



MILWAUKEE 38

2017-2018 Section Meetings

10/26/2017

Exterior LED Lighting—What you need to know!

Learning Objectives/Description:

- There are lots of rumors circulating regarding exterior lighting quality – color temperature, light levels, and glare to name a few. Are these rumors or fact? Where are these rumors originating? Which ones have studies behind them? What areas of the country are responding to exterior light quality complaints and in what way
- Discuss glare, BUG ratings, CCT, CRI, SPD, and other impacts on humans relative to nighttime illumination

Duane Henderson, Manager and Lead Educator, Cree Racine Lighting

11/16/2017

Lighting for Environment and Lighting for Human Health: Challenges of meeting the LEED and WELL and LEED Standards

Learning Objectives/Description:

- The LEED and WELL standards were intended to work together to improve environment and human health. However the energy-saving focused LEED standards could result in an environment in which illumination is not sufficient for human health and wellness.
- This session will use a LEED platinum project to illustrate the challenges of meeting the WELL lighting standards when obtaining the WELL certification.
- The session will discuss lighting design considerations to achieve the WELL standards and develop effective methods of documenting for a WELL certification. The session will propose sensible solutions to balance lighting for environment and lighting for human health and wellness.

Tao Ham, PhD, Lighting Designer, HGA Architects and Engineers

David Hubka, Director of Program Development, Rivion

1/18/2018

Biologically Focused Lighting for Health and Wellness

Learning Objectives/Description:

- Human visual systems contain receptors that assist in regulating Circadian Rhythms. Modern lighting and architectural design provides insufficient stimulus of these systems to properly reinforce these natural biological processes leading to a state of social jet-lag and interrupted sleep cycles.
- Explore the science of these systems and details how to integrate essential spectral content in artificial lighting that entrains and reinforces healthy Circadian Rhythms.

This meeting has been approved for 1 AIA/CEU hour

Ken Esterly, IESNA, Regional Sales Manager, LEDRA Brands, Inc.

IES MILWAUKEE 38

2017-2018 Section Meetings

2/15/2018

IES Pecha Kucha!

- Loosely translated as “chit chat”, Pecha Kucha is a presentation style devised by two architects in Tokyo. The strictly regimented sequence of 20 slides, 20 seconds per slide forces creative people to hone the presentation of their work and ideas within those constraints.
- Our topic of “Transitions” aims to foster self-expression and variety. Join the party and discover what members of the lighting community do with this theme.

Marge Cooper - Lighting Designer - Ring & DuChateau

Dan Filips - Senior Engineer/Project Manager - Visa Lighting

Teresa Jackson - Senior Lighting Specialist - BJ Electric Supply

Michelle Klein - Lead Lighting Designer - CLD-E

Kailey Lietzke - EIT - HGA Architects and Engineers

Marty Peck - Principal - CLD-E

Eric Zepezauer - Lighting Controls Specialist - Elan Lighting

3/13/2018

ASHRAE/IES 90.1-2010/2013

- Codes are affecting our business more and more each year. While current DOE energy code requirements state that ASHRAE/IES – 2010 should be adopted; the 2013 version has been published, and will be the new DOE requirement in September 2016.
- Participants will discuss the major change in 2010 and the additional changes from 2010 to 2013
- Identify new requirements and the agencies adopting and enforcing codes in Wisconsin

This meeting has been approved for 1 CEU hour for:

Commercial Electrical Inspector Certification, Industrial Journeyman Electrician License, Journeyman Electrician License, Master Electrician License, Registered Electrician Registration

Carla Bukalski, Specification Regional Sales Manager, Eaton

5/25/2017

Tour of Miller Park

- Take a tour with our Milwaukee Section Illumination Award winner Erv Stern as he takes us around the updated venues in our hometown stadium. Highlights include the Selig Experience, New Food and Beverage Venues, Club Level, Team Stores, and the Media Room.

Erv Stern, Czarnecki Engineering