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Course Title	Presented Through	Course Code	Primary Course Category	Course Designation	Type of Presentation Delivery	Course Description	Learning Level	Course Length (LU Hr)	Provider name and number	Expiry Date	Use of Course	Website (Provider)	AIA Approved	For single-sessions, please click this link to request presentation slot:	If interested in more than one session, please choose below, save document and send to teams@gslightinggroup.ca
Nourish Natural Healing Capacities with Vara Kamin's Impression of Light Images	NewStar Lighting	AIA: SIGN-UP SHEET IDCEC: 110539	Design Specialties - Decorative Arts	Health, Safety, Welfare (HSW)	Virtual (until further notice)	Curate a calming environment that directly supports positive behavioral outcomes for patients, caregivers, and staff. VKI Images are intended for Adult/Pediatric Inpatient & Outpatient Clinical Care Settings, Pre and Post Sedation Rooms, Diagnostic and Treatment Radiology Suites, Emergency Department Exam and Holding Rooms, Family Grief Rooms, Meditation Chapels, Wellness Centers and Medi-Spas, Specialty Dental Operatories, as well as Corporate and Educational Applications.	Basic	1.00	Vara Kamin Images	1/30/2022	Ongoing	http://varakamin.com	Yes	VKI CEU - Sign-up now	<input type="checkbox"/> Sign-up - Individual <input type="checkbox"/> Sign-up - Group
The Truth About Circadian Lighting	Zaniboni Lighting	AIA: BIOSCES101 IDCEC: CEU-114049	Technical Knowledge - Future Issues	Health, Safety, Welfare (HSW)	Virtual (until further notice)	Industry trends are going towards color tuning lights for circadian regulation. However, few truly understand the science behind it. This session will use peer-reviewed papers to tell an easy to understand story that explains what should be expected from circadian lighting and what are the important design consideration needed to properly address circadian lighting. This session is designed to give designers and architects the high-level knowledge needed to communicate the importance of circadian lighting and its benefits to clients. This session will also give some insight into blue light hazard and what you need to know about it.	Intermediate	1.00	BIOS Lighting	8/1/2022	Ongoing	https://bioslighting.com/	Yes	BIOS Lighting CEU - Sign-up now	<input type="checkbox"/> Sign-up - Individual <input type="checkbox"/> Sign-up - Group
Acoustics and Noise Reduction	Metalumen Manufacturing	AIA: 1012018 IDCEC: CEU-107013-R1	Technical Knowledge - Acoustics	Health, Safety, Welfare (HSW)	Virtual (until further notice)	This seminar will familiarize specifiers with the way sounds affect us and how excess noise is detrimental to a healthy and productive environment. We will review remedies for existing spaces and how to design new interiors with sound absorbing materials in mind. We will also cover the new LEED v4 minimum requirements for acoustic performance as well as review application and design capabilities.	Basic	1.00	Ayrsonics	8-1-2022	Ongoing	http://www.ezobord.com	Yes	Acoustics CEU - Sign-up now	<input type="checkbox"/> Sign-up - Individual <input type="checkbox"/> Sign-up - Group
Landscape Lighting Artistry with LEDs	WAC Lighting	AIA: WAC-LL1 IDCEC: CEU-113116	Technical Knowledge - Lighting	Health, Safety, Welfare (HSW)	Virtual (until further notice)	The course features a quick review of LED metrics and how those are applied to landscape lighting design. Which will lead to their importance when applied with natural material as the subject target. Techniques for a layered lighting approach will be reviewed with a focus on lighting effects while keeping security in mind. Installation considerations will also be addressed such as, maintenance, low and line voltage features, along with environmental choices and challenges that are all a part of the selection process.	Intermediate	2.00	WAC Lighting	No expiry	Ongoing	http://www.wac-lighting.com/	Yes	Landscape Lighting CEU - Sign-up now	<input type="checkbox"/> Sign-up - Individual <input type="checkbox"/> Sign-up - Group
