

# Wrong Way Flashing LED Ring

## FLASHING SIGN SYSTEM



### WRONG WAY FLASHING LED RING

Designed to LED enhance any existing or new R5-1a WRONG WAY road signage. Engineered to provide ease of installation, unmistakable visibility under any conditions, and intuitive driver calming beyond that of just reflective sheeting.

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

The Wrong Way Flashing LED Ring is typically a critical component when utilizing TraffiCalm® Wrong Way Detection and Warning Systems that are triggered by collaborative multi-radar detection but can also operate 24/7 or per a schedule. The Flashing Sign Systems are AC or solar powered, have hassle-free installation, a retrofit design for existing signage, 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.

### Retrofittable LED Rings

Utilize existing signage and add our LED sign rings for a more cost-effective solution

### 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.

### 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 American/Buy America Compliant.

TRAFFICCALM.COM



## SPECIFICATIONS

### ILLUMINATION

LEDs configured around perimeter of sign, within border (fully MUTCD compliant design)

LED Pitch: .375"/.95 cm (on centers)

Available in Red or White LEDs with 30° Viewing Angle

Cluster Pitch 1.9"/4.8 cm (on center)

LED rated lifetime of 100,000 hours

### COMPATIBILITY

Integrates with all TrafficCalm® Controllers and Collaborators and can be push button, speed (radar), time clock or sensor activated

Wrong Way Flashing LED Rings are typically activated with TrafficCalm® Wrong Way Detection and Warning System

### CONSTRUCTION

14 gauge 5052 aluminum construction

Individually lensed LEDs recessed behind faceplate

Ring Depth: 0.4"/10 mm to minimize impact on natural sign appearance

No mounting or wiring exposed on reverse of sign

All Wiring is UL 2464 rated

### ENVIRONMENTAL

NEMA 4X Enclosure

Potted electronics (hermetically sealed)

-40° F to +140° F operating range  
[-40° C to +60° C]

## DETAILS

### PHYSICAL DESCRIPTION

Available Sizes: 36" x 24" (91.4 cm x 61 cm), 42" x 30" (106.7 cm x 76.2 cm), and 48" x 36" (121.9 cm x 91.4 cm)

Mounting: All LED hardware mounted within the border of the sign. Mounted either with adhesive backing or included self tapping screws. Rivets may be utilized to improve tamper resistance  
MUTCD compliant LED placement and usage

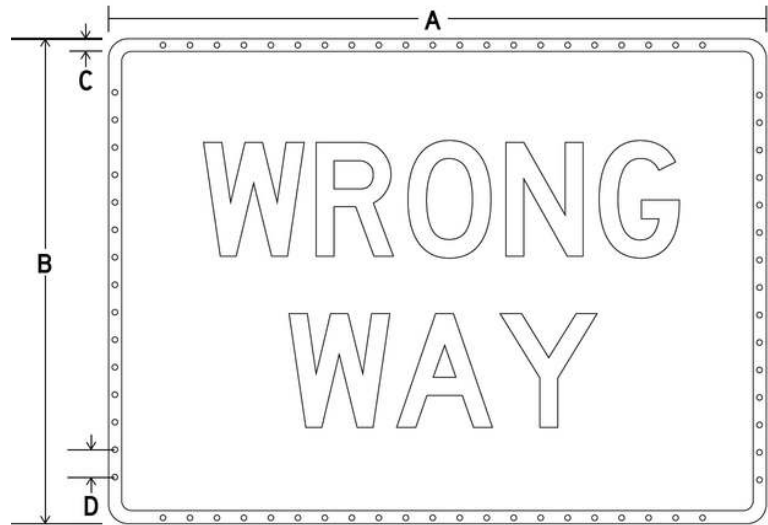
10 ft/3 m single cable extension to reach Controller or Collaborator

This item can ship as a kit that can be mounted to a new or existing sign OR a complete system with sign

### WARRANTY and SERVICE

5 year limited warranty

Unlimited tech support from US based factory technicians



Part Number	MUTCD Sign Size	Ring Length (A)	Ring Height (B)	Ring Width (C)	LED Offset (D)	LED Count	Light Output (cd)	Power (Amps)	LED Color
M75-R3624-WR03	36"x24"	36"/91cm	24"/61cm	.625"/1.6cm	1.9"/4.8cm	48	324000	.288	Red
M75-R4230-WR03	42"x30"	42"/106cm	30"/76cm	.625"/1.6cm	1.9"/4.8cm	60	405000	.360	Red
M75-R4836-WR03	48"x36"	48"/122cm	36"/91cm	.625"/1.6cm	1.9"/4.8cm	72	486000	.432	Red
M75-R4836-WW33	48"x36"	48"/122cm	36"/91cm	.625"/1.6cm	1.9"/4.8cm	96	486000	.576	White