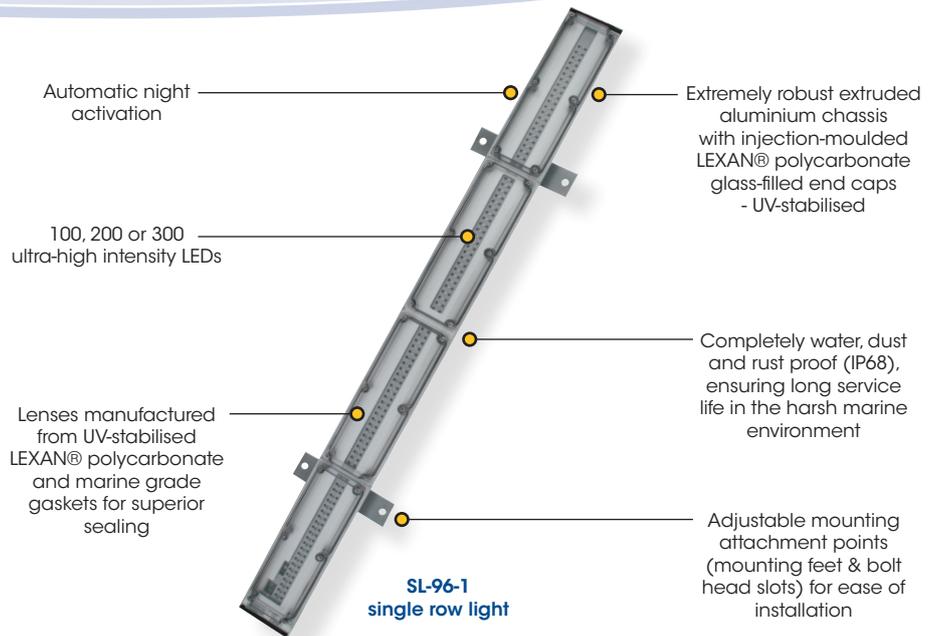
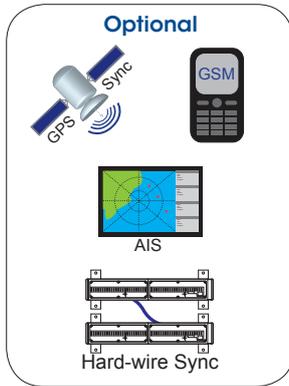


SL-96

4ft Leading Light

Next Generation

Enhanced housing, lens & mounting points.
IP68 waterproof rating



The Sealite Advantage

- Directional 4ft LED leading light
- 8 - 14.5+ nautical mile range
- Robust design ensures a complete seal suitable for extreme weather conditions
- 256 user-adjustable flash characteristics
- Adjustable intensity settings
- Operates in conjunction with existing or purpose-built power supplies
- Optional GPS Synchronisation & GSM Remote Monitoring
- IP68 waterproof

The SL-96 is a 4ft LED leading light offering greater visibility to the smaller SL-48 series.

The unit is available in 3 configurations utilising either single, dual, or triple row LED circuits as a light source.

The advanced circuitry of the SL-96 series comprise of a DC/DC converter, current control and automatic night activation.

The innovative, robust design of the SL-96 leading light ensures years of reliable, maintenance-free service. The unit is completely water, dust & rust proof, and vandal resistant.

The SL-96 body is made from extruded aluminium with injection-moulded UV-stabilised LEXAN® polycarbonate glass-filled end caps for superior strength and durability. Single, dual and triple row versions have the same body width.

Individual injection-moulded LEXAN® polycarbonate lenses are fitted to the aluminium body with a marine grade gasket ensuring a superior sealing (IP68 waterproof).

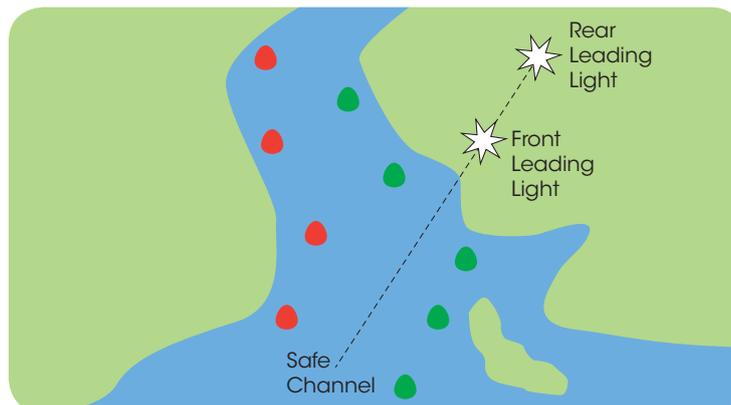
The aluminium housing features 2x channels/slots which run along the entire length of the base of the SL-96. This multi-mount design allows the 2x mounting brackets/feet to be positioned as required for complete installation flexibility.