CCT and Color Metrics	Progress Lighting	AIA: SIGN-UP SHEET IDCEC: CEU-114499	Technical Knowledge - Design Specialties	General	Virtual (until further notice)	Course will take an in-depth approach to explain and demonstrate the various means of tuning white light. Discussion includes key lighting terminology, such as correlated color temperature (CCT), color rendering index (CRI), spectral power distribution, and tunable white. Course will provide specific examples of the various ways white light can be controlled, while providing a hands-on approach to understanding the affect as it relates to lighting in today's ever-changing world.	Intermediate	1.00	Hubbell Lighting - Progress Lighting	No expiry	Ongoing	https://www.progresslighting.com	Yes	CCT & Color CEU - Sign-up now	<input type="checkbox"/> Sign-up - Individual <input type="checkbox"/> Sign-up - Group

Downlighting for Architectural Applications	Hubbell Lighting Canada	AIA: ACES 13 IDCEC: SELF-REPORT NON-IDCEC	Technical Knowledge - Lighting	General	Virtual (until further notice)	This course will cover the evolution, construction and optical performance of various recessed downlights. It will also cover their application and how this may affect the visual comfort and user experience within a space. It also introduces how they may be applied in human centric lighting applications.	Basic	1.00	Hubbell Lighting - Prescolite	No expiry	Ongoing	https://www.hubbell.com/prescolite/en	Yes	Architectural Downlighting CEU - Sign-up now	<input type="checkbox"/> Sign-up - Individual <input type="checkbox"/> Sign-up - Group
Fundamentals of Lighting	Hubbell Lighting Canada	AIA: ACES 01 IDCEC: SELF-REPORT NON-IDCEC	Technical Knowledge - Lighting	General	Virtual (until further notice)	This course provides an overview of the fundamental principles of lighting and introduces today's latest advancements in lighting technology. Topics covered include general lighting terminology, lamps and ballasts, solid-state lighting technology, light, vision, and color, optical control, and basic application principles.	Basic	1.00	Hubbell Lighting	No expiry	Ongoing	https://www.hubbell.com/hubbellightingci/en/	Yes	Fundamentals CEU - Sign-up now	<input type="checkbox"/> Sign-up - Individual <input type="checkbox"/> Sign-up - Group
The Effects of Blue Light	Hubbell Lighting Canada	AIA: ACES 09 IDCEC: SELF-REPORT NON-IDCEC	Technical Knowledge - Lighting	General	Virtual (until further notice)	The Effects of Blue Light: Fact or Fiction is an introductory course related to blue light and its effect on sight, the human body, food, and pharmaceuticals. This course will explain the factual information and data that have been collected about blue light. It will also address some of the myths and effects yet to be scientifically proven. The goal of this class is to help those participating understand how to discuss blue light, its effects, and properly apply it in lighting design.	Basic	1.00	Hubbell Lighting	No expiry	Ongoing	https://www.hubbell.com/hubbellightingci/en/	Yes	Blue Light CEU - Sign-up now	<input type="checkbox"/> Sign-up - Individual <input type="checkbox"/> Sign-up - Group
Distributed Lighting Controls - Demystifying Advanced Technologies & Code Compliance	Hubbell Lighting Canada	AIA: J239 IDCEC: SELF-REPORT NON-IDCEC	Technical Knowledge - Lighting	General	Virtual (until further notice)	Lighting Controls are viewed by many as complex and complicated. Advancements in lighting control technologies as well as new regulatory requirements have increased this perception of lighting controls. This course will present core lighting control technologies and strategies such as time base scheduling, task tuning, occupancy vs. vacancy, daylight harvesting, and the integration of control technologies to provide a whole solution for today's codes.	Intermediate	1.00	Hubbell Control Solutions	No expiry	Ongoing	https://www.hubbell.com/hubbellcontrolsolutions/en	Yes	Demystifying Advanced Technologies; Controls and Codes CEU - Sign-up now	<input type="checkbox"/> Sign-up - Individual <input type="checkbox"/> Sign-up - Group
