MSM

PC | IR | GPS
OPTIONAL

MCL120

Excellent optical system performance

The MCL120 is a mini LED marine lantern, solar self-contained, which uses high-power LEDs, giving a nominal range up to 6 nautical miles. It is characterized by its excellent optical system performance, minimising consumption and offering a large autonomy.
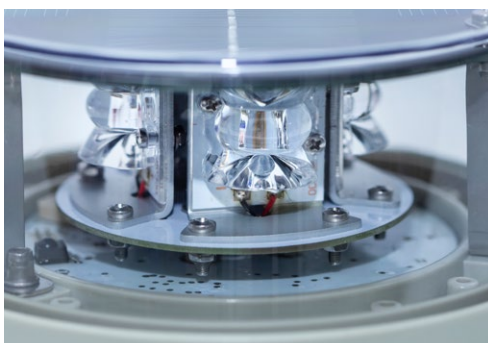
Low consumption

Ideal for short-medium-range beaconing applications, on- and off-shore, requiring a low consumption, such as jetties, piers, buoys, fish farms, etc.

Replaceable battery

The battery is replaceable, thus the complete lantern disposal is not necessary at the end of battery's life. Standard fixings allow for a quick lantern replacement.
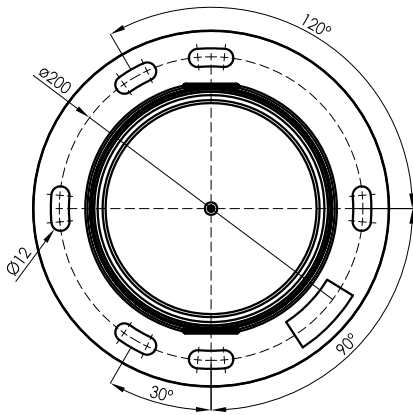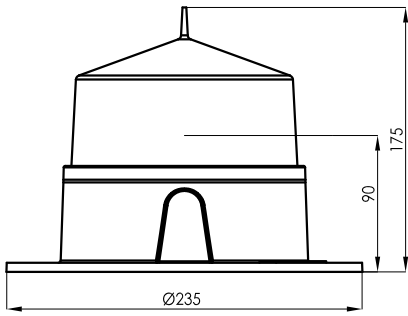
Designed according to IALA Recommendations.

FEATURES

- *High-efficiency luminous system.
  Up to 6 nm (T=0.74), 7 nm (T=0.85).*

- *Vertical divergence up to 12° (50% I_O).*

- *360° horizontal output.*

- *Average operation lifetime over 10 years.*

- *The battery can be easily replaced.*

- *IP 68 watertightness degree (immersion resistant).*

- *High shock resistance.*

- *Anti-humidity device in order to avoid condensation.*

- *Autonomy without solar charging up to 250 hours.*

- *Automatic energy management, according to solar radiation.*

- *Programming, configuration and operating status via PC or IR programmer.*
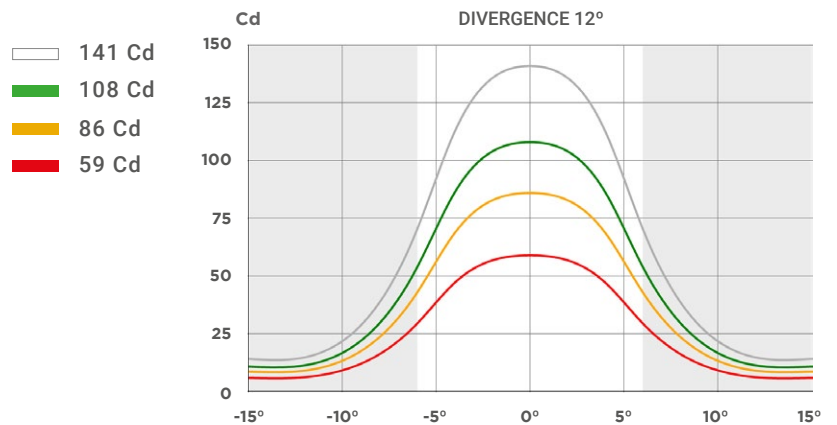
MCL120

Technical Features

Light source:	Ultra-bright LED diodes, with high-precision acrylic lenses.
LED average life:	More than 100,000 hours.
Flash rhythms:	256 rhythms (6 nos. user selectable).
Solar module:	1 no. of 1 W.
Battery:	4.8 Ah, Lead Crystal®, maintenance-free.
Base:	Glass-fibre reinforced polyamide PA66-GF30.
Lens cover:	UV stabilized polycarbonate.
Watertightness degree:	IP 68.

Options

PC programming kit.

Antivandal screws kit.

MCL120-SYNC (GPS synchronization).

Other specifications available under request.

Peak intensities (Cd)

- 141 Cd
- 108 Cd
- 86 Cd
- 59 Cd

DIVERGENCE 12º

! *Specifications subject to change without previous notice.*

Luminous ranges will be affected depending on latitude, flash rhythms and chosen options.

MSM

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