



Monthly News

## Solid State Lighting for Sports Applications



Solid state LED lighting is revolutionizing sports at all levels. From the big leagues to even high school and municipal fields, LED lighting is becoming the product of choice for sports venues. Many factors contribute to this, from LED's superiority for HDTV broadcasting, to controllability, maintenance-free operation and energy efficiency. Learn about these and other factors that make LED attractive for sports lighting applications.

**When:** Thursday, March 17

**Lunch:** 11:30 a.m. – 12:00 p.m.

**Program:** 12:00 p.m. – 1:00 p.m.

**Location:** Hilton Garden Inn  
1100 Carnegie Ave.  
Cleveland OH, 44113

**Sponsor:** Graybar

**Speaker:** Mike Quijano  
Ephesus Lighting

**Cost:** \$30, 1 PDH

Please pay by check or cash at the event or pay by credit card using our [PayPal link on our website](#). Note: If you pay by credit card, you don't need to RSVP Mike.

# RSVP

Contact Mike Confer  
By Monday, Mar. 14

[mwc@hwhaep.com](mailto:mwc@hwhaep.com)



# Lumen Press Newsletter



**Graybar**  
works to your advantage

## We Take the Hassle Out of Implementing LED

The recent improvements in LED lighting, price reductions in technology and generous utility rebates make now the time to cash in. And Graybar can help:

- We have worked on lighting projects for over 100 years
- We have relationships with manufacturers, integrators, installers and can manage the project from start to finish
- Graybar Financial Services® offers financing programs to work specifically with your budget

**Graybar**  
6161 Halle Drive  
Valley View, OH 44125  
(216) 573-6100

[graybar.com](http://graybar.com)

216-573-6100



# Lumen Press Newsletter

## IES Course Fundamentals of Lighting



Presented by: IES Cleveland Section

Cost: \$450.00 – Includes Student Materials (Member \$60 / Non-Member \$86 Value)

Time: 5:00pm – 6:30pm

Location: Karpinski Engineering

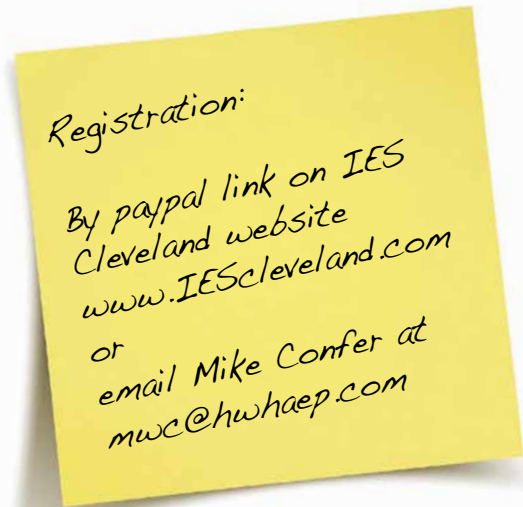
3135 Euclid Avenue  
Cleveland, OH 44115  
2nd Floor Conference Room  
With free parking on-site



**Illuminating**  
ENGINEERING SOCIETY

### 10-week program starting April 12

April 12	Overview (History, Professional Practice, Physics, Vision, Color, Light and Health)
April 19	Electric Light Sources and Auxiliary Devices
April 26	Break for LightFair
May 3	Daylighting
May 10	Luminaires
May 17	Controls
May 24	Lighting Metrics, Calculations and Rendering
May 31	Codes & Standards and Economics
June 7	Lighting Design Process & Techniques, Sustainability and Commissioning
June 14	Lighting for Interiors
June 21	Lighting for Exteriors



All participants who complete the course requirements, will be **entered into a drawing** to receive a free copy of The Lighting Handbook – 10th Edition in either Print or PDF format.



Thank you to  
Karpinski Engineering  
for donating meeting space  
for this course.



# Lumen Press Newsletter

## President's Report

Our EP groups is currently planning it's next outing. Contact Tony Clark [t.clark@fowlermep.com](mailto:t.clark@fowlermep.com) if you have suggestions for meeting topics or would like to sponsor an EP outing.

The CTSC Cleveland Technical Societies Council will hold their annual scholarship banquet on Monday, May 2 at Windows on the River. We will once again donate a cash scholarship to a deserving local high school student that night.

Spring is right around the corner, and with spring comes planning for our annual scholarship golf outing. It has been a sincere pleasure chairing this event for the past 4 years and I am looking forward to yet another successful event. If you have been a sponsor in the past, expect to get a call from me soon! If you're interested in getting involved through sponsorship let me know [Kristen.mallardi@acuitybrands.com](mailto:Kristen.mallardi@acuitybrands.com).

The IES will hold their third research symposium Light + Color in Gaithersburg Maryland in April. This international lighting research and application symposium will draw on the talents and expertise of the researcher, the technologist and the design professional to better understand the growing role of color in lighting from the standpoints of color vision, color perception, color preference, color metrics and color technology.

