



TS-SR-CROSSLED-L Crosswalk Road Stud

General Description

Introducing the TS-SR-CROSSLED-L, an innovative road stud designed to enhance pedestrian safety. Strategically placed at both ends of a crosswalk, the TS-SR-CROSSLED-L synchronizes 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-L guarantees outstanding visibility that eliminates the chance of 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 crosswalks, walkways and pedestrian areas
- Flush with road surface, doesn't 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 (amber color and other modes of operation like flashing, dimming or sequential activation are available with external controller)

LED Configuration

- Linear with 110° viewing angle

Electrical Features

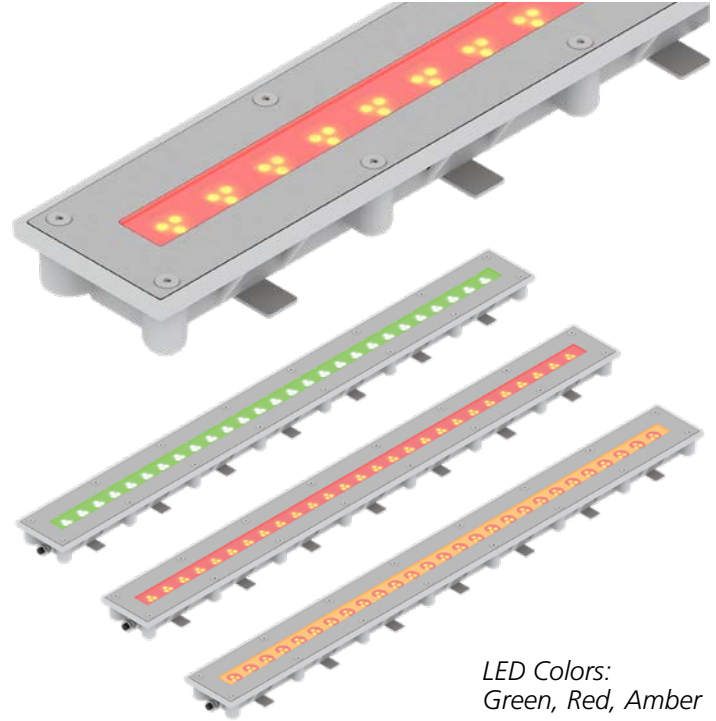
- Power Supply: +12V DC
- Power Consumption:
 - Red: 540mA, 6.50W
 - Green: 540mA, 6.50W
 - Amber: 756mA, 9.00W
- Power Cable: 1: +12V DC, 2: 0V DC RED, 3: 0V DC GREEN
- Working Temperature: -13°F to +185°F (-25°C to +85°C)

Optical Features

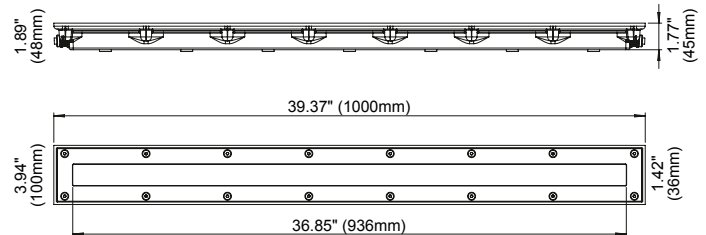
- LED Quantity: 81
- LED Type: RGB PLCC6 3535
- LED Colors: Red, Green, Amber
- LED Viewing Angle: 110°

Mechanical Features

- Dimensions: 39.37" x 3.94" x 1.89" (1000 x 100 x 48mm)
- Material:
 - Top Part: Stainless steel league with polycarbonate
 - Bottom Part: Aluminum
- Protection Index: IP67, IK10



LED Colors:
Green, Red, Amber



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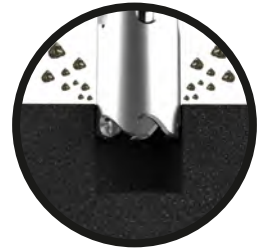
Installation Manual



Changing or not completing the described installation process can result in suspension of warranty.

After deciding on the installation location, mill an area with:

- Width:** 5.12" (130 mm)
- Length:** 40.55" (1030 mm)
- Depth:** 2.76" (70mm)



Cut a path for the cables with **.59" (15mm) width** and **1.97" (50mm) depth**.



Brush any debris or dust from the hole resulting from drilling.



Dry the hole with a blowtorch to **remove any moisture** that may compromise the adhesion and effectiveness of the grout.



Insert **SikaFlow-648 grout to half depth** and insert TS-SR-CROSSLED-L. Remove any excess grout remaining.



The **grout drying time may change** depending on weather conditions. Consult the grout data sheet for more information.