LED for Roadway, Area and Parking Garage Facilities	Hubbell Lighting Canada	AIA: LED400 IDCEC: SELF-REPORT NON-IDCEC	Technical Knowledge - Lighting	General	Virtual (until further notice)	The use of LEDs in outdoor applications continues to grow at a fast pace. Traditional lamp sources have widely been used in roadway, area and parking facility applications, but LEDs offer new way to meet challenges existing for these applications. This seminar will discuss the significance of choosing LEDs for these applications taking an in-depth look into scotopic/photopic (S/P) ratio modifiers, task efficiency, and controls.	Basic	1.00	Hubbell Lighting	No expiry	Ongoing	https://www.hubbell.com/hubbellightingci/en	Yes	LED for Roadway CEU - Sign-up now	<input type="checkbox"/> Sign-up - Individual <input type="checkbox"/> Sign-up - Group
Information Technology & Lighting Convergence - Now and Future Possibilities	Hubbell Lighting Canada	AIA: LSCLED02 IDCEC: SELF-REPORT NON-IDCEC	Technical Knowledge - Future Issues	General	Virtual (until further notice)	Most are used to thinking of luminaires as simply a source of light. Lighting the incandescent bulb is heating the filament until it glowed. Today the LED luminaire is actually a complex electronic circuit with the LED itself being a discrete electronic component that outputs light. The circuits making up the LED luminaires of today have far more in common with the circuits in your PC than the incandescent luminaires. The possibility to do more than simply emit light but also send and receive data is exciting the industry. You may have heard words like IoT, PoE, Bluetooth, the Cloud normally used in the IT world now being used when talking about lighting. This session will try to demystify those and other words you are hearing, tell you where the industry is now in a practical sense, and give some possible roadmaps of where the industry could go including bumps in the road to think about.	Advanced	1.00	Hubbell Lighting	No expiry	Ongoing	https://www.hubbell.com/hubbellightingci/en/	Yes	Info Tech & Lighting CEU - Sign-up now	<input type="checkbox"/> Sign-up - Individual <input type="checkbox"/> Sign-up - Group
Lighting Design for Interior Spaces	Hubbell Lighting Canada	AIA: ACES06 IDCEC: SELF-REPORT NON-IDCEC	Technical Knowledge - Lighting	General	Virtual (until further notice)	Lighting Design for Indoor Spaces is an introductory course that introduces lighting styles, fixture types, and controls, while demonstrating the best practices for lighting in various applications.	Basic	1.00	Hubbell Lighting	No expiry	Ongoing	https://www.hubbell.com/hubbellightingci/en/	Yes	Lighting for Interiors CEU - Sign-up now	<input type="checkbox"/> Sign-up - Individual <input type="checkbox"/> Sign-up - Group

Lighting Design for Exterior Spaces	Hubbell Lighting Canada	AIA: ACES05 IDCEC: SELF-REPORT NON-IDCEC	Technical Knowledge - Lighting	General	Virtual (until further notice)	This course provides an overview and description of terms and best lighting practices for outdoor lighting. Topics covered include lighting distributions, photometrics, outdoor controls, and application lighting recommendations.	Basic	1.00	Hubbell Lighting	No expiry	Ongoing	https://www.hubbell.com/hubbellightingci/en/	Yes	Lighting for Exteriors CEU - Sign-up now	<input type="checkbox"/> Sign-up - Individual <input type="checkbox"/> Sign-up - Group
Power over Ethernet	Hubbell Lighting Canada	AIA: ACES11 IDCEC: SELF-REPORT NON-IDCEC	Technical Knowledge - Lighting	General	Virtual (until further notice)	This session will give an overview of lighting within the PoE landscape, how PoE lighting works within the IEEE 802.3 Ethernet standard, and some NEC and UL considerations with PoE. Finally we will discuss how PoE can lay the wired foundation of the possibilities of the Internet of Things (IoT) and where it can help take us in the future.	Advanced	1.00	Hubbell Control Solutions	No expiry	Ongoing	https://www.hubbell.com/hubbellcontrolsolutions/en/	Yes	PoE CEU - Sign-up now	<input type="checkbox"/> Sign-up - Individual <input type="checkbox"/> Sign-up - Group
