



# TS35 Flashing LED Edge Lit Traffic Signs MUTCD Compliant

## General Description

The TS35 conforms to the specifications of the Federal Highway Administration (FHWA) set forth in the Manual on Uniform Traffic Control Devices (MUTCD). Using the latest advances in LED technology, the TS35 employs a set of synchronized high-intensity LEDs to extend the range of visibility of the sign during the day or night. Furthermore, the LEDs are flashed, which increases driver awareness of the sign and allows drivers to act sooner in advance of the crosswalk. Drivers are given more time to respond appropriately; thus improving the safety of pedestrians.

TS35 signs are used in conjunction with Traffic Safety Corporation's In-roadway Warning Lighting Systems (IRWLS) as a pre-warning device. Pre-warning devices provide an early warning to drivers of situations that require special caution or a speed reduction. In addition, the use of low power LED technology makes the sign ideal to be powered by solar power systems.

Typical applications include: mid-block crosswalks, school zones, parks, playgrounds, retirement communities, shopping malls and hospitals.

## Why Our Signs are Better

### High Visibility

- Type IX reflective sheeting provides outstanding reflective brightness, day or night
- High intensity LEDs extend the visibility of the sign under all weather conditions

### Superior Performance

- Low power LED technology reduces system power consumption and operating cost

### Outstanding Durability

- Highway grade .080 aluminum construction provides resistance to corrosion
- The use of highway grade Type IX sheeting helps to maintain long term reflectivity
- Stainless steel security fasteners and Tufnut anti-theft mounting hardware included to keep the sign secure
- Signs are weatherproof to prevent outside elements from entering

### Features

- MUTCD section 2A.07 and 2A.08 compliant
- Made in the USA with the longest warranty in the industry
- Improves driver compliance both day and night
- High visibility, low power consumption
- Fast, easy installation, low maintenance
- Easy integration with in-pavement lighting system.
- Vandal-resistant mounting hardware included



*Pedestrian Crossing Sign (W11-2)*



*School Zone Crossing Sign (S1-1)*

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TS35 Specifications\*

Compliance

- MUTCD section 2A.07 and 2A.08 compliant

Construction

- .080 highway grade aluminum and stainless fasteners
- Tufnut security mounting hardware (pole not included)

LED Lighting

- White LEDs standard, Yellow LEDs optional
- G2 Cree high-power LEDs (up to 3.5 W) in sign perimeter border
- Flash rate 50 to 60 times per minute
- LED life expectancy over 100,000 hours
- Visible up to 2 miles away
- Sealed DOT approved lighting

Circuitry Technology

- Sealed PCB technology



Options

- Additional LED lights
- Anti-graffiti protective overlay

Warranty

- 2 Year Sign Construction
- 2 Year LED Lights & Circuitry

Reflective Sheeting

-  Type IX Fluorescent Yellow Green (FYG)  
(Standard for Pedestrian and School Crossing signs)
-  Type IX  
(Optional for non-school zone areas)

\* All specifications subject to change without notice.

Ordering Codes

Product Code	Sign Type and Size	Sign Faces	Power <sup>3</sup>	Reflective Sheeting
SI-TS35 <sup>1,5</sup>	W11224: 24" Pedestrian Crossing Sign (W11-2) W11230: 30" Pedestrian Crossing Sign (W11-2) W11236: 36" Pedestrian Crossing Sign (W11-2) W11248: 48" Pedestrian Crossing Sign (W11-2) S1130: 30" School Zone Crossing Sign (S1-1) S1136: 36" School Zone Crossing Sign (S1-1) S1148: 48" School Zone Crossing Sign (S1-1)	D: Double Sided <sup>2,6</sup>	DC: DC	A: Type IX Fluorescent Yellow Green (FYG) <sup>4</sup> B: Type IX 1: Anti-graffiti Protective Overlay

1. SI-TS35 is used in crosswalk systems and requires a system controller for operation.
2. Single sided signs standard. Not available with combo signs.
3. Power and flash pattern generation supplied by system controller.
4. Fluorescent Yellow Green (FYG) sheeting should be used in school zone areas.
5. When ordering, specify size & shape (square, round) of your sign pole. Pole not included, sold separately.
6. Sign LED Quantity: 24" signs have 4 LEDs; 30" or larger signs have 8 LEDs; all double sided signs have 4 LEDs per side; all solar combo signs have 4 LEDs on each sign (specify additional LEDs when ordering).
7. Please specify custom lettering and graphics when ordering.