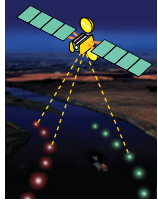
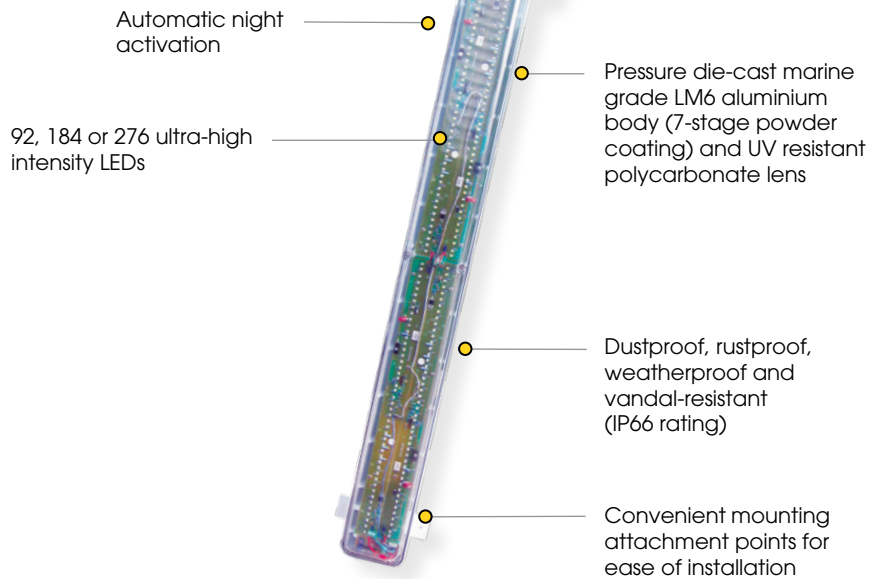


SL96

4ft LED Leading Light



Available with internal GPS synchronisation or GSM Cell-phone Monitoring



SL96-2 dual row light

The Sealite Advantage

- Directional 4ft LED leading light
- >6.5 nautical mile range
- 256 user-adjustable flash characteristics
- Adjustable intensity settings
- Operates in conjunction with existing or purpose-built power supplies
- IP66 waterproof
- Optional internal GPS synchronisation & GSM remote monitoring

The SL96 is a 4ft LED leading light offering greater visibility to the smaller SL48 series.

The unit is available in 3 configurations utilising either single (SL96-1), dual (SL96-2), or triple row (SL96-3) LED circuits as a light source.

The advanced circuitry of the SL96 series comprise of a DC/DC converter, temperature monitoring, current control, and automatic night-activation.

The materials and design of the SL96 provide a high degree of corrosion resistance and are especially suited to corrosive and high humidity atmosphere conditions. The unit is dustproof, rustproof, weatherproof and vandal-resistant.

The body of the unit is made from pressure die-cast marine grade LM6 aluminium, subject to 7-stage powder coating. Single, dual and triple row versions have the same body width.

A heavy-duty linear prismatic clear lens is securely fixed to the body by stainless-steel socket head cap screws recessed into the lens moulding. A replaceable single piece EPDM gasket ensures the high IP66 rating.

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

The SL96 leading light is also available with hard-wire or GPS synchronisation and GSM remote monitoring capabilities. When leading lights flash in synchronisation, they can be clearly distinguished from other nav aids and confusing background lighting.

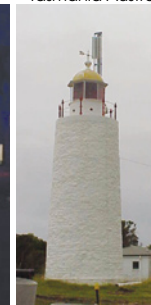
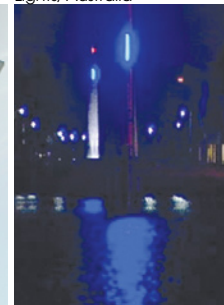
Rigby Island Leading Lights, Australia



