



BROCHURE

NEW

## ODEO SOS

**ODEO** SOS  
FLARE

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 12 key areas:

- Lifejacket Lights
- Liferaft Lights
- Lifebuoy Lights
- Intrinsically Safe Lights
- Special Lights
- LED Flares (EVDS)
- Forward Looking Sonars (FLS)
  - 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)

### Further Information

For further information on our products, please see our website: [www.daniamant.com](http://www.daniamant.com)

### Introduction

Daniamant introduces the ODEO SOS to increase its range of electronic visual distress signals (eVDS). The ODEO SOS is certified to meet US Coast Guard requirements which means it can be used (with provided distress flag) instead of pyrotechnic flares in some countries (USA). The ODEO SOS is a high intensity strobe light providing high intensity internationally recognised SOS morse signal.

The ODEO SOS lasts up to 9 hours further increasing chances of rescue and survival. Meeting the USCG requirements of 46 CFR 161.013 the ODEO SOS is approved as night time visual distress signal. With the orange distress flag provided, that meets the requirements of 46 CFR 160.072 the day time visual distress signal requirements are also met (for carriage and approval of day and night distress signals please refer to 33 CFR part 175).

The unit is waterproof to 5m and has been tested to IP68. The design of the ODEO SOS ensures that the visual signal can be seen both by surface rescue craft and aircraft flying overhead. This coupled with its long lasting performance gives users the most chance of being seen and rescued.

### Features

- >2500 cd peak equivalent
- Fixed intensity for 9 hours (USCG requires 6 hours)
- User replaceable AA lithium batteries
- Easy twist action (important in cold conditions)
- Lanyard and Velcro strap
- Buoyant
- Lightweight
- Years of service
- SOS Signal



## ODEO SOS

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### Installation

The ODEO SOS can be held by hand in an emergency situation or fitted to a lifejacket using the velcro strap.

The distress flag can also be used by hand, or be flown by attaching to the mast or hoisting to the highest point possible. The flag is only valid as a day time signal.

### Typical use

Designed for lifesaving situations as a collision warning or to pinpoint your position in a distress situation. The ODEO SOS gives a very effective visual signal for position indication and its powerful output and long life means it can be activated and no further action is required. It will continue to flash your position for up to 9 hours.

For the US waters having the ODEO SOS means that boaters no longer require pyrotechnic flares on vessels up to 65' in length. Also within 12 miles of US waters, on bodies of water with a passage way to the sea at least two miles wide or the Great Lakes. Vessels <16' do not require the distress flag but still require the ODEO SOS as a night time visual distress signal.

### Benefits over pyro

- No expiry date as replaceable batteries
- Easy to use for all members of the family
- No issues with disposal
- Less environmental impact
- No flame (fire hazard)

### Power supply

The ODEO SOS uses 4 x AA L91 lithium batteries. These batteries have the required shelf life and power capacity and will operate over an extended temperature range. Lithium provides superior duration especially in cold conditions.