



## SOLAR MARKERS

RRSP carries one of the most comprehensive ranges of markers in the country and is recognised as the industry leader in Australia. At RRSP, we see raised pavement markers as a critical safety function on our roads, communicating the travel path for short and long-range vehicle operation.

Raised pavement markers are proven to improve delineation and increase preview time, especially under wet conditions. RRSP is committed to supporting the ongoing drive for safety through the introduction and promotion of quality products. All our RPM's carry the necessary level of approval – be that ASTM D4280, AS1742 or AS2890. Our RPM's also carry several state approvals.

Our RPM's set the standard for innovation with a range of sturdy-body, injection moulded markers that feature high impact resistant polymer bases and high impact resistant polymer lenses. Engineered for extended reflector life and rugged performance, our road markers allow for easy placement and excellent adhesion to the road.

We offer single direction and dual direction reflectors in a range of colours including white, yellow, red, blue, green, fluorescent orange and fluorescent yellow. We also supply a range of dual colour reflectors.

### Solar Markers

The first road stud powered by solar energy was created to provide clearly visible traffic guidance in all weather conditions. Unlike conventional reflective road markers, RRSP Solar Road Markers (SRM's) do not rely on headlights to delineate the road ahead. Using bright light-emitting diodes (LEDs), projected light from each marker can be seen at up to 1.5km away during night time darkness.

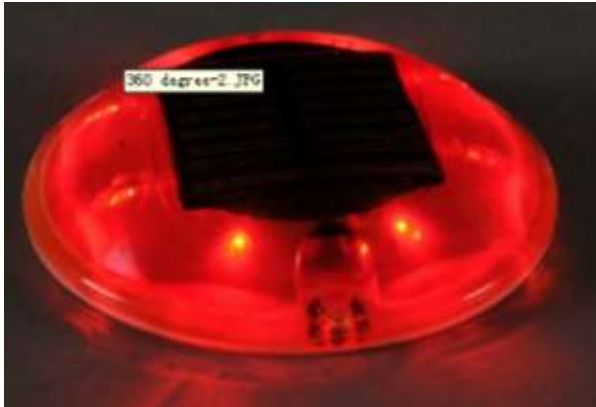
For night or fog use, electronics in the Solar Road Markers, monitor ambient light levels, activate the LEDs when ambient light drops below factory pre-set levels.

The Solar Road Markers maintain a charge adequate for full duty cycle. These Solar Road Markers are re-charged by sunlight, lower level light, and from other light sources such as vehicle headlights. RRSP Solar Road Markers have a service life of up to seven (7) years.

Solar Road Markers are the latest in road marking technologies. Used for specific applications, our light-emitting, solar-rechargeable road markers that are being used for specific purposes such as:

- Taxi Rank delineation
- Roads where poor visual conditions arise
- Mountainous areas
- Areas prone to fog and sleet
- Areas that are not well lit either naturally or artificially
- Sharp or dangerous corners
- Airport applications including taxiways, runways and hazardous area delineation
- Intersections and crossings
- Bicycle trails and footpaths
- Hydrant Markings (HP / HR etc)
- Multicolour one-way and two-way markers delineating Entry / No Entry zones
- Ideal for highway "Wrong Way – Go Back" positioning

## 360° Solar Stone



Item number : RSPS-4-T360-F: Flashing light RSPS-4-T360-S: Steady light

### Technical Specifications:

- Size: Ø116\*25mm; Net weight: 292g
- Power supply: mono crystalline panel
- Power storage device: Li Battery or capacitor
- Lighting mode: flashing or steady
- LED: φ5mm, 8pcs, visible at 360 degrees
- Colour range: yellow, red, white, blue, green
- Working time: over 72 hours after full charged
- Visual distance: >500m
- Temperature rating: -20°C to +70°C
- Starting intensity: 500Lux
- Material: PC shell with transparent epoxy filler
- Compression resistance: over 10ton
- Water proofing: IP68
- With bitumen sticker on the bottom

Packing: 38\*26\*26cm, 48pcs/ carton, 16kgs/ carton Life cycle: 3 years Warranty: 1 year

## Solar FRP



Fiberglass shell, combination of LED & Reflective lens. Item No.: RSPS-1-RS: One-way steady light RSPS-1-RF: One-way flashing light RSPS-2-RS: Two-way steady light RSPS-2-RF: Two-way flashing light

## Technical Specifications:

- Size: 105\*105\*25mm; Net weight: 280g
- Power supply: mono crystalline panel
- Power storage device: heat-resistant Li Battery
- Lighting mode: flashing or steady
- LED:  $\phi$ 5mm, one-way 2pcs, two-way 4pcs
- Colour range: yellow, red, white
- Working time: over 72 hours after full charged
- Visual distance: >500m
- Temperature rating: -20°C to +70°C
- Starting intensity: 500Lux
- Material: fiberglass shell with epoxy filler
- Compression resistance: over 10ton
- Water proofing: IP68
- Application: road sides, never use on centre line p

Packing: 38\*26\*26cm, 48pcs/ carton, 15kgs/ carton Life cycle: 3 years Warranty: 1 year

Solarflex Alu



Flexible solar panel, 20ton compression resistance. 2-LED each side: 3-LED each side: RSAS-F1-RS: One-way steady light RSAS-F1-R3S: One-way steady light RSAS-F1-RF: One-way flashing light RSAS-F1-R3F: One-way flashing light RSAS-F2-RS: Two-way steady light RSAS-F2-R3S: Two-way steady light RSAS-F2-RF: Two-way flashing light RSAS-F2-R3F: Two-way flashing light

## Technical Specifications:

- Size: 125\*105\*25mm; Net weight: 400g
- Power supply: flexible solar panel (Mono crystalline) 2V 300Ma
- Power storage device: Ni-MH 1.2V 1200MAH
- Lighting mode: flashing or steady

- LED:  $\phi$ 5mm, one-way 3pcs, two-way 6pcs
- Colour range: yellow, red, white
- Working time: over 72 hours after full charged
- Visual distance: >500m
- Temperature rating:  $-20^{\circ}\text{C}$  to  $+70^{\circ}\text{C}$
- Starting intensity: 500Lux
- Material: Aluminium shell with white epoxy filler
- Compression resistance: over 20ton
- Water proofing: IP68
- Application: road sides Life cycle: 3 years Warranty: 1 year

### 360° Solar Star



Item number : RSPS-T360-B-F: Flashing light RSPS-T360-B-S: Steady light

#### Technical Specifications:

- Size: body:  $\phi$ 82.5\*29.5mm, bolt:  $\phi$ 8\*15mm
- Net weight: 200g • Power supply: mono crystalline panel
- Power storage device: Li Battery • Lighting mode: flashing or steady
- LED:  $\phi$ 5mm, 8pcs, visible at 360° • Color range: yellow, red, white, blue, green
- Working time: over 72 hours after full charged • Visual distance: >500m
- Temperature rating:  $-20^{\circ}\text{C}$  to  $+70^{\circ}\text{C}$
- Starting intensity: 500Lux
- Material: Bulletproof PC
- Compression resistance: over 10ton
- Water proofing: IP68
- Application: traffic cone, signs or warning post

Lifecycle: 3 years Warranty: 1 year

## Support and Service

At RRSP, we look to offer our customers the right road and pavement system solution through a combination of fast service, reliable inventories, knowledgeable people, personalized attention, and competitive pricing which is perceived by our customers to be the best value available. Have a question on this product or any other we offer? Give us a call.

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