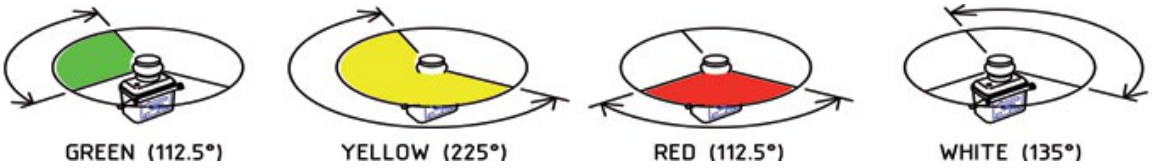
3NM Solar Barge Light

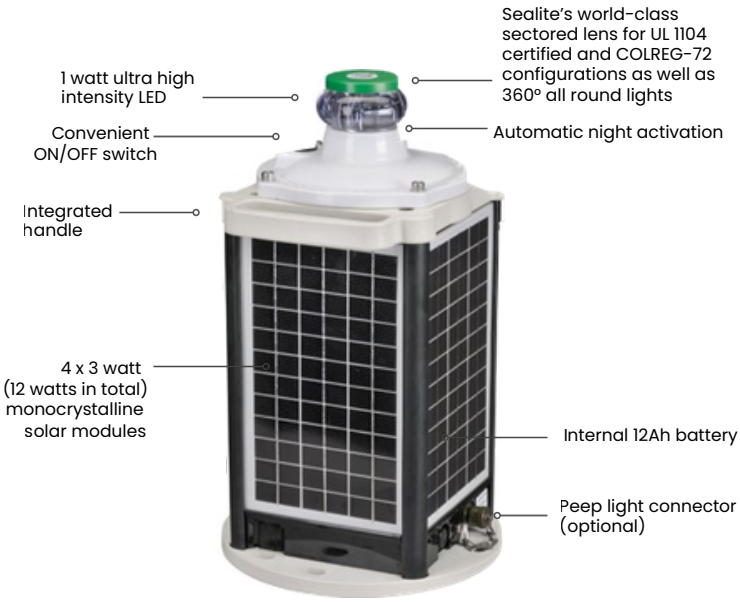
Towing Solar Marine Lanterns

The BargeSafe™ Solar 3NM is a solar powered, fully self-contained LED barge light. It is certified to UL 1104 and COLREG-72 compliant with 3NM visible range.



Key Features:

- 3NM visible range
- Precise intensity and sectoring from a single LED
- Fully self-contained with solar modules and battery
- All round 360° light configuration with flashing or steady-on flash characteristics
- Optional Peep-Light



IIntensity Range

The BargeSafe™ Solar 3NM light utilises a single leading technology LED for a visible range of 3NM.

Enhanced Optics

The optics and lens design by Sealite's world-class engineering team.

Fully Self-Contained and Durable

Made with a robust aluminium chassis with rubber extrusion corners. The BargeSafe™ Solar 3NM is fully self-contained including solar modules and internal battery. The top of the light is coloured for easy identification of light output colour.

Easy Installation

Installs in minutes, requires no operator intervention and has a permanent ON/OFF switch for easy storage.

Optional Peep-Light

The blue steady-on light assists in the navigation of inland waterways. It guides mariners when maneuvering the barge into dock and to help determine the swing of the bow when viewed from the stern. The Peep-Light comes standard with 12V rechargeable battery connection.



Light Characteristics

Light Source	Using 1 watt ultra-high intensity LED
Available Colours	Red, Green, White, Yellow as per UL 1104 & COLREG-72
Maximum Available Intensity (cd)†	As per UL 1104 & COLREG-72
Visible Range (NM)	AT @ 0.74: >3NM as per UL 1104 & COLREG-72
	AT @ 0.85: >3.5NM as per UL 1104 & COLREG-72
Horizontal Output (degrees)	Red - 112.5° Green - 112.5° White - 135° Yellow - 225° as per UL 1104 & COLREG-72.
LED Life Expectancy (hours)	>100,000

