



## **DANIAMANT** **L120 lifebuoy light**

### Installation and Maintenance Instructions



#### **Description**

The L120 lifebuoy light is a system designed for automatic actuation by the act of releasing the lifebuoy to which the unit is attached, such that the battery is activated when the light is pulled from its housing.

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## Installation

Typical mounting positions are shown in the illustrations on Page 3.

## Stowage

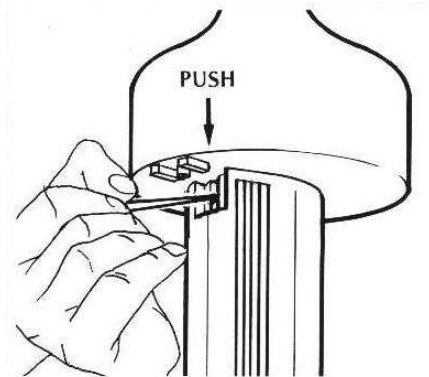
The L120 Lifebuoy has been constructed to withstand a drop into the water from at least 30M as required by LSA Code (Chapter II Section 2.1.1.6). This model has been tested and approved to 30M. Maximum Stowage Height: 30M

## Maintenance

### Routine service

The L120 is maintenance free, but the following checks should be made periodically (eg annually):

1. Inspect visually to ensure the casing is undamaged and that no component parts are missing or damaged.
2. Carefully extract the unit a maximum of 150mm (6") from its housing, taking care not to damage the integrity seals at the points of entry of the nylon cord.
3. Using a test probe or similar implement (such as the point of a ballpoint pen), engage the centre of the spring plunger immediately under the buoyancy chamber.
4. Push the plunger downwards against spring pressure to switch on the unit.
5. Release the plunger to extinguish the lamp, then replace the unit into the housing.



*L120 press-to-test switch*

## Characteristics

<b>Light output</b>		2 Cd minimum for 2 hours
<b>Dimensions</b>	Light in housing	235mm high x 89mm Ø
<b>Weight</b>	Light	175g
	Complete assembly	300g

## Safety

This light uses Lithium cells. These must be handled correctly:

- Do not dismantle battery pack
- Do not make any external electrical connection
- Do not recharge
- Do not incinerate
- Store between  $-30^{\circ}\text{C}$  and  $+65^{\circ}\text{C}$

## Health and Safety information

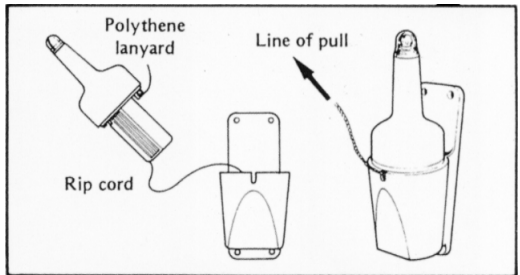
Daniamant lithium-powered marine safety light systems have a design life of 5 years. The batteries are hermetically sealed pressurised primary Lithium/Manganese cells, and as supplied are electrically protected by a solid state device, and are environmentally protected by a moulded plastic housing. In this condition the units pose no definable hazard to health.

Information on the composition and behaviour of these products is contained in the Product Safety Data Sheet, available on request.

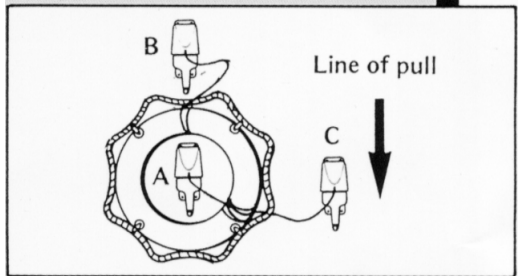
## Disposal

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

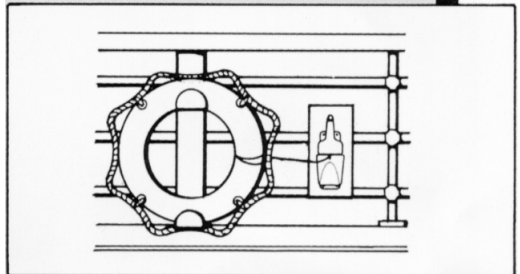
### *General principle of mounting*



### *Mounting position when lifebuoy is fitted above shoulder height*



### *Mounting positions when lifebuoy and L120 are fitted inboard (L120 is mounted on a board fixed to the rails)*



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