



LIOL B SOLAR

LOW INTENSITY

NOCTURNAL – SOLAR POWER SUPPLY

ACCORDING TO OACI TYPE B

ACCORDING TO FAA L810

PROMIC

LXS
LUXSOLAR®

ICAO FEATURES

Light type	Low intensity type B
Lighting	Nocturnal
Colour	Red
Signal type	Fixed
Luminance	32 cd

TECHNOLOGICAL FEATURES

Optics	Aluminium reflector
Light source	LED (1 level of 4)
External protection	Polycarbonate UV resistant
Electronic access	Electronic circuit integrated

ELECTRICAL FEATURES

Power supply	Solar (6V)
Autonomy (total darkness)	37h*
Battery	Lithium battery
Summit solar panel	Monocrystalline solar module
Additional solar panel	Depending on geographic areas
Charge regulator	MPPT (Maximum Power Point Tracking)
Twilight function	With solar cell
Protection Index	IP 66
Operating temperatures	- 20C° to +55C°
LED lifetime	10 years minimum at 20C°

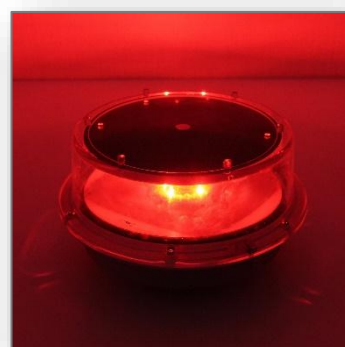
ENVIRONMENTAL FEATURES

Area	Safe, without explosion risks
Body structure	Polyamide body
Weight	1.5 Kg
Diameter	240 mm
High	138 mm

OTHER

STAC certificate	2025-022/OBS
Warranty	12 months
Included fixing support	Side aluminium fixing
Available options	Infrared – 850nm

* Autonomy in total darkness depends on the beacon installation, location and meteorological conditions.



Red fixed nocturnal lighting

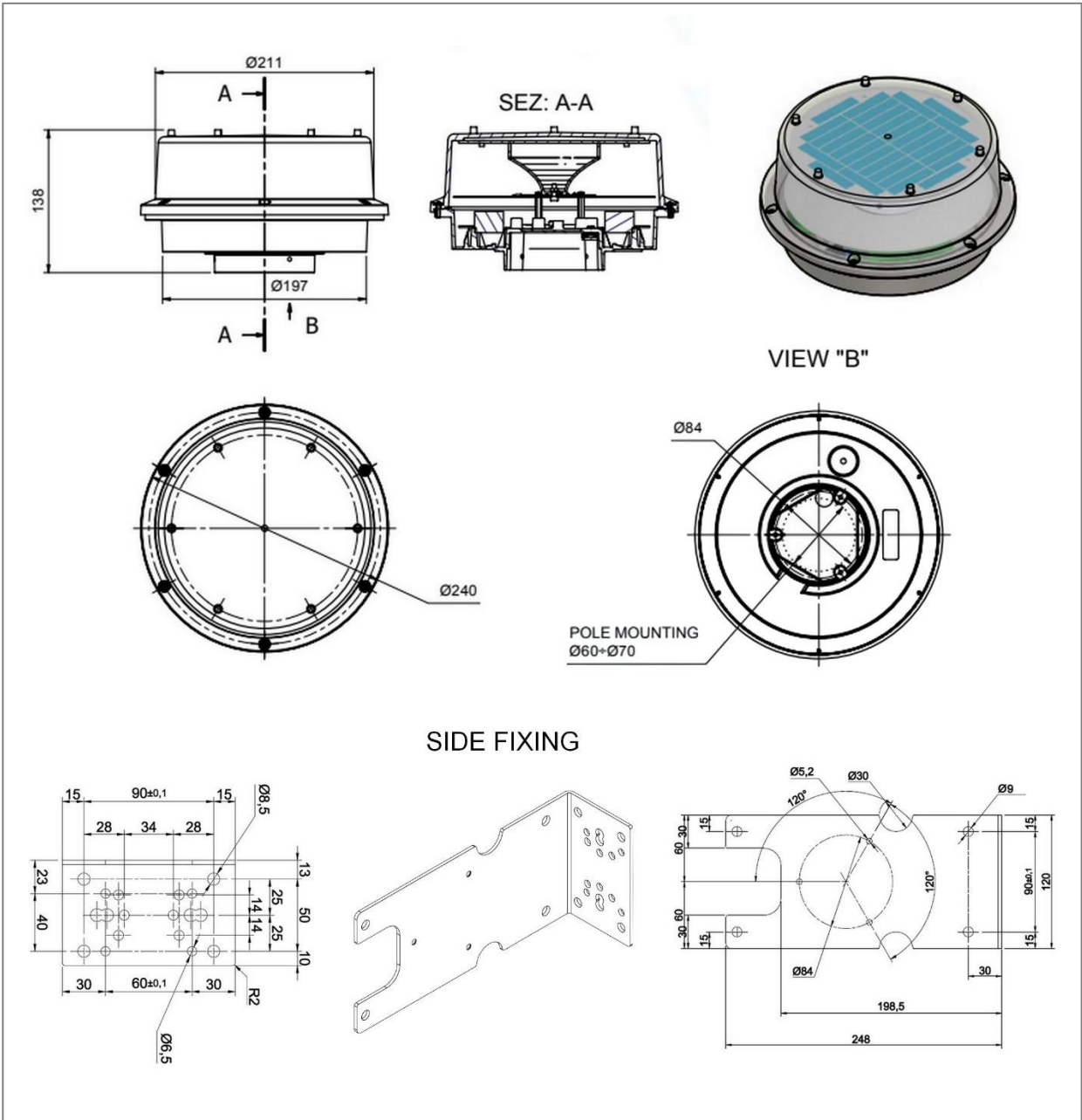


Integrated solar panel



Additional solar panel
depending on geog. areas

DIMENSIONS & SCHEMES FOR BEACON



DIMENSIONS & SCHEMES FOR ADDITIONAL SOLAR PANEL

