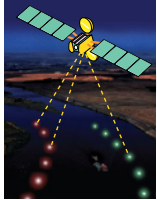
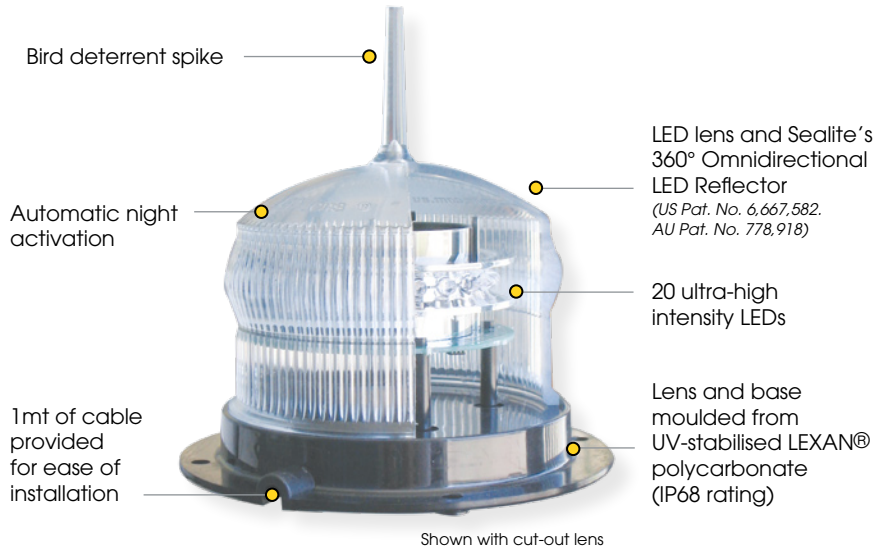


SL07

1-4nm LED Light Fixture



Available with
internal GPS
synchronisation



Shown with cut-out lens

The Sealite Advantage

- 1-4 nautical mile range
- 256 user-adjustable flash characteristics
- 4 adjustable intensity settings
- Operates in conjunction with existing or purpose-built power supplies

The SL07 is an LED Light Fixture designed to offer superior visibility and operate in conjunction with existing or purpose-built power supplies.

With a variable range of 1 to 4nm, a maintenance-free light source, and 256 user-adjustable flash codes, the SL07 series of LED lights is the preferred choice for buoy manufacturers seeking to fit a marine lantern to existing or independently designed power sources.

The SL07 is available in a number of configurations, colours and cable lengths and is the perfect replacement for obsolete incandescent lights.

Customers using the SL07 range benefit from Sealite's optical engineering experience. Precision alignment and focus of the LEDs is made possible through the use of the 360° LED Reflector (US Pat. No. 6,667,582. AU Pat. No. 778,918), increasing the intensity and uniformity of the horizontal output.

The tough UV-stabilised LEXAN® polycarbonate lens is specifically designed and produced by Sealite for use with LEDs, and incorporates an environment-friendly spike - deterring unwelcome bird life.

Flash adjustment is achieved via two (2) rotary switches - accessed through the base of the unit. For easy installation 1m of cable is supplied as standard.



Sectioned blue/white SL07 light up Israel's largest marina, Herzliya Marina



Head Office:
Sealite Pty Ltd
AUSTRALIA

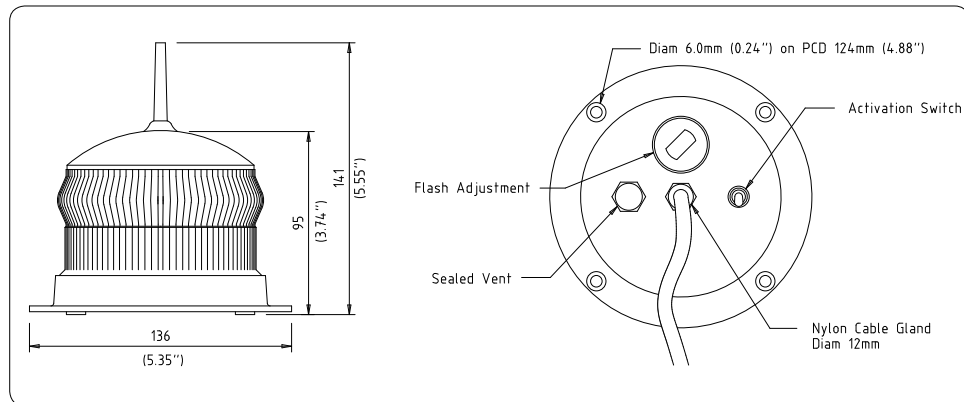
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Internet: www.sealiteusa.com
Email: info@sealiteusa.com

SL07

1-4nm LED Light Fixture



SPECIFICATIONS

Light Characteristics

| | |
|---------------------------------|---|
| Light Source | 20 ultra-high intensity LEDs |
| Available Colours | Red, Green, White, Yellow, Blue |
| Peak Intensity (cd) | Red - 47 Green - 47 White - 90 Yellow - 32 |
| Visible Range (nm) | >3 |
| Horizontal Output (degrees) | 360 |
| Vertical Divergence (degrees) | 9 |
| Reflector Type | Omnidirectional 360° LED Reflector (US Pat. No. 6,667,582. AU Pat. No. 778,918) |
| Available Flash Characteristics | Up to 256 IALA recommended (user adjustable) |
| Intensity Adjustments | Adjustable in 25% increments |
| LED Life Expectancy (hours) | >100,000 |

Electrical Characteristics

| | |
|---------------------|---------------|
| Current Draw (mA) | 180 (nominal) |
| Circuit Protection | Integrated |
| Nominal Voltage (V) | 12 |
| 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 | External optics with interior flute design |
| Mounting | 4 x 6mm mounting holes |
| Height (mm/inches) | 141 / 5½ |
| Width (mm/inches) | 136 / 5¾ |
| Mass (kg/lbs) | 0.6 / 1⅓ |
| Product Life Expectancy | Up to 12 years |

Certifications

| | |
|-------------------|------------------------------------|
| CE | EN61000-6-3:1997. EN61000-6-1:1997 |
| Quality Assurance | ISO9001:2000 |
| 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 *

Full 3 years

Options Available

- Hard-wire or GPS synchronisation
- 50mm pole mount adaptor plate
- Additional cable

CE

• Specifications subject to change or variation without notice

* Subject to standard terms and conditions



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