

PROGRAM SUMMARY

"DAYLIGHT HARVESTING"

HOW USING DAYLIGHT AS A PRIMARY SOURCE OF GENERAL ILLUMINATION CONTRIBUTES TO SUSTAINABLE DESIGN

PROGRAM DETAILS

GBCI Course Number: IA108A

Credits Offered: 1 AIA HSW / CE HOUR
& 1 GBCI CE Hour for LEED Professionals

Length: 60 min.

METHOD OF DELIVERY

This course is offered to architectural, specification, and design professionals in a lunch-and-learn classroom setting. Participants may also request an interactive virtual class.

COST TO PARTICIPANTS

This course is sponsored by the manufacturer and offered to specifiers and designers at no cost.

REGISTRATION INFORMATION

For more information, or to schedule this course, please contact:

David Keegan
Commercial Specification Manager,
A&I Manufacturing
dkeegan@a-imanufacturing.net
+1 (360) 805-8200

Or visit www.a-imanufacturing.net

COURSE DESCRIPTION

In this course, we will discuss the health and economic benefits of light harvesting. We will explore how natural daylight can reduce artificial lighting and influence thermal comfort. We will examine how solar window coverings and green fabrics can control light. Finally, we will review how window coverings can contribute to LEED v4 Daylighting credit.

LEARNING OBJECTIVES

- Identify the healthful, physiological, and economic benefits of light harvesting.
- Discuss how harvesting in sustainably designed buildings collects and utilizes natural daylight to reduce the need for energy-consuming artificial lighting.
- Explore interior solar window coverings and fabrics that best control light and thermal comfort to reduce the need for energy-consuming artificial lighting.
- Explain how automated window coverings, as compared with manual systems achieve greater light and energy savings and review how window coverings can contribute to LEED v4 Daylighting credit.

HIGHLIGHTS TO WATCH FOR



Challenges of daylight harvesting while regulating temperature and controlling cost



How daylight harvesting contributes to sustainable design and energy efficiency



Products that facilitate daylight harvesting in high-performance buildings



**Approved
Continuing
Education**



MEET YOUR INSTRUCTOR

David Keegan has been working with architects for over 20 years. As Commercial Specification Manager for A&I Manufacturing, Keegan focuses on nurturing A&I's relationship with architectural, specification, and design professionals, assisting them in understanding how our products can meet their needs in an array of commercial and residential environments.