

LONG RANGE LED SIGNAL LANTERN

Type IML 250



FEATURES

The IML 250 is a LONG RANGE, advanced LED beacon. The light source comprises high intensity LEDs with precision reflectors and horizontal scattering lenses, which provide consistent horizontal divergence. Housing and top are painted with two layers of high impact polyester powder (signal grey). Provisions are made for air pressure equalisation and to prevent moisture from entering the casing.

For synchronising additional lanterns, the flasher has hard-wired input/output connections. The lantern can synchronise with the ITO sync GPS receiver. Compared to conventional signal lanterns, this beacon has low maintenance costs, affords excellent emitted light intensity with regards to power consumption, offers LED long life expectancy and is highly reliable.

SPECIFICATIONS

Application	Offshore platforms, landfall beacons, harbour lights
Lens material/ type	Acrylic type PMMA250
Lantern housing	Marine grade aluminium
Birdspike	Stainless steel
LED type	High intensity, red, green, yellow and white
Life expectancy	Approx. 100,000 hours
Flasher	Infrared remote control for setting LED current (5 metre range) and the 221 pre-programmed IALA flash codes. Daylight sensor can be field set.
Electrical parameters	LED current set point, battery voltage and day/night switching point can be read and set by means of an infrared remote control
Connection	: Cable gland PG13.5, brass, nickel plated
Synchronisation	Via Internal GPS receiver, including date calendar on/off.
Daylight switch	Internally placed
Horizontal spread	360 degrees
Vertical divergence	> 2,5 degrees
Maximum intensity	Depending on setting and color
Voltage range	9-30 volt DC
Protection class	IP67
Mounting	4 holes of 15mm on a 200 mm pitch circle
Weight	7 kg
Operating temperature	-40°C à +55°C

