

L-893 LED

Runway Closure Marker



APPROACH LIGHTS & NAVIGATIONAL AIDS - 3.13

ORDERING INFORMATION

The Runway Closure Marker* part numbers include:

- RCM - Diesel
- RCM - Cover
- RCM - Rear Hitch

**Manufactured by Hali-Brite Inc.*

COMPLIANCES

L-893 (L)
FAA AC 150/5345-55 (current edition)
FAA Engineering Brief 67
FAA AC 150/5370-2 and NTSB
Safety Recommendation A-03-05



ETL Certified

PRODUCT APPLICATION

The LED Runway Closure Marker is an effective method to warn pilots of closed runways and taxiways.

FEATURES

- Easily set up by one person in less than 5 minutes, without tools.
- 3 year/3000 hour engine warranty.
- Four folding arms open to 14 foot length.
- 20 LED lamps deliver over 70,000 candelas at beam center.
- Visible 10-25 miles from runway under VFR.
- Selectable brightness levels to suit environmental conditions.
- Photocell dimming for night operation.
- Four rear-mounted lamps allow visual monitoring from rear side.
- Powered by a three-cylinder, liquid cooled Mitsubishi diesel engine and Marathon brushless generator.
- Operates 140 hours between fuel fills.
- Highway towable, with a standard 2" hitch coupler.
- 2200 pound, DOT compliant trailer.
- 4 swivel leveling jacks.
- Adjustable light beam angle.
- Optional rear hitch, allows tandem towing of 2 units.
- Optional cover.



SET UP PROCEDURE (5 MINUTES):



1. Level as necessary using 3 leveling jacks.



2. Extend the 4 light assembly arms.



3. Tilt the light to the upright position.



4. Start the generator and activate the lights.

LIGHT ASSEMBLY SPECIFICATIONS

- Arm length 14 feet when operating.
- Hinged to generator housing, swings upright for use, swings to horizontal position when stowed.
- Assembly arms fold to a 5' x 5' square for transport and storage.
- Arms constructed of 4" x 4" extruded aluminum, with yellow epoxy powder-coat paint.
- Twenty LED lamps mounted in front, plus 4 monitor lamps in rear, 24 total.
- LED lamp, 20 degree beam width, rated life 50,000 hours typical.
- Lamps flash 2.5 seconds on, 2.5 seconds off.
- Solid-state flasher, no mechanical contacts.
- Photocell automatically reduces intensity at night.
- 2-year warranty on light assembly, 4 years on lamps.
- Maximum Power: 630 watts, 643VA at 120VAC.

TRAILER SPECIFICATIONS

- 2200 pound axle
- 2" ball or optional pintle hitch, safety chains
- Four 2000 lb. leveling jacks. Side jacks are on extendable 38" outriggers
- DOT-compliant tail and marker lights
- Tires - ST175/80 D13, highway-rated
- All steel tubing construction
- Width: 67 inches
- Length: 105 inches
- Height: 64 inches
- Total wet weight: 1600 lb

ENGINE AND GENERATOR SPECIFICATIONS

- Engine: Mitsubishi L3E Diesel, 12.7 hp, 3-cylinder, liquid-cooled, 4-stroke, 1800 RPM, electric start
- Engine Warranty: 2 years/2000 hours on entire engine, 3 years/3000 hours on major components
- Glow plugs and elapsed hour meter
- Low oil/high temperature auto-shutdown
- Generator: Marathon Electric, 6.0kW, 120VAC, 4-pole, brushless
- Fuel tank capacity 57 gal., consumption 0.4 gph, 140 hour runtime

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