

# SL-BR

## Sectored Bridge Light

V1\_2014



Also available with optional solar/battery systems and optional mounting accessories

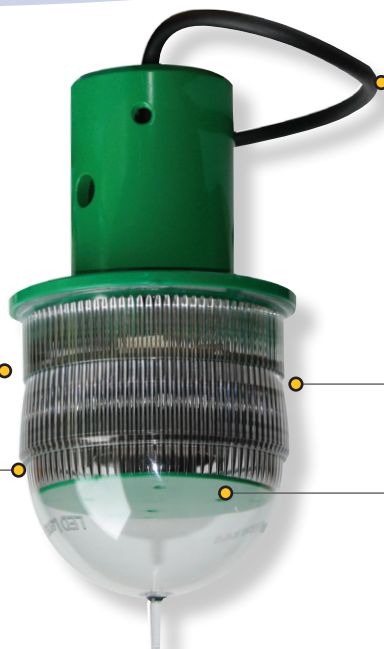
LED lens and Sealite's 360° Omnidirectional LED Reflector (US Pat. No. 6,667,582; AU Pat. No. 778,918)

20 ultra-high intensity LEDs

6 metres of cable provided for ease of installation

Automatic night activation

Top of the lantern indicates LED light colour



### The Sealite Advantage

- Able to operate in conjunction with existing power supplies
- Optional solar/battery systems available
- Optional mounting accessories

**The SL-BR is an LED Sectored Bridge Light specifically designed to clearly mark bridges and structures extending over navigable waterways and is used extensively throughout the USA. The SL-BR has been designed to offer superior visibility and operate in conjunction with existing power supplies.**

The sectored lantern is fixed-on as standard, but is available with a range of other factory-set flash characteristics and sectoring requirements to suit local regulations.

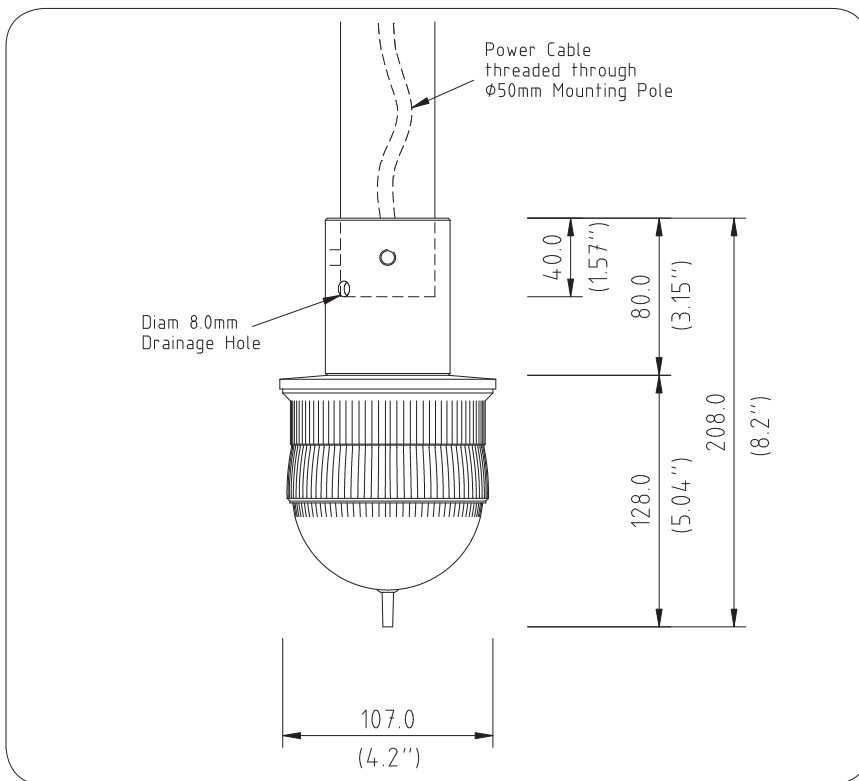
The light is available as configured to operate from 12V power with 6 metres of cable for easy installation.

The SL-BR 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.



# SL-BR

## Sectored Bridge Light



### SPECIFICATIONS\* SL-BR

#### Light Characteristics

Light Source  
Available Colours  
Visible Range (NM)  
Horizontal Output (degrees)  
Vertical Divergence (degrees)  
Reflector Type

20 ultra-high intensity LEDs  
Red, Green  
2  
360 or 180  
9  
Omnidirectional 360° LED Reflector  
(US Pat. No. 6,667,582. AU Pat. No. 778,918)

#### Available Flash Characteristics

Steady-on (standard). Other factory set flash patterns available on request  
>100,000

#### LED Life Expectancy (hours)

>100,000

#### Electrical Characteristics

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

40  
Integrated  
12  
-40 to 80°C

#### Physical Characteristics

Body Material  
Lens Material  
Lens Diameter (mm/inches)  
Lens Design  
Mounting  
Height (mm/inches)  
Width (mm/inches)  
Mass (kg/lbs)  
Product Life Expectancy

LEXAN® Polycarbonate - UV-stabilised  
LEXAN® Polycarbonate - UV-stabilised  
107 / 4<sup>1</sup>/<sub>4</sub>  
External optics with interior flute design  
50mm OD pole  
208 / 8<sup>1</sup>/<sub>8</sub>  
107 / 4<sup>1</sup>/<sub>4</sub>  
1.2 / 2<sup>5</sup>/<sub>8</sub>  
Up to 12 years

#### Certifications

CE  
Quality Assurance

EN61000-6-3:1997. EN61000-6-1:1997  
ISO9001:2008

#### Intellectual Property

Patents  
Trademarks

US Pat. No. 6,667,582. AU Pat. No. 778,918  
SEALITE® is a registered trademark of Sealite Pty Ltd  
3 years

#### Warranty\*

#### Options Available

- 200mm bolt pattern mounting plate
- Mounting assemblies
- Solar/battery systems
- Light sectoring
- Additional cable



\* Specifications subject to change or variation without notice  
\* Subject to standard terms and conditions  
† Intensity setting subject to solar availability