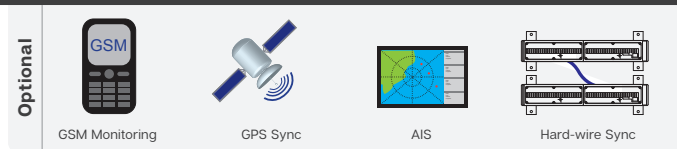


# 4ft Leading Light

SL-96



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.

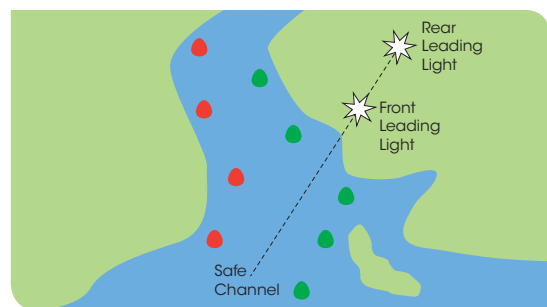
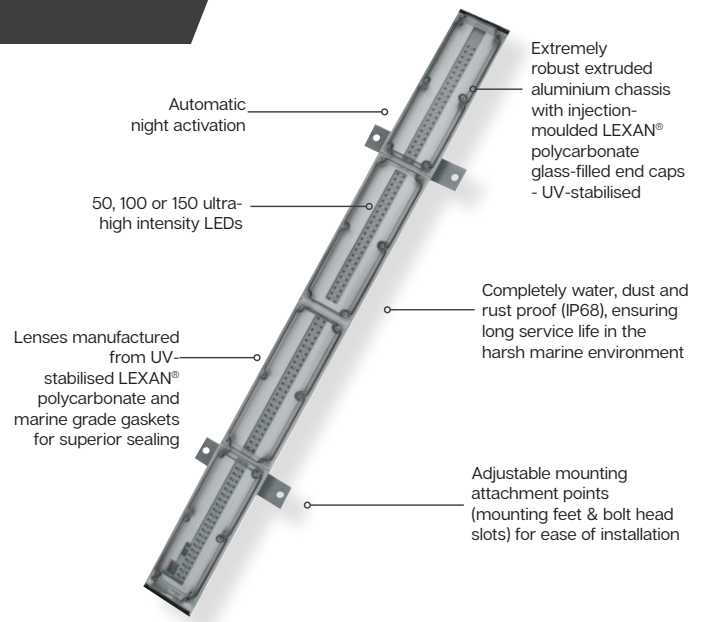
The SL-96 body is made from extruded aluminium with injection-moulded UV-stabilised LEXAN® polycarbonate glass-filled end caps for superior strength and durability. Single, dual and triple row versions have the same body width.

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.



## User 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 characteristic
- Adjustable intensity settings
- Operates in conjunction with existing or purpose-built power supplies

## Optional

- Optional GPS Synchronisation & GSM Remote Monitoring
- Optional solar powered configurations available

