



**SOURCE**

lighting education center

**ONLINE**

## **Class Schedule**

**July 1 - July 29, 2021**

**40 Live Webinars**

**100+ Courses on Demand**



# Cooper Lighting Solutions welcomes you to experience their online lighting education and product demonstration center, **SOURCE Online.**



SOURCE Online offers a variety of controls and lighting education courses which are both product specific or general education. There are also several weekly offerings of AIA-approved courses which fulfil the requirements of several professional organizations continuing education needs. The "AIA Continuing Education Provider" icon identifies eligible classes. **There is no charge for these online courses.**



## Registering for a course is simple

### Join a Session:

1. Click on the desired course on the calendar.
2. Enter your e-mail and password for your Blue Volt account (you will set this up if you are a first time user).
3. On the course page click **Enroll**. If you have taken the course multiple times click on **Show Other Schedules** to select the date of the course you desire.
4. Click **LAUNCH** at the bottom of the page if it is time for the course / or you will receive an e-mail with a link confirming your registration.
5. You can return to the course page at the conclusion of the course and download your certificate.

**Note:** You may use your certificate for self-reporting participation or CEU hours to professional organizations. If you are an AIA member we will report your participation electronically.

**Registration Tutorial** [click here](#)

June 2021

July 2021

Monday

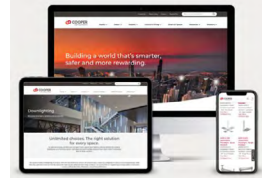
Tuesday

Wednesday

1

Thursday

11 AM



## Cooper Lighting Solutions New Website Overview

SCLWT

Steve Guarracino

Learn about Cooper Lighting Solutions' new website. Key features of the new site include a fully responsive experience for desktop, tablet and mobile; comprehensive family product and catalog data; and a new resource center to find a centralized library of inspirational product photography and documents.

1 PM



## CEU: Fundamentals of Lighting

SCF

Mario Romero

This lighting fundamentals course includes a light, sight and color overview as well as describes lighting terminology, LED fundamentals and color rendition basics and TM30. This course is intended for those that are new to lighting or someone who desires a refresher.

AIA: 1 LU/HSW

Instructions for joining a session. [Click Here.](#) Note: All times are Eastern Standard Time

CLASS  
LEGEND

**Product Minutes**  
30 minutes with product team

**Lighting Product  
and Application**

**Controls Product  
and Application**

General Education

CEU hour





July 2021

5  
Monday

6  
Tuesday

7  
Wednesday

8  
Thursday

11 AM

**ON DEMAND CLASSES**

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**RTLS in the Lighting World**

**SRTLS**

Mario Romero

This presentation includes the bridge between lighting and IoT technologies, including lighting as a service in the RTLS world. It will give you a better understanding of how the lighting and controls design will allow the integration of Real Time Location Services in facilities without additional infrastructure.



**LED 101**

**LED**

Mario Romero

A comprehensive overview to general understanding of LED technology its evolution, creation process, basic terminology color composition and the future of LEDs. MacAdams steps, binning, LED packages and types, LM79, LM80 and TM21, and TM-30 will be discussed.



**HALO Home Downlighting Color and Scene Selection**

**SHH**

Mario Romero

The HALO Home Smart Lighting System offers a convenient way to control your home's lights with the flexibility of individual room control to whole-home control. Using the HALO Home Smart Lighting System, easily configure home lighting via Bluetooth connection using any smart device; no internet or hub required.

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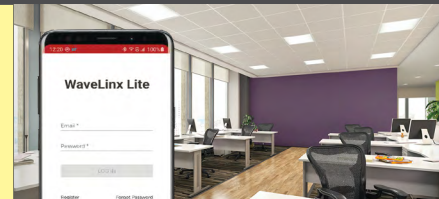


**Greengate/ Room Controller**

**SGGRC**

Chase Reeder

Overview of Greengate product line and components, which includes a Room Controller overview. The Room Controller System provides energy compliant lighting, plug and emergency control capabilities that allow for out-of-the-box functionality in virtually any space.

