

GUIDESTAR

GSX Series Solar LED Pavement Markers



GUIDESTAR SOLAR LED PAVEMENT MARKERS

GSX Series Illuminating tomorrows roadways TODAY

- Clean reusable energy
- Automatic flashing or constant ON
- Over 30Ton compression strength
- Ultra intense 3X LED's
- External magnet switch stores power
- Quick easy installation
- No maintenance required
- No batteries to change ever
- Designed for daily traffic abuse
- Improve lane visibility in congested areas
- Bring modern road technology to non visible or worn out markings

GSX LED Solar Markers are the most effective marking system in the industry providing a visible, audible, noise warning device for all drivers and roadways. Designed to provide motorists advanced visibility and alert them of danger such as wrong-way, center lines, turns, fire hydrants and all other applications requiring enhanced visibility.

US Reflector's GSX solar road markers are designed with recessed lenses that are built from the inside of the marker providing exceptional reflective life performance while reducing tire lens impact when compared to standard markers. No maintenance required, LED markers are built with intelligent and sophisticated circuitry and powered with the advanced technology providing low electric consumption and exceptional operating life. GSX markers are equipped with external magnet switch that activates the marker when being installed.

CHARACTERISTICS

- Extreme 30 ton Resistance
- Illumination >110 hours
- Solar powered
- Smooth aluminum frame
- Adhesive or anchor

BENEFITS

- Self Illuminating
- Advance Hazard warning
- Quick install

Solar

Brilliant

Advanced warning



GSX SERIES

GuideStar GSX pavement markers are a high power ultra bright LED marker designed for performance in abusive road environments. GSX series leaps forward in technology with its IONintel power chip package providing more then 51 hours operation with just 4 hours of sunlight + 30 tons of compression resistance and over a mile of advanced nightvisibilitymaking the GSX markers are the new standard to road illumination.

Reflectors are secured from inside the marker frame

01

3X the LED's exceed standards for brilliant night visibility

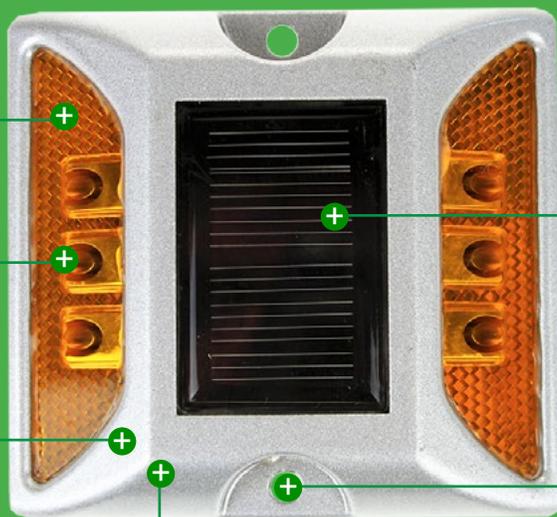
02

Heavy Duty aluminum frame

03

Ergonomic Smooth edge design

04



IONintel solar panel and chip electronics package

06

Anchor holes or adhesive bond for dual fixation

05

External power storage switch for on-site activation

07



GSX-4 Double sided
GSX-2 Single sided



GSX-6 Double sided
GSX-3 Single sided



GSX-ST3 Double sided
GSX-ST6 Single sided

High powered light diodes draw, but not distract from the driver's attention to the road. LED Diodes are combined with a prismatic reflector for passive reflex technology

Maximize a drivers ability to maneuver through dark spots, dangerous areas or wet roads. Cost effective, easy to install and maintenance-free.



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GSX Series Solar LED Pavement Markers

ADVANTAGES

High Reliability

The highly visible Solar LED Road Marker employs a heavy duty design that is long lasting, impact resistant, and engineered to survive in virtually any weather condition.

Why Solar Energy?

Solar energy is consistent and will power the units at a fixed rate. Power generation is possible even during rainy or cloudy weather. Solar energy does not require batteries, making it the most economical way to keep drivers safe.

Full Autonomy

Each unit is completely independent and self-directed. It does not depend on anything other than ambient light (i.e. sunlight, partial light, lamps) in order to work properly.

Long Distance Visibility

Visible up to one mile, the Solar LED Road Marker is the perfect safety addition to any road or highway.

Flashing Function

Designed to flash or always ON in low visibility and at night, the Solar LED Road Marker assists drivers in seeing the road, preventing accidents and injuries.

Easy to Install

Each Solar LED Road Marker takes only a few minutes to install. Simply clean the road surface and affix the Solar LED Road Marker with a high strength adhesive or use the side anchor holes for mechanical fixation. That's all there is to it!

Effective Warning

LED lights are the best option for road markers because they provide a significant increase in advance warning for drivers. GSX LED markers with IONintel chip electronics use very little energy, and provide the utmost in safety and visibility. Unlike conventional reflective markers, the GuideStar LED Solar marker is visible up to a mile away and beyond helping to prevent accidents. GSX dual illumination Markers emit and reflect light which is extremely important especially on road sections that are unable to pickup an approaching headlight beam especially in wet and rainy weather.

Blue LED markers are ideal for fire hydrant locator's. Alternating blue flashing LED's directs attention when searching for hydrants is critical. Installs on curbs or roadways.



