

SR-50/NR

Hardwired Road Stud with Power Led's

 System Hardwired	 Rising from Road Surface 4 mm
 LED's Configuration Uni or Bidirectional	 Mechanical Resistance up to 160 Tons
 LED's Type Power LEDs	 Material Stainless-Steel Top and Polycarbonate
 LED's Color 	 Applications Crosswalks, Road Delineation
 Modes of Operation Steady light <small>Other modes with external controller</small>	
 Certifications 	

Available Versions

SR-50 - Rotatable Version

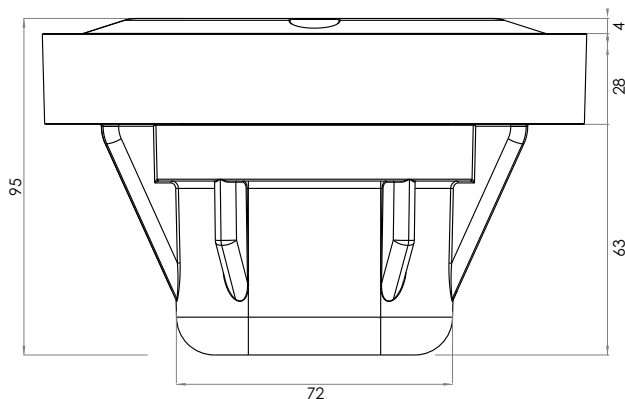
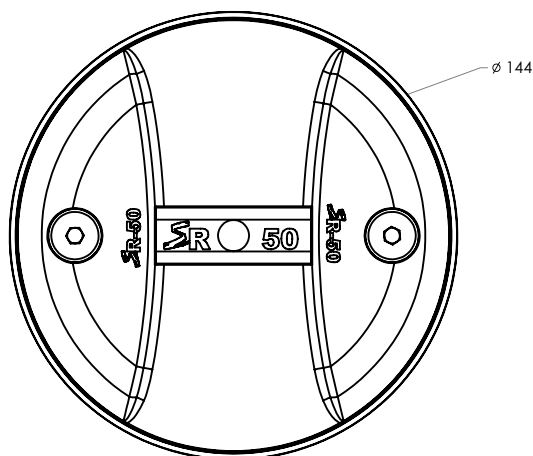
SR-50NR - Non-Rotatable Version



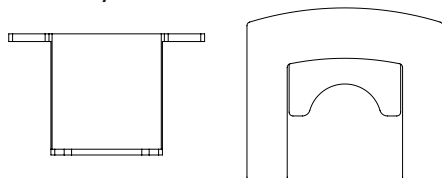
Made in Portugal

- Suitable for **regular traffic areas of heavy vehicles**
- High mechanical resistance: **up to 160 Tons**
- Rising from surface only **4 mm**
- Ideal for road delineation, bends/curves, crosswalks, regular and heavy traffic zones
- Robust construction, suitable for harsh conditions.
- **High visibility due to power led's** even in adverse weather conditions
- It allows drivers a higher reaction time due to the lighting range
- **Ready for snow plough machines**
- **Rotatable and Non-rotatable** versions available

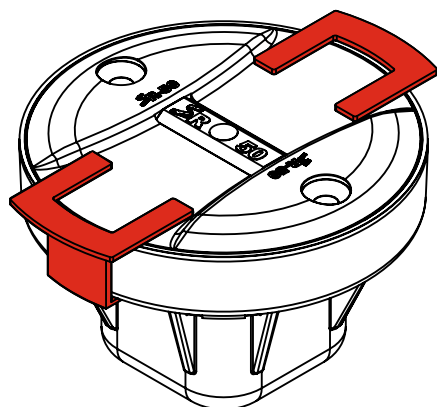
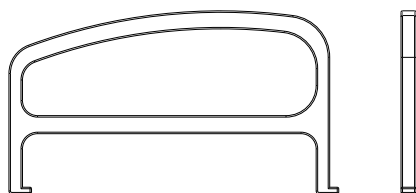
Technical Features



Installation Accessory - SR-SFT5



Rotation Accessory



Modes of Operation

Always On

(Other modes of operation or dimming are available with external controller)

