



PEL-6

6 NM by day @ 0.74T
25 NM by night @ 0.74T

The PEL-6 is a part of Sabik Marine flagship precision sector light offering. It combines modern optical design techniques with decades of experience to provide very sharp sector boundaries and impressive range day or night.

- Market leading boundary definition and sector accuracy
- Up to 6 NM range in daylight
- Over 21 NM night range in coloured sectors and 25 NM in white
- Automatic intensity reduction for night use
- Oscillating boundary option provides up to four extra sectors
- Rugged construction and sealing – proven life exceeds 20 years in typical harsh marine environment



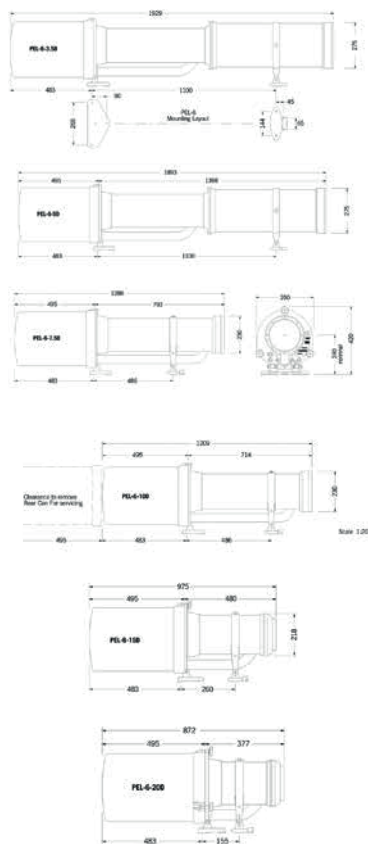
Optical Performance

Maximum peak intensity

3.5°	196164cd	174368cd	726532cd
5°	96151cd	85468cd	356116cd
7°	37985cd	37985cd	158273cd
10°	24084cd	21408cd	89199cd

Optical specification

Light source	250W TH Lamp
Horizontal divergence	Available: 3.5, 5, 7, 10°
Vertical divergence	3.5°: 2.1° 5°: 3° 7°: 3.9° 10°: 4.3°



Main Technical Specification

Nominal Range	Up to 24.8 NM
Lens	Precision ground glass
Base	Bronze
Body	Gunmetal, stainless steel, copper tube
Designed service life	20 years
Temperature range	-40° – +50°C
Voltage	24 VDC to 28 VDC
Degree of protection	IP 66
Cable length	2 m / 6 m

Order Overview PEL-6

Product code

Code	Note
PEL-6-D-S	
D	Horizontal subtense (3.5°, 5°, 7°, 10°)
S	Sector OB = Oscillating boundary FX = Fixed boundary

Option matrix

GS	Only available with VSU-29
----	----------------------------