

# FLASHING SIGN SYSTEMS



## R15-1 Rail Crossing LED Sign

**Flashing Sign System** LED signs, plates, and rings provide dramatically improved awareness to most road signs.

Rail crossing awareness presents a unique challenge to drivers; no other mistake can result in such catastrophe for drivers, passengers, and vehicles alike. Our LED flashing sign is here to be seen.

## Specifications

### Illumination

- LEDs configured in clusters of 3 around perimeter of face of sign, presenting as a cross (fully MUTCD compliant design)
- LED Pitch: 6.0"/15.2cm (between clusters), .35" / .89cm within clusters
- White LEDs with 30° Viewing Angle
- DG3 white reflective sheeting applied to front and back of sign for natural appearance

### Environmental

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

### Compatibility

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

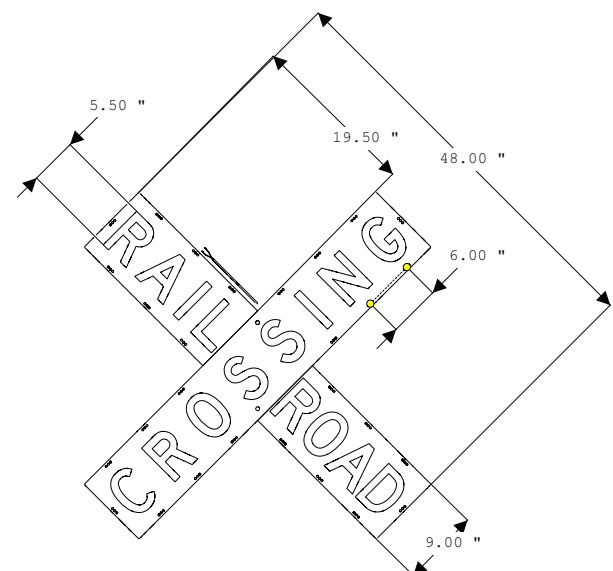
### Construction

- 14 gauge 5052 aluminum faceplate applied to face and reverse of a milled high density polyethylene core providing high impact and environmental resistance
- Individually lensed LEDs recessed behind faceplate
- Sign depth: 0.45"/10.1mm to minimize impact on natural sign appearance
- No mounting or wiring exposed on reverse or face of sign

## Details

### Physical Description

- Available Sizes: 48" x 48"
- Mounting: all LED hardware mounted within the rugged housing of the sign and protected by aluminum faceplate. Sign mounts using through-bolts to any standard bracket or post assembly.
- MUTCD compliant LED placement and usage
- 10ft. (3m) single cable extension to reach Controller or Collaborator



MUTCD Sign Size	Part Number	LED Offset	LED Count	Light Output (cd)	Power (Watts)
48"x48"	M75-R4848-WW38	6.0"/15.2cm	48	567000	6.72