



## Liferaft lighting Systems RL5 System



Daniamant design and manufacture all of our products in line with the relevant worldwide approvals, technical specifications, current legislation and International directives.

Our mission is to achieve World class performance through partnerships with our suppliers, customers and employees, providing products and services that enhance the safety and security of our customers.

### Daniamant products cover 11 key areas:

- Lifejacket Lights
- Liferaft Lights
- Lifebuoy Lights
- Intrinsically Safe Lights
  - Special Lights
  - LED Flares
- Bridge Navigational Watch Alarm System (BNWAS)
  - Salinometers
  - Oil Level Alarm
- Electronic Inclinator
- Agency for a range of world-renowned safety product brands (supplied to the Danish market)

**Daniamant have been World Leaders in offering innovative Liferaft lighting systems to the World's Liferaft producers for years now. This brochure details the currently available systems.**

### RL5

The RL5 features the very latest LED technology to enhance performance and reduce costs. The RL5 comprises of just two items.

- 1) The External Light and Lead
- 2) The Internal Light and Battery

The Internal Light and Battery also powers the external light, a key part of increasing reliability and reducing costs. The two units are connected by a polarised sealed plug with a screwed locking ring, for ease of service and replacement. The performance of course meets IMO SOLAS standards, is fully MED approved and also approved by the USCG.

### External light and lead

The External Light is a flashing LED Light, offering advances in reliability and performance. The LED ring comprises some 8 LED's mounted in a way to ensure a minimum light output of 4.3cd over 180 degrees. It is connected via a 65 cm lead to the internally mounted Interior Light and battery. This lead length can be varied subject to quantities required.

### Internal light and battery

The sealed Interior Light is combined with the single battery that powers the complete RL5 system. The RL5 is switched and controlled from this unit. Pulling the styled pull tag operates both the Interior and Exterior Lights. The interior light is a steady light. Both the internal and external lights can be separately switched to conserve battery power if required.

The RL5 is dated for 5 years from the date of manufacture.

### Polar Code

The RL5, Rescue Master 2B and Rescue Master 12V has been tested against the Polar Code to -52 C for use in polar regions.

## RL/RB System

The well established RL/RB system continues to be available. It comprises of the RB2 battery pack, which is fitted to the RL1 Internal Light, or the RL4 External Light (requires 2 x RB2's). The battery is connected to the lead by a polarised sealed plug. This is fixed in place by a screwed locking ring. This enables easy service and replacement.



## Rescue Dan R.INT2

This is a small, single light unit supplied complete with battery and lamp. As an internal light, it provides sufficient light output to read by for a minimum of 12 hours. The light is steady for over 12 hours and produces 0.5 cd as per the requirements of MSC226(82). The light is activated automatically during inflation of the life raft. The R.INT2 replaces the previously popular R.INT1 light.



## Rescue Dan R.EXT1

This is the updated version of the R.EXT light. It is slim in design and very cost effective. It is in two parts (battery and lamp) and provides more than 4.3 cd in all directions for a minimum of 12 hours. This backing plate can also be used for Internal Light type Rescue Dan R.INT2. The R.EXT1 replaces the previously popular R.EXT.



## Rescue Master 1

An internal light made in two parts, a battery and lamp, which can be supplied separately. The lead length on the lamp can be customised. The battery can be automatically activated by pulling the activation pin out during inflation of the liferaft.

## Rescue Master 2B

An external light made in two parts, a battery and lamp, which can be supplied separately. The lead length on the lamp can be customised. The battery can be automatically activated by pulling the activation pin out during liferaft inflation.



## Rescue Master 3B

An external light identical to Rescue-Master 2B, but has a larger battery housing.