

# TEN-MILE LED SIGNAL LANTERN

Type IML 250



## FEATURES

The IML 250 is a ten-mile, 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	Polyethylene
LED type	High intensity, red, green, orange 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	Battery voltage and day/night switching point can be read
Connection	Screw terminal block
Cable entry	PG 16 cable gland
Daylight switch	Internally placed
Horizontal spread	360 degrees
Vertical divergence	> 2.5 degrees at 10% of I max
Maximum intensity	2,400 candela with one LED array
Voltage range	12-34 volt DC
Protection class	IP67
Mounting	4 holes of 15mm on a 200 mm pitch circle
Weight	6.7 kg

