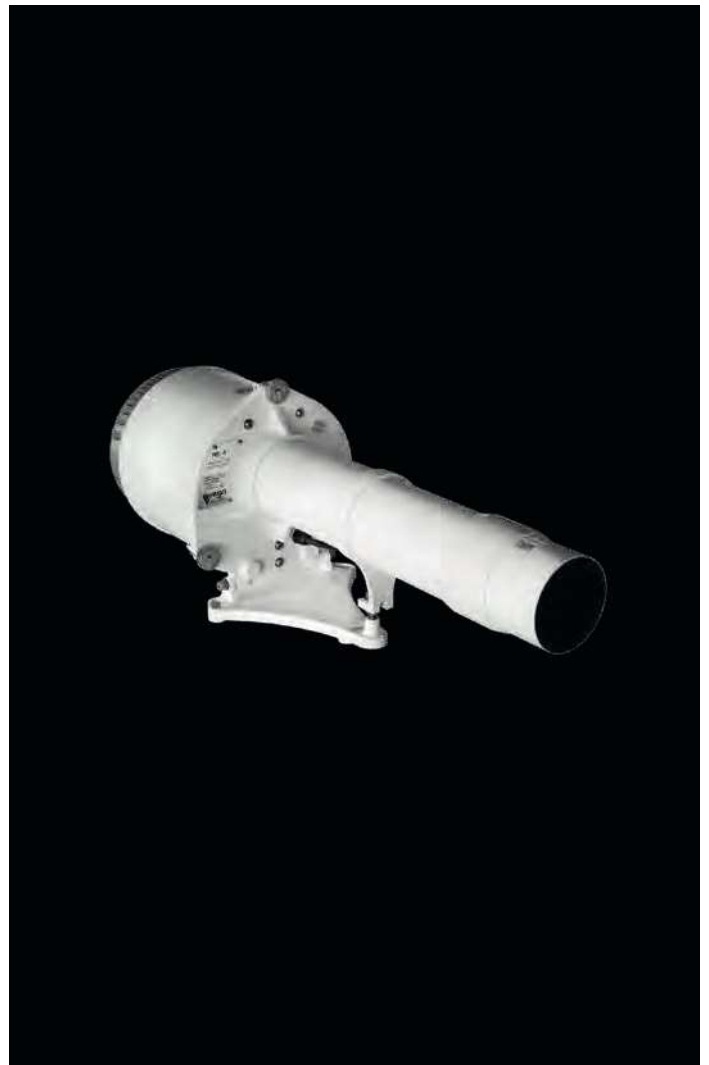
PEL-4

3.5°, 5° and 10° horizontal divergences

The PEL-4 is a precise aid to navigation. When sailing through hazardous waters, the PEL-4 will provide sharp visual feedback whether you are inside or outside a sector. If combined with oscillating boundary, the exact position within the sector will also be known.

The PEL-4 is equipped with LED technology and is bright enough to be used day and night. It is energy efficient and maintenance free as well. This makes it solar-power friendly and removes costly re-lamping visits.

- Horizontal divergence available from 3.5° to 10°
- Weatherproof enclosure suitable for external mounting
- Maintenance-free LED (easy to replace if needed)
- Constant-current LED drivers
- Fully programmable IALA flash characters
- Adjustable day and night intensity from 0.3% to 100%
- Automatic day/night detection and change-over
- Optional security code
- Programmable low-voltage cut-out
- Selectable master/back-up operation mode
- Digital input/output
- Optional oscillating boundary



Optical Performance

Maximum peak intensity

3.5D	77500cd	77500cd	350000cd
5D	50000cd	50000cd	225000cd
10D	20200cd	20200cd	91000cd

Optical specification

Light source	High Power Light Emitting Diode (LED)
Horizontal divergence	3.5D: 3.5°
	5D: 5°
	10D: 10°
Vertical divergence	3.5D: 2°
	5D: 3°
	10D: 5.3°

Main Technical Specification

Lens	Acrylic and glass
Base	Bronze
Body	Bronze, stainless steel, marine-grade aluminum
Weight	47 kg
Flash character	256 flash characters
Temperature range	-35° to +85°C
Voltage	12/24 VDC (10 to 30 VDC)
Degree of protection	IP 67
Cable length	2 m / 6 m

Order Overview PEL-4

Product code

Code	Note
PEL-4-D-S	
D	Horizontal subtense (3.5°, 5°, 10°)
S	Sector OB = Oscillating boundary FX = Fixed boundary

Option matrix

GS	Only available with VSU-29
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