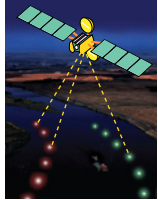
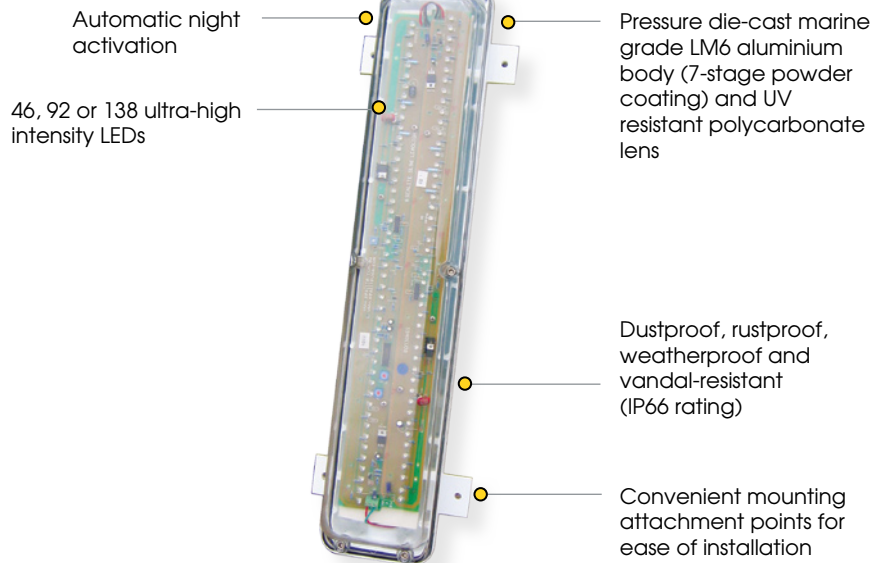


SL48

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

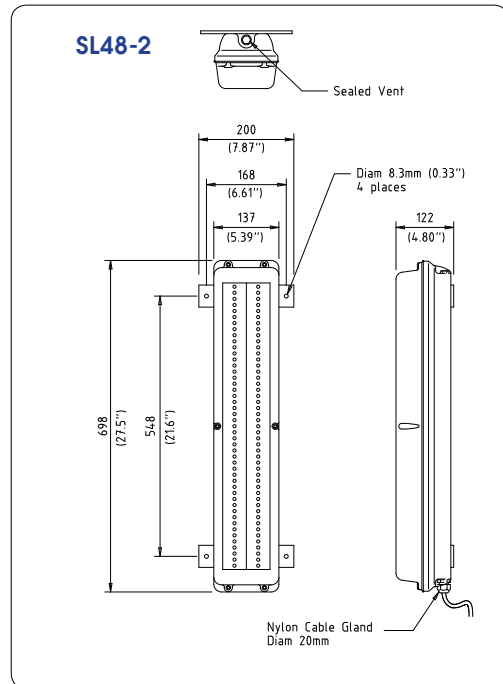
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Email: info@gulfrim.com

SL48

2ft LED Leading Light



SPECIFICATIONS •

SL48 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)

Pressure die-cast marine grade
LM6 aluminium (7-stage powder
coating)

Pressure die-cast marine grade
LM6 aluminium (7-stage powder
coating)

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
698 / 27¹/₂
3.5 / 7³/₄
Up to 12 years

4 x 8.3mm mounting holes
122 / 4³/₄
137 / 5³/₈
698 / 27¹/₂
3.6 / 7⁷/₈
Up to 12 years

4 x 8.3mm mounting holes
122 / 4³/₄
137 / 5³/₈
698 / 27¹/₂
3.8 / 8¹/₃
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

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)
- Additional cable

• Specifications subject to change or variation without notice

* Subject to standard terms and conditions

CE



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