

CS 155LED - CS 250LED MARINE LANTERNS

Following the new led technology the CS155 and CS250 Marine Lanterns already part of Cosema's production, equipped with the new CL70 emitter, have now introduced the new **CS155LED and CS155LED Marine Lanterns.**

The new **CL70 emitter** features a tier of 9 high intensity LEDs placed at the centre of a focusing lens; it has an excellent distribution of the light on the horizontal plane and therefore suitable for its usage with Fresnel lenses with all well known advantages in optical ranges.

It can substitute the traditional lampchangers equipped with lamps, having much lower consumptions and maintenance costs.

The **flasher** incorporates a circuit to optimize the current on the LEDs according to the range required and the flashing characteristics are programmed by Cosema to clients specifications or with the usage of a multi-character circuit that gives 256 characteristics by means of two small hexadecimal switches without having to substitute any components.

For photovoltaic installations the flasher can be equipped with a built-in charge regulator.

For mains installations the flasher can function directly at 220 Volt.

The **CS155LED and CS250LED Marine Lanterns** incorporate a **protective vent** that allows a fast temperature equalization by allowing the air to pass freely through its membrane thus reducing the stress on sealing devices and the formation of condensation.

The result is a reduction of maintenance costs and an increase in reliability and lifespan.

The **sunswitch** is always included, guarantees the functioning only when necessary.



CS 155LED MARINE LANTERN



CS 250LED MARINE LANTERN





TECHNICAL DATA

LENS

Methacrylate lens of 155 mm. diameter, in one whole body.

VISIBILITY

360°, omnidirectional.

CL70 EMITTER

n.9 high intensity LEDs, operating life 100.000 hours, in the colours white, amber, red, green and blue.

FLASHER

12 to 16V., solid state, any flashing characteristics or steady burn.

ASSEMBLY FLANGE

4 holes 16 mm. diameter on 200 mm PCD.

WEIGHT CS 155LED

Net weight : Kg. 3,8
Shipping weight : Kg. 5,3
Shipping dimensions : cm 30 x 30 x (h) 60

WEIGHT CS 250LED

Net weight : Kg. 11,6
Shipping weight : Kg. 13,7
Shipping dimensions : cm 45 x 45 x (h) 80



CL 70 EMITTER

CS 155LED MARINE LANTERN consumption mA				
Range n.m.	White	Red	Green	Amber
3	24	80	30	92
4	46	120	62	141
5	132	282	183	335*
6	293	585**	425**	699**

CS 250LED MARINE LANTERN consumption mA				
Range n.m.	White	Red	Green	Amber
5	75	242	150	244
6	150	384*	222	393*
7	272	611**	366*	663**
8	505*	1046**	642**	1180**

* Light proportion not to exceed 1:2

** Light proportion not to exceed 1:3