Visible Light Disinfection	Hubbell Lighting Canada	AIA: ACES12 IDCEC: SELF-REPORT NON-IDCEC	Technical Knowledge - Lighting	Health, Safety, Welfare (HSW)	Virtual (until further notice)	Decades of research and history demonstrate that UV light can be highly effective at inactivating pathogens...but is it safe? Properly applied, UV light disinfection can balance safety with pathogen reduction. This course provides information that can clarify much about Ultraviolet Light and its ability to be part of a disinfection and sterilization protocol against viruses and bacteria.	Basic	1.00	Hubbell Lighting	No expiry	Ongoing	https://www.hubbell.com/hubbellightingci/en/	Yes	Visible Light Disinfection CEU - Sign-up now	<input type="checkbox"/> Sign-up - Individual <input type="checkbox"/> Sign-up - Group
Lighting Controls for Energy Codes	Hubbell Lighting Canada	AIA: ACES03 IDCEC: SELF-REPORT NON-IDCEC	Technical Knowledge - Lighting	Health, Safety, Welfare (HSW)	Virtual (until further notice)	A good lighting design includes a good controls design. Lighting controls play a critical role in lighting systems to satisfy user visual needs; reduce energy costs and create the desired safe, sustainable and optimal lighting for a space. Introduction to Lighting Control provides an overview of the basic functionality of today's lighting controls, benefits, energy codes and strategies, and best practices for specifying an appropriate lighting control strategy.	Intermediate	1.00	Hubbell Control Solutions	No expiry	Ongoing	https://www.hubbell.com/hubbellcontrolsolutions/en/	Yes	Controls for Energy Codes CEU - Sign-up now	<input type="checkbox"/> Sign-up - Individual <input type="checkbox"/> Sign-up - Group
Light & Color of LEDs	GE Current, a Daintree Company	AIA: CURAIA20LC IDCEC: SELF-REPORT	Technical Knowledge - Lighting	Health, Safety, Welfare (HSW)	Virtual (until further notice)	Our eyes can play tricks on us when it comes to color and how the eyes adapt. Lighting designs are affected, positively and negatively, by this. Understanding basic vision science, and how the eye perceives colors of objects and the environment, are important elements in design considerations. Comprehending color metrics that are used with conventional and LED sources will allow for a more thoughtful technical and artistic approach to the design.	Intermediate	1.00	GE Current, a Daintree Company (40107434)	No expiry	Registration only: September 16, 2021 @ 2:00PM EST	https://www.gecurrent.com	Yes	Light and Color CEU - Sign-up now	<input type="checkbox"/> Sign-up - Individual <input type="checkbox"/> Sign-up - Group
Industrial Lighting & Controls	GE Current, a Daintree Company	AIA: CURAIA20ILC IDCEC: SELF-REPORT NON-IDCEC	Technical Knowledge - Lighting	Health, Safety, Welfare (HSW)	Virtual (until further notice)	This course discusses how the Industry movement is accelerating that change and expanding the purview of LED lighting systems to include connected controls, smart sensors & IoT solutions. Guidelines for light levels and lighting quality for various types of manufacturing facilities, based upon the recommendations of the IES (Illuminating Engineering Society), will be reviewed. Specific design considerations for applications such as hazardous environments, food processing, extreme ambient temperature ranges, and inspection lighting will also be discussed. Participants will learn how to evaluate LED systems versus non-LED systems based on lighting quality, quantity, economics, and other performance metrics for an industrial environment.	Intermediate	1.00	GE Current, a Daintree Company (40107434)	No expiry	Registration only: October 14, 2021 @ 2:00PM EST	https://www.gecurrent.com	Yes	Industrial Lighting CEU - Sign-up now	<input type="checkbox"/> Sign-up - Individual <input type="checkbox"/> Sign-up - Group