The unit operates from a standard 8 - 20 volt power supply, and may be run from a mains powered system or with solar and battery backup in the event of power failure.

The SL-96 leading light is also available with hard-wire or GPS Synchronisation and GSM Remote Monitoring and Control capabilities. When leading lights flash in synchronisation, they can be clearly distinguished from other nav aids and confusing background lighting.



Ease of flash setting selection (where required) via internal rotary switches





Swanson Dock, Port of Melbourne, Australia



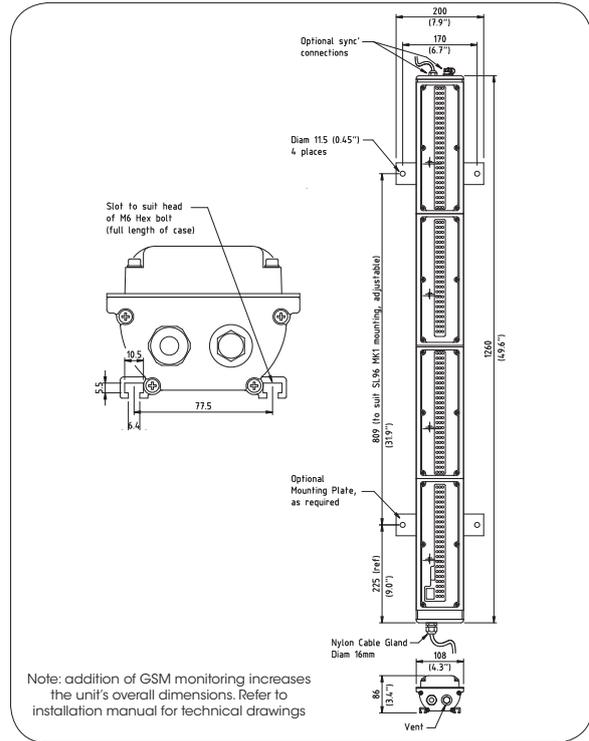
Port Kembla, Australia



Rigby Island, Australia



Jervis Bay, NSW, Australia



| SPECIFICATIONS * * | SL-96-1 | SL-96-2 | SL-96-3 |
|-----------------------------------|---|---|---|
| | Single Row | Dual Row | Triple Row |
| Light Characteristics | | | |
| Light Source | 100 ultra-high intensity LEDs | 200 ultra-high intensity LEDs | 300 ultra-high intensity LEDs |
| Available Colours | Red, Green, White, Yellow, Blue | Red, Green, White, Yellow, Blue | Red, Green, White, Yellow, Blue |
| Typical Maximum Intensity (cd) † | Red - 3070 Green - 4160 White - 4050 Yellow - 2570 Blue - 620 | Red - 5680 Green - 8050 White - 7950 Yellow - 5080 Blue - 1200 | Red - 8580 Green - 12050 White - 11900 Yellow - 7500 Blue - 1790 |
| Visible Range (NM) | 8-12+ | 9.5-13+ | 10.5-14.5+ |
| Horizontal Output (degrees) | 15 | 15 | 15 |
| Vertical Divergence (degrees) | 15 | 15 | 15 |
| Available Flash Characteristics | Up to 256 IALA recommended (user adjustable) | Up to 256 IALA recommended (user adjustable) | Up to 256 IALA recommended (user adjustable) |
| Intensity Adjustments | User adjustable | User adjustable | User adjustable |
| LED Life Expectancy (hours) | >100,000 | >100,000 | >100,000 |
| Electrical Characteristics | | | |
| Current Draw (mA) | Red, Yellow - 1020 Blue, Green, White - 860 | Red, Yellow - 2040 Blue, Green, White - 1720 | Red, Yellow - 3060 Blue, Green, White - 2580 |
| Circuit Protection | Polarity protected | Polarity protected | Polarity protected |
| Nominal Voltage (V) | 12 | 12 | 12 |
| Temperature Range | -40 to 80°C | -40 to 80°C | -40 to 80°C |
| Physical Characteristics | | | |
| Body Material | Extruded aluminium chassis with LEXAN® polycarbonate glass-filled end caps - UV-stabilised | Extruded aluminium chassis with LEXAN® polycarbonate glass-filled end caps - UV-stabilised | Extruded aluminium chassis with LEXAN® polycarbonate glass-filled end caps - UV-stabilised |
| Lens Material | LEXAN® Polycarbonate - UV-stabilised | LEXAN® Polycarbonate - UV-stabilised | LEXAN® Polycarbonate - UV-stabilised |
| Mounting | Slots to suit head of M6 Hex bolt (full length of light body) & 4 x 11.5mm mounting holes (mounting feet) | Slots to suit head of M6 Hex bolt (full length of light body) & 4 x 11.5mm mounting holes (mounting feet) | Slots to suit head of M6 Hex bolt (full length of light body) & 4 x 11.5mm mounting holes (mounting feet) |
| Height (mm/inches) | 86 / 3 2/5 | 86 / 3 2/5 | 86 / 3 2/5 |
