

X-Marker™ L-893(L)

Certified Runway Closure Marker



Brightest lights and lowest fuel consumption in the industry

- **FAA standards certified**
- 24-hour battery backup
- 10-year operating life for LED fixtures
- Easy to deploy in under 5 minutes
- Optional integrated fluid containment system
- 1,000-hour engine service intervals

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 150/5345-55, "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). Cold-weather options extend the low operating range down to –40°F (–40°C).

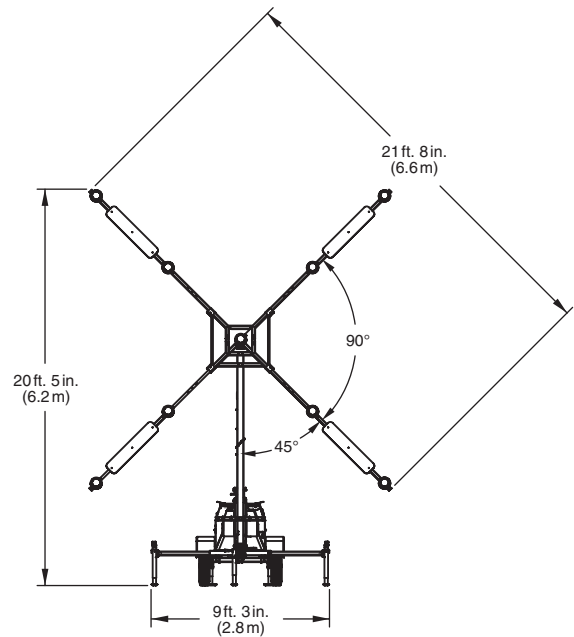
Construction

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 (0.681 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 120/240VAC shore power with the engine switched off, at temperatures from –40 to 140°F (–40 to 60°C).



Brief specifications

Lights (front-facing)

Lamps	Nine high-efficiency LED fixtures
Luminosity	6000 lumens per fixture 54,000 lumens total
Color temperature	5000K
Wattage	44W per fixture when on, 0W when off 396W total
Lamp life	50,000+ hours

Physical

Operating height	245in. (622cm)
Deployed size, W×L	185×140in. (470×356 cm)
Travel size, W×L×H	55×175×71 in. (140×446×180cm)
Weight, approx.	Operating: 2190 lbs. (994kg) Shipping: 1980 lbs. (898kg)
Tow hitch	Combo-hitch for 2-in. ball and 2½-in. pintle hook

Power system

Battery	Two 12VDC deep-cycle 4D batteries
Engine	Tier 4 diesel, 3-cylinder, 4-cycle
Sound level, max. load	58dB @30 feet (9.1m)
Fuel tank capacity	30 gal. (114L)
Generator type	Brushless
Output power	6.56 kW max. @1 PF

Options


Tandem tow package	Tow two trailers at the same time
Fluid containment	Integral secondary containment system
Cold-weather packages	Extend engine operating temperature down to –40°
Emergency shutdown	Large engine-stop button on exterior of cabinet
Covers	Covers for individual lights or the entire X-Marker



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