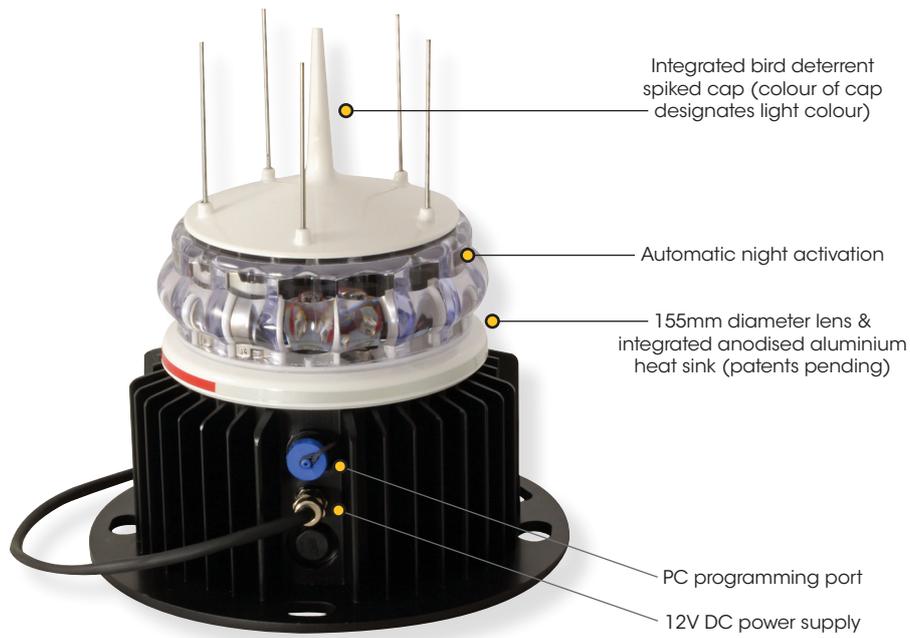


4-9NM+ Non-Precision Sector Lantern

APOLLO Series — SL-155-NPS



The Sealite Advantage

- Internal light sectoring
- Range adjustable in excess of 9NM
- 155mm diameter lens
- Independent control of individual LEDs
- Multiple intensity settings
- Automatic effective intensity correction
- User programmed custom flash settings
- Advanced thermal management
- IP68 waterproof
- Optional solar powered configurations available

Sealite's APOLLO SL-155-NPS non-precision sector lantern is adjustable from 4-9NM+ and has been designed to suit a range of applications.

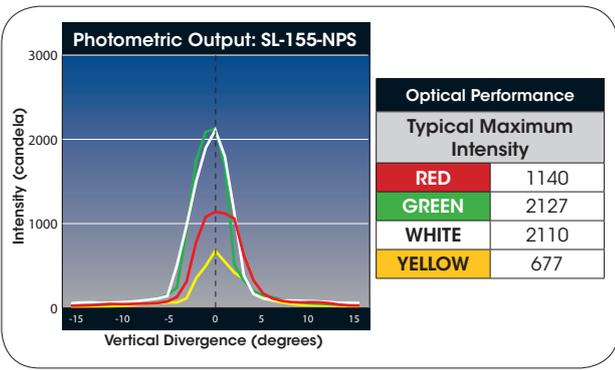
The distinctive lens of the SL-155-NPS has 16 optical elements controlling the light emissions for the LED in a two-dimensional manner; completely unique to the industry. The optic facilitates internal sectoring across a broad range of output requirements.

Optional AIS Remote Monitoring

The SL-155-NPS can be supplied with AIS integration enabling remote monitoring of the lantern as well as crucial message 21 information to be broadcast to mariners within the region.

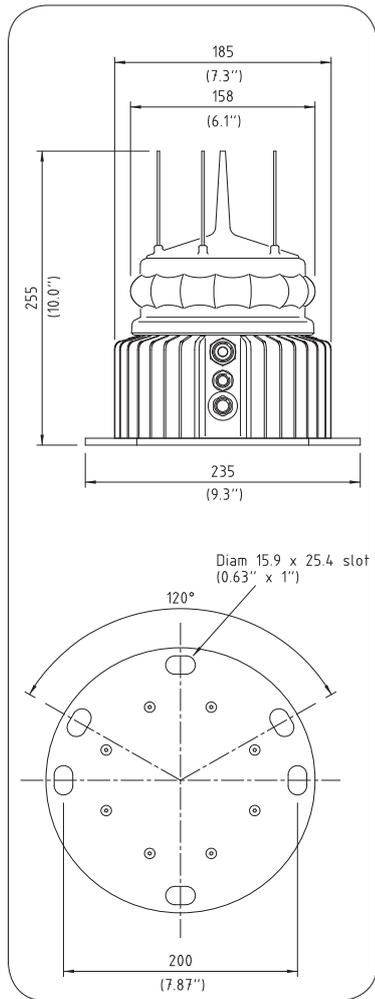
Optional GSM Monitoring & Control

The SL-155-NPS lantern may also be fitted with a GSM Cell-Phone Monitoring and Control System - enabling users to access real-time diagnostics data and change lantern settings via cell-phone. The system can also be configured to send out alarm SMS text messages to designated cellular telephone numbers. Users can also have alarms and reports sent to designated email addresses.



4-9NM+ Non-Precision Sector Lantern

APOLLO Series — SL-155-NPS



SPECIFICATIONS * APOLLO Series

SL-155-NPS

Light Characteristics

Light Source
Available Colours
Typical intensity at maximum wattage (cd) ††
Visible Range (NM)

16 ultra bright LEDs
Red, Green, White, Yellow, Blue
Red - 1140 Green - 2127 White - 2110 Yellow - 677

Horizontal Output (degrees)
Vertical Divergence (degrees)
Available Flash Characteristics
Intensity Adjustments
LED Life Expectancy (hours)

AT @ 0.74: 4-9+
AT @ 0.85: 4.8-12.5+
0° - 360°
5
Up to 256 IALA recommended (PC programmed)
32 levels (PC programmed)
>100,000

Electrical Characteristics

Current Draw (mA)
Circuit Protection
Nominal Voltage (V)
Temperature Range

Refer to Sealite Power Calculator
Polarity protected
12VDC only
-40 to 80°C

Physical Characteristics

Body Material
Lens Material
Lens Diameter (mm/inches)
Lens Design
Mounting
Height (mm/inches)
Width (mm/inches)
Mass (kg/lbs)
Product Life Expectancy

Anodised 6060 Series Aluminium
LEXAN® Polycarbonate - UV-stabilised
155 / 6¹/₈
Sealite 16 segment, multi-focus LED lens (patents pending)
3 & 4 hole 200mm bolt pattern
255 / 10
235 / 9¹/₃
3.8 / 8³/₈
Up to 12 years

Certifications

CE
IALA
Quality Assurance
Waterproof

M091133
Signal colours compliant to IALA E-200-1
ISO9001:2008
IP68

Intellectual Property

Patents
Trademarks

Australian Provisional Patent 1004289015
SEALITE® is a registered trademark of Sealite Pty Ltd
3 years

Warranty *

Options Available

- GSM Monitoring & Control System (external)
- AIS Remote Monitoring
- Variety of solar/battery configurations
- RS232/422/485 Port



- Specifications subject to change or variation without notice
- * Subject to standard terms and conditions
- † Intensity setting subject to solar availability
- †† Higher outputs at increased current draw