

X-Marker™ L-893(L)

Certified Runway Closure Marker



Brightest lights and lowest fuel consumption in the industry

- **FAA standards certified**
- **7-day run time on engine**
- **24-hour battery backup**
- **10-year operating life for LED fixtures**
- **Easy to deploy in under 5 minutes**

Wanco® X-Marker™ L-893(L) Runway Closure Marker (Model WTRC)

The Wanco X-Marker L-893(L) is ETL-certified to meet FAA AC 150/5345-55A, "Specification for L-893, Lighted Visual Aid To Indicate Temporary Runway Closure" and FAA EB67, "Light Sources Other Than Incandescent and Xenon...."

Based on proven Wanco generator technology, the X-Marker L-893(L) features the lowest fuel consumption and longest run-time in the industry. Its flasher control system ensures the high-efficiency LED lights operate consistently at the FAA required flash rate.

The X-Marker L-893(L) is deployable by a single person in less than five minutes.

Operation

In standard operating modes, the giant "X" shape signals approaching aircraft at a rate of 2.5 seconds on/2.5 seconds off with aviation white LEDs, per FAA requirements. The system's "fail-on" circuit turns all lights on continuously in the event of a controller malfunction. Amber LED operation indicators are visible on the backs of all four arms.

Two standard operating modes include full brightness for daytime operation and automatic dimming for day/night operation. High-power mode applies maximum continuous power to all lights, increasing their temperature for melting snow and ice accumulation on the light fixtures.

The system operates on engine power from 0 to 140°F (–18 to 60°C). The cold-weather option extends the low operating range down to –20°F (–29°C).

Construction

The X-Marker X shape consists of four arms of steel square tubing protected by aviation yellow powder coating for high visibility and durability. Each arm includes an aluminum enhanced-visibility panel. Each LED fixture housing is a robust, weatherproof, cast aluminum heat sink.

Performance is unaffected by wind speeds in excess of FAA requirements.

Power

The battery-operated, generator-assisted system consumes just 0.18 gallons (0.68 liters) per hour, which provides up to a week of operation before refueling. Battery power provides up to 24 hours additional run time after fuel supply is exhausted. The system can operate on 120VAC shore power with the engine switched off.

Brief specifications

Lights (front-facing)

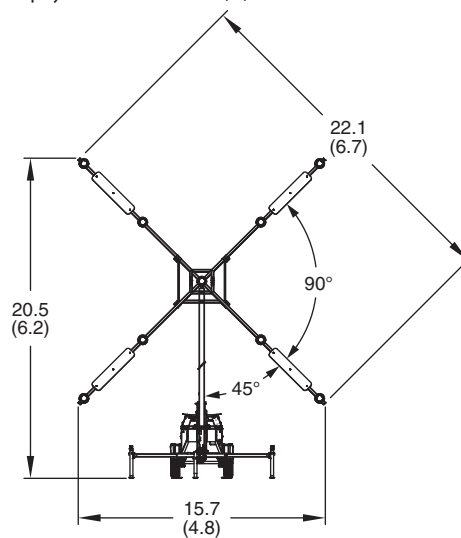
Lamps	Nine high-efficiency LED fixtures
Luminosity	6000 lumens per fixture 54,000 lumens total
Color temperature	5000K
Wattage	On: 44 watts per fixture, 396 watts total Off: 0 watts
Lamp life	50,000+ hours

Power system

Batteries	Two 12VDC deep-cycle 4D batteries, wired for 24V
Engine	Tier 4 diesel, 2-cylinder, 4-cycle
Generator type	Brushless, class H
Output power	5.2 kW max. @1 PF
Sound level, max. load	58 dBA @30 ft. (9.1 m)
Fuel tank capacity	30 gal. (114 L)
Fuel consumption	Approx. 0.18 gal./hr (0.68 L/hr)
Run time	On engine: approx. 167 hrs. (7 days) On batteries: up to 24 hrs. after engine shutdown

Physical

Tow hitch	Combo-hitch for 2-in. ball and 2½-in. pintle hook
Dry weight	Approx. 1980 lb. (898 kg)
Deployed dimensions	ft. (m)



Popular options

Tandem tow package	Allows one vehicle to tow two trailers
Drip and spill protection	Protects against engine drips and fuel spills
Cold-weather package	Extend engine operating temperature down to –20°
Cover	Protective cover for the lights, arms and cabinet



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