

# SOLAR ROAD STUD

## MODEL CF-S-102

### Application

The model CF-S-102 Solar Road stud is suitable for lane-to-rail low and medium speed road warning.

According to the actual road conditions, a single continuous product or multiple combined products can be selected for installation on the road pavement either on one or both sides.

At night, its signaling function provides motor vehicle drivers with guidance instructions. In this way, it greatly improves road safety at night.

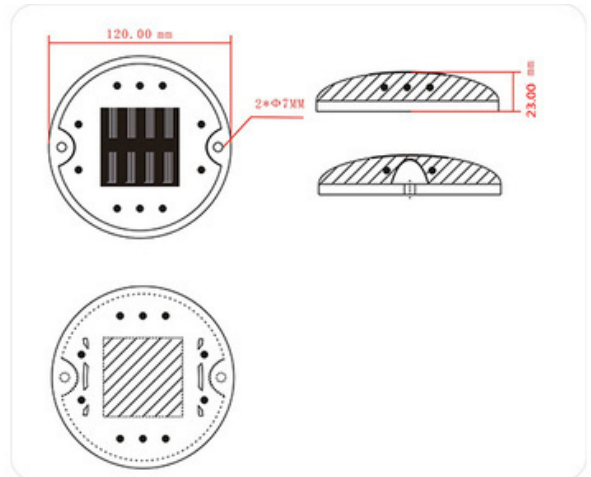
### Technical specifications

- **Dimensions:** 120mm diameter y 25 mm height.
- **Solar Panel :** 2V / 200 MA.
- **Ni-mh battery:** 1.2V/1200MAH High Temperate NI-MH Battery.
- **LED quantity:** 8 pcs.
- **LED frequency:** Flashing 90 times per minute.
- **LED Colour:** Red, yellow, white, blue and green.
- **Luminous intensity:** 12000mcd-20000mcd.
- **Illumination time:** 120h after fully charged
- **Material:** Anti-UV PC, UV resistant.
- **Visual distance:** >1000 meters.
- **Protection level:** IP68
- **Working temperature:** -20°C to +80 °C.
- **Weight resistance:** >20 Tons.



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### Installation

- Check if the solar panel charges and discharges normally.
- Identify the location for installation.
- Clean road surfaces.
- Clean the bottom of the solar road stud use epoxy glue to glue it to the ground.
- Wait 8 hours to dry before activating the solar road stud.

