



The American Institute of Architects
Continuing Education System

Provider Program Summary Handout
(Provider Point of Contact: Olena Zhurya, 803-396-5739)

AIA/CES Provider: VELUX America LLC

Program: Emerging Top Daylighting Strategies - Commercial

Credit: 1 LU/HSW

Program #:000310

Length: 1 hour

Description: Throughout this course on emerging top daylighting technologies and improved solutions, we will review the challenges within current daylight applications and focus on best application practices utilizing technological advancements with monument/architectural skylights, units' skylights, and tubular daylighting devices. In addition, this educational presentation will discuss the important benefits of essential energy codes and how to utilize these codes to produce energy efficient daylighting designs with aesthetically pleasing high quality spaces where people live, work and play.

Learning Objectives:

1. Review code approved daylight calculations to identify the correct skylight and spacing criteria for any top daylighting design. We will review the skylight to floor ratio (SFR) calculation, the Effective Aperture (AE) calculation, and the recommended spacing criteria for top daylighting designs.
2. Analyze how technological advancements within the monument/architectural metal frame skylight category has reduced service issues, provided labor-saving solutions, and better energy performance.
3. During this course, you will learn how technological advancements within the unit skylight category will further increase energy savings, increase interior aesthetics, reduce site-service issues, and influence top lighting designs.
4. Analyze how technological advancements within the tubular daylighting device category will improve energy savings, reduce labor cost

How Taught: The CES facilitator utilizes a PowerPoint presentation.

A/V Needed: Electrical power and a screen for the PowerPoint presentation. (The CES facilitator supplies the laptop and projector.)

Target Audience: Architects, specifiers, owners, and other design professionals. The ideal audience size can be one on one or over 50. This program meets every experience level with time designed into the program for questions and answers.

Facilitator Qualifications: All VELUX America Inc. CES facilitators have been trained on CES Guidelines and presentation skills.

Costs: There is no cost to bring this program into your firm or chapter meeting.