

POLARIS 2

High-performance LED technology

Polaris 2 is a high-performance LED lamp designed to directly replace legacy halogen lamps of up to 180 W used in horizon optics. Thanks to its efficiency and compatibility, it provides a modern and sustainable solution without requiring replacement of the existing lens.

Maximum reliability and low maintenance

With a robust design, IP55 protection rating and high-quality components, Polaris 2 ensures safe and stable operation in demanding marine environments, significantly reducing maintenance requirements.

Versatility and efficiency

Available in white and red power adjustment via a 4-position rotary selector, Polaris 2 adapts to different configurations and operational requirements while delivering significant energy savings.



FEATURES

- LED light source designed for horizon lenses.
- Available in two colors: white and red.
- 360° horizontal emission.
- Switch-on and switch-off time below 10 ms.
- Rotary power selector.
- The LED current regulator includes protection against reverse polarity, electrical overvoltage and overcurrent.
- Integrated cooling system.
- Bi-colour status LED indicator (green/red).
- Colours compliant with IALA Recommendation R0201 Maritime Light Signals – Colours (E-200-1).
- Designed in accordance with IALA Recommendations.

POLARIS 2

Lighting system

Light source:	1 ultra-bright LED diode.
Colours:	White and red.
Visibility:	360° horizontal, $\pm 40^\circ$ vertical axis.
LED average life:	More than 100,000 hours.

LED current regulator features

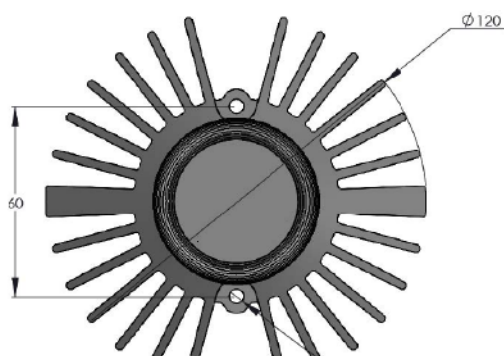
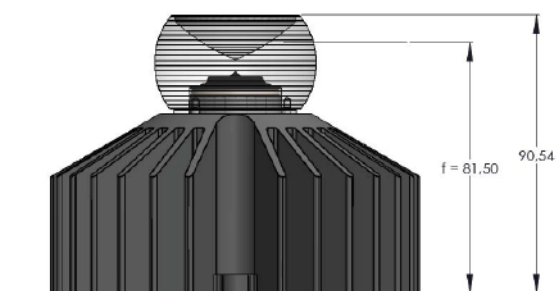
Power supply:	10 to 36 V dc.
Protections:	Reverse polarity, overvoltage and overcurrent.

Materials and environment

Lens:	Omnidirectional acrylic lens.
Base:	Anodized aluminium.
Temperature range:	-10° to 55°C.
Watertightness degree:	IP 55.
Focal height:	81.5 mm.
Dimensions:	$\varnothing 120$ mm x 90.54 mm.
Weight:	1 kg.
Fixings:	2 bolts in a 60 mm diameter.

POLARIS 2 Luminous flux

Color	Regulator	Flux (Lm)	Power (W)
	Polaris2-W	1,200	22
		2,400	52
	Polaris2-R	600	18
		1,200	25



EXPLORE THE FULL POLARIS RANGE

LED technology for classic horizon lenses

Polaris 1	Polaris 2	Polaris 3
		



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! Specifications subject to change without previous notice.

