## Sector & Leading Lights





## 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)
	3.5D: 3.5°
Horizontal divergence	5D: 5°
	10D: 10°
	3.5D: 29
Vertical divergence	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**

ode	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