



# Pyrotechnic Marine Distress Signals

*Trusted by marine professionals,  
boat enthusiasts & armed forces  
all over the world.*



## LALIZAS Parachute Rocket ASTROS II, Red



Emergency signal for position marking during rescue operations in day & night.

- SOLAS/MED/USCG approved
- Covers carriage requirements for commercial vessels and recreational boats/crafts
- Ejects red flare on parachute at 300 m for distress signalling and enhanced visibility
- Compact design for easy stowage in liferafts
- Screw cup provides additional safety by preventing unintended use
- Exceptional performance even in harsh weather conditions
- Easy and safe handling

|                        |                   |
|------------------------|-------------------|
| <b>Code</b>            | <b>747871</b>     |
| <b>Colour of Light</b> | Red               |
| <b>Burning Time</b>    | >40 s             |
| <b>Light Intensity</b> | >30000 cd         |
| <b>Ignition</b>        | Pull-wire ignitor |
| <b>Weight</b>          | 280 gr $\pm$ 5 gr |
| <b>NEC</b>             | 100 gr $\pm$ 5 gr |

## LALIZAS Hand-Held Flare ASTROS II, Red



Emergency signal for position marking during rescue operations in day & night.

- SOLAS/MED/USCG approved
- Certified according to Directive 2013/29/EU (CE)
- Covers carriage requirements for commercial vessels and recreational boats/crafts
- Safe for use near oil or petrol - covered water
- Compact design for easy stowage in liferafts
- Exceptional performance even in harsh weather conditions
- Easy and safe handling

|                        |                   |
|------------------------|-------------------|
| <b>Code</b>            | <b>747881</b>     |
| <b>Colour of Light</b> | Red               |
| <b>Burning Time</b>    | >60 s             |
| <b>Light Intensity</b> | >15000 cd         |
| <b>Ignition</b>        | Pull-wire ignitor |
| <b>Weight</b>          | 165 gr $\pm$ 5 gr |
| <b>NEC</b>             | 55 $\pm$ 5 gr     |

## LALIZAS Buoyant Smoke Signal ASTROS, Orange



Emergency signal for position marking during rescue operations in daytime.

- SOLAS/MED/USCG approved
- Can be used for indication of wind direction
- Compact design for easy stowage in liferafts
- Exceptional performance even in harsh weather conditions
- Easy handling

|                        |                                |
|------------------------|--------------------------------|
| <b>Code</b>            | <b>74789</b>                   |
| <b>Colour of Light</b> | Dense orange smoke             |
| <b>Burning Time</b>    | >3 min.                        |
| <b>Ignition</b>        | Pull-wire with 2 seconds delay |
| <b>Weight</b>          | 385 $\pm$ 5 g                  |
| <b>NEC</b>             | 250 $\pm$ 5 g                  |

## Man Over Board



Emergency signal for position marking during day & night, with light and smoke.

Should be attached to a lifebuoy ring (not supplied).

In case of emergency it shall be manually activated or released automatically to mark the position of a man overboard during day or night.

- SOLAS/MED/USCG approved
- Certified according to Directive 2013/29/EU (CE)
- Unique central LED lighting system for 360° visibility
- Approved mounting height 30 m, but manufacturer tested and permitted up to 200 m
- High-quality, corrosion-resistant materials to withstand particularly harsh environments
- Premium bracket system for easy mounting and handling

|                            |                                    |
|----------------------------|------------------------------------|
| Code                       | 70420                              |
| Colour of Light            | Dense orange smoke and white light |
| Burning Time               | >15 min                            |
| Light Intensity & Duration | >2 candela for at least 2 hours    |
| Weight                     | 2,75 kg                            |
| NEC                        | 1 kg                               |

## LALIZAS Hand-Held Flare ASTROS II, White

Emergency signal for collision warning, position marking & illuminating for day & night.

- Certified according to Directive 2013/29/EU (CE)
- Easy and safe handling



|                 |                   |
|-----------------|-------------------|
| Code            | 748601            |
| Colour of Light | White             |
| Burning Time    | >60 s             |
| Light Intensity | >15500 cd         |
| Ignition        | Pull-wire ignitor |
| Weight          | 165 gr ±5 gr      |
| NEC             | 55 ±5 gr          |

## IKAROS Linethrower



Available replacement spare rocket, if used or expired.

## IKAROS Linethrower (Body & Line), SOLAS/MED/USCG

Code | 74687

## IKAROS Rocket for Linethrower

Code | 70087

Used for casting a pilot line for cables and ropes in rescue operations at sea. Can be used between ships, from shore to ship or ship to shore, and for rescuing personnel.

- SOLAS/MED/USCG approved
- Robust & waterproof
- Integral handle

|                |                   |
|----------------|-------------------|
| Weight         | 4,65 kg           |
| Ignition       | Trigger mechanism |
| Throwing Range | 300 m             |
| Line Strength  | 2 kN              |

## COMBINE WITH



**Storage Bottle for Distress Signals/Pyrotechnics 12L, Yellow**

Code | 198265



**Dry Bag for Distress Signals/Pyrotechnics**

Code | 74636





LALIZAS

2 Mikras Asias - Fokeas & Eginis, 185 47 Piraeus, Greece

Tel.: +30 210 4226274 - e-mail: [info@lalizas.com](mailto:info@lalizas.com)

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