Part #	Description	Light Mode		AVAILABLE LED COLOR OPTIONS				
		Flashing	Non Flashing	Amber	White	Red	Blue	Green
2I-GSX-A4-color-color-(Mode)	Double sided 4 LED marker	F	NF	X	X	X	X	X
2I-GSX-A2-color-(Mode)	Single sided 4 LED marker	F	NF	X	X	X	X	X
2I-GSX-A6-color-color-(Mode)	Double sided 6 LED marker	F	NF	X	X	X	X	X
2I-GSX-A3-color-(Mode)	Single sided 3 LED marker	F	NF	X	X	X	X	X
2I-GSX-ST-A6-color-color-(Mode)	Double sided W/Stem 6 LED marker	F	NF	X	X	X	X	X
2I-GSX-ST-A3-color	Single sided Stem 3 LED marker	F	NF	X	X	X	X	X



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GSX Series Solar LED Pavement Markers



GSX-2 / GSX-4

Self contained solar pavement marker is available in single or double sided. Built with aluminum housing with embedded reflector and 2 or 4 LED illumination provides high visibility up to 1 mile (1600m). Smooth sand blasted curved surface for long life wheel impacts. IP68 waterproof electronic integration ensures power chips & power supply are fully protected from water and contaminants. Delivered with external magnet switch for "On-site" activation.

Dimensions: 4" x 4.4" x 0.86" (101 x 112 x 22 mm)
Illumination modes: Flashing or Always ON
Compression resistance: 25 Tons



GSX-3 / GSX-6

High visibility Solar LED Road Marker employs a heavy duty aluminum design that is long lasting, impact resistant, and engineered to survive in virtually any weather condition. Self contained solar pavement marker is available in single or double sided. Built with embedded reflector with 3 or 6 LED's provides exceptional visibility greater than 1 mile (1600m). Smooth sand blasted curved surface for long life wheel impacts. IP68 waterproofing ensures electronic chips & power supply are fully protected from water and road contaminants. Delivered with external magnet switch for "On-site" activation.

Dimensions: 4.9" x 4" x 1" (125 x 105 x 26mm)
Illumination modes: Flashing or Always ON
Compression resistance: >30 Tons



GSX-ST3 / GSX-ST6

Heavy Duty aluminum housing with self contained solar LED Road Marker is designed with an anchor stem for roads where vehicles brake-speed such as toll booths, winding roadways, merging lanes, sharp turns, truck lanes and parking lots where pivoting tires may pull off surface mount studs. Long lasting, and impact resistant, the GSX Series is engineered to survive in virtually all weather conditions. GSX-ST series marker is available in single or double sided, flashing or constant ON.

Embedded reflector with 3 or 6 LED's provides exceptional visibility greater than 1 mile (1600m). Smooth sand blasted curved surface for long life wheel impacts. IP68 waterproofing ensures electronic chips & power supply are fully protected from water and road contaminants. Delivered with external magnet switch for "On-site" activation.

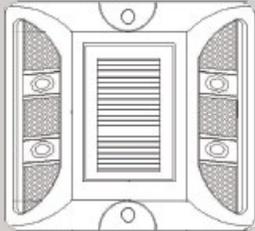
Dimensions: 4.9" x 4" x 1" (125 x 105 x 26mm)
Illumination modes: Flashing or Always ON
Compression resistance: >30 Tons



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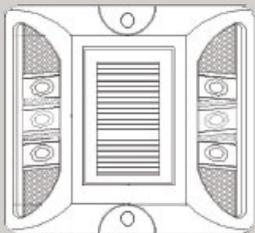
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GSX-2 / GSX-4



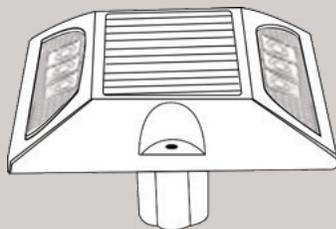
Material	Acrylic reflector Aluminum frame
Size	4" x 4.4" x 0.86" (101 x 112 x 22 mm)
Illumination modes	Flashing or Always ON
LED Quantity	Single sided 2 Double sided 4
Power supply	1.2V 600 mAh NI-MH battery
Working time	One day charge 110 hours
Compression resistance:	25 Tons

GSX-3 / GSX-6



Material	Acrylic reflector Aluminum frame
Size	4.1" x 4.9" x 1" (105 x 125 x 26 mm)
Illumination modes	Flashing or Always ON
Visual distance	Over 1 mile
LED Quantity	Single sided 2 Double sided 4
Power supply	1.2V 900 mAh NI-MH battery
Working time	One day charge >70 hours
Compression resistance:	30 Tons

GSX-ST3 / GSX-ST6



Material	Acrylic reflector Aluminum frame
Size	4" x 4.4" x 1" Stem 1.18" x 1.97" (105 x 125 x 26 mm-Stem 30mm x 50mm)
Illumination modes	Flashing or Always ON
Visual distance	Over 1 mile
LED Quantity	Single sided 2 Double sided 4
Power supply	1.2V 900 mAh NI-MH battery
Working time	One day charge >70 hours
Compression resistance:	30 Tons

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GSX markers are available in all configurations. Use first letter of color when ordering