



Solar for Schools

A Complete Guide

OVERVIEW

For all schools energy is essential. It matters not just *that* students and teachers have power, but where they get it from. Clean solar energy is an efficient and elegant way provide schools with power bringing immediate and long-term benefits to any campus.

Solar at school means cost savings through lower power bills and rebates, encourages sustainability on campus and in the community at large, provides educational opportunities and creates a welcoming environment encouraging enrollment.



WHAT TO KNOW

Energy and Sustainability

In the 2019 peer-reviewed article *Solar PV as a mitigation strategy for the US education sector*, published in *Environmental Research Letters*, it was found that:

taking advantage of all viable space for solar panels could allow schools to meet up to 75 percent of their electricity needs and reduce the education sector's carbon footprint by as much as 28 percent.

Meanwhile, Stanford University reports that:

the U.S. Department of Energy estimates K-12 school spend more than \$6 billion per year on energy, and energy costs in many districts are second only to salaries. In the higher education sector, yearly energy costs add up to more than \$14 billion.

Our GSX modules are made using *bifacial cells*, allowing the module to produce energy from both sides. Depending the reflectance of the surface below, you can expect to see

10% – 30% more energy production.

Using the best materials and construction methods, both our LSX & GSX modules can meet the *highest wind and snow loads* and are *easy to weatherproof*.

Solar and Shade

Lumos Solar products provide high performance sustainable energy and unique shade solutions creating hospitable spaces.



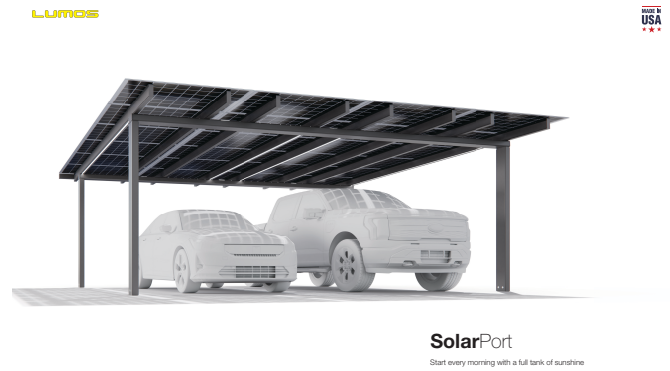
Our award winning designs are the most elegant and beautiful way to integrate renewable energy into any campus.

OUR SOLUTIONS

SolarZone



SolarPort



ClearSpan Module System



SolarScapes



OUR EXPERTISE

Lumos Solar has worked with more than 20 different schools around the world. Our projects are bringing clean power to:

California State University East Bay, Colorado College, CU Denver Anschutz, Grant High School, Harvard University, Hawaii Preparatory Academy, Lower Columbia College, Neocity Academy, Nueva High School, Okagan College, Palm Beach State College, San Diego State University, Stanford University, Tuskegee University, University of Alberta, University of California Davis, University of California Irvine, University of Hawaii, University of Kansas, University of Utah and Valencia College

Check out our Design Ideas for Solar-Powered Outdoor Spaces on Campuses



like this project at San Diego State University. Here are 10 of our favorites ideas.

Starting in 2024 we are offering special sales on **SolarZones** for schools!



Featured above: our **SolarZones** at Colorado State University.