| Width (mm/inches) | 200 / 7 7/8 (including feet) | 200 / 7 7/8 (including feet) | 200 / 7 7/8 (including feet) |
| Length (mm/inches) | 1260 / 49 2/3 | 1260 / 49 2/3 | 1260 / 49 2/3 |
| Mass (kg/lbs) | 7.4 / 16 1/3 | 7.6 / 16 3/4 | 7.8 / 17 1/5 |
| Product Life Expectancy | Up to 12 years | Up to 12 years | Up to 12 years |
| Certifications | | | |
| CE | EN61000-6-3:1997. EN61000-6-1:1997 | EN61000-6-3:1997. EN61000-6-1:1997 | EN61000-6-3:1997. EN61000-6-1:1997 |
| Quality Assurance | ISO9001:2008 | ISO9001:2008 | ISO9001:2008 |
| Waterproof | IP68 | IP68 | IP68 |
| Intellectual Property | | | |
| Trademarks | SEALITE® is a registered trademark of Sealite Pty Ltd | SEALITE® is a registered trademark of Sealite Pty Ltd | SEALITE® is a registered trademark of Sealite Pty Ltd |
| Warranty * | 3 years | 3 years | 3 years |
| Options Available | <ul style="list-style-type: none"> Power supplies/systems Hard-wire Synchronisation GPS Synchronisation GSM Remote Monitoring & Control Capabilities ALS Remote Monitoring Additional cable | <ul style="list-style-type: none"> Power supplies/systems Hard-wire Synchronisation GPS Synchronisation GSM Remote Monitoring & Control Capabilities ALS Remote Monitoring Additional cable | <ul style="list-style-type: none"> Power supplies/systems Hard-wire Synchronisation GPS Synchronisation GSM Remote Monitoring & Control Capabilities ALS Remote Monitoring Additional cable |

• Specifications subject to change or variation without notice
 * Subject to standard terms and conditions
 † Intensity setting subject to solar availability



Sealite can provide a number of power supplies and accessories to suit their range of Leading Lights including:

SL-LD-PS-40

40watt Power Supply to suit leading light, includes:

- 1 x 40watt solar panel
- 1 x 55Ah battery
- Solar charge controller
- Weatherproof battery housing
- Lockable powder-coated battery box c/w 200mm bolt pattern mount - Type 2 series
- 16mm cable gland access

SL-LD-PS-60

60watt Power Supply to suit leading light, includes:

- 1 x 60watt solar panel
- 1 x 55Ah battery
- Solar charge controller
- Weatherproof battery housing
- Lockable powder-coated battery box c/w 200mm bolt pattern mount - Type 2 series

SL-LD-PS-85

85watt Power Supply to suit leading light, includes:

- 1 x 85watt solar panel c/w wall mounting bracket
- 1 x 55Ah batteries
- Solar charge controller
- Weatherproof battery housing
- Lockable powder-coated battery box c/w 200mm bolt pattern mount - Type 2 series
- 3mt cabling to solar module and fixtures

SL-LD-PS-140

140watt Power Supply to suit leading light, includes:

- 1 x 140watt solar panel c/w wall mounting bracket
- 1 x 100Ah battery
- Solar charge controller
- Weatherproof battery housing
- Lockable powder-coated battery box c/w 200mm bolt pattern mount - Type 2 series
- 3mt cabling to solar module and fixtures

Please Note:

System suitability will be affected by available solar levels and power settings of the Lead Lights. Refer to Sealite Power Calculator for details.