

CYCLE GUIDE LIGHTS

Flush mounted, solar powered LED lights that provide visual delineation and assist in guiding the path of cyclists. Used on roads and cycle paths, the Cycle Guide lights provide a cost effective, energy saving solution that enhances the riding experience.

Showing the way

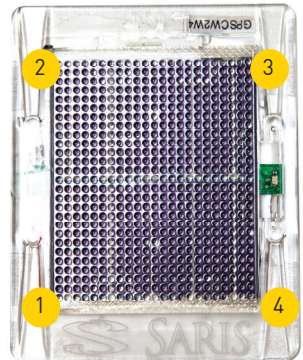
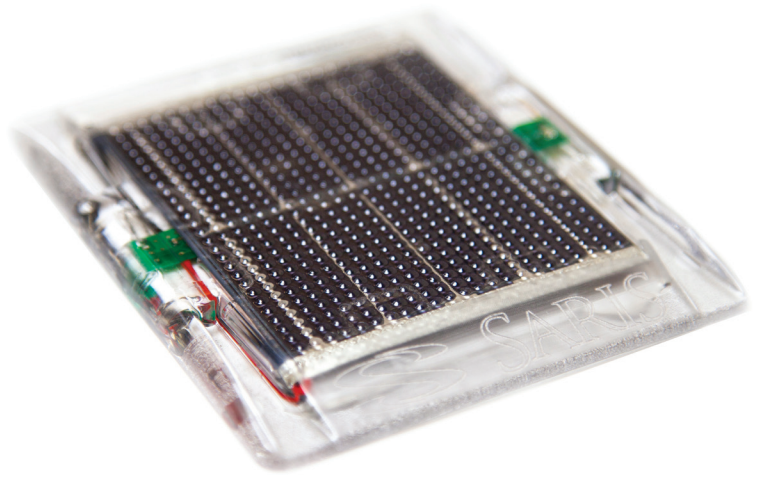
The Cycle Guide lights enhance the bicyclist experience by providing supplementary marking and visual cues to lead the bicyclist along an unlit bike path or safely along moving traffic.

Durable design

The Cycle Guide light is robust and simple. The light is ultra-thin and self-charging with solar cells and extremely durable batteries. The Cycle Guide lights are designed to withstand tough conditions such as snow plows and other road maintenance vehicles.

Cost Effective Safety

As a stand alone unit, with no requirement for cabling and epoxy installation, the Cycle Guide is extremely cost effective and long lasting.



| LIGHT CONFIGURATION OPTIONS: | |
|------------------------------|---|
| Light Location | Recommended Usage |
| #1 and #4 | Delineation between traffic lane and one-way cycle trac |
| #1 and #2 Or #3 and #4 | Delineation of side line of one-way cycle trac Delineation between traffic lane and one-way cycle trac |
| #2 and #4 | Delineation of center line of two-way cycle trac |
| #1, #2, #3 and #4 | Most flexible usage to highlight two sides of lines - two way cycle trac or bike path |

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Product Details

- Easy installation with epoxy.
- Protected against snow clearing equipment (flush mounted).
- Lights up when it gets dark.
- Intelligent on/off switch (sleep function).
- Hibernates after 24 hours in the dark, after which the light level is controlled every 10 minutes.
- Can light for up to 4000 hours without charging.
- Can survive 1 year under a snowdrift. To wake up again it must be in sunlight for 30 minutes and then it will turn on and be active after a delay of 10 seconds.
- The surface of the Cycle Guide is a prism, which makes charging possible when the sun is in a position of 10 degrees over the horizon.
- Built-in temperature sensor.
- Intelligent battery charging, so that even small amounts of sunlight charges the battery.
- Waterproof IP 68 (can withstand seawater).
- Built-in LED lights in the following colors white, yellow, green, blue and red.
- "Stand-alone" without external energy source.
- Conforms with MUTCD standards for supplemental lane markings

Technical Specifications

| | |
|------------------------|--|
| Solar panel: | 80x90 mm |
| Visibility (distance): | more than 1000 m in the dark |
| Battery life: | 5-10 years |
| Flash frequency: | 100 Hz |
| Operating temperature: | -40 degrees/+80 degrees |
| Load: | Max. 20 ton |
| Size (HxWxL): | 7x100x120 mm |
| Weight approx.: | 100 g |
| Working life: | 600/4000 hours (without charge - depending on LEDs) |
| Battery: | 1 or 2 |
| Lighting: | Two directions |
| Mounting Depth: | Mounting Street 8-9mm Cycle paths 3-4 mm |

Colors Available: White, yellow, green, blue, red

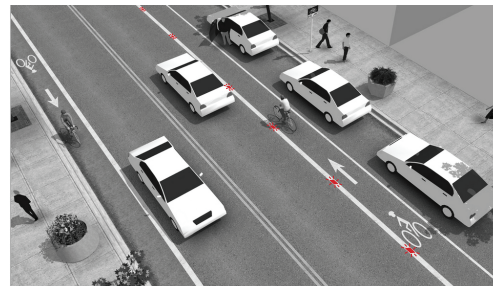
Recommended spacing:

Spacing is determined based on unique parameters of the installation conditions. In general, 30 – 50 ft. in straight away and 15 – 30 ft. in curve is recommended. The State DOT recommended spacing for reflective markers is a good starting point.

Buffered cycle trac installation:



Cycle Trac Installation:



Protected cycle trac installation:



Protected cycle trac installation:

