

# SL07

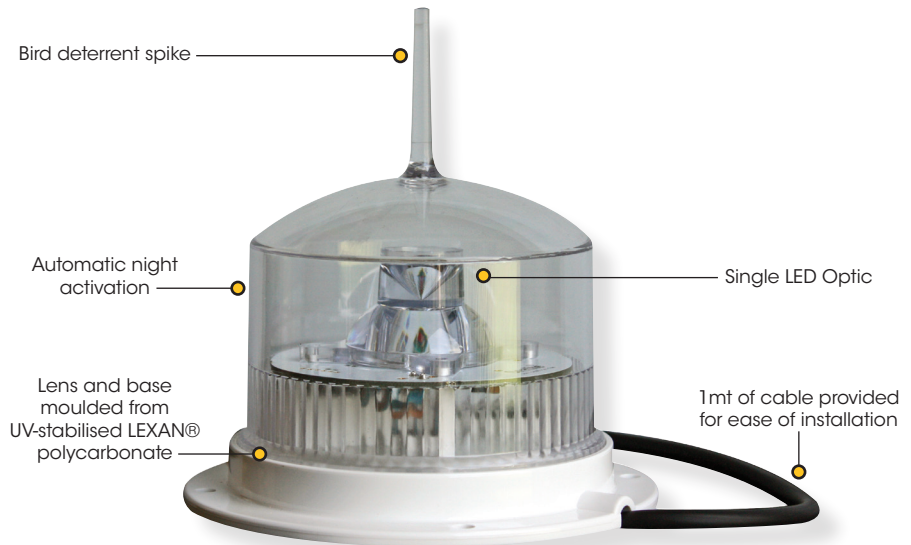
1-5nm+ LED Light Fixture

**Next  
Generation**

Single LED Optic ...  
Brighter, more efficient



Available with optional  
IR Controller



## The Sealite Advantage

- IR programmable
- 1-5 nautical mile range
- 256 user-adjustable flash characteristics
- 4 adjustable intensity settings
- Operates in conjunction with existing or purpose-built power supplies
- IP68 waterproof

**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 5nm+, 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.

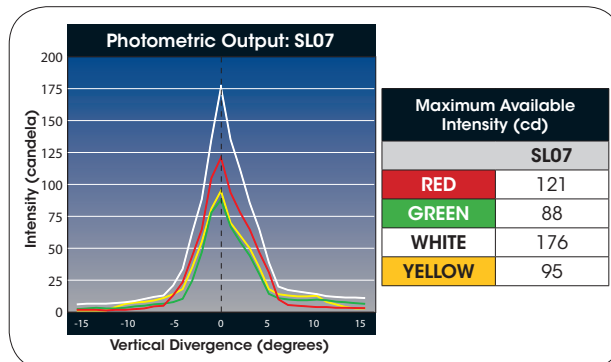
The SL07 features the Sealite's Single LED Optic which boasts exceptional power to light output efficiency. The tough outer polycarbonate lens incorporates an environment-friendly spike – deterring unwelcome bird life. The lens design also ensures that vessel operators clearly see the light from above, when passing the AtoN.

The SL07 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.

### Optional GPS Synchronisation

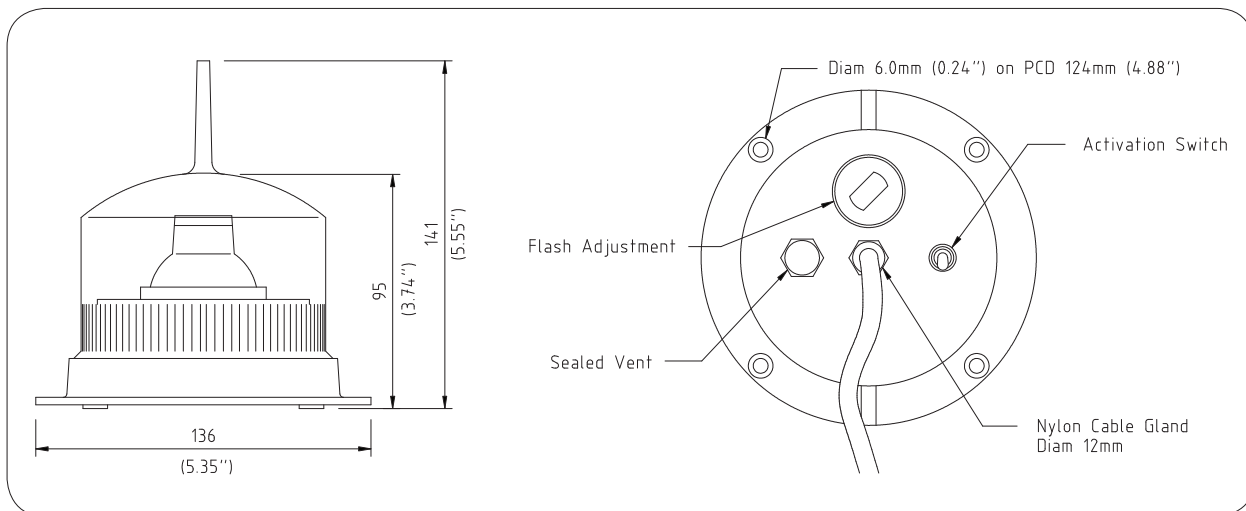
For flash synchronisation of lanterns a GPS module may be fitted.

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



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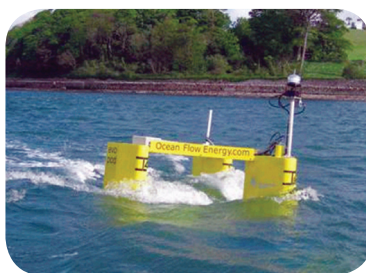
## 1-5nm+ LED Light Fixture



### SPECIFICATIONS •



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



SL07 installed on tidal stream turbine, UK

#### Light Characteristics

Light Source	1 LED
Available Colours	Red, Green, White, Yellow, Blue
Maximum Available Intensity (cd)†	Red - 121 Green - 88 White - 176 Yellow - 95
Visible Range (nm)	1-5+
Horizontal Output (degrees)	360
Vertical Divergence (degrees)	7
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)	120
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)	98 / 3 7/8
Lens Design	Single LED Optic
Mounting	4 x 6mm mounting holes
Height (mm/inches)	141 / 5 1/2
Width (mm/inches)	136 / 5 3/8
Mass (kg/lbs)	0.4 / 7/8
Product Life Expectancy	Up to 12 years

#### Certifications

CE	EN61000-6-3:1997. EN61000-6-1:1997
Quality Assurance	ISO9001:2008
Waterproof	IP68

#### Intellectual Property

Trademarks

#### Warranty \*

#### Options Available

SEALITE® is a registered trademark of Sealite Pty Ltd
3 years
• GPS Synchronisation
• 50mm pole mount adapter plate
• Additional cable
• Light sensor deactivated
• IR Controller



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