

PRECISION SECTOR LIGHT

UP TO 24.8NM RANGE



The PEL-6 is a precision sector light which shows a different colour when viewed from different directions. It is used in situations where extreme accuracy is required, or where the mounting of a leading light is nearly impossible.

The PEL-6 can achieve a day range up to 6NM @ 0.74T and a night range up to 24.8NM @ 0.74T.

- Great configuration flexibility to match end user requirements
- Custom-made for each application with a wide choice of subtenses, individual sector angles, lamp types and sizes, flash characters and other operating modes
- Light source: lamp up to 250 Watts
- Energy efficient and suitable for solar power
- Designed for use in rugged marine environments without further protection
- Delivered fully tested and ready to operate
- Night intensity reduction
- Automatic day/night transition
- 256 flash characters (fixed boundary only)
- Can be interfaced to remote switching and monitoring equipment
- Anti-reflection coatings
- Design life: 20 years

OSCILLATING BOUNDARY SYSTEM (FACTORY-FITTED OPTION)

This provides improved early warning of any deviation from the centre line enabling extremely precise navigation, critical for large ships in narrow channels subject to wind and tide effects.

INTRUSION PROTECTION

IP 66

MATERIALS

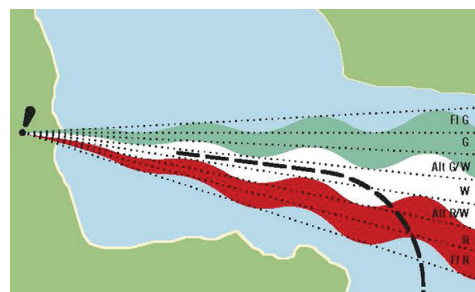
Body: gunmetal, stainless steel, copper tube
Lens: precision ground glass

VOLTAGE

24-28 VDC, battery float (mains and solar)

MAX. EFFECTIVE INTENSITY PER SUBTENSE OF LIGHT (IN CANDELA)

Subtense of light	3.5°	5°	7°	10°
Vertical divergence	2.1°	3.0°	3.9°	4.3°
White	726,532	356,116	158,273	89,199
Red	196,164	95,151	42,733	24,084
Green	174,368	85,468	37,985	21,408



Oscillating Boundary System

GISMAN offers equipment from SABIK/CARMANAH/VEGA group when they are part of global offers for Aids to Navigation. Please contact us for more information.

Specifications subject to change or variation without notice - 2020