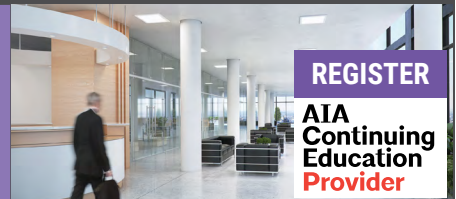


**WaveLinX Lite**

**SWLL**

Chase Reeder

In this course, we will explore WaveLinX Lite and its simplicity, which builds upon familiar motion sensor solutions. We will delve into the convenience of on-site system set-up utilizing a personal mobile device: no IT network or support required. WaveLinX Lite provides intuitive and flexible commissioning that puts more control in the hands of installers and building managers, showcasing it as a preferred alternative to complex lighting controls solutions. We will discuss the integrated wireless occupancy and daylight sensors contained in WaveLinX Lite that trigger additional utility incentives for smart controls...[Read More](#)



**CEU: Improve Energy Efficiency with Addressable Lighting Controls**

**EEC2**

Chase Reeder

This AIA certified course explores the ways in which an addressable lighting control system and a digital addressable lighting interface (DALI) system can improve the overall energy efficiency of a lighting system. People living and working in building environments report higher ratings of lighting quality, overall environmental satisfaction, and self-rated productivity. People with dimming control showed more sustained motivation, and improved performance on a measure of attention. [Read More](#)

**AIA: 1 LU/HSW**

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**CLASS  
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30 minutes with product team

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and Application**

**Controls Product  
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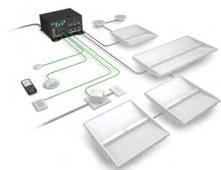
**General Education**

**CEU hour**



July 2021

12  
Monday

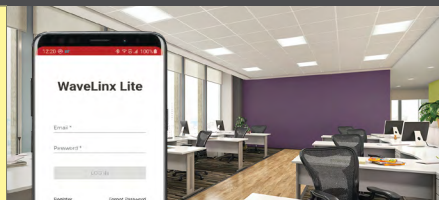


### DLVP Overview

**SDLVP** Chase Reeder

Overview of the Distributed Low Voltage Power System's concept, products and installation. DLVP simplifies system installation and reduces installed system cost by changing the typical power structure of the LED lighting and controls.

13  
Tuesday



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14  
Wednesday



### Exterior Product Overview

**SEO** Steve Guarracino

A thorough overview of the LED exterior market including area sight, parking garage and floodlight fixture solutions. Participants will gain a detailed understanding of the importance of optical distribution and uniformity as it relates to various exterior applications. This presentation will also contain a discussion regarding the impacts of various light control accessories such as house side shields and glare shields.

15  
Thursday



### WaveLinX/ Trellix

**SWAT** Chase Reeder

Overview of WaveLinX and the Trellix connected lighting platform. This includes a live Trellix software demonstration showcasing the system's capabilities to collect valuable data.

11 AM

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### McGraw-Edison Outdoor Specification Lighting

**SME** Travis Johnson

Travis Johnson, marketing manager of McGraw-Edison, discusses recent product introductions and new features, offering a general overview of the brand. From the recently upgraded TopTier parking garage luminaire, to new accessories and controls, a few key topics relevant to the outdoor specification market will be reviewed.



### Shaper Sense

**PBSS** Sohana Arni

The presentation relates to why the lighting industry has pivoted into acoustic and lighting integrated products. What are the applications for Shaper Sense, the features benefits and why the partnership with FilzFelt happened. Attendees will develop a basic understanding of accoustics vocabulary.



### CEU: Intro to Controls

**SIC** Chase Reeder

Introduction to energy code legislation, controls terminology and methodologies. This course also offers a brief look at how the systems work and the various technologies being offered.

**AIA CES: 1 LU|HSW**



### CEU: Principles of UV and its use as a Germicidal

**UVG1** Steve Guarracino

This presentation will cover the three types of ultra violet and levels of germicidal properties and capabilities. The history of the use of various UV lamp sources will be explored as well as the risks associated. UVC will be specifically discussed as a germicidal.

