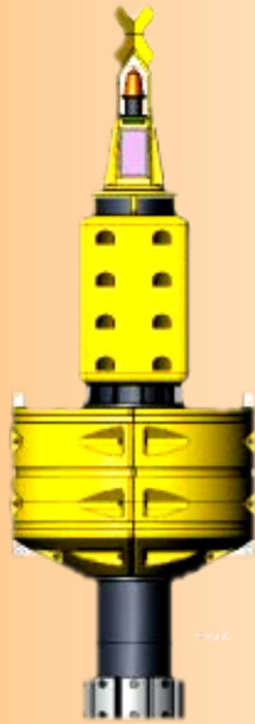


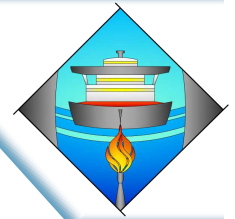


IOCS S.r.L.

Hoses & Ancillaries Equipment Supply for Oil & Gas Industry

WINKER LIGHTS & NAVIGATION AIDS

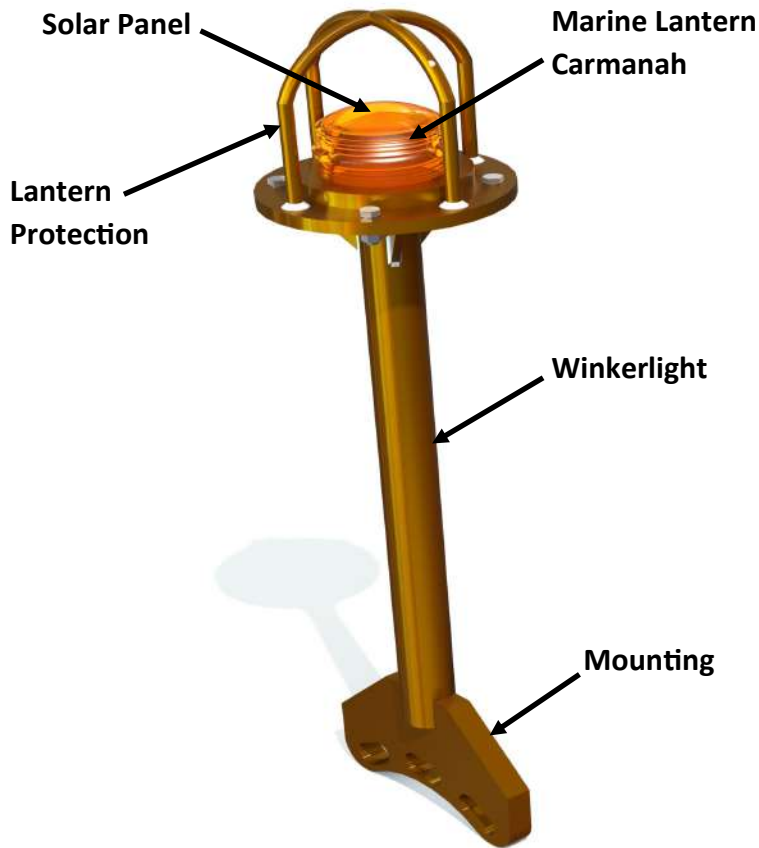




Prod. Code: 290

Winker Light Type Small, Short and Tall

Designed to be Fixed on Top of the Hose Flanges



The Solar Powered Winker Light, is available in three different heights, and are easy to mount on the flanges of floating hoses.

