

LOW INTENSITY

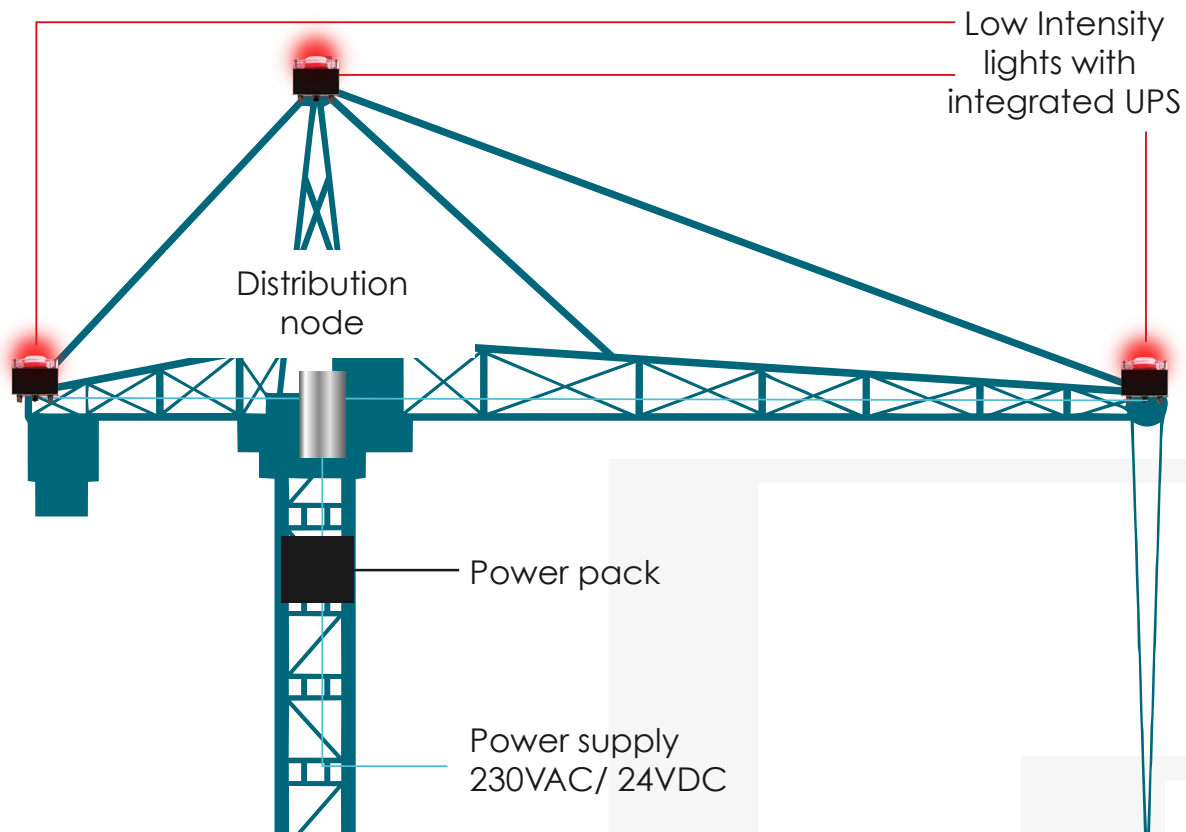
LIOL-A/B CRANE KIT



A **compact, portable, and reusable** solution for the **rapid visibility** of cranes and temporary structures up to 45 meters. Under normal conditions, the lights are **mains-powered**; in the event of a power outage, each beacon automatically switches to its **internal battery**, ensuring operational continuity for over three days.

