



8th Annual

Consulting Electrical Engineers Technical Forum & Table-Top Tradeshow

Monday, May 2, 2011

**Union League Club of Chicago
65 West Jackson Boulevard, Chicago**



James Crowley, IESNA

NEW in 2011...

The Table-Top Tradeshow will feature two rooms: Electrical/Lighting as well as a new Datacenter / Communications Room. The tradeshow will include an "open-bar" cocktail reception, light dinner buffet, and grand raffle drawing worth thousands in prizes.

*** 2 PDH's Awarded to all Attendees**

Consulting Electrical Engineers (CEE) division of the Electric Association

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*This event is open to Electrical Engineers, Designers, Architects, Specifiers & others. You do not have to be a member to participate! Utilize this FREE opportunity to obtain important CEU credits, and discover the latest in electrical products & technology!

Technical Forum Topic:

LEDs: Bridging Technology for Outdoor Applications

The key topics for the technical presentation include:

- * LED Fundamentals - thermal, optical and electrical; market drivers & package differences.
- * Key Performance Differences of LED: luminaires versus traditional fixtures for exterior applications: Optical Efficiency, Thermal Design, Color Temperature & Sustainability - Environmental Impact, LEED
 - * Fixture Design Criteria for Successful Exterior Applications
 - * Applications that Maximize the Benefits of a well designed LED fixture.

Speaker: James P. Crowley, IESNA

James received a Bachelor of Science (Industrial Engineering) Degree from Kean University of New Jersey. He has worked in a variety of technically challenging roles that include surveying, civil and electrical engineering and design. Working for an electrical engineering firm gave him his first exposure to the lighting industry. From there, he worked for a lamp manufacturer, an ESCO and a European luminaire manufacturer. Since joining Lumière, a division of Cooper Lighting in 2003, James has continued to support lighting specifiers nationwide with his strong luminaire product knowledge and lamp technology background.

James is a member of the Illuminating Engineering Society of North America (IESNA) since 1995. He has held the positions of Northeast Regional Vice President, NJ Section President, Vice President and Secretary. He is currently a board member of the IES Chicago Section. He is also a member of IDA (International Dark Sky Association). He was recently appointed as the Lighting Industry Resource Council (LIRC) Cooper Lighting representative to the IALD (International Association of Lighting Designers). James has given numerous architectural lighting presentations at several universities including Penn State, IIT and the University of Colorado – Boulder.

Participation in the technical forum & tradeshow awards

2.0 Professional Development Hours

SCHEDULE OF EVENTS

<u>TIME</u>	<u>EVENT</u>
4:15pm	Check - In (5th floor)
4:30pm	Technical Forum Begins (5 th Floor, Crystal Rm)
5:25pm	Technical Forum Q&A & Completion
5:30pm	CEE Scholarship & Awards Presentation
5:45pm	Table Top Tradeshow Begins on 2 nd Floor with open bar and complimentary light buffet
7:25pm	Raffle Drawing begins (Must be Present to Win)
8:00pm	Event Concludes

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