



The American Institute of Architects (AIA)  
Continuing Education System  
**Renlita Registered Provider Program Summary Handout**

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Provider: **Renlita**

AIA Course Number: **IRD08C**

Course Title: **Architectural Vertical Opening Solutions – Plus!**

Length: 1 **Hour**

Credits: 1 **AIA HSW CE Hours. 1 GBCI CE  
General Hour**

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### **Description**

In this course, we will discuss vertical operating systems to better understand their construction and the operating systems used in each type. Characteristics of various types of vertical operating systems will be presented as well as limitations to consider when specifying the right product for each unique project. An emphasis will be placed on safety features, the ease of operating the systems, and compliance to codes to ensure each product is performing effectively in a cost-effective manner that can be incorporated into the building structure of projects. Additionally, an array of applications will be demonstrated to showcase ways that vertical operating systems may provide an aesthetic solution that ultimately benefits the welfare of building occupants by bringing in elements of nature while contributing to sustainable initiatives.

### **Learning Objectives**

By completing this course, the design professional will be able to:

1. Compare and contrast various types of vertical operating systems as well as identify the advantages and disadvantages of each to reveal operational, maintenance, and safety features.
2. Explain how vertical operating systems interact with the building structure to utilize the design space more efficiently and reduce energy costs.
3. Determine how counterweight balance systems benefit users in terms of ease of operability as well as contribute to the welfare of occupants by allowing more natural daylighting into buildings.
4. Describe how vertical operating systems comply with required regulations, reduce material waste, and contribute to a sustainable design with LEED certification.

### **Method of Delivery**

The course is offered to design professionals in a lunch and learn classroom setting. The course is presented in PowerPoint.

### **Cost to Participants**

The course is sponsored by the manufacturer and is therefore offered to designers at no cost.

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**For more information or to schedule, please contact:**

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