

LED Enhanced Signs



Edge-lit LED Road Signs are used to significantly enhance driver awareness and safety by providing superior, active visibility compared to traditional reflective signs, especially in dimly lit, poor weather, and high-risk conditions. By actively illuminating critical information, edge-lit signs shift from passive safety measures to proactive tools that address human visual limitations, making roads safer for everyone.

SAWS LED Enhanced Signage increases visibility and improves safety. The signs attract attention, particularly in high-traffic areas, low-light conditions, or specific accident prone hazard areas. Powered by the SAWS Solar Engine (24 AH battery, heavy duty solar panel, and controller), the signs are effective in situations requiring critical driver attention including school zones, pedestrian crossings, and other areas. The fully contained system is especially suitable for locations where access to electrical grids is limited.



FEATURES

- Solar powered - no underground wiring necessary.
- Fully self-contained system - theft and tamper resistant.
- .080" Sign Face (optional .100"/.125" for harsh conditions) / .080" sign shell.
- Fully enclosed sign prevents damage to internal wiring.
- All external wiring utilizes waterproof connectors.
- Universal top-of-pole mounted Solar Engine, designed to withstand high winds and inclement weather.
- Parallel wiring used to ensure continuous flashing in the event of a single LED failure.
- Single or dual post mounting options available.
- Solar powered 24 AH battery capacity.
- Sealed high power LEDs available in red, amber or white.
- May be assembled with square tubing and break away base, simplifying installation and reducing the need for costly larger post and base systems.
- 2 year limited system warranty.

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KEY BENEFITS

- **Maximum Visibility:** Unlike traditional reflective signs that rely on external light (like headlights), LED signs generate their own light, making them consistently bright and noticeable day and night, and in adverse conditions such as fog, rain, or snow.
- **Increased Driver Awareness and Compliance:** The bright, and often flashing, LED lights grab driver's attention from a greater distance, prompting earlier reaction times and better compliance with traffic regulations (e.g., stop signs, pedestrian crossings).
- **Proven Accident Reduction:** Studies have shown that the installation of LED-enhanced signs at high-risk locations can lead to a significant reduction in crashes, such as right-angle collisions at intersections.

Endless Sign Options Available



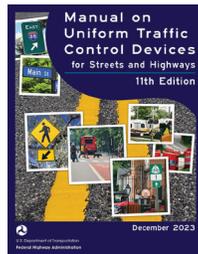
Regulatory Including

- Stop Signs
- Yield Signs
- Any sign to advise drivers of traffic laws they must follow.



Warning Including

- Pedestrian Crossing Signs
- Slippery Road Signs
- Any sign to alert drivers to potential hazards ahead.



MUTCD

SAWS offers any sign that conforms to MUTCD guidelines for LED enhanced signs.

Activation Options

- 24/7
- NIGHT RUN ONLY MANUAL ACTIVATION
- TIMER INITIATED
- RADAR ACTIVATED (WHERE APPROVED)

Operational and Economic Advantages

Energy Efficiency: LED technology consumes less electricity than conventional lighting, leading to energy cost savings.

Long Lifespan and Low Maintenance: LEDs have an exceptionally long operational lifespan, which translates to fewer replacements and lower maintenance costs over time.

Durable and Weatherproof Construction: These signs are built with rugged, corrosion-resistant materials designed to withstand harsh environmental conditions, ensuring reliable performance.



Other SAWS Systems Available:

- Permanent and Temporary Ingress/Egress Solutions
- Temporary Special Event Crosswalk & Pedestrian Solutions
- Wrong Way Systems
- Rural Bus Stop Alert Systems