

BargeSafe™ 3NM

Barge Light

V1_2014



Available with optional Peep-Light

**Meets UL 1104
Applicable Sections for
a 3NM Barge Light &
COLREG-72 Compliant**

Moulded one-piece handle

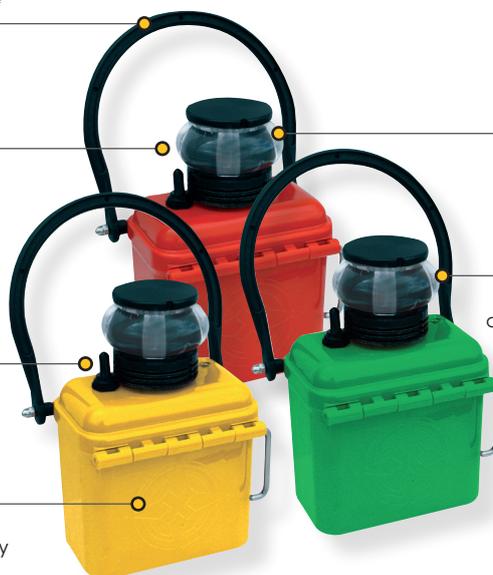
Automatic night activation

Convenient ON/OFF switch

Internal user-replaceable or rechargeable battery

1 watt ultra-high intensity LED

Sealite's world-class sectored lens for UL 1104 certified and COLREG-72 configurations as well as 360° all round lights



The Sealite Advantage

- Certified to UL 1104 & COLREG-72 photometrics
- LED technology
- Precise light sectoring achieved via Sealite's world-class in-house designed lens
- 3NM visible range
- Robust
- Installs in seconds
- Low power consumption
- Lightweight
- IP67 waterproof

The Sealite BargeSafe™ 3NM battery powered LED barge light is certified to UL 1104 and COLREG-72 compliant with >3NM visible range.

The LED barge light is one of the most advanced in its class, and incorporates a host of innovative features designed to make the unit extremely user-friendly.

The world-class LED lens is designed and manufactured by Sealite and achieves precise intensity and sectoring requirements from a single LED light source. This design helps achieve a lower operational current compared with alternative LED barge lights - making the unit ultra efficient and offering a battery run time of up to 45 nights.

The light will run from a 6v or 12V dry-cell, or can be supplied with an advanced rechargeable battery pack and charge controller. Advanced onboard circuitry incorporates a DC/DC converter which will maintain the required light source intensity over varying battery voltages.

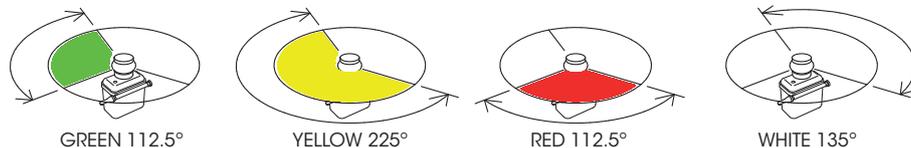
The barge light casing and handle are injection-moulded from UV-stabilised polycarbonate - offering enormous impact resistance and long operational life. The casings are coloured for easy identification of light output colour. A magnetic base provides strong fixing in position to the barge deck.

All Round 360° Light Configuration

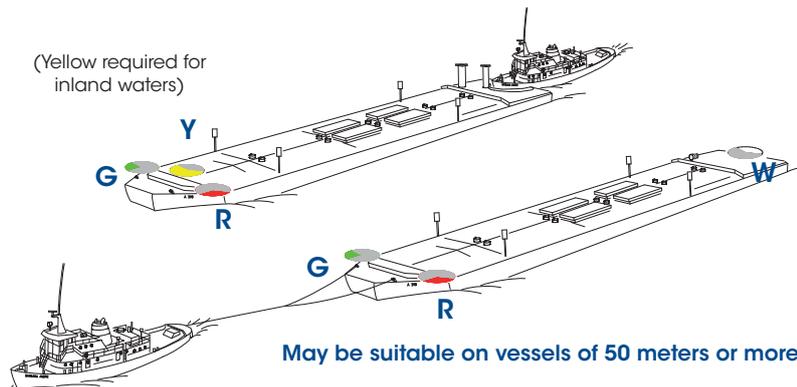
The Sealite BargeSafe™ 3NM is also available as a 360 degree all round light with either flashing or steady-on flash characteristics.

Optional Peep-Light

Sealite BargeSafe™ 3NM is available with an optional Peep-Light for the BLY-3 masthead light to assist in the navigation of inland waterways. This blue steady-on light is used to guide mariners when manoeuvring 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.



