Railroad Crossing Flashing LED Sign (Crossbuck: R15-1)

FLASHING SIGN SYSTEM

TRAFFICALM

RAILROAD CROSSING FLASHING LED SIGN

Rail crossing awareness presents a unique challenge to drivers; no other mistake can result in such a catastrophe for drivers. Our LED sign enhancement is here to be seen. Engineered to provide ease of installation, unmistakable visibility in all conditions, and intuitive driver calming beyond that of just reflective sheeting.

TraffiCalm is unmatched in its dedication to advancing road safety. Our Flashing Sign Systems provide clean and proven modernized traffic signs that remain fully compliant with the Federal Highway Administration's (FHWA) Manual on Uniform Traffic Control Devices (MUTCD).

TraffiCalm's Flashing Sign Systems offer scheduled, radar-activated, or 24/7 operation with AC or solar power, hassle-free installation, retrofit design, and wireless communication features.

FEATURES

Highly Visible LED Warning Signs

TraffiCalm fully outlines the shape of the sign with the most LEDs on the market for a bright, visible sign in any environmental condition.

Complete LED Sign System

Due to the shape of this sign, it comes as a complete unit with integrated LEDs and a double-sided, retro-reflective cross-buck sign.

Ruggedized Electronics

All electronics, radios, and LEDs are fully epoxy-potted and environmentally sealed. The entire pole with the sign, controller, solar panels, and batteries can be fully submerged and still operate. (Not intended for underwater installations)

Ease of Installation

The ease of installation allows for quick setup on any existing sign post.

100% MUTCD Compliant

The MUTCD allows LEDs to enhance standard highway warning and regulatory signs and to outline either the sign itself or the words and symbols on the sign. MUTCD specifications indicate that "If used, the LEDs shall be the same color as the sign legend, border, or background. If flashed, all LED units on an installation shall flash simultaneously at a rate of more than 50 and less than 60 times per minute." TraffiCalm® Systems are fully compliant.

Made in the USA

TraffiCalm® Flashing Sign Systems are manufactured in the USA in an ISO 9001:2015 certified facility, meeting and exceeding industry and state testing requirements. TraffiCalm® signs are unmatched in durability, brightness, accuracy, and ease of installation and use. Build America/Buy America Compliant.

Limited Warranty
5 YEAR
Exclusions Apply, see warranty statement for details

SPECIFICATIONS

◼ Illumination

LEDs configured in clusters of 3 within the symbol of the sign

LED Pitch: .35" (.89cm) within the clusters

DG3 white reflective sheeting applied to ring face for natural appearance

White LED with 30° Viewing Angle

LED rated lifetime of 100,000 hours

◼ Compatibility

Integrates with all TraffiCalm Controllers and Collaborators and can be speed (radar), time clock, or sensor activated

◼ Construction

Sign Depth: .45" (1.14 cm)

14 gauge 5052 aluminum construction

Individually lensed LEDs recessed behind faceplate

All Wiring is UL 2464 rated

◼ Environmental

NEMA 4x Enclosure

Fully epoxy-potted electronics (hermetically sealed)

-29.2° F to 165.2° F operating range(-34° C to +74° C)

◼ Warranty and Service

5-year limited warranty

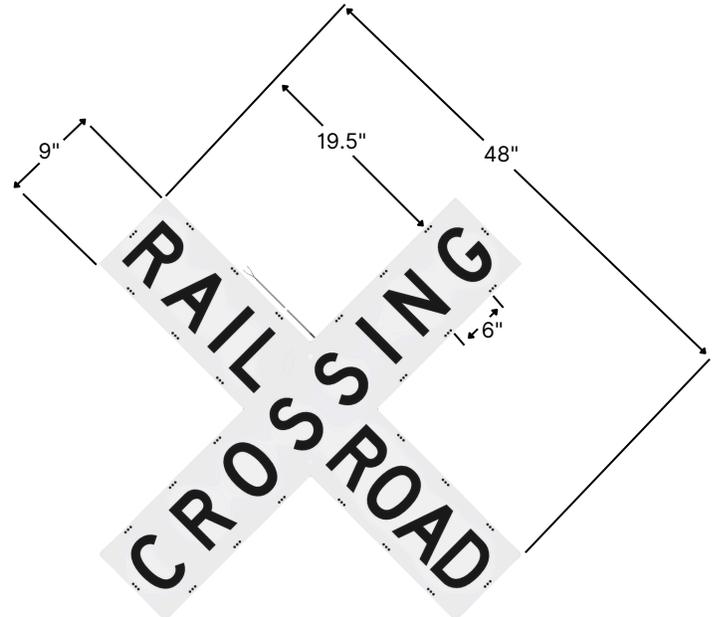Unlimited tech support from US based factory technicians

DETAILS

◼ Physical Descriptions

Available Sizes: 48" x 48" (121.92 cm x 121.92 cm)

Mounting: All LED hardware mounted within the rugged housing of the sign plate protected by an aluminum face plate

Sign mounts using through-bolts attach to any standard bracket or post assembly

10 ft (3 m) single cable extension to reach Controller or Collaborator

Part Number	MUTCD Sign Size	Ring Length	Ring Width	LED Count	LED Offset	Light Output (candela)	Power (Amps)
M75-R4848-WW38	48" x 48"	48"/121.92 cm	46.5"/118.11 cm	84	6"/15.2 cm	1,062,600	.504