Electrical Characteristics

Current Draw (mA)	Minimal
Circuit Protection	Integrated
Nominal Voltage (V)	12
Temperature Range	-40 to 80°C

Solar Characteristics

Solar Module Type	Monocrystalline
Output (watts)	20 (4 x 5 watt)
Charging Regulation	Microprocessor controlled

Power Supply

Battery Type	SLA (Sealed Lead Acid)
Battery Capacity (Ah)	12
Nominal Voltage (V)	12
Autonomy (days)	>24

Physical Characteristics

Body Material	Aluminium chassis with UV-stabilised rubber corners and gaskets. Polycarbonate composite moulded top and base
Lens Material	Acrylic
Lens Mount & Top	Anodised aluminium
Lens Design	Internal single LED cavity with individual sectoring compartments to meet all UL 1104 & COLREG-72 angles for light output. Internal 3 x LED cavities to suit 360° all round light configuration
Mounting	3 & 4 hole 200mm bolt pattern
Height (mm/inches)	390 / 15 2/5
Width (mm/inches)	233 / 9 1/5
Mass (kg/lbs)	9.2 / 20 1/4
Product Life Expectancy	Up to 12 years ^

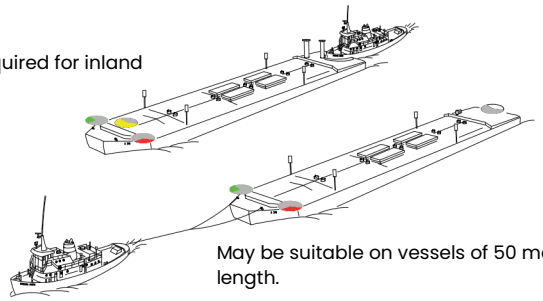
Compliance

Approvals	UL 1104. COLREG-72
IALA	Signal colors compliant to IALAE-
Ingress Protection	200-1 IP67

Intellectual Property

Trademarks	SEALITE® is a registered trademark of Sealite Pvt Ltd
	BargeSafe™ is a trademark of Sealite Pvt Ltd
Warranty *	1 year

(Yellow required for inland waters)



May be suitable on vessels of 50 metres or more in length.

Ordering This Product

SL-BLS-3-B1-[X]-[XX]
1 2 3 4

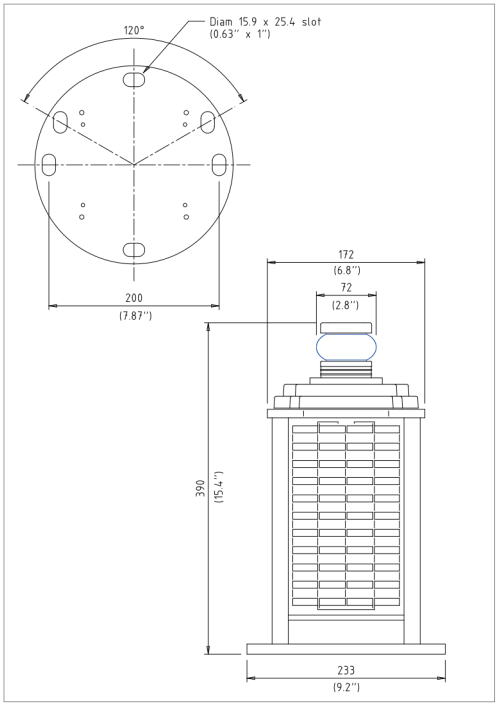
(Optional Peep Light: SL-BL-PL)

1. **Product Number**
   Sealite BargeSafe 3NM
2. **Battery**
   12Ah - Sealed Lead Acid
3. **Colour**
   W White
   Y Yellow
   G Green
   R Red
4. **Options**
   00 No options
   01 Peep light connector
   02 360° lens

Available with optional Peep-Light (SL-BL-PL)



Technical Illustrations



CE

• Specifications subject to change or variation without notice * Subject to standard terms and conditions
† Intensity setting subject to solar availability
^ Refer to the Sealite website under the warranty section