



The American Institute of Architects
 Continuing Education Systems
 AIA/CES Registered Provider Program Summary

Provider:	a•light	Length:	1 Hour
Program #:	ALI202	Credits:	1 LU Hour
Program:	T5 Fluoresustainability	HSW: Yes	SD: Yes

Description: This program will review the T5 fluorescent lamp (often ostracized for its brightness) and show its capability as compared to the T8, when properly controlled and applied in the architectural environment, to achieve comfortable and effective light levels while reducing wattage consumption considerably.

A/V Needs: Electrical power and screen for the PowerPoint slide presentation. The CES facilitator will provide a laptop and projector.

Learning Objectives: After completion of this course participants will be able to:

Target Audience: Architects, interior designers, lighting designers, electrical engineers, design/build contractors, and other design professionals. The ideal audience size is between 10-40 people. This program is basic and meets the needs of professionals at every experience level.

1. Distinguish the physical, lighting characteristic and “sustainable” differences between the T8 and T5 fluorescent lamps.
2. Identify how to achieve a more energy efficient space with T5HO by focusing on watts per square foot. Evaluate a 1:1 substitution of a common T8 system with a T5HO system.
3. Compare T5HO luminaire glare mitigation techniques. Examples shown will demonstrate the bright T5HO lamp is not only efficient, but is highly *effective* when controlled properly. Define & illustrate IES RP1-04 visual comfort recommendations.
4. List the 3 items one should consider when designing lighting for a space using what we call the “Coefficients of Illuminance Quality”. Participants will learn to rethink luminaire efficacy, and instead look at lighting the space efficiently *and* effectively as a whole using fewer watts per square foot as a basis.

Facilitator Qualifications: a•light’s CES facilitators have been trained on CES guidelines and presentation skills. They have each been in the lighting manufacturing field for numerous years and are considered industry experts.

George C. Bosson, IESNA – Director of a•light, a division of Amerillum Corporation. Mr. Bosson has more than 20 years experience in commercial lighting. A baccalaureate of The University of Massachusetts, Mr. Bosson also earned a Master’s in Organizational Development from Fairfield University. Prior to joining Amerillum Corporation, George Bosson served as Vice-President/General Manager for Lam Lighting, a division of the JJI Lighting Group, now part of Genlyte. Earlier, he was Director of Operations for Elliptipar Corporation.

George Pizzo – Vice President of Sales for a•light. Most recently, George Pizzo served as Northeast Regional Sales Manager for Litecontrol; as Senior Market Development Manager for Acuity Brands; and as Vice President of Sales and Marketing for Steel Craft Industries. Mr. Pizzo earned a Bachelor of Science degree in marketing from Seton Hall University & an MBA in business management from the University of Phoenix.

How taught: The CES facilitator utilizes a PowerPoint slide presentation to provide an in-depth overview on: the differences between T8 and T5 lighting systems, why to use watts per square foot for energy efficiency, controlling the T5 lamp brightness, and learning the “Coefficient of Illuminance Quality” when specifying lighting. It will be an interactive session encouraging feedback and questions. The program ends with a review of several key points and a 10-question informal test will be conducted to help reinforce learning objectives as well as take-home review handouts.

Brian O’Sullivan, IESNA, AIA – Western Regional Sales Manager for a•light. Prior to joining a•light, Mr. O’Sullivan served as Regional Sales Manager for Acuity Brands; and Southwest Regional Sales & Marketing Manager for Lumec, a division of Genlyte. Previously, he was an Outside Sales Associate for the lighting manufacturer’s representative Stevens Sales. Mr. O’Sullivan holds a Bachelor of Science degree in Economics from the University of Utah with an MBA from the University of Phoenix.

Cost: There is no cost to bring this program into your firm or chapter meeting.