

# TS-SR-CROSSLED-150 Crosswalk Road Stud

## General Description

Introducing the TS-SR-CROSSLED-150, an innovative road stud designed to enhance pedestrian safety. It is typically installed on the outer edge of crosswalks and forms an illuminated boundary to alert drivers that pedestrians are crossing. Optionally, it can be placed at both ends of a crosswalk, and synchronized with pedestrian crossing traffic lights, changing from red to green to provide a clear indication when pedestrians can safely enter the crosswalk.

Equipped with a generously illuminated surface, the TS-SR-CROSSLED-150 guarantees outstanding visibility that eliminates the chance of drivers and pedestrians overlooking it. The low-profile design maintains a flush alignment with the road's surface, eliminating any potential tripping hazards and ensuring pedestrians can navigate the crosswalk without impediment.

## Key Features

- Ideal for use on walkways and pedestrian areas
- Low profile does not disturb pedestrian circulation
- Large lighted area for visual impact
- Robust construction with high strength
- Wired system that can be powered by electric or solar energy
- Easy maintenance

## Modes of Operation

- Steady Light (other modes of operation like flashing or sequential activation are available with external controller)

## LED Configuration

- Linear with 120° viewing angle

## Electrical Features

- Power Supply: 12V | 24V
- Power:
  - White: 12V: 1.15W (24 LEDs); 3.50W (72 LEDs)
  - 24V: 3.84W (24 LEDs); 11.50W (72 LEDs)
  - Red: (72 LEDs) 12V: 5.80W | 24V: 11.50W
  - Green: (72 LEDs) 12V: 4.20W | 24V: 11.50W
  - Amber: (72 LEDs) 12V: 7.30W | 24V: 16.15W
- Working Temperature: -13°F to +185°F (-25°C to +85°C)

## Optical Features

- LED Type: 5mm / RGB
- LED Quantity: 24 or 72 LEDs
- RGB LED Quantity: 72 LEDs
- LED Color: White, Red, Green  
(Amber color available with external controller)



LED Colors: White, Red, Green  
(Amber color available with external controller)



Low-profile design maintains a flush alignment with the road's surface



## Mechanical Features

- Cover: Stainless steel alloy with polycarbonate
- Base: Aluminum
- Weight: 15.43 lb. (7 Kg)
- Dimensions: 19.69" x 5.91" x 2.24" (500 x 150 x 57mm)
- Protection Index: IP68, IK10

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