



**DANIAMANT**  
**L90 lifebuoy light**

Installation and Maintenance Instructions



**Description**

The L90 lifebuoy light is a dry cell powered light equipped with a tilt switch for automatic function. It burns for two hours with a light intensity of at least 2 candelas and is safe on oil or petrol covered waters.

**Daniamant Limited**

Unit 3, The Admiral Park, Airport Service Road, Portsmouth, UK PO3 5RQ

+44 (0)23 9267 5100

[www.daniamant.com](http://www.daniamant.com)

63-126 Issue 4 (C6279)

## General

A lifebuoy light marks the position of a lifebuoy. It is attached to the lifebuoys on board the ship. In case of a man overboard, the lifebuoy will be thrown overboard together with the lifebuoy light. It marks the position of the lifebuoy for the person who has gone overboard and for the ship or the rescue boat.

## Stowage

Lifebuoy lights are provided on ships (a lifebuoy light is connected to every second lifebuoy; minimum is 2 lifebuoy lights per ship).

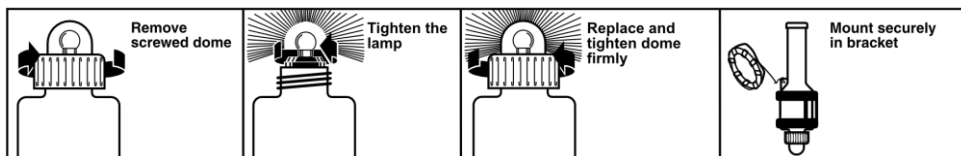
The L90 Lifebuoy Light has been constructed to withstand a drop into the water from at least 30M as required by LSA Code (Chapter II, Section 2.1.1.6). This model has been tested and approved to 60M.

Maximum stowage height: 60M

## Instructions for use

### Initial fitting

To avoid battery drain in transit, the lamp of the L90 is not fully fitted. When the L90 is initially fitted to the vessel, ensure that the lamp is fitted as per the following instructions



The above instructions are also printed on the body of the lifebuoy light

Install lifebuoy light into bracket with the light in an inverted position.

Tie the lanyard to the lifebuoy.

In case of an emergency (man overboard) throw the light overboard together with the lifebuoy.

## Characteristics

<b>Light output</b>	2 Cd minimum for 2 hours
<b>Length</b>	380mm
<b>Weight</b>	1080g
<b>Lamp</b>	4 Volt, 0.6 Amp.
<b>Batteries</b>	5 1.5 Volt LR20
<b>Activation</b>	Self-activating by tilt switch
<b>Connecting Line</b>	Unit comes complete with lanyard.

The light will only function when upright.  
Fasten to vessel only with L90 mounting bracket

## Maintenance

The L90 uses five standard LR20 Alkaline batteries as its power source. These need to be replaced on a yearly basis to ensure proper function of the light. When replacing batteries, always use one of the following brands:-

- Duracell® Plus
- Panasonic® Xtreme Power
- Varta®

The following spares are available to support the L90.

- |                    |             |         |
|--------------------|-------------|---------|
| • L90 Bracket      | Part Number | 63-4003 |
| • L90 Lamp         | Part Number | 63-1000 |
| • L90 Dome         | Part Number | 63-4001 |
| • L90 Sealing Ring | Part Number | 63-8005 |

Whenever the L90 lamp or the L90 Dome is replaced, the L90 Sealing Ring must be replaced at the same time.

All spares are held at key distributors around the world.

## Health and Safety information

Information on the composition and behaviour of these products is contained in the Product Safety Data Sheet, available from our website ([www.daniamant.com](http://www.daniamant.com)) or on request.

## Disposal

Dispose of used lights in accordance with local regulations. This should be done through an approved environmental disposal agent.

Further copies of this installation and maintenance instructions are available to download from our website **[www.daniamant.com](http://www.daniamant.com)**  
A copy of these instructions must be held with the ships/owners training manual.