Lighting for Retail Spaces	GE Current, a Daintree Company	AIA: CURAIA21RL IDCEC: SELF-REPORT	Technical Knowledge - Lighting	Health, Safety, Welfare (HSW)	Virtual (until further notice)	Retail Lighting serves many functions. Key aspects of the ANSI/IES RP-2-20, IES RP-10-20 & DOE resources will be explored, with a focus on the Three 'A's' of retail lighting, which are: <ul style="list-style-type: none"> • Atmosphere: Enhancing the store's brand and image and providing a successful customer experience • Attraction/Accenting: Enticing and guiding customers to and throughout the space. • Appraisal: Providing effective point-of-sale evaluations to result in a sale. Understanding and complying with Lighting Energy Codes (ASHRAE and IECC). Layers of lighting in a retail environment, along with the latest in lighting technology. Lighting controls and the IoT in retail lighting. 	Basic	1.00	GE Current, a Daintree Company (40107434)	No expiry	Registration only: December 9, 2021 @ 2:00PM EST	https://www.gecurrent.com	Yes	Lighting for Retail CEU - Sign-up now	<input type="checkbox"/> Sign-up - Individual <input type="checkbox"/> Sign-up - Group
LED Lighting Controls	GE Current, a Daintree Company	AIA: CURAIA20LLC IDCEC: SELF-REPORT NON-IDCEC	Technical Knowledge - Lighting	Health, Safety, Welfare (HSW)	Virtual (until further notice)	In this course we'll explore the addition of sensors and control technologies enabling LED lighting to become an all-sensing network compiling data and adding analytics and insights required to drive additional productivity and efficiency. We'll also look at energy management system that integrates data from the connected network with a building's vital systems - such as HVAC, lighting, and refrigeration - to deliver data intelligence and that can respond accordingly through controls in real time, enhancing long-term energy savings. Some systems are open platform that ensures limitless software and services opportunities through diverse partner ecosystems. This results in greater efficiency and productivity in commercial office and industrial settings and new revenue streams.	Basic	1.00	GE Current, a Daintree Company (40107434)	No expiry	Ongoing	https://www.gecurrent.com	Yes	LED Lighting Controls CEU - Sign-up now	<input type="checkbox"/> Sign-up - Individual <input type="checkbox"/> Sign-up - Group
LED Disinfection Lighting	GE Current, a Daintree Company	AIA: CURAIA21DL IDCEC: SELF-REPORT NON-IDCEC	Technical Knowledge - Lighting	Health, Safety, Welfare (HSW)	Virtual (until further notice)	This LED Disinfection Lighting course is designed to provide you with an improved understanding of why disinfection lighting technology is a useful tool in reducing pathogens, how to compare different types of disinfection technology, and a summary of the international testing standard for Photobiological Safety of Lamps and Lamp Systems.	Intermediate	1.00	GE Current, a Daintree Company (40107434)	No expiry	Registration only: November 4, 2021 @ 2:00PM EST	https://www.gecurrent.com	Yes	LED Disinfection Lighting CEU - Sign-up now	<input type="checkbox"/> Sign-up - Individual <input type="checkbox"/> Sign-up - Group
LED Life Specifications Explained	GE Current, a Daintree Company	AIA: CURAIA21LLS IDCEC: SELF-REPORT NON-IDCEC	Technical Knowledge - Lighting	Health, Safety, Welfare (HSW)	Virtual (until further notice)	Life ratings for SSL devices are often boiled down to a lumen maintenance (L70) level at a defined time. This specification applies only to the LED's as measured by the chip's manufacturer. This seminar will explore IES TM21 and explain how LED chip manufacturers generate life ratings. We will also ask the question, is there more to an LED lamp or luminaire life rating than only considering the chips themselves? Three other IES standards will also be looked at briefly in this training: LM80, LM79 and LM84. Product reliability is of great interest. The presentation will end with an exploration of Accelerated Stress Testing as a way the industry is addressing the shortfall of using only chip data to represent lamp and luminaire life ratings.	Intermediate	1.00	GE Current, a Daintree Company (40107434)	No expiry	Registration only: September 30, 2021 @ 2:00PM EST	https://www.gecurrent.com	Yes	LED Life Spec Explained CEU - Sign-up now	<input type="checkbox"/> Sign-up - Individual <input type="checkbox"/> Sign-up - Group