

Daylight Institute Series

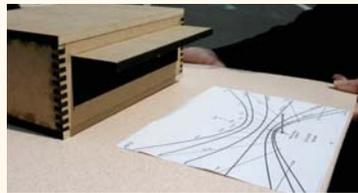
Daylighting is a key component of green building design and is essential for developing buildings with good energy performance and occupant satisfaction.

The LRC launched the Daylight Institute, a series of two-day seminars designed to educate architects, engineers, and other professionals looking to successfully incorporate improved daylighting techniques and daylight harvesting control systems into their building and lighting designs.

Day One

The first day, *Sustainable Daylighted Building Design*, helps architects to:

- Effectively design and evaluate options to improve daylight access and penetration in buildings; understand the impact of building site, building configuration, window and skylight configuration, materials, and glazing type on daylight penetration;
- Design effective sun control systems to minimize glare and heat gain in daylighted spaces;
- Understand the economic impacts of various daylighting options and analyze the impact on building costs, energy use, and indoor environmental quality;
- Objectively quantify the financial and human benefits of daylighting for building owners and developers; effectively communicate the value of daylighting to building owners, developers, and other decision-makers.



Sun path demonstration

Sponsors

Connecticut Energy Efficiency Fund
Connecticut Light & Power
Efficiency Vermont
New York State Energy Research and Development Authority
The United Illuminating Company



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Day Two

The second day, *Design and Specification of Daylight Harvesting Control Systems*, helps architects, engineers, and lighting designers to:

- Understand the issues involved in the successful integration of daylighting and electric lighting control systems;
- Design effective daylighting control systems for a variety of space types that will save energy, reduce peak electric demand, and provide positive benefits to building occupants and owners;
- Specify and select daylighting control products that will meet the objective of the daylighting design;
- Commission a daylighting control system so that it will operate effectively.



Daylighting controls simulator

The sessions take place throughout New York State, Connecticut, and Vermont. Participants earn six AIA Health, Safety, Welfare Learning Units (LUs/HSW) per day of the Institute.

Lighting
Research Center