

GRD-LXS AERODROME BARRICADE BEACON



IP68

The Luxsolar GRD-LXS beacon is designed to warn, in low visibility conditions or during nighttime hours, the temporary restriction of operational areas within the airport perimeter, particularly in the airside zone. This includes runways, taxiways, aprons, and other areas subject to airport operations or maintenance work.

The device is designed for easy use and rapid manoeuvrability, allowing for timely deployment in situations where it is necessary to clearly and safely signal a temporary restriction or an area unsuitable for operations.

The beacon is powered by a high-efficiency lithium-ion battery, capable of providing up to 100 hours of continuous operation, making it particularly reliable in contexts that require prolonged performance and operational continuity. This makes it an ideal tool for improving the safety and efficiency of operations in the airside area.

TYPICAL APPLICATION



COMPLIANCE



FEATURES



GRD-LXS AERODROME BARRICADE BEACON TECHNICAL FEATURES

OPTICAL FEATURES

- Horizontal beam radiation: 360°
- PC lenses
- 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

MECHANICAL FEATURES

- Light body: GRP
- Dome: PC
- Degree of protection: IP68
- Operating temperature: -30°C to +60°C
- Light weight: 10 Kg approx
- Painted / covered aluminium pole
- Rubber covered steel base

COMPLIANCE

- ICAO Aerodromes -Annex 14 Volume 1, Chapter 6: Low intensity, Type A-B steady burning obstacle light obstacle light
- FAA AC150/5345-43; E.B. #67 type L-810
- EASA CS-ADR-DSN, Chapter Q

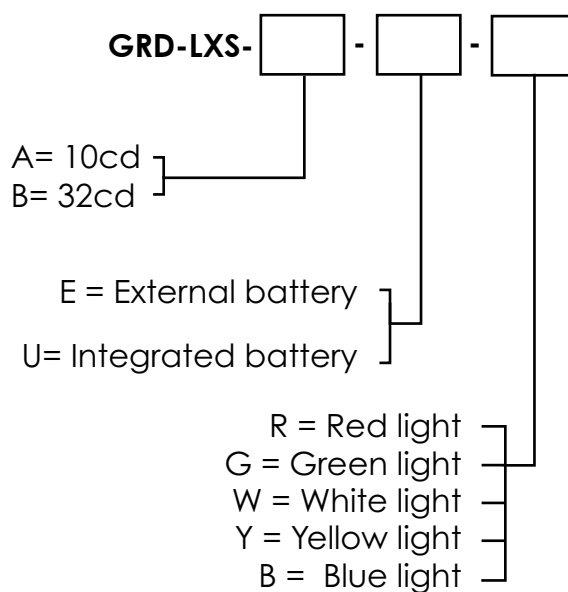
ELECTRICAL FEATURES

- Light power supply: battery LI-ION
- Available with external battery
- Rechargeable through connector with dedicated external recharging system at 24 VDC or 230 Vac
- Light intensity adjustable: 50% - 100%
- Autonomy: up to 100 hours
- Twilight sensor
- Switch for on/off and adjust light intensity

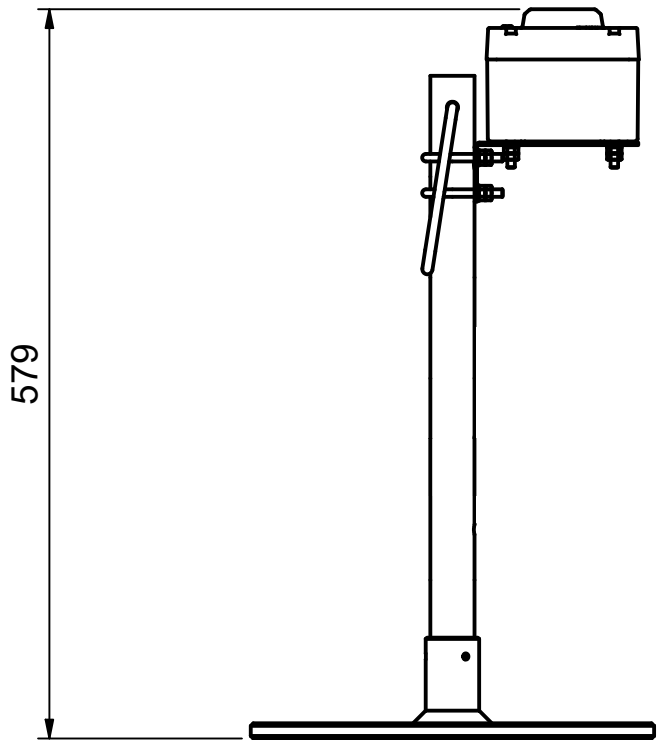
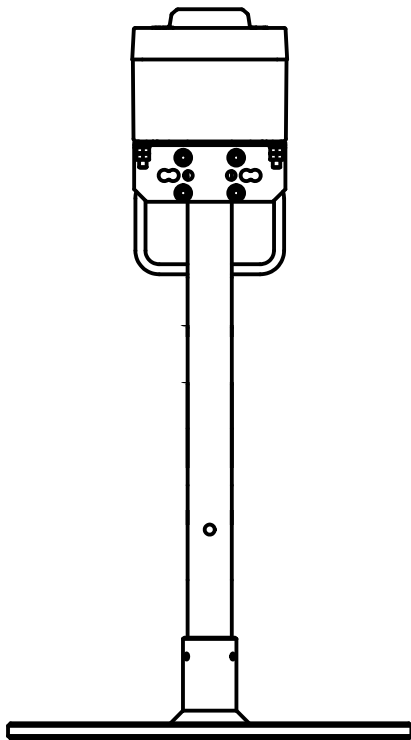
OPTIONS

- IR Wavelength: 850nm, compatible with pilot's NVG
- Lights available in 5 colors:
 - ● Red light
 - ● Green light
 - ○ White light
 - ● Yellow light
 - ● Blue light
- Expandible battery capacity

PART NUMBER



GRD-LXS AERODROME BARRICADE BEACON TECHNICAL DRAWING INTEGRATED BATTERY VERSION



GRD-LXS AERODROME BARRICADE BEACON TECHNICAL DRAWING WITH EXTERNAL BATTERY

