HELIPORT LIGHTS

LXS PORTABLE LIGHTING SYSTEM
LXS-RESCUE

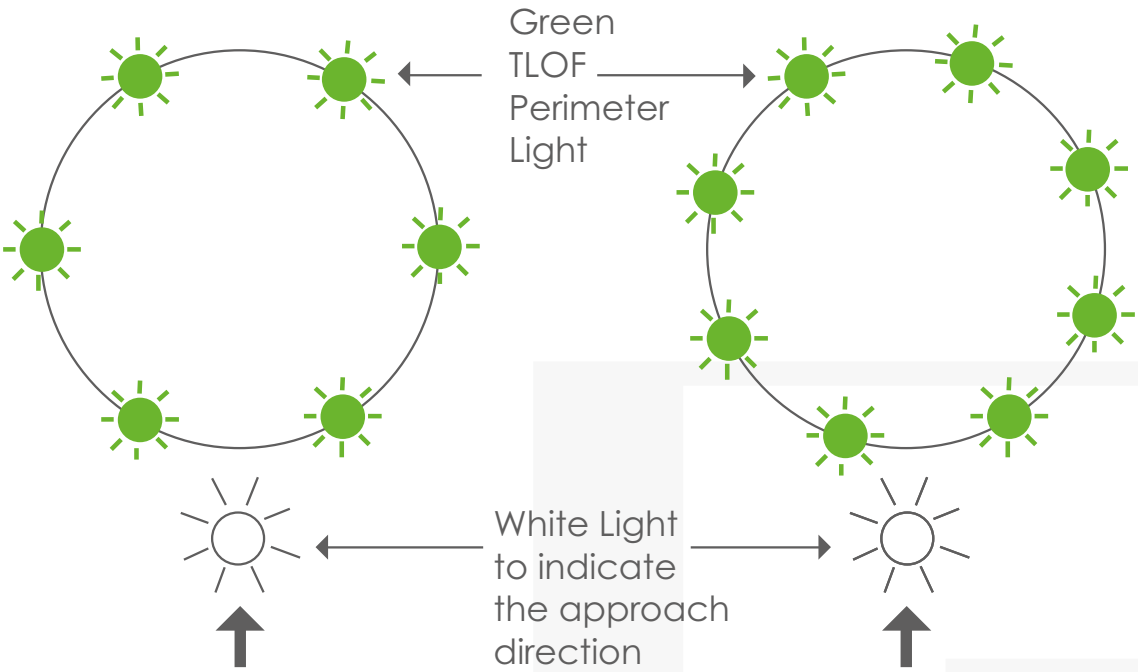
PATENTED

During **emergencies,** helipads where night operations are authorized become a crucial infrastructure. To cope with this need, Luxsolar R&D team has developed a **portable lighting system**.

Such lights create a temporary helipad perimeter landing area, allowing helicopters to operate safely.

LXS-Rescue is a versatile product: it can be used in several situations and operated by non-technical personnel, such as police force, emergency and rescue teams, highways employers, service areas employers, etc.

SUGGESTED CONFIGURATION



COMPLIANCE

CE ICAO EASA

FEATURES

BASE GRP | DOME | -30°C +60°C | IP68 | ON | SELF extinguishing | LED SMD | EASY USE

lxs@luxsolar.com - www.luxsolar.com - Ph. +39.0341.260926

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rev_
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LXS PORTABLE LIGHTING SYSTEM
TECHNICAL SPECIFICATIONS

OPTICAL FEATURES

- Horizontal beam radiation: 360°
- PC lenses
- FATO perimeter light (white)

Elevation (E)	Luminous Intensity [cd]
30°	10
20°	50
20°	100
10°	
3°	
0°	10

-180° Azimuth +180°

- TLOF perimeter light (green)

Elevation (E)	Luminous Intensity [cd]
20° < E ≤ 90°	3
13° < E ≤ 20°	8
10° < E ≤ 13°	15
5° < E ≤ 10°	30
2° < E ≤ 5°	15

-180° Azimuth +180°

MECHANICAL FEATURES

- Light body: GRP
- NBR O-RING
- Degree of protection: IP68
- Operating temperature: -30°C to +60°C
- Light weight: 1Kg approx
- Trolley housing body: PP + Nylon
- System total weight < 20kg

ELECTRICAL FEATURES

- Light power supply: battery LI-ION
- Wireless recharging system
  Housing power supply:
  115/230 Vac through dedicated cable
- Light intensity adjustable: 50% - 100%
- Autonomy: up to 100 hours
- Twilight sensor
- Switch for on/off and adjust light intensity

OPTIONS

- IR Wavelength:
  850nM, compatible with pilot's NVG
- 7 lights system or 9 lights system
- Lights available in 5 colors:
  - Green light
  - White light
  - Red light
  - Yellow light
  - Blue light

