

Resinex Co.Se.Ma
New Marine
Lanterns
CL 301 and
CL 401


RESINEX
SINCE 1961 MARINE TECHNOLOGY






- **Integrated Fresnel Lens:** Compliant with IALA regulations, the Fresnel lens ensures optimal LED emission for superior visibility at sea compared to more common lenses. The maximum luminous range for the new CL 301 is 6 nautical miles, while for the CL 401, it is 8 nautical miles.
- **Wide Coverage:** the lanterns are equipped with two new internal lenses for adjusting vertical divergence (FWHM): a narrow divergence, optimized for achieving greater distances, and a wider divergence designed to ensure maximum visibility even when the lantern is installed on buoys or elastic beacons. This flexibility allows for precise adaptation to the specific needs of the marine environment where the lanterns are deployed.
- **Satellite Synchronization:** Through the satellite connectivity, it will be possible to program multiple lanterns for synchronized flashing (UNIFLASH).



- **Advanced Protection:** The IP68 classification guarantees a complete protection of the marine lantern from dust (level 6) and allows the resistance to continuous immersion in water (level 8). This ensures high reliability of the device even in extreme marine environments or adverse weather conditions.

- **Optimized Design:** The metal structure with a handle lets an easy handling.

- **Electromagnetic Compatibility:** The lantern emits no interference, enabling radio communications even near the signal in total safety.

- **Infrared Programmer for Advanced Control:** The CR01 electronic circuit features an integrated remote control that allows for the adjustment of flashing characteristics and luminous range of the lantern remotely, without the need for any manual intervention.



The new remote control.



QUALITY TEST

The Resinex-CoSeMa marine lanterns, after being tested in the black room set up at our Co.Se.Ma center in Pesaro, have passed the following international tests at the certification institute “Istituto Giordano” in Rimini:



Electromagnetic compatibility



Photometric and Colorimetric test



Degree of protection IP68

