

## SMART ROAD STUD R2

Code: VRFLX-Z



### WHAT'S AN R2?

Solar and retro-reflective device that is highly visible at long distances.

The new road stud (ON/OFF) solves efficiently the problem of loss of energy when placed during prolonged periods.

It is recommended the use of red light in areas with high incidence of accidents, tight curves, closeness to dangerous junctions or urban zones.

The lines to separate traffic directions, lighting must be amber, alternating among them, according to the direction of traffic

For the lines to separate lanes, lighting must be white oriented towards.

On the edges of the roadway, white or amber lighting is recommended.

### FEATURES

- Manufactured in stainless steel with ergonomic holes for installation and maneuverability.
- Lightweight and smooth body without cutting edges, resistant to friction, abrasion, shocks and impacts.
- Bolt for a better fastening to concrete (optional).
- Reflective sheeting in white, yellow or red color to provide greater retro-reflection.
- Great visibility in adverse climate conditions.
- Waterproof, functional even in rainy conditions.
- JVM electronic circuit, self rechargeable with automatic ON at night when stop receiving sun light.
- Solar technology with two LEDs in amber, red or white color; light emitting diode with great efficiency and more than 10 years of life span.
- Can synchronize with other smart road studs.
- Incorporates great storage battery of 600 mAH, 6-8 hours of solar charge in good sun light conditions, enough to supply LEDs up to 5 days.
- Can be installed in any flat surface to absorb direct sun light; with wireless design.



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## MEASUREMENTS

Dimensions and other measures are nominal and may vary by approximately  $\pm 2\%$ .

- Manufactured in**
  - Stainless steel
- Photovoltaic cell**
  - Polycrystalline silicon
- Measures of cell**
  - Length: 30 mm
  - Width: 40 mm
- LED Color**
  - Red, white or amber
- LED Quantity**
  - 2
- Luminous Intensity**
  - + de 6500 mcd
- Flashing Light Sequence**
  - 40 fpm
- Road Stud Color**
  - Bright steel
- General Measures**
  - Width: 4.3 in
  - Length: 4.3 in
  - Height: 0.7 in
- LED Distance Visibility**
  - approx. 656 ft.
- Circuit Efficiency**
  - 20 hrs of operation with 7 charging hours.

