

Bridge Light

SL-BR Series

Optional



GPS Sync

This equipment complies with requirements of the U.S. Coast Guard in 33 CFR part 118

Post mount

Lens and enclosure moulded from UV-stabilised LEXAN® polycarbonate

Automatic night activation

LED optic

The SL-BR Series are an LED Bridge Light. They are specifically designed to clearly mark bridges and structures extending over navigable waterways. Used extensively throughout the USA, the SL-BR Series has been designed to offer superior visibility up to 4NM, and operate in conjunction with existing power supplies.

The light is available as a 180° sectored red model or 360° green model and comes fixed-on as standard. The fixtures are also available with a range of factory-set flash characteristics and sectoring requirements to suit local regulations.

The light is available in two configurations, nominal 12VDC or universal AC (110-240VAC).

The SL-BR series can also be supplied as a complete solar/battery system to comply with requirements of regional governing bodies such as the U.S. Coast Guard, or the IALA Recommendations for the marking of fixed bridges over navigable waters.

Sealite has a range of other short, medium and long range marine lanterns that may also be used to comply with bridge lighting requirements.



SL-155 180° model for bridge fenders & abutments



SL-155 Series bridge lights



Sectored Bridge Light



Optional solar/battery systems and optional mounting accessories are available

✓ Advantage

- Up to 4NM visible range
- Able to operate in conjunction with existing power supplies

📦 Optional Add Ons

- Solar/battery systems available
- Universal AC: will accept between 110-240VAC
- Mounting accessories

Technical Specifications **

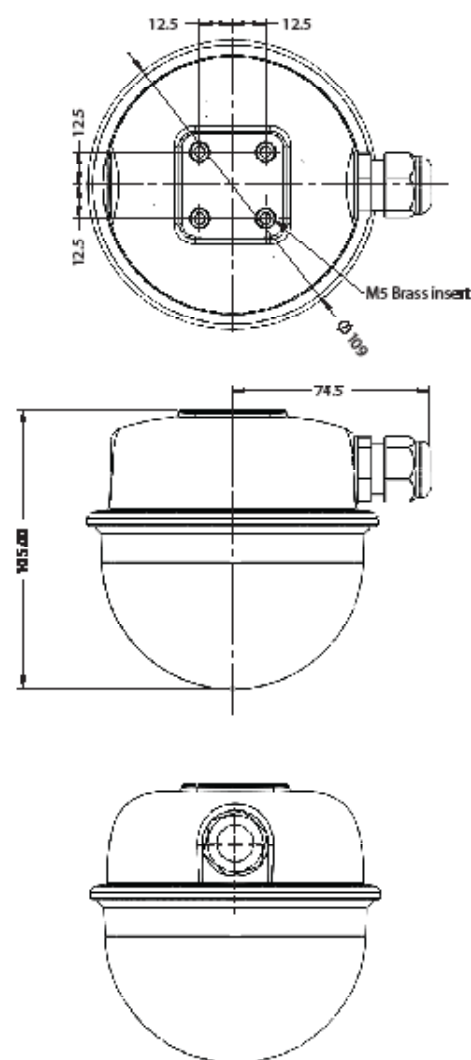
| SL-BR Series (2NM) | | SL-BR4 Series (4NM) | |
|---------------------------------|--|--|------------------------|
| Light Characteristics | | | |
| Light Source | | LED | |
| Available Colours | | Red, Green, other colours available on request | |
| Visible Range (NM) | | AT @ 0.74: 2 (nominal) | AT @ 0.74: 4 (nominal) |
| | | AT @ 0.85: 2.3 | AT @ 0.85: 4.6 |
| Horizontal Output (degrees) | | 360 or 180 | |
| Vertical Divergence (degrees) | | 9 | |
| Available Flash Characteristics | | Steady-on (standard). Other factory set flash patterns available on request | |
| LED Life Expectancy (hours) | | >100,000 | |
| Electrical Characteristics | | | |
| Current Draw (mA) | | VDC Model: 40 @ 12 VDC | VDC Model: 80 @ 12 VDC |
| Circuit Protection | | Integrated | |
| Nominal Voltage (V) | | VDC Model: 12 VDC | |
| | | VAC Model: 110–240 VAC | |
| Temperature Range | | -40 to 80°C | |
| Physical Characteristics | | | |
| Body Material | | LEXAN® Polycarbonate – UV stabilised | |
| Lens Material | | LEXAN® Polycarbonate – UV stabilised | |
| Lens Diameter (mm/inches) | | 107 / 4¼ | |
| Lens Design | | LED optic | |
| Mounting | | 50mm OD pole | |
| Height (mm/inches) | | 105 / 4 | |
| Width (mm/inches) | | 109 / 4¼ | |
| Mass (kg/lbs) | | 1.2 / 2½ | |
| Product Life Expectancy | | Up to 12 years ^ | |
| Certifications | | | |
| CE | | EN61000-6-3:2007 | |
| | | EN61000-6-1:2007 | |
| IALA | | Signal colours compliant to IALA E-200-1 | |
| USCG | | 33 CFR Part 118 | |
| Quality Assurance | | ISO 9001:2015 | |
| Waterproof | | IP68 | |
| Intellectual Property | | | |
| Patents | | US Pat. No. 6,667,582. AU Pat. No. 778,918 | |
| Trademarks | | SEALITE® is a registered trademark of Sealite Pty Ltd | |
| Warranty * | | 3 years | |
| Options Available | | <ul style="list-style-type: none">• Mounting assemblies• Solar/battery systems<ul style="list-style-type: none">• Light sectoring• Additional cable• GPS Synchronisation (DC Model) | |

CE • Specifications subject to change or variation without notice * Subject to standard terms and conditions
^ Refer to the Sealite website under the warranty section

Power Current in Electrical Circuit (VA)

| Bridge Light Colour | VA |
|---------------------|-----|
| White | 6.2 |
| Green | 6.9 |
| Red | 7.8 |

Technical Illustration



We believe technology improves navigation™



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