PATENTED

SUGGESTED CONFIGURATION



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LIOL-A/B CRANE KIT

MECHANICAL FEATURES

LIGHT:

- Body material: GRP
- Degree of protection: IP68 (1,2m x 45min)
- Operating temperature: -30°C to +60°C
- Light weight: 1kg approx
- Lens material: UV resistant PC

TROLLEY HOUSING

- Body material: PP + Nylon
- System total weight <20kg

DISTRIBUTION NODE

- Body material: PA66
- Degree of protection: IP68 (4m x 120h)
- Weight: 0,2kg

POWER PACK

- Body material: GRP
- Degree of protection: IP68 (1,2 x 45mm)
- Weight: 1,5kg

ELECTRICAL FEATURES

- Light power supply: battery LI-ION
- System power supply:
 - 115/230 Vac through dedicated AC/DC converter
 - 24 VDC directly to lights
- ON/OFF Switch and touch sensor for setting
- Autonomy: up to 100 hours with LIOL-B emission
- Twilight sensor for automatic on/off switching

OPTICAL FEATURES

- Horizontal beam radiation: 360°
- PC lenses
- LIOL-A/B red light

	Minimum intensity (a)	Maximum intensity (a)	Vertical beam spread (f)	
			Minimum beam spread	Intensity
Type A	10 cd (b)	N/A	10°	5 cd
Type B	32 cd (b)	N/A	10°	16 cd

OPTIONS

- IR Wavelength: 850nm, compatible with pilot's NVG
- 3 lights system or 4 lights system
- Radio module for remote control and fault signals
- Power supply cables suitable for outdoor use

COMPLIANCE

- ICAO Aerodromes- Annex 14, Volume 2, Heliports
- EASA CS-HPT-DSN
- Trolley: STANAG, DEF STAN and NATO approved

