



synergy



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Designing a Daylight System: Finding the Right Shading Solution

Credits: AIA Program #DDSS (1.0 LU/HSW) | USGBC Approved #0920012085 (1.0 GBCI CE Hours) | IDCEC (ASID/IIDA) Approved (0.1 CEU)

Description: Good daylighting design is critical to the performance of commercial buildings. Daylighting is particularly challenging due to the daily and seasonal variability. However, incorporating daylighting provides some enticing benefits, such as improved health and wellbeing, building aesthetics, energy savings, and building value. Choosing the right dynamic shading system is the key to achieving maximum daylight potential. This presentation will describe the important decisions when choosing a shading solution including control method, technology, and material properties. With this knowledge, you will be able to take full advantage of the available daylight to enhance building performance.



Learning Objectives

1. Understand the opportunities and obstacles presented by daylight
2. Identify how the various types of dynamic fenestration systems take advantage of daylighting potential
3. Understand how fabric properties affect daylighting performance and occupant comfort
4. Understand how daylighting design is enhanced through performance shading solutions