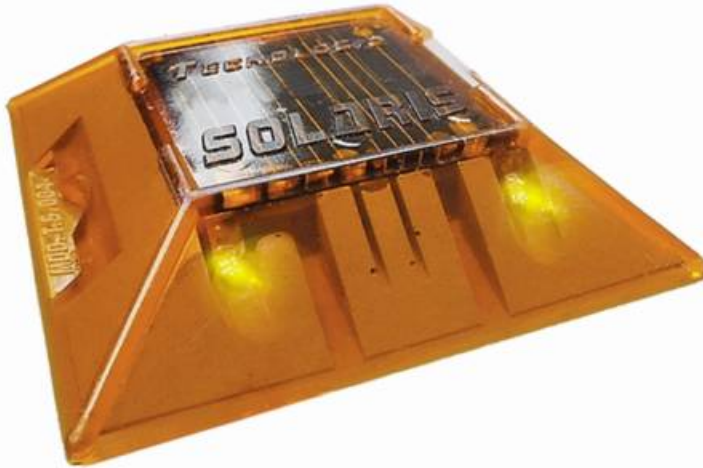


SOLARIS ROAD STUD

Code: G-S12



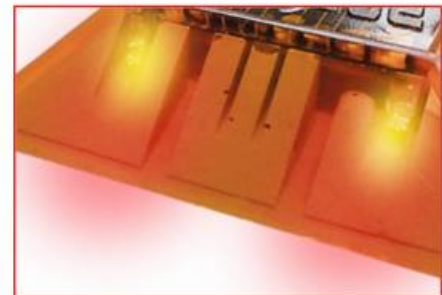
WHAT'S A SOLARIS ROAD STUD?

This is an irreplaceable visual reference for any road due always delineate lanes, it has certain physical features as: maximum visibility and long life span; withstand all kind of vehicles, from a motorbike to a truck.

Ideal in curved zones, accesses, parking lots, etc.

FEATURES

- Pyramid body in amber color to provide elegance to road.
- High resistance, friction, abrasion, shocks and impacts.
- Body without cutting edges to guarantee safety.
- Functional device to guide on roads and to be used as speed bump.
- Self-rechargeable device, turning ON automatically during night.
- Incorporates solar technology and flashing light emitting diode with great efficiency, over 10 years of life span.
- Great visibility in any climate condition.
- Solar panel with great size that increase luminous power of LEDs, providing greater visibility at longer distances.
- Design of one face to mark one way or two faces to mark two way.



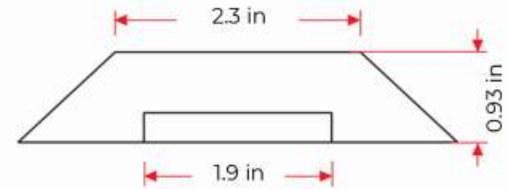
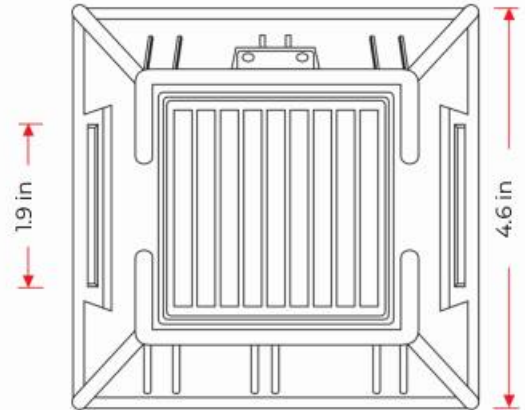
SOLARIS ROAD STUD

Code: G-S12

MEASUREMENTS

Dimensions and other measures are nominal and may vary by + / - 2%.

| | |
|-----------------------------|---|
| Manufactured in | <ul style="list-style-type: none"> Polycarbonate |
| General Measures | <ul style="list-style-type: none"> Base: 4.6 in per side Height: 0.93 in |
| Approx. Total Weight | <ul style="list-style-type: none"> 10.2 oz |
| Body Color | <ul style="list-style-type: none"> Amber |
| Mini solar panel of | <ul style="list-style-type: none"> Silicon |
| LED Color | <ul style="list-style-type: none"> White, amber or red of high intensity |
| LED Quantity | <ul style="list-style-type: none"> 1 to 5 in 1 or 2 faces (unidirectional or bidirectional) |



TECHNICAL SPECIFICATIONS

| | | | |
|---|---|--|---|
| Specific weight(density) (ASTM D 792): | <ul style="list-style-type: none"> 1.2 g/cm³ (0.69 oz/in³) | Approx. LED life span | <ul style="list-style-type: none"> 100,000 hrs |
| Water absorption (24 H-23°C) (ASTM D 570) | <ul style="list-style-type: none"> 0.15 | LED Light Intensity | <ul style="list-style-type: none"> + de 6500 mcd |
| Softening temperature. (VICAT-5 KG.) (ASTM D 1525) | <ul style="list-style-type: none"> 145-150 °C % (293 - 302 °F) | Long durability and rechargeable batteries of | <ul style="list-style-type: none"> NK-MTH |
| Tension Strength (ASTM D 638) | <ul style="list-style-type: none"> 60-65 n/mm | Battery capacity without memory effect | <ul style="list-style-type: none"> 650 ma |
| Dielectric Strength (ASTM D 149) | <ul style="list-style-type: none"> 20 kv/mm | Light flashing sequence | <ul style="list-style-type: none"> 80 fpm |
| Compressive strength maximum load | <ul style="list-style-type: none"> 3,500 kg/cm² (49781 lb/oz²) | Approx. distance of LED visibility | <ul style="list-style-type: none"> 984 ft |
| | | Circuit efficiency | <ul style="list-style-type: none"> 36 hrs working with 7 hours of charge under direct sun exposure |