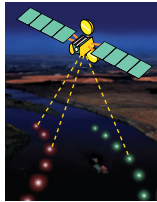
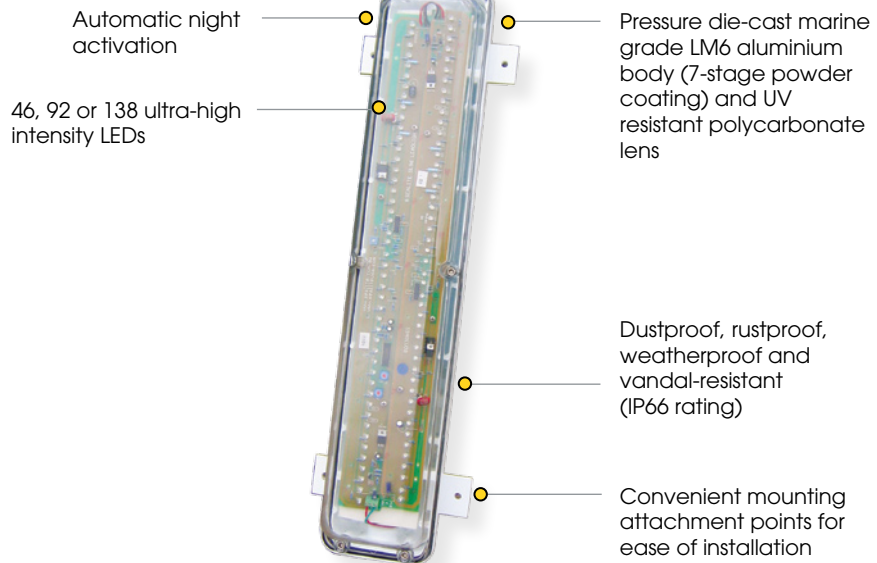


# SL48

## 2ft LED Leading Light



Available with internal GPS synchronisation or GSM Cell-phone Monitoring



SL48-2 dual row light

### The Sealite Advantage

- Directional 2ft LED leading light
- >5.5 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 SL48 is a 2ft LED leading light designed to offer vessels clear night navigation, and is a convenient replacement for conventional lead lighting.

The unit is available in 3 configurations utilising either single (SL48-1), dual (SL48-2), or triple (SL48-3) LED circuits as a light source.

The advanced circuitry of the SL48 series comprise of a DC/DC converter, temperature monitoring, current control, and automatic night-activation.

The materials and design of the SL48 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 SL48 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.



**Head Office:**  
Sealite Pty Ltd  
AUSTRALIA

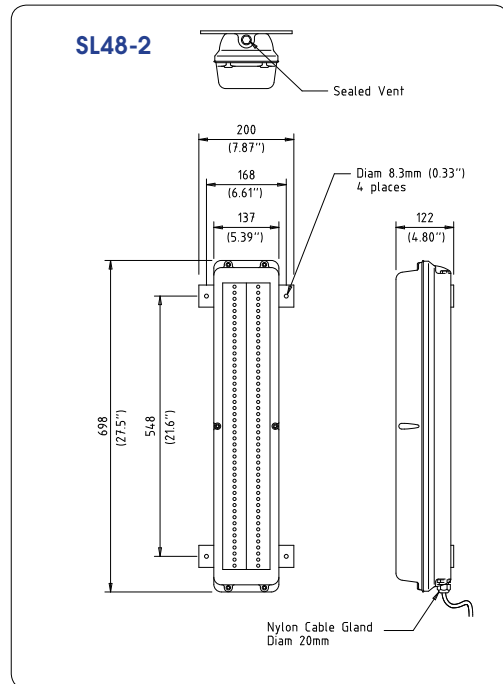
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# SL48

## 2ft LED Leading Light



### SPECIFICATIONS •

#### SL48-1 Single Row

#### SL48-2 Dual Row

#### SL48-3 Triple Row

#### Light Characteristics

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

46 ultra-high intensity LEDs  
Red, Green, White, Yellow, Blue  
>120  
>5.5  
15  
15  
Up to 256 IALA recommended  
(user adjustable)  
User-adjustable  
>100,000

92 ultra-high intensity LEDs  
Red, Green, White, Yellow, Blue  
>210  
>6.5  
15  
15  
Up to 256 IALA recommended  
(user adjustable)  
User-adjustable  
>100,000

138 ultra-high intensity LEDs  
Red, Green, White, Yellow, Blue  
>370  
>7.5  
15  
15  
Up to 256 IALA recommended  
(user adjustable)  
User-adjustable  
>100,000

Intensity Adjustments  
LED Life Expectancy (hours)

#### Electrical Characteristics

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

Red, Yellow - 510  
Blue, Green, White - 430  
Polarity protected  
12  
-40 to 80°C

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

Red, Yellow - 1530  
Blue, Green, White - 1290  
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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Pressure die-cast marine grade  
LM6 aluminium (7-stage powder  
coating)  
UV-stabilised injection moulded  
polycarbonate

Lens Material

Mounting  
Height (mm/inches)  
Width (mm/inches)  
Length  
Mass (kg/lbs)  
Product Life Expectancy

4 x 8.3mm mounting holes  
122 / 4<sup>3</sup>/<sub>4</sub>  
137 / 5<sup>3</sup>/<sub>8</sub>  
698 / 27<sup>1</sup>/<sub>2</sub>  
3.5 / 7<sup>3</sup>/<sub>4</sub>  
Up to 12 years

4 x 8.3mm mounting holes  
122 / 4<sup>3</sup>/<sub>4</sub>  
137 / 5<sup>3</sup>/<sub>8</sub>  
698 / 27<sup>1</sup>/<sub>2</sub>  
3.6 / 7<sup>7</sup>/<sub>8</sub>  
Up to 12 years

4 x 8.3mm mounting holes  
122 / 4<sup>3</sup>/<sub>4</sub>  
137 / 5<sup>3</sup>/<sub>8</sub>  
698 / 27<sup>1</sup>/<sub>2</sub>  
3.8 / 8<sup>1</sup>/<sub>3</sub>  
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
- Remote monitoring capabilities (GSM)
- Additional cable

Full 3 years

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

CE

• Specifications subject to change or variation without notice

\* Subject to standard terms and conditions



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