

# FLASHING SIGN SYSTEMS



## Yield Enhancement LED Ring

**Flashing Sign System** Enhancement Rings are the next evolution in road signage. Designed to enhance existing road signs. Engineered to provide lightning fast installation, exceptional visibility in any condition, and intuitive driver calming beyond that of reflective sheeting.

## Specifications

### Illumination

- LEDs configured around perimeter of sign, within border (fully MUTCD compliant design)
- LED Pitch: .35" (8.9mm) (on centers) within clusters, 1.9" (48mm) between clusters
- White LEDs with 30° Viewing Angle
- DG3 white reflective sheeting applied to ring face for natural appearance

### Environmental

- NEMA 4x Enclosure
- Potted electronics (hermetically sealed)
- -34° C to + 60° C operating range (-29° F to +140° F)

### Construction

- 14 gauge 5052 aluminum construction
- Individually lensed LEDs recessed behind faceplate
- Ring Depth: 0.4"/10.0mm to minimize impact on natural sign appearance
- No mounting or wiring exposed on reverse of sign

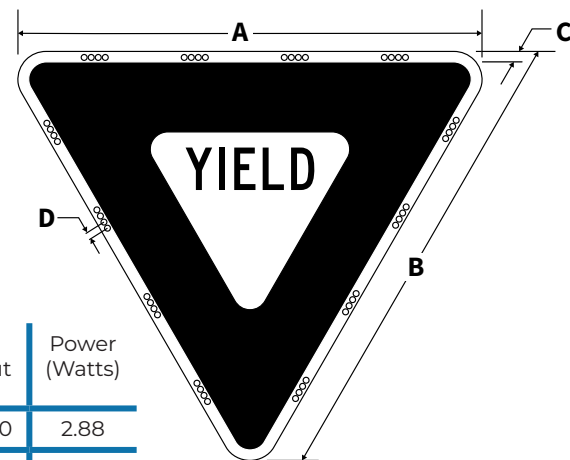
### Compatibility

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

## Details

### Physical Description

- Available Sizes: 30", 36", and 48"
- Retrofits to any existing R1-2 Yield 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. (3m) single cable extension to reach Controller or Collaborator



MUTCD Sign Size	Part Number	Ring Width (A)	Ring Height (B)	Ring Width (C)	LED Offset (D)	LED Count	Light Output (cd)	Power (Watts)
30"	M75-R3030-WR49	30"/76cm	30"/76cm	.625"/1.6cm	.35"/.89cm	48	324000	2.88
36"	M75-R3636-WR49	36"/91cm	36"/91cm	.625"/1.6cm	.35"/.89cm	48	324000	2.88
48"	M75-R4848-WR49	48"/122cm	48"/122cm	.625"/1.6cm	.35"/.89cm	72	486000	4.32