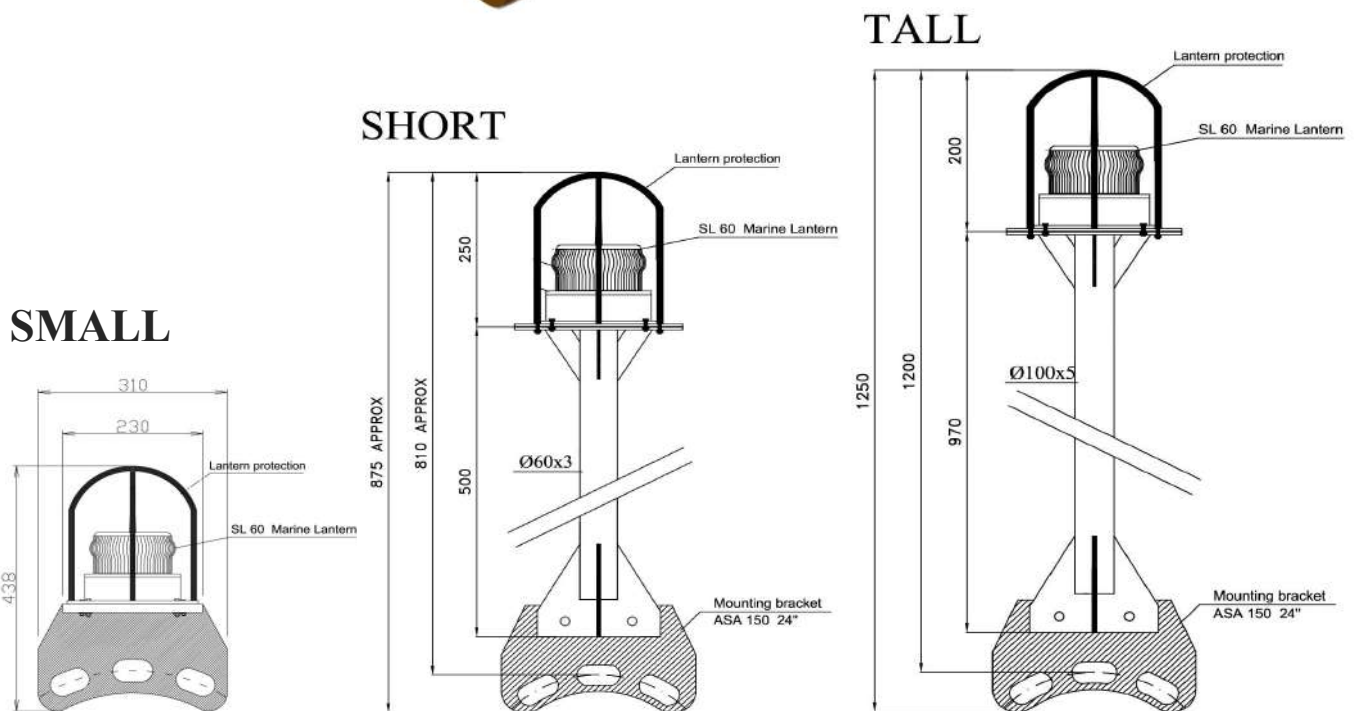
A set of opposite attachments allows to fix the lantern body to the flange of any hose diameter.

Range of visibility (day and night) depends on choice of lens colours (consult us for specific advice). Number of lights installed in the line is a matter of operator's choice and often depends on traffic density within immediate area of floating hose line.

Battery life is dependent on frequency of flash.

Solar panels are an available option.

Watertightness assured.





Prod. Code: 291

TECHNICAL DATA	
DIMENSIONS	
Buoy Body Diameter (nominal)	4300 mm
Thickness of PE	10 mm
Focal plane height	6000 mm
Free board (without mooring)	1000 mm
Displacement per dm/immersion	1393 Kg
Total weight approx.	9330 Kg
Draught (without mooring)	2700 mm
MATERIALS	
Buoy Body:	PE rotomoulded + expanded PU
Superstructure:	Glass-reinforced plastic
Central body:	Galvanized steel
STANDARD ELECTRICAL EQUIPMENT	
ES250LC256 Marine Lantern Solar Powered 100 W	
MOORING	
Open link chain	38 mm
Max. supported mooring:	2100 Kg

TECHNICAL DATA	
DIMENSIONS	
Buoy Body Diameter (nominal)	3000 mm
Thickness of PE	8 mm
Focal plane height	4000 mm
Free board (without mooring)	600 mm
Displacement per dm/immersion	700 Kg
Total length approx.	5800 mm
Total weight approx.	3200 Kg
Draught (without mooring)	1300 mm
MATERIALS	
Buoy Body:	PE rotomoulded + expanded PU
Superstructure:	PE rotomoulded
Skirt and central body:	Galvanized steel
STANDARD ELECTRICAL EQUIPMENT	
CSP 410 + LED 120-256 Light range: 3 nautical miles - white light	
MOORING	
Open link chain	38 mm
Max. supported mooring:	1000 Kg

TECHNICAL DATA	
DIMENSIONS	
Buoy Body Diameter (nominal)	2200 mm
Thickness of PE	8 mm
Focal plane height	3720 mm approx.
Free board (without mooring)	1000 mm
Displacement per dm/immersion	280 Kg
Total length approx.	6400 mm
Total weight approx.	1800 Kg
MATERIALS	
Buoy Body:	PE rotomoulded + expanded PU
Tube:	PE
STANDARD ELECTRICAL EQUIPMENT	
Marine Lantern: LED 120-256 Light range: 5 nautical miles Main supply: CSP 400 series	
MOORING	
Open link chain	28 mm
Max. supported mooring:	1400 Kg