

WARNING SIGN FLASHING LED RING

FLASHING SIGN SYSTEM



WARNING SIGN FLASHING LED RING'S are the next evolution in road signage. Designed to enhance existing road signage. Engineered to provide lightning-fast installation, unmistakable visibility in any condition, and intuitive driver calming beyond that of just reflective sheeting.

TraffiCalm®'s dedication to advancing road safety is unparalleled in the industry. Our Flashing Sign Systems provide an obvious, and proven, modernization of standard traffic signs, while still being fully compliant with the Federal Highway Administration (FHWA) Manual on Uniform Traffic Control Devices (MUTCD). (I would love to add some statistics in here)

TraffiCalm®'s Flashing Sign Systems offers scheduled operations, consolidates setup, smart solar power, hassle free install, retrofit design and the ability to have everything work wirelessly. When it comes to budget, safety, and calming traffic, think TraffiCalm®.

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.

TRAFFICCALM.COM



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SPECIFICATIONS

ILLUMINATION

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

LED Pitch: .35" (.89cm) (on centers) within the cluster

Cluster Pitch: 6 in (13.46cm) (on center)

Amber LEDs with 15° Viewing Angle

COMPATIBILITY

Integrates with all Trafficalm SA300 Controllers and Collaborators and can be push button, speed (radar), time clock, or sensor activated

CONSTRUCTION

14 gauge 5052 aluminum construction

Individually lensed LEDs recessed behind faceplate

ENVIRONMENTAL

Nema 4x Enclosure

Potted electronics (hermetically sealed)

-34° C to + 60° C operating range (-29° F to +140° F)

DETAILS

PHYSICAL DESCRIPTION

Available Sizes: 24", 30", 36" or 48"

Retrofits to any existing Warning Sign manufactured to MUTCD requirements of corresponding size

Mounting: all LED hardware mounted within the printed 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

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

Ring can be factory installed to a new static sign, per the available part numbers shown below

Includes a 5 year limited warranty and unlimited tech support from US based factory technicians

| MUTCD Sign Size | Part Number | Ring Length [A] | B (LED Group offset) | C (LED Pitch in group) |
|-----------------|----------------|-----------------|----------------------|------------------------|
| 24" | M75-R2424-BA47 | 23.3"/7.6cm | 6"/15cm | .35"/.89cm |
| 30" | M75-R3030-BA47 | 29.0"/73.7cm | 6"/15cm | .35"/.89cm |
| 36" | M75-R3636-BA47 | 34.8"/88.4cm | 6"/15cm | .35"/.89cm |
| 48" | M75-R4848-BA47 | 46.5"/118.1cm | 6"/15cm | .35"/.89cm |

| MUTCD Sign Size | Part Number | LED Count | Light Output (cd) | Power (Watts) | Static Sign (PN) |
|-----------------|----------------|-----------|-------------------|---------------|------------------|
| 24" | M75-R2424-BA47 | 48 | 936000 | 2.88 | |
| 30" | M75-R3030-BA47 | 64 | 1248000 | 3.84 | |
| 36" | M75-R3636-BA47 | 80 | 1560000 | 4.80 | |
| 48" | M75-R4848-BA47 | 112 | 21840000 | 6.72 | |

