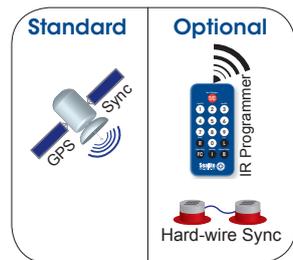


# 1-5NM Stand Alone Marine Lanterns

SL-07 Series — SL-07LB & SL-07



Shown with optional solar power supplies



## The Sealite Advantage

- IR programmable
- Fitted with on-board GPS as standard for synchronised flashing
- 1-5 nautical mile range
- 256 user-adjustable flash characteristics
- Multiple intensity settings
- Operates in conjunction with existing or purpose-built power supplies
- IP68 waterproof
- Optional solar powered configurations available



SL-07 model available with optional 4 x 6mm mounting holes

**The SL-07 series are LED marine lanterns designed to offer superior visibility and operate in conjunction with existing or purpose-built power supplies.**

With a variable range of 1 to 5NM, a maintenance-free light source and 256 user adjustable flash codes, the SL-07 series of LED lanterns is an ideal choice for operators seeking to fit a short-range marine lantern to existing or independently designed power sources.

The lanterns feature the Sealite Single LED Optic which boasts exceptional power to light output efficiency. The tough outer polycarbonate lens incorporates an environment-friendly spike – deterring unwelcome bird life. The lens design also ensures that vessel operators clearly see the light from above, when passing the AtoN.

The SL-07 series comes with standard rotary switches for convenient in-field changes of flash characters and intensity selection. In addition, the unit may be provided with an IR programmer for added functionality. Programmable features include; flash code adjustment, battery diagnostics and lux adjustment.

For ease of installation, the SL-07 series lanterns are available with either 4 x 6mm mounting holes (SL-07) or 3 & 4 hole 200mm bolt pattern base (SL-07LB).

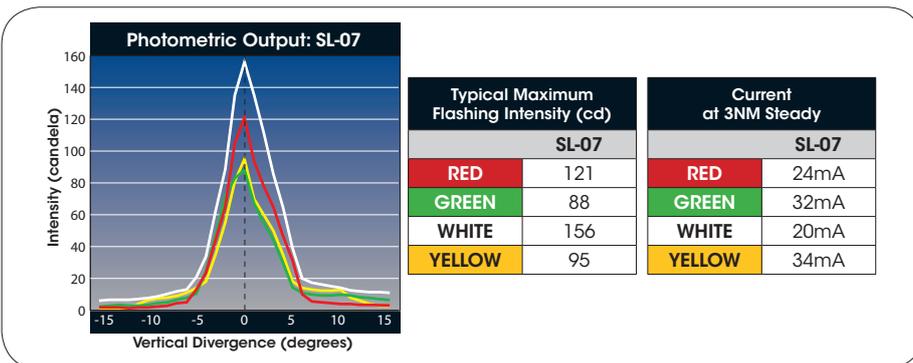
### GPS Synchronisation as Standard

Sealite has utilised the latest advancements in GPS technology to develop an internal synchronisation system that is incorporated into the SL-07 series lanterns. Using overhead satellites, lights set to the same flash pattern will flash in unison.

When lanterns flash in synchronisation they can be clearly distinguished from other nav aids and confusing background lighting.

