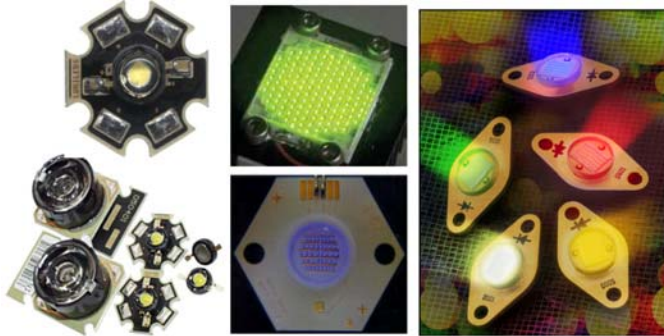




LED Basics, Presented by Lightolier Inc.



Tuesday, September 11, 2012

7:00 pm—8:00 pm

Maggie's Café

1186 Western Ave, Albany, NY 12203

Please plan to arrive at 6:30p

Solid state lighting solutions have improved in performance and quality, adding new design elements for the lighted environment. This one-hour course from Philips Lightolier provides a comprehensive overview of Light Emitting Diode (LED) technology, challenges, and advances.

Learning Objectives:

- Understand how an LED is made
- How white light is created
- Understand the binning process of an LED

What's Covered:

- What is an LED
- What makes up an LED system
- Advantages and challenges of LEDs
- System efficacy
- Thermal management and why it's important with LEDs
- Binning and color consistency
- Creating white light with LEDs: RGB vs. UV Phosphor
- LED system components: power supply, driver, arrays, heat sink, optics
- LED life
- Correlated Color Temperature (CCT)
- Color Rendering Index (CRI)
- LED standards & testing

Fee Schedule:

\$25 - IES Member

\$35 - Non-Member

\$5 - Student

Pay at the door by cash or check made out to "Albany IES"

Light Dinner Included

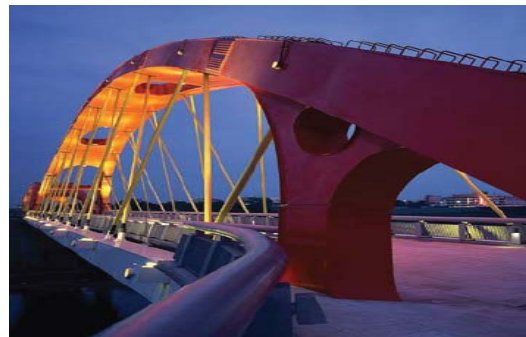
Course Credits:

1 PDH (NYS Professional Development Hour)

1 IES-CEU (Continuing Education Unit)

1 AIA LU (Learning Unit)

Certificate of Completion will be e-mailed to all attendees



To Attend: Please RSVP by e-mail to Kevin Fuscus: kfuscus@gmail.com

www.AlbanyIES.org