## Reliable

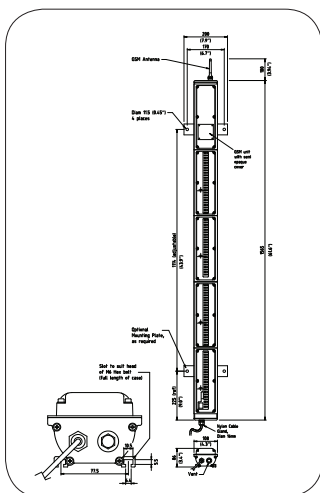
- IP68 waterproof

## Technical Specifications \*

	SL-96-1	SL-96-2	SL-96-3
	Single Row	Dual Row	Triple Row
<b>Light Characteristics</b>			
<b>Light Source</b>	100 ultra-high intensity LEDs	200 ultra-high intensity LEDs	300 ultra-high intensity LEDs
<b>Available Colours</b>	Red, Green, White, Yellow, Blue	Red, Green, White, Yellow, Blue	Red, Green, White, Yellow, Blue
<b>Typical Maximum Intensity (cd)*</b>	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
<b>Visible Range (NM)</b>	9	10	11
<b>Horizontal Output (degrees)</b>	15	15	15
<b>Vertical Divergence (degrees)</b>	15	15	15
<b>Available Flash Characteristics</b>	Up to 256 IALA recommended (user adjustable)	Up to 256 IALA recommended (user adjustable)	Up to 256 IALA recommended (user adjustable)
<b>Intensity Adjustments</b>	User adjustable	User adjustable	User adjustable
<b>LED Life Expectancy (hours)</b>	>100,000	>100,000	>100,000
<b>Electrical Characteristics</b>			
<b>Current Draw (mA)</b>	Red, Yellow - 1020 Blue, Green, White - 860	Red, Yellow - 2040 Blue, Green, White - 1720	Red, Yellow - 3060 Blue, Green, White - 2580
<b>Circuit Protection</b>	Polarity protected	Polarity protected	Polarity protected
<b>Nominal Voltage (V)</b>	12	12	12
<b>Temperature Range</b>	-40 to 80°C	-40 to 80°C	-40 to 80°C
<b>Physical Characteristics</b>			
<b>Body Material</b>	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
<b>Lens Material</b>	LEXAN® Polycarbonate - UV-stabilised	LEXAN® Polycarbonate - UV-stabilised	LEXAN® Polycarbonate - UV-stabilised
<b>Mounting</b>	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)
<b>Height (mm/inches)</b>	86 / 3 $\frac{3}{8}$	86 / 3 $\frac{3}{8}$	86 / 3 $\frac{3}{8}$
<b>Width (mm/inches)</b>	200 / 7 $\frac{7}{8}$ (including feet)	200 / 7 $\frac{7}{8}$ (including feet)	200 / 7 $\frac{7}{8}$ (including feet)
<b>Length (mm/inches)</b>	1260 / 49 $\frac{3}{8}$	1260 / 49 $\frac{3}{8}$	1260 / 49 $\frac{3}{8}$
<b>Mass (kg/lbs)</b>	7.4 / 16 $\frac{1}{2}$	7.6 / 16 $\frac{7}{8}$	7.8 / 17 $\frac{1}{8}$
<b>Product Life Expectancy</b>	Up to 12 years ^	Up to 12 years ^	Up to 12 years ^
<b>Certifications</b>			
<b>CE</b>	EN61000-6-3:1997. EN61000-6-1:1997	EN61000-6-3:1997. EN61000-6-1:1997	EN61000-6-3:1997. EN61000-6-1:1997
<b>IALA</b>	Signal colours compliant to IALA E-200-1	Signal colours compliant to IALA E-200-1	Signal colours compliant to IALA E-200-1
<b>Quality Assurance</b>	ISO 9001:2015	ISO 9001:2015	ISO 9001:2015
<b>Waterproof</b>	IP68	IP68	IP68
<b>Intellectual Property</b>			
<b>Trademarks</b>	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
<b>Warranty *</b>	3 years	3 years	3 years
<b>Options Available</b>	<ul style="list-style-type: none"> <li>• Power supplies/systems</li> <li>• Hard-wire Synchronisation</li> <li>• GPS Synchronisation</li> <li>• GSM Remote Monitoring &amp; Control Capabilities</li> <li>• AIS Remote Monitoring</li> <li>• Additional cable</li> </ul>	<ul style="list-style-type: none"> <li>• Power supplies/systems</li> <li>• Hard-wire Synchronisation</li> <li>• GPS Synchronisation</li> <li>• GSM Remote Monitoring &amp; Control Capabilities</li> <li>• AIS Remote Monitoring</li> <li>• Additional cable</li> </ul>	<ul style="list-style-type: none"> <li>• Power supplies/systems</li> <li>• Hard-wire Synchronisation</li> <li>• GPS Synchronisation</li> <li>• GSM Remote Monitoring &amp; Control Capabilities</li> <li>• AIS Remote Monitoring</li> <li>• Additional cable</li> </ul>

\* Intensity setting subject to solar availability  
 \* Subject to standard terms and conditions

^ Specifications subject to change or variation without notice  
 ^ Refer to the Sealite website under the warranty section



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We believe technology improves navigation™



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