4ft Leading Light

SL-96

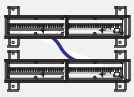
Optional



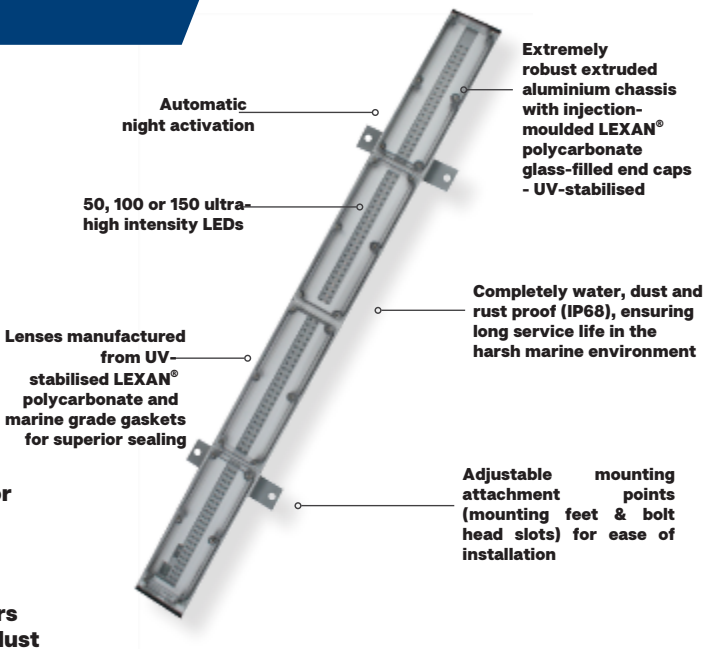
GPS Sync



AIS



Hard-wire Sync



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.

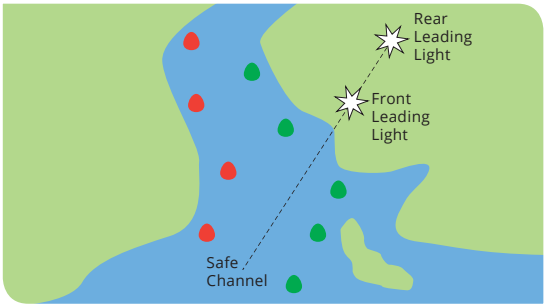
Individual injection-moulded LEXAN® polycarbonate lenses are fitted to the aluminium body with a marine grade gasket ensuring a superior sealing (IP68 waterproof).

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. When leading lights flash in synchronisation, they can be clearly distinguished from other navaids and confusing background lighting. confusing background lighting.





User Advantage

- Directional4ftLED 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 ˊ xisting or purpose-built power supplies

Optional

- Optional GPS Synchronisation
- Optional solar powered configurations available

Reliable

- IP68 waterproof

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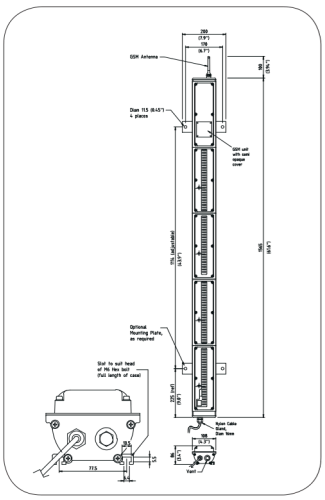
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Technical Specifications ·*

	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
	9	10	Blue - 1790 11
Visible Range (NM)	15	15	15
Horizontal Output (degrees)	15	15	15
Vertical Divergence (degrees)	Up to 256 IALA recommended (user adjustable)	Up to 256 IALA recommended (user adjustable)	Up to 256 IALA recommended (user adjustable)
Available Flash Characteristics	User adjustable	User adjustable	User adjustable
Intensity Adjustments	>100,000	>100,000	>100,000
LED Life Expectancy (hours)			
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
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 / 32/5	86 / 32/5	86 / 32/5
Width (mm/inches)	200 / 77/8 (including feet)	200 / 77/8 (including feet)	200 / 77/8 (including feet)
Length (mm/inches)	1260 / 492/3	1260 / 492/3	1260 / 492/3
Mass (kg/lbs)	7.4 / 161/3	7.6 / 163/4	7.8 / 171/5
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
IALA	Signal colours compliant to IALA E-200-1	Signal colours compliant to IALA E-200-1	Signal colours compliant to IALA E-200-1
Quality Assurance	ISO 9001:2015	ISO 9001:2015	ISO 9001:2015
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	·Power supplies/systems ·Hard-wire Synchronisation ·GPS Synchronisation ·AIS Remote Monitoring ·Additional cable	·Power supplies/systems ·Hard-wire Synchronisation ·GPS Synchronisation ·AIS Remote Monitoring ·Additional cable	·Power supplies/systems ·Hard-wire Synchronisation ·GPS Synchronisation ·AIS Remote Monitoring ·Additional cable

·Specifications subject to change or variation without notice * Subject to standard terms and conditions † Intensity setting subject to solar availability ^ Refer to the Sealite website under the warranty section

CE

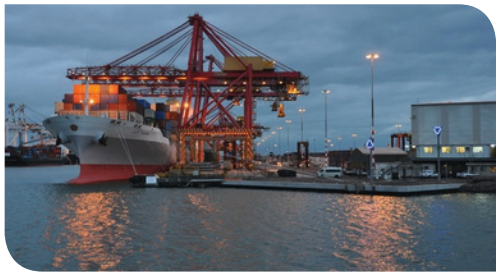




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