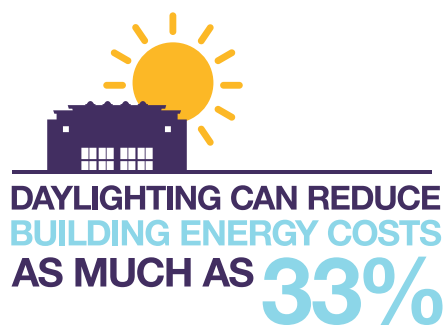


Daylighting Facts & Figures

Building Energy Efficiency

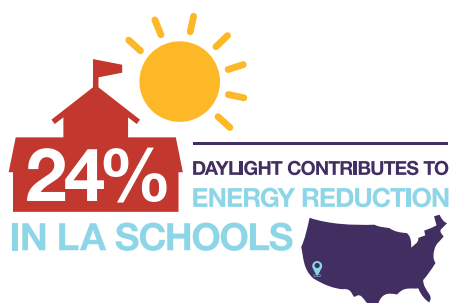


Daylighting is the controlled admission of natural light, direct sunlight, and diffused-skylight into a building to reduce electric lighting and saving energy. By providing a direct link to the dynamic and perpetually evolving patterns of outdoor illumination, daylighting helps create a visually stimulating and productive environment for building occupants, while reducing as much as one-third of total building energy costs.

Find out more: [Daylighting Explained - Southern California Edison](#)

Daylighting and lighting controls provide significant commercial benefits. Electric lighting comprises almost 25% of the total electricity used in buildings in the United States and buildings comprise over 75% of the total electricity used nationwide, so implementing ways to improve the performance of lighting control systems is a worthwhile endeavor.

Find out more: [Visual Comfort, Discomfort Glare, and Occupant Fenestration Control: Developing a Research Agenda](#)

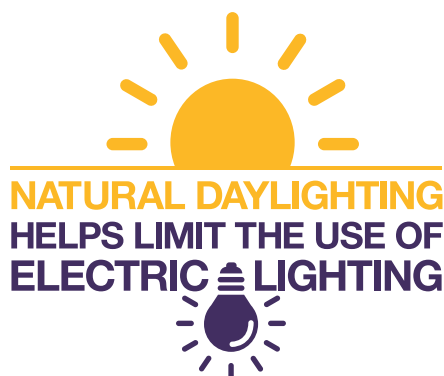


Daylighting contributes to energy reduction in Los Angeles schools. In a recent K-12 project with the Los Angeles Unified School District's Robert F. Kennedy Community Schools, incorporating high-efficiency equipment in the design of the central plant, thermal displacement in all classrooms and large occupant areas, and daylight harvesting controls allowed the entire complex to have 24% energy reduction versus the latest California energy codes.

Find out more: [School is in Session](#)

Solatube Featured Article: Artificial lighting cannot compare with the aesthetics and sustainable design of bright natural daylight in indoor gyms, sports arenas, and recreational spaces.

Find out more: [Setting the Natural Light "Gold Standard"](#)



The National Renewable Energy Laboratory's state-of-the-art cafeteria on the South Table Mountain campus in Golden, Colorado uses about 25% less energy than a cafeteria built to current commercial code. Energy efficiency features include daylighting, accompanied by tubular skylights, to help achieve uniform light distribution across the main dining area space to limit the use of electric lighting.

More Details: [Campus Cafeteria Serves As Sustainable Model for Energy Efficiency](#)