Registration for this event is now open, for full details see the IES homepage: [ies.org/symposium](http://ies.org/symposium)

Amanda Foust and I would like to thank all of our regular sponsors who have stepped up to help fill our program schedule for 2015–16. If you know of a speaker or would like to sponsor a program for the 2016–17 program year which begins in September 2016, please let us know.

Our next board of managers meeting will be held on March 11 at noon via conference call. These meetings are open to all of our members, if you would like to get involved, please let Henry Barker know and he will add you to the meeting invitation: [hbarker@karpinskieng.com](mailto:hbarker@karpinskieng.com).

Best regards,

**Kristen Mallardi**

President, IES Cleveland Section



# Lumen Press Newsletter

## Calendar of Events

### 2015

**September 24** | Thursday Lunch

**Topic:** Light and Health: What we know, what we don't know and what we need to know

**Speaker:** Dr. Mariana Figueiro Ph.D

**Location:** Hilton Garden Inn Cleveland Downtown

**Sponsor:** IES Cleveland Section

**October** | Evening

**Topic:** Clambake – LEDs . . . What's Next?

**Panel Discussion:** Bob Doherty, Dyke Riffle and Joe Borzyn

**Location:** Albion Woods, Mill Stream Reservation, Strongsville

**Sponsor:** Wolff Brothers Supply

**November 19** | Lunch

**Topic:** Bridges, Buildings, Cities and Districts - Creating Fun and Dynamic Environments Using Entertainment and Entertaining Lighting Equipment

**Location:** Vincent Lighting  
6161 Cochran Road, Suite D  
Solon, OH 44139

**Sponsor:** IES Cleveland Section

**December 10** | Lunch

**Topic:** Can the IES have an impact on your life?

**Location:** Hilton Garden Inn Cleveland

**Speaker:** Lew Sternberg

**Sponsor:** IES Cleveland Section

### 2016

**January 21** | Thursday Luncheon - IES Roadshow

**Topic:** "It's Not a Pill, It's Not a Cream, It's the Lighting: Aging Vision and You"

**Speaker:** Robert Dupuy, IALD, LC Principal Robert Dupuy Consulting, LLC

**Location:** Hilton Garden Inn

**Sponsor:** IES Cleveland Section

**February 25** | Luncheon

**Topic:** Future Applications of Lighting Control Networks

**Location:** Hilton Garden Inn Cleveland

**Speaker:** Mark Wilbur, GE Lighting

**Sponsor:** Myriad Energy Solutions

**March 17** | Luncheon

**Topic:** Solid State Lighting for Sports Lighting Applications

**Location:** Hilton Garden Inn Cleveland

**Speaker:** Mike Quijano, Ephesus Lighting

**Sponsor:** Graybar

**April** | Date TBD

**Topic:** Controls Forum

**Location:** Hilton Garden Inn Cleveland

**Speaker:** Panel

**Sponsor:** TCP

**May 12** | Luncheon

**Topic:** Light & Color: Understanding Color Preference and Evolving Color Metrics

**Location:** Hilton Garden Inn Cleveland

**Speaker:** Kevin Vick, Current, powered by GE

**Sponsor:** GE

**June 3** |

**Topic:** IES Golf Outing

**Location:** Pine Ridge Golf Course - Willoughby, OH

**Sponsors:** Needed!

**Contact Kristen Mallardi:** 440-570-7638

[Kristen.mallardi@acuitybrands.com](mailto:Kristen.mallardi@acuitybrands.com)



# Lumen Press Newsletter

## Advertisers



Representing Quality Lighting and Control Manufacturers

Greg Shick - Leslie Patrizi - Gene Schleicher  
Josiah Schleicher - Tom Sonneborn  
Linda Rath - Jan Burney - Alex Swetlin

2310 Superior Ave.  
Suite 220  
Cleveland, OH 4114  
P: 216-751-8384  
F: 216-937-0299  
[www.brightsales.com](http://www.brightsales.com)

## LIGHTING & CONTROLS

Holly Bond  
Michael Evert  
Fred Jereb  
Mike Malovasic

4503 Brookpark Rd.  
Parma, OH 44134  
P: 216-741-4545  
F: 216-741-7555



**VINCENT**  
LIGHTING SYSTEMS

Churches · Schools · Theatres · Studios

*Specializing in Lighting Control Systems for Commercial Applications.*

6161 Cochran Rd Ste D  
Solon OH 44139  
**216.475.7600**  
800.922.5356  
[info@vls.com](mailto:info@vls.com)



Electrical, Lighting, Plumbing  
HVAC, Cabinets & Tools

Medina, Wooster,  
Cleveland, Akron,  
Sandusky, Mentor,  
Elyria, Ashland

1200 Kelly Avenue  
Akron, OH 44306-3735  
P: 330-773-0200  
F: 330-773-2153  
P: 1-800-444-1446  
[www.wolffbros.com](http://www.wolffbros.com)

VINCENTLIGHTING

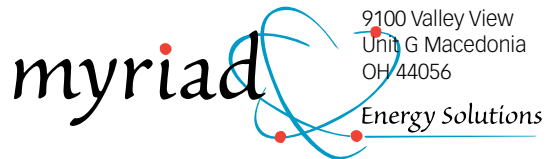
[VLS.COM](http://VLS.COM)



Leading Manufacturer of High Quality HID Lamps, LED and HID Luminaires, Controls, and Lighting Systems

9150 Hendricks Rd.  
Mentor, OH 44060  
P: 888-665-2677  
F: 800-811-7395  
P: 440-350-7000  
F: 440-350-7001  
[sales@eyelighting.com](mailto:sales@eyelighting.com)  
[www.eyelighting.com](http://www.eyelighting.com)

ISO 9001:2000 Certified ISO 14001:2004 Certified OHSAS 18001:1999 Certified ISO 17025:2005 Accredited



Your Partner For All Things Lighting . . .  
  