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July 2021

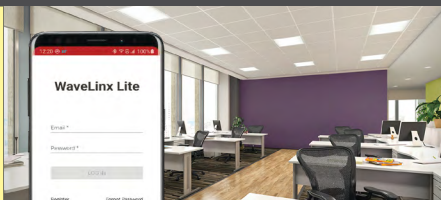
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### Practical Applications of TM21

**SGTM21**

Steve Guarracino

A detailed technical discussion of LED concepts including TM21, LM79, and LM80. During this presentation participants will gain a deeper understanding of luminaire testing, drive current, impacts of ambient temperature, and light loss factor as it relates to a manufacturer specification sheet and how to interpret that data.



### Greengate/ Room Controller

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Chase Reeder

Overview of Greengate product line and components, which includes a Room Controller overview. The Room Controller System provides energy compliant lighting, plug and emergency control capabilities that allow for out-of-the-box functionality in virtually any space.



### Lighting Using Augmented Reality; Light ARchitect™ App

**LLA**

Nishad Chikhliker

Light ARchitect™ App: Visualize and Configure Lighting Fixtures in Your Space Using Augmented Reality. Learn how Cooper Lighting Solutions is the first major lighting manufacturer to launch an augmented reality app for mobile devices that enables the visualization of lighting fixtures in any space. You will learn how the app works, its state-of-the-art features, and how it can help you grow your business.

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### LED Industrial Overview

**SIO**

Steve Guarracino

An in-depth overview of the LED industrial market and fixture solutions. Attendees will build an understanding of performance and applications as it relates to fixture form factor, optics, horizontal vs. vertical footcandles, wireless controls, and available sales tools and programs offered by Cooper Lighting Solutions for the industrial market.



### CEU: Bridging Technology to Application with LEDs

**BRTECH**

Rick Gottlieb

Today's lighting sources are very different from just a few years ago. Today's LEDs can do everything conventional light sources did in the past and even more. When we light with LED it is important that we are cognizant of what will happen to the LED output over time. In many instances certain light levels must be maintained for safety and security. In this presentation we explore physics of the LED and explain that unlike traditional light sources that fail to off at the end of their lives...[Read More](#)

**AIA CES: 1 LU/HSW**



### ENERGY STAR®

**ES**

Christine Habicht

An overview of the ENERGY STAR® program including the program benefits and relevance to the lighting industry. We will present the technical requirements for LED fixtures and lamps, ENERGY STAR® resources to help drive sales, review ENERGY STAR® qualified products and how to tie in ENERGY STAR® marketing and utility incentives where available. ENERGY STAR® is a recognized brand by consumers that represents quality and performance.



### Introduction to Sports Lighting

**SL11**

Walt Owens

This presentation will introduce the audience to the unique features of sports lighting. It will address the different requirements for players, broadcasters and spectators. In addition it will cover the different requirements between each sport and each class of play.

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Lighting Solutions



July 2021

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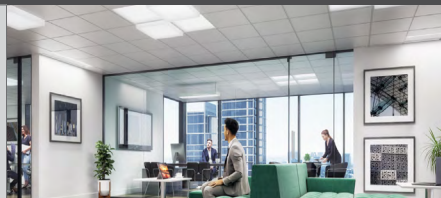
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### GUV Product Overview

<b>PGUV</b>	Steve Guarracino
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An overview of the product offering for Failsafe GUV products. These germicidal products are to be used in various applications for cleaning and sanitizing surfaces, air and items when there is no one present.



### LED Optical Advantage

<b>SOA</b>	Steve Guarracino
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A detailed technical discussion of the optical advantages of LED fixtures. Participants will gain an understanding of the critical nature of optics and light control as it relates to replacing an existing HID fixture or crossing over an LED fixture. LEDs performance including cut off can be enhanced by the optics of the fixture.

