



**TEMPORARY SELF-CONTAINED LED LANTERN DATA SHEET
TYPE COSEMA CL 299**



Nominal range	Up to 6 nautical miles (max. 12.5% duty cycle)
Number of LEDs	9 high intensity LEDs
LEDs life expectancy	100.000 hours
Horizontal output	360 degrees
Available light colors	Clear, red, green, amber, blue
Lens	155 mm. acrylic clear (optional: colored lens)
Lantern body	Enamelled stainless steel
Daylight control on/off	70/100 lux
Flashing characteristics	All IALA flash patterns (others on demand)
Minimum solar radiation	3 hours (3kWh/m ² /day)
Solar charge regulator	Included
Photocell	Included, at the bottom of the lantern base
On/off switch	Included, at the bottom of the lantern base
Solar panels type	Crystalline 14% efficiency
Battery type	Sealed lead battery 12V - 12Ah
Battery design life	5 years
Lens and battery	Replaceable
Temperature range	- 40° / + 60° C
Mechanical protection	IP 67
Battery protective vent	Included, at the bottom of the lantern base
Assembly flange	4 holes 16 mm. diameter on 200 mm PCD
Weight	Kg. 13
Dimensions	mm 250 x 250 x 650 (h).

Testing and Certification

CE Approved according to 2004/108/CE

Document can be subjected to modifications, without prior notice