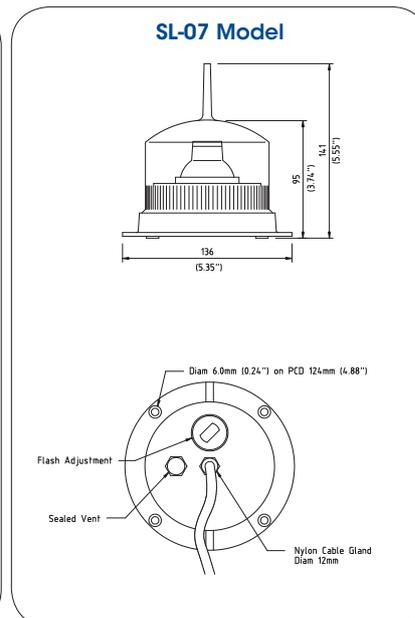
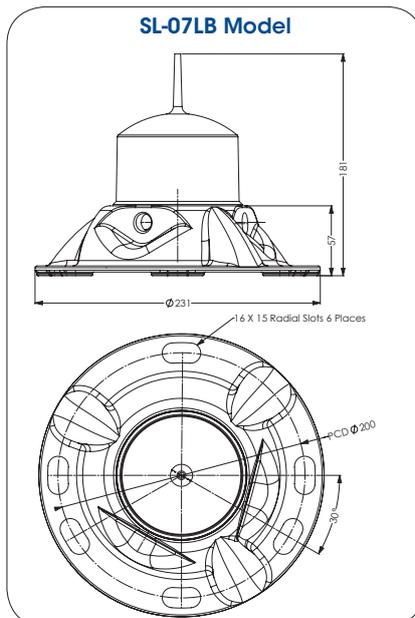
### High Intensity Mode

For high sunlight regions or low duty-cycle applications, the model may be user-set to operate in high-intensity mode by the IR programmer.



# 1-5NM Stand Alone Marine Lanterns

## SL-07 Series — SL-07LB & SL-07



### SPECIFICATIONS\* \* SL-07LB

#### Light Characteristics

Light Source  
Available Colours  
Typical Maximum Flashing Intensity (cd)†  
Visible Range (NM)

Horizontal Output (degrees)  
Vertical Divergence (degrees)  
Available Flash Characteristics  
Intensity Adjustments  
LED Life Expectancy (hours)

#### Electrical Characteristics

Power Consumption  
Circuit Protection  
Nominal Voltage (V)  
Temperature Range

#### 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

#### Certifications

CE  
IALA  
Quality Assurance  
Waterproof

#### Intellectual Property

Trademarks  
Warranty \*

#### Options Available

LED  
Red, Green, White, Yellow, Blue  
Red - 121 Green - 88 White - 156 Yellow - 95  
AT @ 0.74: 1-5  
AT @ 0.85: 1.1-6.3  
360  
7  
Up to 256 IALA recommended (user adjustable)  
Adjustable in 25% increments  
>100,000

Variable up to 2 watts  
Integrated  
12  
-40 to 80°C

LEXAN® Polycarbonate - UV-stabilised  
LEXAN® Polycarbonate - UV-stabilised  
98 / 3<sup>7</sup>/<sub>8</sub>  
Single LED Optic  
3 & 4 hole 200mm bolt pattern  
181 / 7<sup>1</sup>/<sub>8</sub>  
231 / 9<sup>1</sup>/<sub>8</sub>  
1.1 / 2<sup>3</sup>/<sub>8</sub>  
Up to 12 years

EN61000-6-3:1997. EN61000-6-1:1997  
Signal colours compliant to IALA E-200-1  
ISO9001:2008  
IP68

SEALITE® is a registered trademark of Sealite Pty Ltd  
3 years

- Power supplies/systems
- 50mm pole mount adapter plate
- Additional cable
- Light sensor disabled
- IR Programmer
- Hard-wire Synchronisation
- Variety of solar/battery configurations

### SL-07

LED  
Red, Green, White, Yellow, Blue  
Red - 121 Green - 88 White - 156 Yellow - 95

AT @ 0.74: 1-5  
AT @ 0.85: 1.1-6.3  
360  
7

Up to 256 IALA recommended (user adjustable)  
Adjustable in 25% increments  
>100,000

Variable up to 2 watts  
Integrated  
12  
-40 to 80°C

LEXAN® Polycarbonate - UV-stabilised  
LEXAN® Polycarbonate - UV-stabilised  
98 / 3<sup>7</sup>/<sub>8</sub>  
Single LED Optic  
4 x 6mm mounting holes  
141 / 5<sup>1</sup>/<sub>2</sub>  
136 / 5<sup>3</sup>/<sub>8</sub>  
0.4 / 7<sup>8</sup>/<sub>16</sub>  
Up to 12 years

EN61000-6-3:1997. EN61000-6-1:1997  
Signal colours compliant to IALA E-200-1  
ISO9001:2008  
IP68

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\* Specifications subject to change or variation without notice  
\* Subject to standard terms and conditions