

ICE BUOY LANTERN

IML 200 IB LED



ATON



The IML 200 IB LED signal lantern is designed for harsh Arctic environments. Extremely robust and having a low profile, it has a scattering lens for consistent horizontal divergence (horizontally placed high intensity LEDs). Light output can be programmed according to visibility. The base and top function as a heat sink, and the lantern can be remotely controlled.

For synchronising additional lanterns, the flasher has a hard-wired input/output connection. Power supply cable comprises marine-grade polyurethane. Compared to conventional lanterns, this lantern has a large vertical divergence, better intensity of emitted light with regards to power consumption, LED long life expectancy and is highly reliable.

SPECIFICATIONS

Application	: Buoys
Lens material/ type	: Acrylic type PMMA200
Lantern base	: Bronze
Lantern top	: Bronze
Birdspike	: Stainless steel spring-type
LED type	: High intensity, red, green, orange and white
Life expectancy	: Approx. 100,000 hours
Flasher	: Infrared remote control for setting LED current (10 metre range) and any of the 256 pre-programmed IALA flash codes. Daylight sensor can be field set.
Electrical parameters	: Battery voltage and day/night switching point can be read
Connection	: PUR cable, standard length 3 metres
Cable entry	: Cable gland PG13.5, brass, nickel plated
Daylight switch	: Internally placed
Horizontal spread	: 360 degrees
Vertical divergence	: > 24 degrees
Max. intensity	: Depending on setting
Visibility at T= 0.74	: Depending on range setting
Voltage range	: 12-30 volt DC
Protection class	: IP66
Lantern mounting	: 6 holes of 10 mm on a 265 mm pitch circle
Weight	: 11 kg