Port of Melbourne Leading Lights, Australia



Tamar River Leading Lights, Tasmania Australia



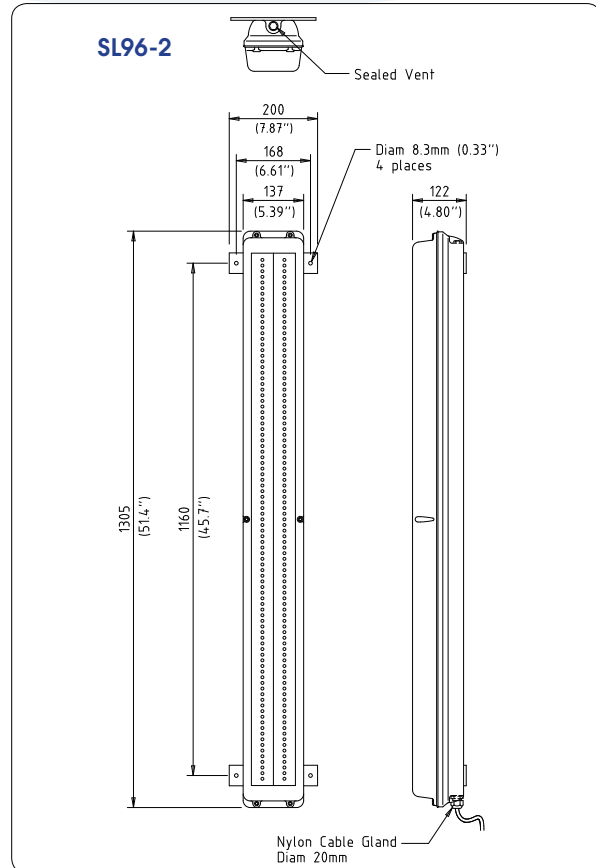
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SL96 4ft LED Leading Light



SPECIFICATIONS •

SL96-1 Single Row

SL96-2 Dual Row

SL96-3 Triple Row

Light Characteristics

Light Source
Available Colours
Peak Intensity (cd)
Visible Range (nm)
Horizontal Output (degrees)
Vertical Divergence (degrees)
Available Flash Characteristics

92 ultra-high intensity LEDs
Red, Green, White, Yellow, Blue
>210
>6.5
15
15
Up to 256 IALA recommended
(user adjustable)

184 ultra-high intensity LEDs
Red, Green, White, Yellow, Blue
>410
>7.5
15
15
Up to 256 IALA recommended
(user adjustable)

276 ultra-high intensity LEDs
Red, Green, White, Yellow, Blue
>800
8.9
15
15
Up to 256 IALA recommended
(user adjustable)

Intensity Adjustments
LED Life Expectancy (hours)

User-adjustable
>100,000

User-adjustable
>100,000

User-adjustable
>100,000

Electrical Characteristics

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

Red, Yellow - 1020
Blue, Green, White - 860
Polarity protected
12
-40 to 80°C

Red, Yellow - 2040
Blue, Green, White - 1720
Polarity protected
12
-40 to 80°C

Red, Yellow - 3060
Blue, Green, White - 2580
Polarity protected
12
-40 to 80°C

Physical Characteristics

Body Material

Pressure die-cast marine grade
LM6 aluminium (7-stage powder
coating)
UV-stabilised injection moulded
polycarbonate

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Lens Material

UV-stabilised injection moulded
polycarbonate

UV-stabilised injection moulded
polycarbonate

UV-stabilised injection moulded
polycarbonate

Mounting

Height (mm/inches)

Width (mm/inches)

Length

Mass (kg/lbs)

Product Life Expectancy

4 x 8.3mm mounting holes

122 / 4³/₄

137 / 5³/₈

1305 / 51³/₈

6.8 / 15

Up to 12 years

4 x 8.3mm mounting holes

122 / 4³/₄

137 / 5³/₈

1305 / 51³/₈

6.9 / 15¹/₈

Up to 12 years

4 x 8.3mm mounting holes

122 / 4³/₄

137 / 5³/₈

1305 / 51³/₈

7.2 / 15⁷/₈

Up to 12 years

Certifications

CE
Quality Assurance
Waterproof

EN61000-6-3:1997. EN61000-6-1:1997
ISO9001:2000
IP66

EN61000-6-3:1997. EN61000-6-1:1997
ISO9001:2000
IP66

EN61000-6-3:1997. EN61000-6-1:1997
ISO9001:2000
IP66

Intellectual Property

Trademarks

SEALITE® is a registered trademark
of Sealite Pty Ltd

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of Sealite Pty Ltd

SEALITE® is a registered trademark
of Sealite Pty Ltd

Warranty *

Options Available

Full 3 years

- Power supplies/systems
- Hard-wire or GPS synchronisation
- Remote monitoring capabilities (GSM)
- Additional cable

Full 3 years

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- Hard-wire or GPS synchronisation
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Full 3 years

- Power supplies/systems
- Hard-wire or GPS synchronisation
- Remote monitoring capabilities (GSM)
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CE

• Specifications subject to change or variation without notice * Subject to standard terms and conditions



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