

True leaders do not follow
... they lead the way

WHAT IS AN R2 ROAD STUD?

High-visibility, solar-powered retroreflective devices.

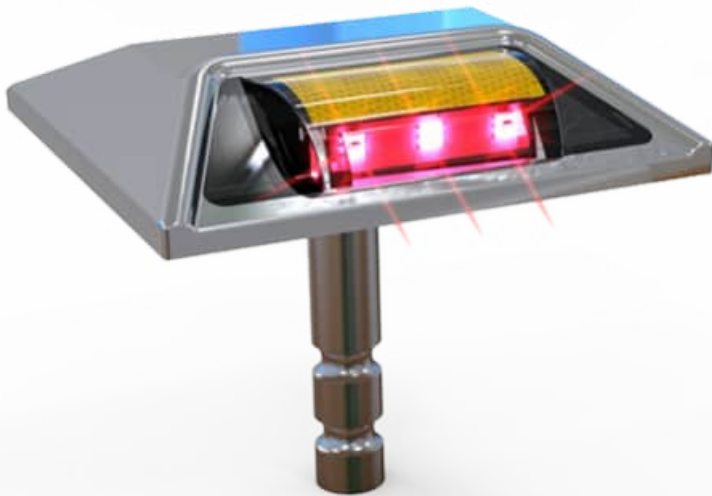
The new upgraded road stud (ON/OFF) effectively addresses the issue of energy loss caused by prolonged placement.

It is recommended to use road studs with red light in areas with high a incidence of accidents, sharp curves, approaches to dangerous junctions, or near urban zones.

When the line separates opposite traffic directions, the illumination should be amber, alternating between them in the direction of travel.

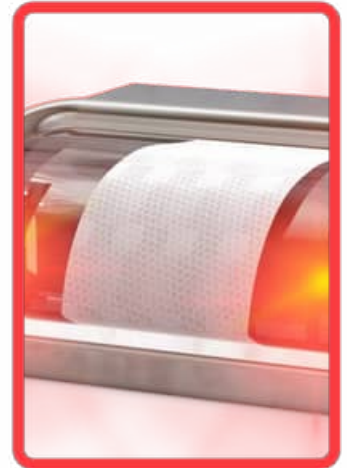
When the line separates lanes, the illumination should be white facing traffic.

On the road edges, white or amber light is recommended.



Features

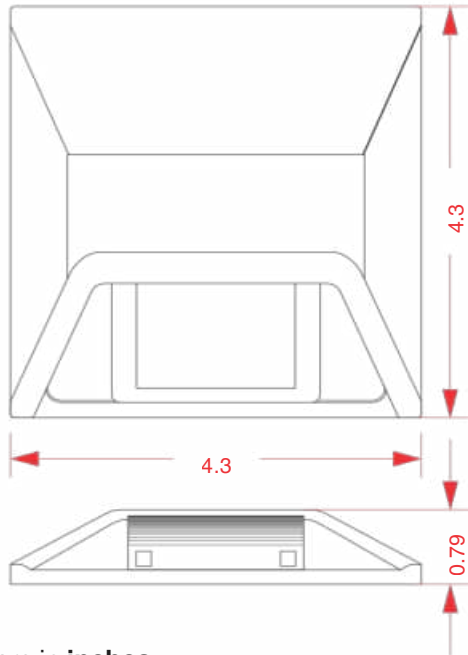
- Manufactured from stainless steel, with ergonomic grooves for easy handling and installation.
- Lightweight, smooth body with no sharp edges; resistant to friction, abrasion, shocks, and impacts.
- Optional single bolt for stronger anchoring to concrete.
- Equipped with white, yellow, or red reflectors for enhanced retroreflection.
- Highly visible under adverse weather conditions.
- Waterproof; performs reliably even in rainy climates.
- Features an auto-rechargeable JVM electronic circuit that activates automatically at night when daylight is no longer detected.
- Combines solar technology with two amber, red, or white LEDs; highly efficient flashing light emitters with a lifespan of over 10 years.
- Can be synchronized to operate in unison with other units.
- Built-in 600 mAh storage battery; 6–8 hours of solar charging under good sunlight conditions provide enough power to operate LEDs for up to 5 days.
- Suitable for installation on any flat surface with direct exposure to sunlight, featuring a wireless design.



R2 ROAD STUD

Code: VRFLX-Z

Dimensions and other measurements are nominal and may vary by $\pm 2\%$



Dimensions are in **inches**

Dimensions

* Material:	Stainless steel
* Photovoltaic cell	Polycrystalline silicon
* Cell dimensions:	Length: 30 mm, Width: 40 mm
* LED colors:	Red, White, Amber
* Number of LEDs:	3
* LED luminous intensity:	+ 6.5 cd
* Flashing light sequence:	40 flashes per minute
* Color:	Polished steel
* Overall dimensions:	Width: 4.3 in, Length: 4.3 in, Height: 0.79 in
* LED visibility distance:	Approx. 218.72 yd
* Circuit Efficiency:	20 hrs with 7 hrs of charging

