

Do Not Enter Flashing LED Ring

FLASHING SIGN SYSTEM



DO NOT ENTER FLASHING LED RING

Designed to LED enhance any existing or new R5-1 DO NOT ENTER sign. 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 which remain fully compliant with the Federal Highway Administration (FHWA) Manual on Uniform Traffic Control Devices (MUTCD).

TraffiCalm® Flashing Sign Systems offer scheduled, radar activated or 24/7 operation and 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.

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 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." TrafficCalm® 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. TrafficCalm® signs are unmatched in durability, brightness, accuracy, and ease of installation and use. Build America/Buy America Compliant.

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SPECIFICATIONS

ILLUMINATION

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

LED Pitch: 1.9 (4.8cm) on centers

LED Viewing Angle: Red (626 nm) LEDs 15°

LED Viewing Angle: White LEDs 30°

Red LEDs with AllnGaP Chemistry

White LEDs with InGaN Chemistry

DG3 white reflective sheeting applied to ring face for uniformity with R5-1 DO NOT ENTER Sign

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

14 gauge 5052 aluminum construction

Individually lensed LEDs recessed behind faceplate

Ring Depth: 0.4" (10.2 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" (91.4 cm) and 48" (121.9 cm)

Retrofits to any Do Not Enter sign manufactured to MUTCD requirements of corresponding size

Mounting: All LED hardware mounted within the white 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

Ring can be factory installed to a new static sign

Available LED Colors: White (InGaN technology, supports EN12966-1 white color class C2) or Red (AllnGaP technology, 626nm wavelength)

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

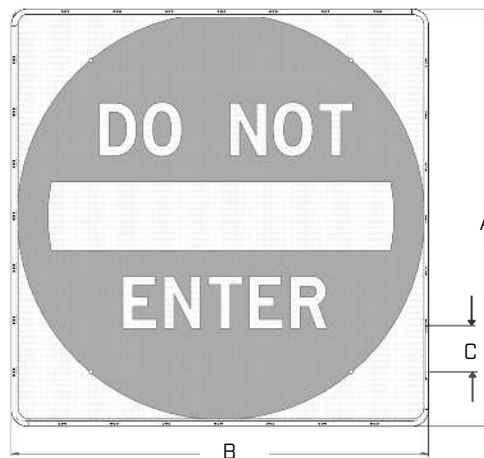
5 year limited warranty

Unlimited tech support from US based factory technicians

White LED Signs with Clusters of 3 LEDs

M75-R3636-WW06

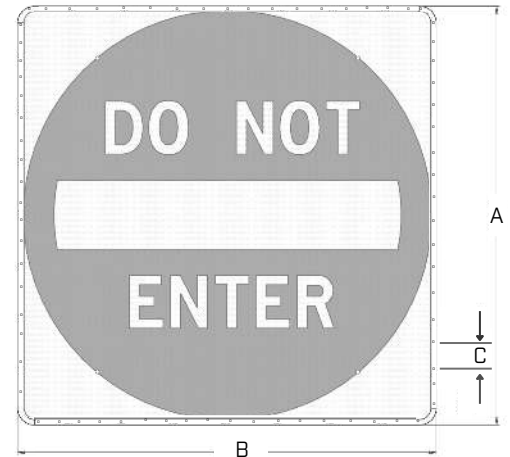
M75-R4848-WW36



Red LED Signs with Single LEDs

M75-R3636-WR06

M75-R4848-WR06



| Part Number | MUTCD Sign Size | LED Color | Ring Length | Ring Height (A) | Ring Width (B) | LED Offset (C) | LED Count | Light Output | Power (Amps) |
|----------------|-----------------|-----------|-------------|-----------------|----------------|----------------|-----------|--------------|--------------|
| M75-R3636-WR06 | 36" x 36" | red | 36"/91cm | 36"/91cm | .625"/1.6cm | 1.9"/4.8cm | 72 | 489600 | .432 |
| M75-R4848-WR06 | 48" x 48" | red | 48"/106cm | 48"/106cm | .625"/1.6cm | 1.9"/4.8cm | 112 | 761600 | .672 |
| M75-R3636-WW06 | 36" x 36" | white | 36"/91cm | 36"/91cm | .625"/1.6cm | 1.9"/4.8cm | 72 | 910800 | .432 |
| M75-R4848-WW36 | 48" x 48" | white | 48"/106cm | 48"/106cm | .625"/1.6cm | 5.3"/13.5cm | 112 | 1416800 | .672 |