LED's Configuration

Unidirectional or Bidirectional

Electrical Features

Power Supply:

24 V DC

Max. Current
Consumption:

280mA

Power Cable

Wire 1 (+) | Wire 2 (-)

Working Temperature: -25 °C to +85°C

Cable Type:

2 x 1,5mm

Optical Features

LED's Quantity: 2 or 4 LEDs (Unidirectional)

2 + 2 LEDs (Bidirectional)

LED's Type: Power Led

LED's Colors: Cool/Warm White, Red, Amber, Green, Blue

LED's Viewing Angle: 16°

Mechanical Features

Top Material: Hard stainless steel league with good corrosion resistance and polycarbonate window

Bottom Material: Aluminum

Weight: 2,200 Kg

Rising from Surface: 4 mm

Mechanical Resistance: up to 160 Tons

Dimensions: Ø144 x 95 mm

Applications

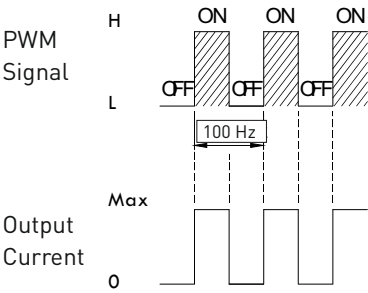
Road delineation, bends/curves, crosswalks, regular and heavy traffic zones among other applications

Related Products

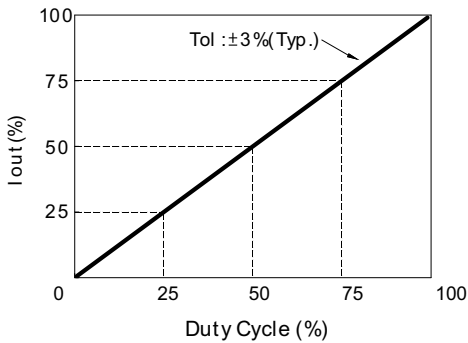


SR-50S

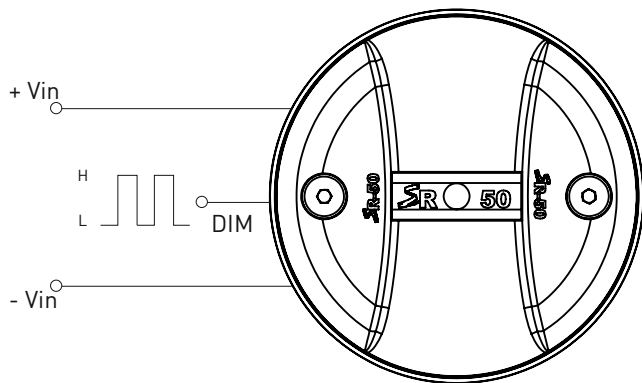
PWM Dimming Control



During PWM dimming operation, the output current will change to PWM style



STANDARD APPLICATION



PWM DIMMING & ON/OFF CONTROL	REMOTE ON/OFF	Leave open if not use Power ON with dimming: DIM ~ H >2.5 ~ 6VDC or open circuit Power OFF : DIM ~ H < 0.8VDC or short to -Vin
	PWM FREQUENCY	100Hz
	QUIESCENT INPUT CURRENT IN SHUTDOWN MODE(max.)	1mA at PWM dimming OFF and 24VDC input

Installation Manual

After deciding the location where the stud will be installed, **drill a hole** having a **diameter of 151/152 mm** and **minimum of 100 mm deep**.

Using a disk cutter, open a connection between the holes with **15mm width and 60mm depth**.



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

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 glue.

Apply in each road stud the installation accessory. The accessory will help to align keep the road stud in place during the glue drying time. This accessory will be removed at the end of the installation.

Pour 2Kg of glue Sikadur 42 SP in the hole and insert the stud. Depending on the hole size and the opening for the cables, the glue quantity could be slightly above the 2Kg.

Alternative glues:
SIKADUR 31 EF
FAPLISA F-3976
FAPLISA F-3096R
TRIFLEX CRYL R 238

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