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## TS-SR-50 Rotatable, Stainless Steel LED Road Stud

### General Description

Our TS-SR-50 stainless steel road stud features a durable, low maintenance design with outstanding visibility during the day and at night.

The TS-SR-50 is typically used in cross-walk applications, but it also can be used to mark school zones and rail-road crossings, lane control for bridges and tunnels, wrong way warning, and toll booth or toll way lead-on applications.

All In-Roadway Warning Lighting System components are available from TSC. A typical installation would include a set of road studs, a control system, one or more activation devices such as a pedestrian push button station, and flashing LED crossing signs.

### Features

- Robust construction, suitable for harsh conditions.
- Snowplow resistant.
- Ability to rotate after installation.
- Only .2" (4mm) projection above road surface.
- Up to 4 highbright LEDs (1W) with internal lens - used for maximum brightness.
- Specially developed heat sink to increase LED lifetime.
- Outstanding visibility during the day and at night.
- Suitable for applications in crosswalks, school zones, bridges and tunnels.
- Low maintenance, 100% waterproof.
- Easy replacement: base (fixed in the pavement), main body (removable).
- Polycarbonate window protects LEDs.
- Operation modes: always on; flashing and sequential with external controller.
- Optional: use different LED colors on each side.

### Specifications

#### Electrical:

- Power Supply: 12V DC (other voltages available)
- Current Consumption: 350mA



#### Optical:

- LED Number: up to 4 highbright LEDs
- LED Color: yellow, red, white, blue, green
- LED Configuration: bi-directional or uni-directional

#### Mechanical:

- Dimensions: 5.7" (144mm) diameter x 3.7" (95mm) height
- Weight: 4.85 lb. (2.2 kg)
- Projection (above road surface): .2" (4mm)
- Minimum Installation Depth: 3.9" (100mm)
- Main Body Material: stainless steel
- Base Material: aluminium
- Mechanical Resistance: 160 tons
- Protection Index: IP68 and IK10

### Ordering Codes

Fixture	LED Color
TS-SR-50 Bi-directional	___ / ___
TS-SR-50 Uni-directional	_____

LED Color: Y = Yellow, R = Red, W = White, B = Blue, G = Green

