Railroad Crossing Ahead Flashing LED Ring (W10-1)

FLASHING SIGN SYSTEM

TRAFFICALM

RAILROAD CROSSING AHEAD FLASHING LED SIGN (W10-1)

TraffiCalm Flashing Sign Systems dramatically improve awareness of roadway signage. Rail crossings present a unique challenge to drivers, with potentially catastrophic results. Our Flashing LED RAILROAD CROSSING AHEAD signs are a proven solution to bring greater awareness to drivers, alerting them to look for trains at the crossing.

FEATURES

Highly Visible LED Warning Signs

TraffiCalm outlines the shape of the X, providing an unmistakable warning of the railroad crossing. The sign is a bright and visible sign in any environmental condition.

Complete LED Sign System

Due to the unique shape of this sign, it comes as a complete unit with an integrated LED ring plate and retro-reflective circular 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 4 within the symbol of the sign

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

Amber LEDs with 15° Viewing Angle

Powder coated black assembly for natural appearance that matches the sign's symbol and placement

LED rated lifetime of 100,000 hours

Compatibility

Integrates with all TraffiCalm Controllers and Collaborators and can be scheduled to run 24/7, be vehicle-activated with a radar sensor, or be train-activated with various sensors and inputs.

Construction

14-gauge 5052 aluminum faceplate, applied to a milled high-density polyethylene core, provides high impact and environmental resistance.

Individually lensed LEDs recessed behind faceplate

Sign depth: 0.45"/1.14 cm to minimize impact on natural sign appearance

No mounting or wiring exposed on reverse or face of sign

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)
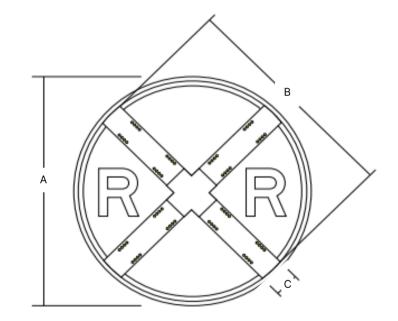
Warranty and Service

5-year limited warranty

Unlimited tech support from US based factory technicians

DETAILS

Physical Descriptions

Available Sizes: 30" (76.2 cm), 36" (91.44 cm), and 48" (121.92 cm)

Mounting: All LED hardware is mounted within the rugged housing within the LED ring plate and protected by an aluminum face plate.

This item comes as a complete integrated sign and LED ring plate.

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

Part Number	MUTCD Sign Size	Ring Length (A)	Ring Width (B)	Cross Ring Width (C)	LED Count	Light Output (candela)	Power (Amps)
M75-R3030-BA44	30"	30"/76.2 cm	29.25"/574.3 cm	3"/7.62 cm	64	1249000	.384
M75-R3636-BA44	36"	36"/91.44 cm	35"/88.9 cm	4"/10.16 cm	96	1873500	.576
M75-R4848-BA44	48"	48"/121.92 cm	46.5"/118.11 cm	5"/12.7 cm	96	1873500	.576