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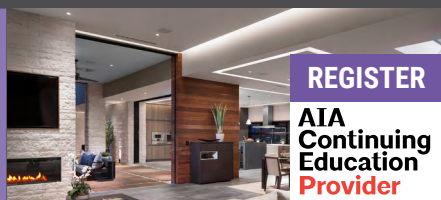


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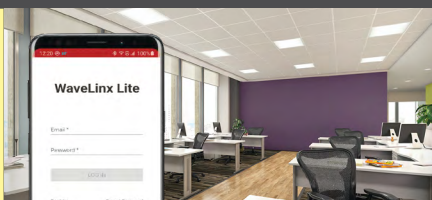
### CEU: LED Megatrend

<b>LEDMT</b>	Mario Romero
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This course takes a closer look at the current LED megatrend and explores the opportunities that new integrated LED luminaires are creating in terms of the energy savings, code compliance, and asset management that are now possible with a lighting system. **Read More**

**Prerequisite Knowledge:**  
Basic Lighting Terminology and Fundamentals

**AIA CES: 1 LU/HSW**



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<b>SWLL</b>	Chase Reeder
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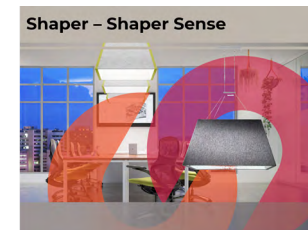
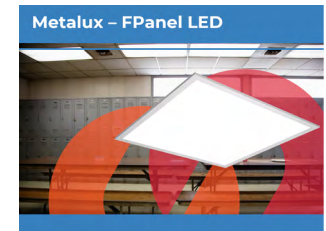
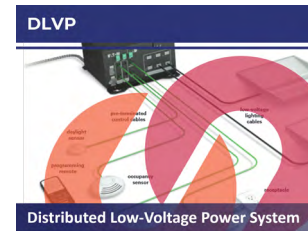


# On Demand Lighting and Controls Product Application Overviews

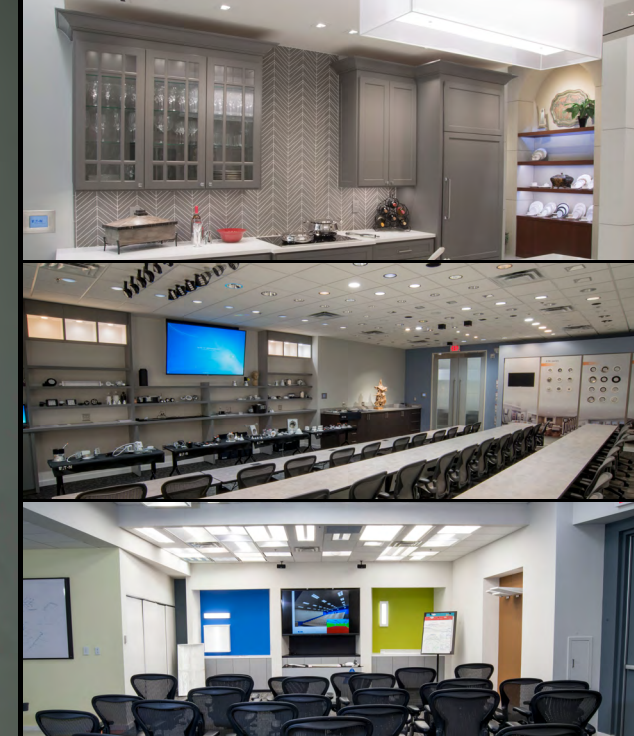
Education and product overviews when you demand it!

Cooper Lighting Solutions offers a library of more than 100 lighting and controls courses. All titles are accessible 24/7 at no charge.

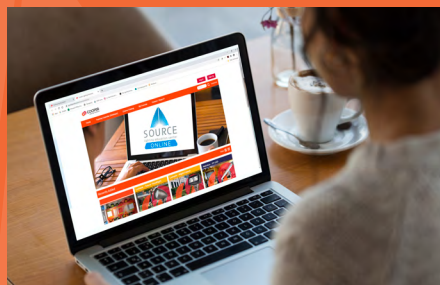
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