



All ERCO CEU courses are available for AIA credit. All ERCO CEU facilitators have been trained on CEU guidelines and presentation skills. They receive continuous in-depth training in the field and are considered industry experts.

To schedule a CEU Presentation, please contact our office:

info.us@erco.com | 732 225 8856

Course Offerings	Length	Credits
<p>Understanding Lifetime and Quality of LED (20161A)</p> <p>The advance of LED technology opens up new opportunities for architects, lighting designers and engineers to realize sustainable design to a previously unattainable level, yet also raises questions like how to predict the lifetime performance of LED products and design under a variety of operating conditions.</p> <p>This presentation will explore different technical aspects of LED as an efficient light source; discuss lifetime, lumen maintenance (L and B values) and failure rate of LED; and conclude with examples showing how lumen maintenance relates to design practice.</p>	1 hour	1 LU
<p>Efficient Visual Comfort (201411A)</p> <p>Lighting requires energy. Everyone involved in an aspect of lighting - from the manufacturer to the designer and the user - should use the limited resources responsibly. Against the background of rising energy costs, architectural lighting has made enormous progress over the past few years and has already achieved a significant level of efficiency. Efficient visual comfort means steadily improving both the energy efficiency and the light quality - through innovative technical and design-oriented approaches. Investment in light quality is beneficial from both an economical and an ecological point of view. To understand the importance of efficient visual comfort by applying in practice intelligent designs and high-quality lighting tools, ensures lighting solutions that reduce operating costs while meeting all the aesthetic, functional and ecological requirements, which are our future needs.</p>	1 hour	1 LU
<p>LED Lighting in the Architectural Environment (201411B)</p> <p>From hopeful candidate to practical alternative: the use of LEDs as a light source in architectural lighting is no longer just as a colored effect light or orientation luminaire, but as accent lighting and ambient lighting, right through to high-quality wallwashing. It is at such times of change that there is a rise in the request for bona fide information, e.g. what are the specific properties of LEDs for architectural lighting? What are their advantages compared with conventional lamps? How do LED lighting tools operate? What factors govern their efficiency in practical applications? What design possibilities do LED luminaires and to what extent does this alter design processes and cause paradigm changes? These and other questions are dealt with in this presentation.</p>	1 hour	1 LU
<p>LED Lighting and the Museum Environment (201411C)</p> <p>"Museum quality" light is seen as the ultimate yardstick amongst lighting designers. LED technology is of particular interest here as it combines the qualities of the already widely used low-voltage halogen lamps, such as dimmability and excellent color rendition, with an energy efficiency previously only known from fluorescent lamps or high-pressure lamps. But it outperforms these in terms of life and caters to the conservators' wishes of UV and IR-free light.</p>	1 hour	1 LU