(Yellow required for inland waters)



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

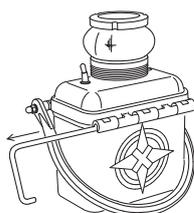
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Ease of battery recharge or replacement



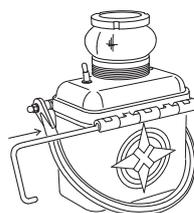
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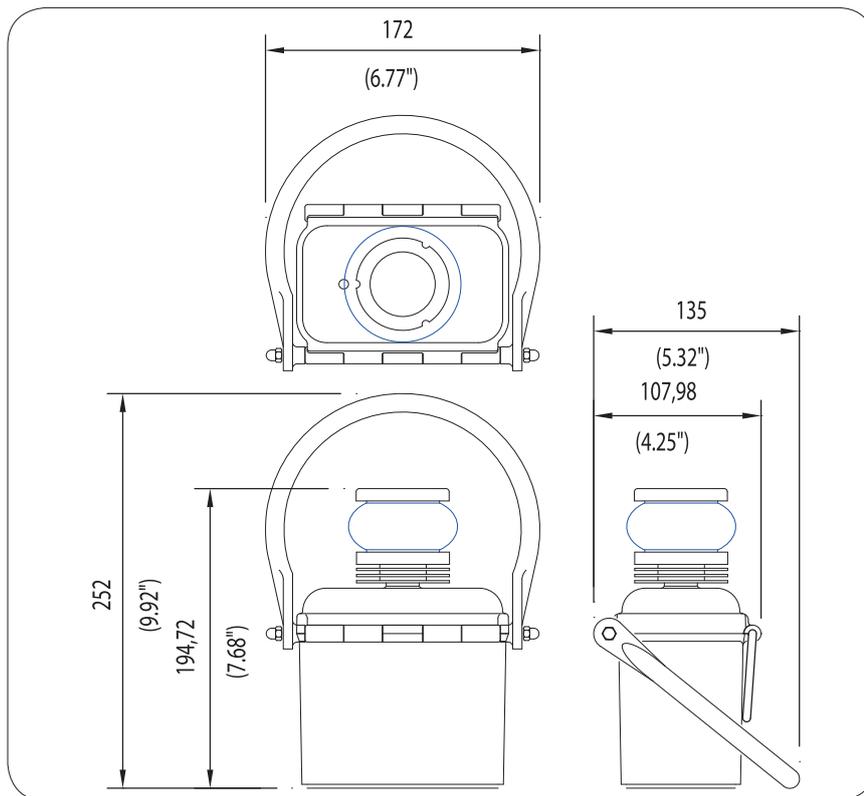
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SPECIFICATIONS* BargeSafe™ 3NM

Light Characteristics

Light Source
Available Colours
Maximum Available Intensity (cd)†
Visible Range (NM)
Horizontal Output (degrees)

1 x 1 watt ultra-high intensity LED (sectored configuration).
Red, Green, White, Yellow as per UL 1104 & COLREG-72
As per UL 1104 & COLREG-72
>3NM as per UL 1104 & COLREG-72
Red - 112.5° Green - 112.5° White - 135° Yellow - 225° as per UL 1104 & COLREG-72.

Flash Characteristics

As per UL 1104 & COLREG-72 (steady-on & flashing). All round flashing RED
>100,000

LED Life Expectancy (hours)

>100,000

Electrical Characteristics

Circuit Protection
Working Voltage Range (V)
Temperature Range

Integrated
4 - 16
-40 to 80°C

Power Supply

Battery Type
Battery Capacity (Ah)
Nominal Voltage (V)
Autonomy (days)

Air Alkaline (recommended), rechargeable battery (optional)
45Ah (Air Alkaline)
6v (Air Alkaline)
>45

Physical Characteristics

Battery Housing
Lens Material
Lens Mount & Top
Lens Design

LEXAN® Polycarbonate - UV-stabilised
Acrylic
Anodised aluminium
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
Height (mm/inches)
Width (mm/inches)
Depth (mm/inches)
Mass (kg/lbs)
Product Life Expectancy

4 x magnets
195 / 7²/₃
172 / 6⁷/₈
108 / 4¹/₄
1.5 / 3¹/₃
Up to 12 years

Certifications

Approvals
Quality Assurance
Waterproof

UL 1104, COLREG-72
ISO9001:2008
IP67

Intellectual Property

Trademarks

SEALITE® is a registered trademark of Sealite Pty Ltd
BargeSafe™ is a trademark of Sealite Pty Ltd

Warranty*

1 year



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