PART NUMBER

- LXS-CRN-KIT
- LXS-LIOL-PRT-R
- LXS-JB-CRN-5
- LXS-PSU-230 / 380 / 24

COMPLIANCE



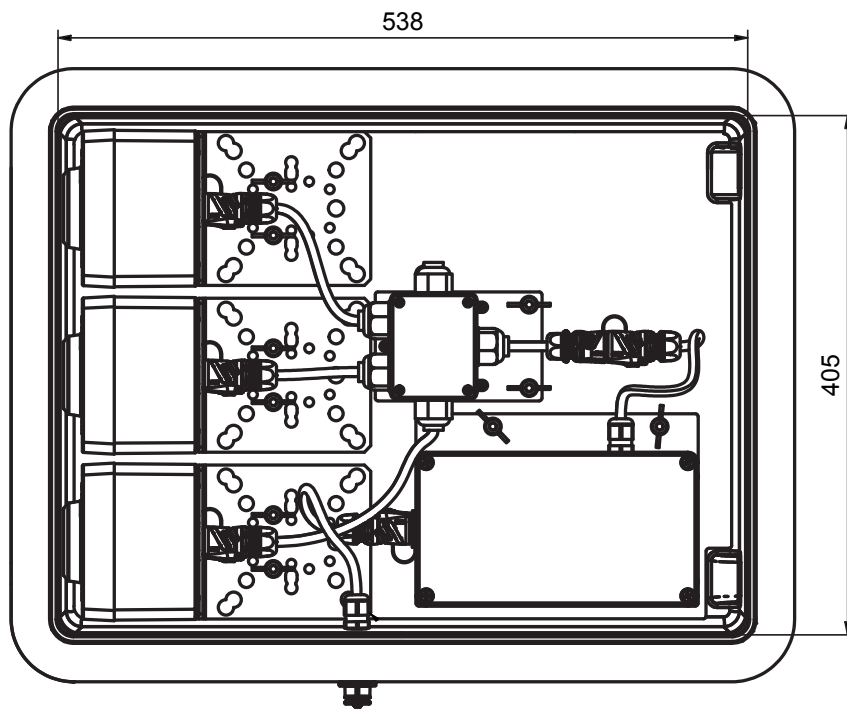
FEATURES



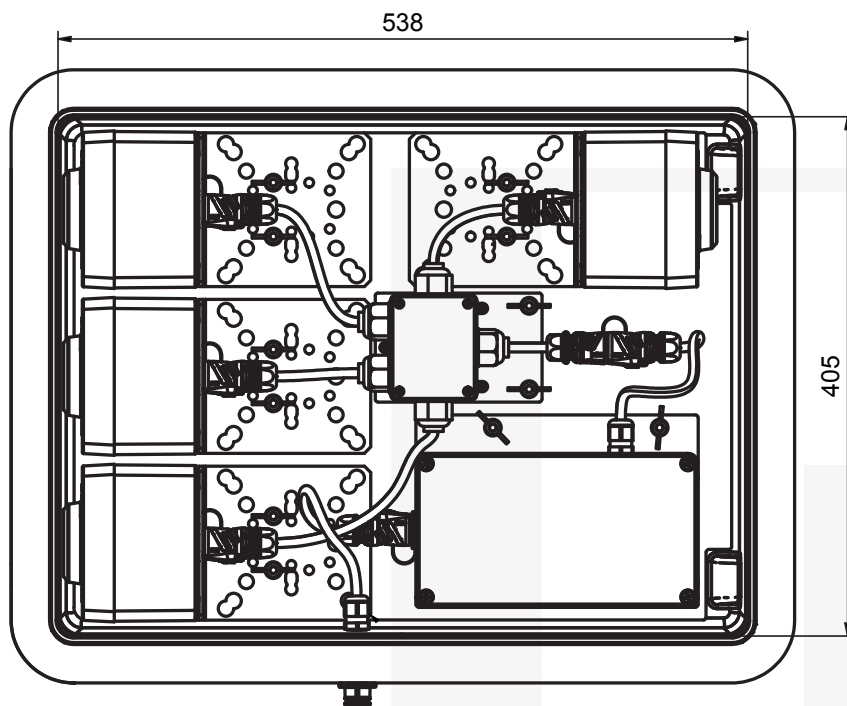
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LIOL-A/B CRANE KIT TECHNICAL DRAWING

3 LIGHTS VERSION



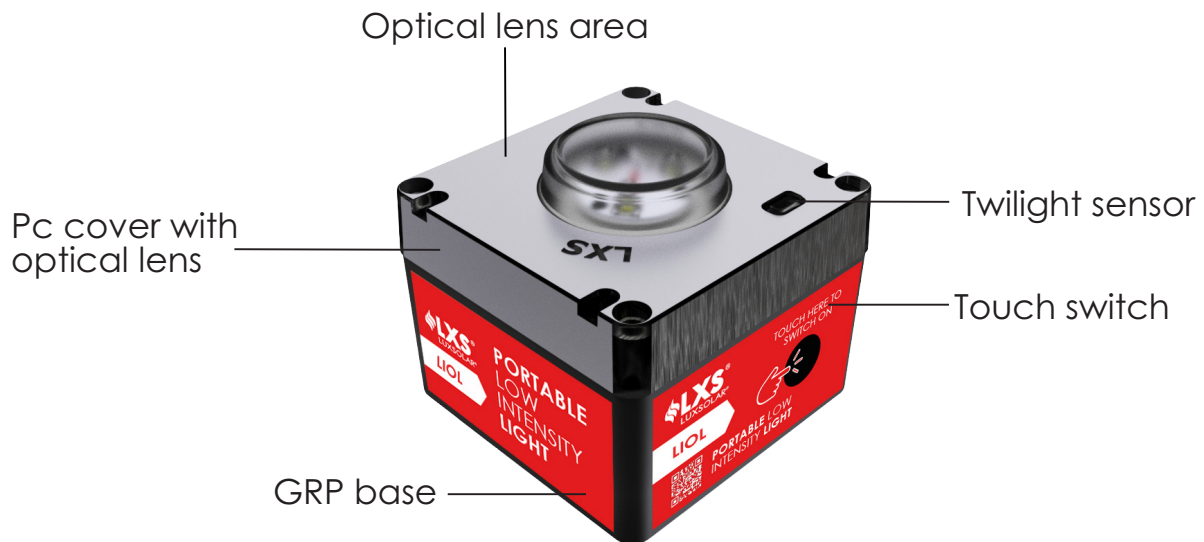
4 LIGHTS VERSION



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LIOL-A/B CRANE KIT TECHNICAL DRAWING

SINGLE LIGHTING ELEMENT



FIXING PLATE DRAWINGS