COMPLIANCE

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

PART NUMBER

LXS-RESCUE

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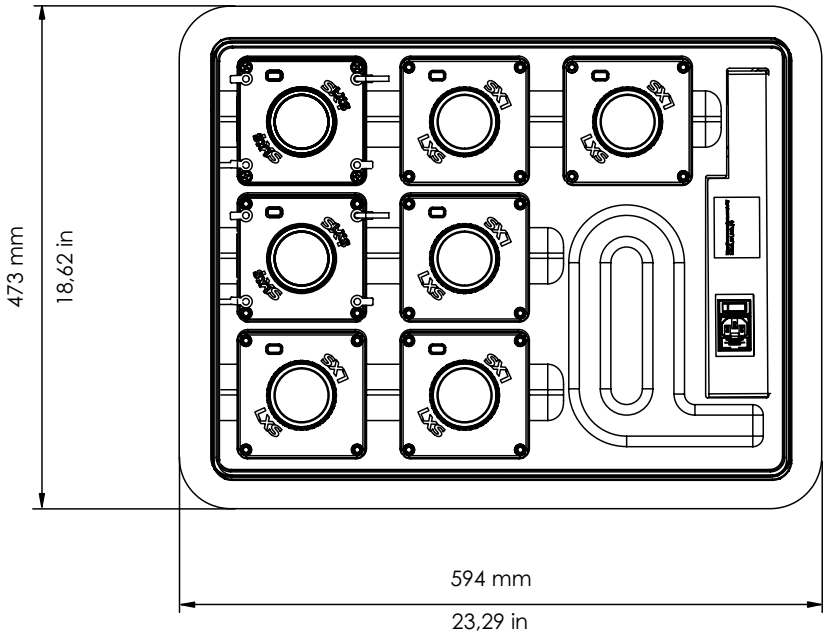
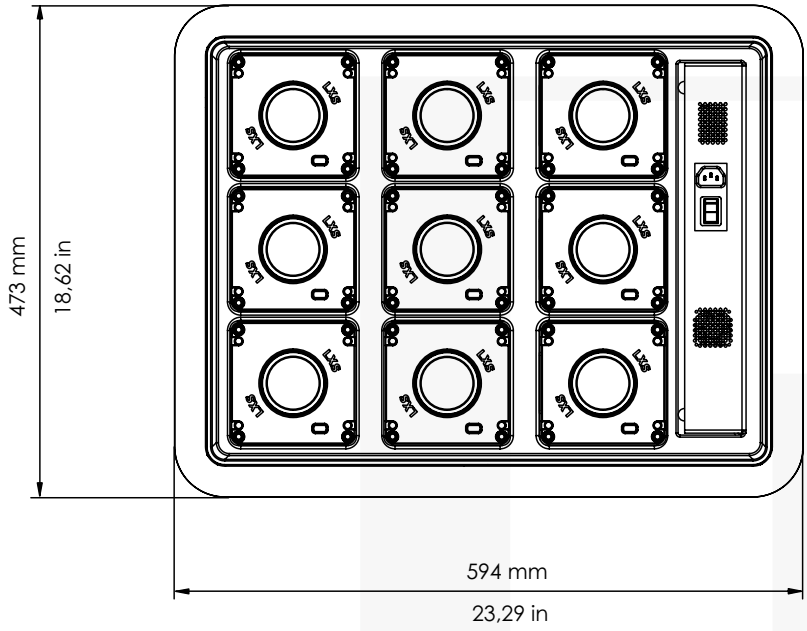
LXS PORTABLE LIGHTING SYSTEM
TECHNICAL DRAWING

7 LIGHTS VERSION



9 LIGHTS VERSION



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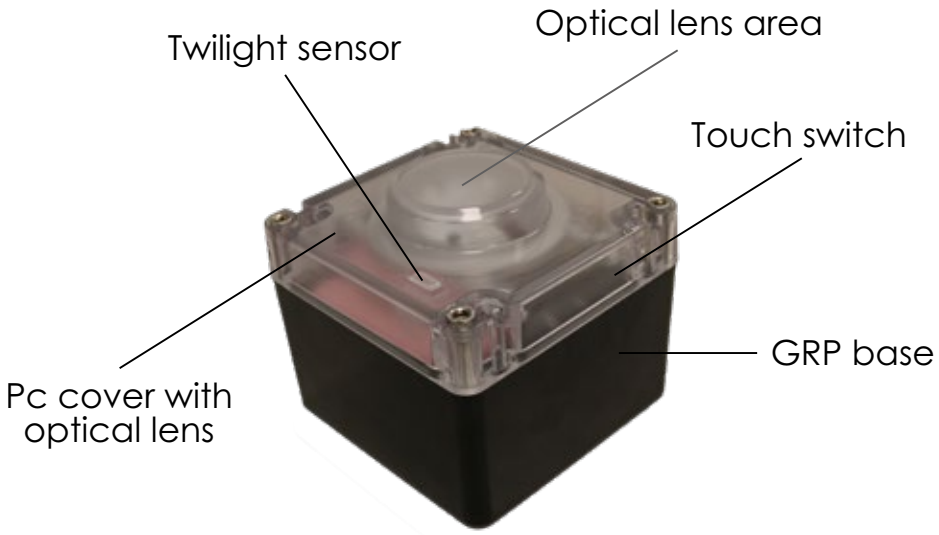
LXS PORTABLE LIGHTING SYSTEM
TECHNICAL DRAWING

SINGLE LIGHTING ELEMENT



TROLLEY

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