Warning Sign Flashing LED Ring

FLASHING SIGN SYSTEM

TRAFFICALM®
A Pelco Products Company

WARNING SIGN FLASHING LED RING

Designed to LED enhance any existing or new diamond or square shaped MUTCD 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).

TraffiCalm® Flashing Sign Systems offer scheduled, radar activated, or 24/7 operation, AC or solar power, hassle-free install, 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 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 America/Buy America Compliant.

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

SPECIFICATIONS

ILLUMINATION

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

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

Cluster Pitch: 6" (15.2 cm) on center

Amber LEDs with 15° Viewing Angle

LED rated lifetime of 100,000 hours

COMPATIBILITY

Integrates with all TraffiCalm® Controllers and Collaborators and can be speed activated (radar), push button activated, sensor activated, and scheduled via time clock or run 24/7

CONSTRUCTION

14 gauge 5052 aluminum construction

Individually lensed LEDs recessed behind faceplate

All Wiring is UL 2464 rated

ENVIRONMENTAL

NEMA 4x Enclosure

Potted electronics (hermetically sealed)

-40° C to + 60° C operating range (-40° F to +140° F)

WARRANTY and SERVICE

5 year limited warranty

Unlimited tech support from US based factory technicians

DETAILS

PHYSICAL DESCRIPTIONS

Available Sizes: 24" (61 cm), 30" (76.2 cm), 36" (91.4 cm) or 48" (121.9 cm)

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

Mounting: All LED hardware mounted around the perimeter of the sign, within the border. 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

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

MUTCD Sign Size	Part Number	Ring Length (A)	LED Group Offset (B)	LED Pitch in Group (C)	LED Count	Light Output	Power (Amps)
24"	M75-R2424-BA47	23.3"/7.6cm	4.95"/15cm	.35"/.89cm	48	936000	.288
30"	M75-R3030-BA47	29.0"/73.7cm	4.95"/15cm	.35"/.89cm	64	1248000	.384
36"	M75-R3636-BA47	34.8"/88.4cm	4.95"/15cm	.35"/.89cm	80	1560000	.480
48"	M75-R4848-BA47	46.5"/188.1cm	4.95"/15cm	.35"/.89cm	112	21840000	.672