



Monthly News

What to Look for in Computer Generated Lighting Calculations



When you perform a lighting calculation, it takes more than just feeding information into the computer, but an understanding of what the numbers mean and understanding the results. Are we entering the right data? Is the photometric data provided by the manufacturer correct, or does something tell us there is an error somewhere? What factors do you use when adding fluorescent, HID and LEDs to a calculation?

Join us on Wednesday, April 17 when Rick Racey of Beacon Lighting returns to Cleveland with the help of our sponsor, Lighting Dynamics. Rick has twenty-plus years in the lighting industry and is currently a National Sales Manager with Beacon Lighting. Rick is an IES Member for eleven years and serves on the International Parking Institute Technology Committee, is Lighting Certified by the National Council on Qualifications for Lighting Professions and has used extensively dozens of lighting calculations programs during his carrier.

The program will compare the differences between using AGI and Visual software and the different program functions available. The program will not only cover the factors to consider when using LED luminaires within a photometric program, such as LLD and LDD, but how to fairly compare LED vs HID when doing a lighting calculation. Rick will also review a typical LED photometry report and how to evaluate and use these photometric files in a calculation.

Join us on April 17 for this informative and educational program.

When: Wednesday, Apr. 17, 2013

Lunch: 11:30 a.m.

Program: 12:00 p.m. to 1:00 p.m.

Location: Hilton Garden Inn Cleveland
1100 Carnegie Avenue
Cleveland, OH 44115

Sponsor: Lighting Dynamics

Credit: 1 PDH

Cost: \$30

Student: \$20 (Must bring student ID)

Please pay by check or cash at the event or [use our PayPal Link](#) on our website. Note: If you pay by Credit Card, you don't need to RSVP Wendy unless you don't receive an e-mail or sign up two days prior to the event.

RSVP

Contact Wendy Turkuc
By Monday, Apr. 15
216-636-5893

turkuc@att.net



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Lighting Dynamics Inc. is a full-service manufacturing representative, currently representing over 60 of the lighting industry's top manufacturers. Our knowledgeable sales staff prides itself on providing the local A&D community, lighting solutions for any and all, indoor and outdoor, commercial and industrial applications.

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Golf Outing

The IES Cleveland Section Golf Outing will be held on May 31, 2013 at Pineridge Country Club in Wickliffe, OH. Get your groups together now! Support the Education Scholarships and your local IES Section.

Cost: \$440 per foursome (Register by May 24, 2013): Includes 18 holes of golf, cart, lunch, catered dinner, beverages, lots of fun!

Format: Two-person scramble



Sponsorship Opportunities: Includes recognition signs at the golf course and a listing in the program. Must commit by May 17 to be included in the signs and programs.

- Grand Prize: \$750
- Double Eagle Sponsor: \$500
- Birdie Sponsor: \$250
- Tincup Sponsor: \$100
- Signs: \$250
- Lunch at the Turn: \$500
- Golf Balls: \$300
- Money Shot: \$250
- Pin Shot: \$250 for #4 Hole, and \$250 for #14 Hole
- Beverages: \$400
- Pro Golf Clinic: \$250

Shotgun Start Schedule

- 10:00 AM–11:45 AM: Check-In
- 11:00 AM–11:30 AM: Pro Golf Clinic
- 11:00 AM–11:45 AM: Lunch
- 12:00 PM: Shotgun Start

Tee-Time Start Schedule

- 10:30 AM–11:45 AM: Check-In
- Lunch at the Turn
- Dinner at approximately 5:00 PM

**For Registration & Information
Contact Kristen Mallardi**

216-246-9317 | kristen.mallardi@eyelighting.com



Lumen Press Newsletter

President's Report

For our April 17 Program, Lighting Dynamics is bringing back Rick Racey of Beacon Lighting from the warm weather of Florida to the unpredictable April weather in Cleveland to present *What to Look for in Computer Generated Lighting Calculations*. When you perform a lighting calculation, it takes more than just feeding information into the computer, but an understanding of what the numbers mean and understanding the results. Are we entering the right data? Is the photometric data provided by the manufacturer correct, or does something tell us there is an error somewhere? What factors do you use when adding fluorescent, HID and LEDs to a calculation? The program will compare the differences between using AGI and Visual software and the different program functions available. The program will not only cover the factors to consider when using LED luminaires within a photometric program, such as LLD and LDD, but how to fairly compare LED vs HID when doing a lighting calculation. Rick will also review a typical LED photometry report and how to evaluate and use these photometric files in a calculation. Join us on April 17 for this informative and educational program.

On May 7, we have Sri Rahm of GE Lighting presenting *Sri Rahm & the 5 Lighting Metrics*. This is a very educational program that I hope you will get the opportunity to attend as it is something new we should be aware of when doing lighting calculations or selling lighting products.

Finally, on Friday, May 31, is the IES Cleveland Section Golf Outing which is used to fund the Cleveland Technical Society Student Scholarship each year and our Cleveland Section. Now is the time to start getting in your reservations for your foursomes and take advantage of one of the sponsorship opportunities outlined on [page 3](#) of the April Lumen Press. Hope to see you out on the course.

We would like to thank you for your support this season and continued support for the future.

Richard Rutledge

IES Cleveland Section President



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Calendar of Events

2012

September 25 | Tuesday Lunch

Topic: An All LED Theater—Myth or Reality?
Location: Hilton Garden Inn Cleveland Downtown
Sponsor: Bright Focus Sales & Vincent Lighting Systems

October 16 | Tuesday Evening

Topic: Clambake with Seminar on the Side
Location: Albion Woods Reservation, Strongsville
Sponsor: Wolff Brothers

November 15 | Thursday Lunch

Topic: How to See Better at Night (and in the Daytime)
Location: Hilton Garden Inn Downtown Cleveland
Sponsor: Venture Lighting Systems

December 19 | Evening

Topic: December Light Walk
Location: University Circle
Sponsor: Eye Lighting

2013

January 17 | Thursday Lunch

Topic: 2011 NEC Code Update: Lighting
Location: Hilton Garden Inn Downtown Cleveland
Sponsor: IES Cleveland Section

February 21 | Thursday Lunch

Topic: Leveraging the Benefits of Daylighting with Lighting Controls
Location: Hilton Garden Inn Downtown Cleveland
Sponsor: Jack Duffy & Associates

March 21 | Thursday Lunch

Topic: Integration of Wireless Controls with Exterior Lighting Systems
Location: Hilton Garden Inn Downtown Cleveland
Sponsor: Myriad Energy Solutions

April 17 | Wednesday Lunch

Topic: What to look for in Computer Generated Lighting Calculations
Location: Hilton Garden Inn Downtown Cleveland
Sponsor: Lighting Dynamics

May 7 | Lunch

Topic: Sri Rahm & the 5 Lighting Metrics
Location: Hilton Garden Inn Downtown Cleveland
Sponsor: GE Lighting

May 31 | Friday Event

Topic: IES Golf Outing
Location: Pine Ridge Golf Course - Willoughby, OH
Sponsors Welcome
Sponsor: Everyone



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