Fixtures - Controls  
Applications - Emergency

9100 Valley View  
Unit G Macedonia  
OH 44056

Energy Solutions

Office: 330-467-0675  
Fax: 330-467-0129  
[quotes@myriadenergy.com](mailto:quotes@myriadenergy.com)  
[orders@myriadenergy.com](mailto:orders@myriadenergy.com)  
[www.myriadenergy.com](http://www.myriadenergy.com)



Patrick Duffy - Jason Breckner - Jerry Falasco  
Bob Nord - Stephen Nagy - Jim Parsons - Derrick Ayala  
Eric Sweigert - Andy Ports - John Baranek - Frank Sgro  
Glen Lewis - Lisa Wallbrown - Jill Varley - Deidre Watt

1894 Georgetown Road  
Suite 100  
Hudson, OH 44236  
P: 234-380-1690  
F: 234-380-1699  
[www.duffylighting.com](http://www.duffylighting.com)



**1-888-RexelPRO**  
(1-888-739-3577)

**Caroline Fetter, LC**

Specifier/Energy Solution Specialist

30310 Emerald Valley Pkwy., Suite 100 - Solon, OH 44139  
Office: (440) 498-6268  
[caroline.fetter@rexelusa.com](mailto:caroline.fetter@rexelusa.com) - [www.rexelusa.com](http://www.rexelusa.com)



# Lumen Press Newsletter

## Officers & Board of Managers

### Officers

**Kristen Mallardi** | President  
P: 440-570-7638  
E: [Kristen.mallardi@acuitybrands.com](mailto:Kristen.mallardi@acuitybrands.com)

**Tony Clark** | Vice President  
P: 440-786-9777  
E: [t.clark@fowlermep.com](mailto:t.clark@fowlermep.com)

**Henry Barker** | Secretary  
P: 216-391-3700  
E: [hbarker@karpinskieng.com](mailto:hbarker@karpinskieng.com)

**Michael Confer** | Treasurer  
P: 216-875-4000  
P: 216-875-4125  
E: [mwc@hwhaep.com](mailto:mwc@hwhaep.com)

### Board of Managers

**Joe Borzyn**  
P: 216-622-2209  
E: [Joe.Borzyn@aecom.com](mailto:Joe.Borzyn@aecom.com)

**Brian David**  
P: 216-391-3700  
E: [bdavid@karpinskieng.com](mailto:bdavid@karpinskieng.com)

**Jerry Dideon**  
P: 216-573-6100  
E: [Gerald.dideon@graybar.com](mailto:Gerald.dideon@graybar.com)

**Robert Doherty, Jr.**  
P: 330-773-0200  
E: [bdoherty@wolffbros.com](mailto:bdoherty@wolffbros.com)

**Amanda Foust**  
P: 330-256-2383  
E: [afoust@tcpi.com](mailto:afoust@tcpi.com)

**Bob Martin**  
P: 440-465-1491  
E: [bob@myriadenergy.com](mailto:bob@myriadenergy.com)

**Marian Perez**  
P: 216-391-3700  
E: [mperez@karpinskieng.com](mailto:mperez@karpinskieng.com)

**Gene Schleicher**  
P: 216-751-8384  
F: 216-937-0299  
E: [gschleicher@brightsales.com](mailto:gschleicher@brightsales.com)

### Cleveland Section Chairs

**Marian Perez** | Education  
P: 216-391-3700  
E: [mperez@karpinskieng.com](mailto:mperez@karpinskieng.com)

**Natasa Cekic** | Historian  
P: 216-391-3700  
E: [ncekic@karpinskieng.com](mailto:ncekic@karpinskieng.com)

**Jason Brown** | IA  
P: 216-280-9492  
E: [jason.d.brown@ge.com](mailto:jason.d.brown@ge.com)

**Chris Woodman** | Newsletter / Website  
P: 216-780-0495  
E: [cswoodman@mac.com](mailto:cswoodman@mac.com)

**Amanda Foust** | Programs  
P: 330-256-2383  
E: [afoust@tcpi.com](mailto:afoust@tcpi.com)

**Kristyn Posten** | Public Relations / Awards  
P: 330-995-2453  
E: [kposten@tcpi.com](mailto:kposten@tcpi.com)

**Tony Clark** | Membership & Emerging Professional  
P: 440-786-9777  
E: [t.clark@fowlermep.com](mailto:t.clark@fowlermep.com)