Helios.

Solar-powered, off-grid signage from the Modulex eco-friendly product portfolio.

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Meet Helios.

Helios is an innovative, off-grid, solar-powered signage solution developed by Modulex. Designed to meet both sustainability and practical needs, it eliminates the reliance on traditional mains-powered illumination, cutting energy use and environmental impact.

Installing traditional illuminated signs often means tearing up landscaping, trenching for wiring, and dealing with costly electrical connections, not to mention the higher ongoing energy bills. In areas where power doesn't reach or where installation would be prohibitively expensive, Helios is a smarter choice. Running entirely on solar energy eliminates the need for wiring, reduces installation time and costs, and avoids unnecessary disruption to the environment.

Helios ensures your signage remains bold, bright, and visible, whether installed in remote trails, corporate campuses, or high-traffic urban spaces.

How Helios Works.

Helios is powered entirely by the sun. Each unit includes a discreet solar panel that charges a built-in battery during the day. The stored energy powers LED lighting at night to keep your signage visible–no wiring, no grid connection, no hassle.

› Key Benefits:

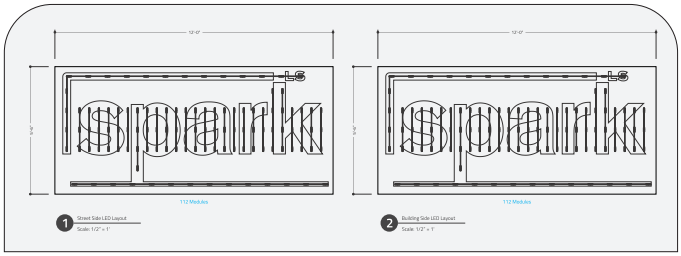
- **Solar-powered:** Charges during the day, lights up at night.
- **Battery backup:** Keeps signs illuminated for up to 72 hours, even in cloudy weather.
- **Smart lighting:** Automatically adjusts based on ambient light.
- **Weatherproof:** Built to withstand rain, snow, and extreme temperatures.
- **Plug-and-play:** Installs easily without the need for electrical infrastructure.

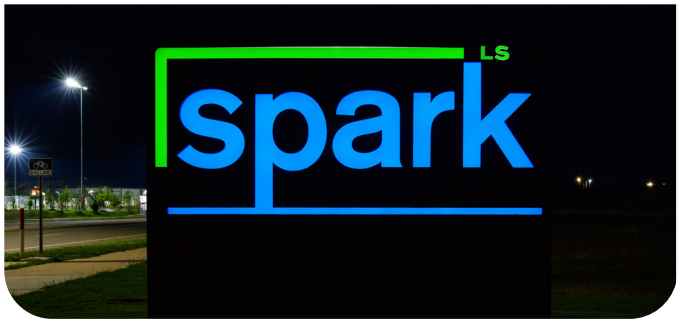
Why Choose Helios?

Helios takes a big step toward sustainability by utilising renewable solar energy, decreasing reliance on non-renewable energy sources. The absence of a need for connection to a mains power supply lowers the installation cost, making Helios a financially viable option for any company that wants to achieve its sustainability goals without incurring increasing costs.

› Key Benefits:

- **Eco-Friendly:** Reduces carbon footprint by using renewable energy.
- **Cost-Effective:** No ongoing electricity costs or complex cabling.
- **Easy Installation:** Plug-and-play design; can be retrofitted into existing signage.
- **Hassle-free:** no trenching, wiring, or landscaping damage; perfect for areas where power is hard to reach.
- **Reliable:** Maintenance-free once installed; performs in remote or off-grid locations.
- **Smart Monitoring:** Can be programmed and monitored remotely.





Helios isn't limited to standard dimensions. It can be tailored into fully custom or bespoke designs, giving you complete flexibility to align with your project's scale, architecture, and brand identity.

From compact directional signs to large-scale statement pieces, every custom build is engineered with the same precision, durability, and solar-powered performance that defines Helios.