

Super **TUESDAY**

Advanced Registration
Only—by January 6!

Landscape Lighting Design and Advanced Control Applications (PLT Relicensure)

Pending DOLI Approval

January 12, 2016 | 8am–5pm | Minneapolis Convention Center | 1301 2nd Ave S | Mpls, MN 55403

Registration: 7:30 a.m.–8:00 a.m.
Program: 8:00 a.m.–5:00 p.m.
Morning coffee and lunch are included.

This class provides **eight** hours of Power Limited Training credit (2 hours of code, 6 hours of technical) orientated specifically towards the landscape lighting specialist.

SCHEDULE

8:00 AM—10:00 AM: 2014 NEC Code for MN Power Limited Relicensure. *Andrew Lindquist, Links Systems, Inc.*
In this session, Lindquist will cover the following topics:

- Code layout and current updates from 2011 NEC code.
- Clarification of common Code definitions.
- Applications relevant to the Landscape Lighting profession.

10:00 AM–10:10 AM: Break

10:10 AM—12:10 PM: Residential Landscape Lighting—Light Your Way to More Profits, Part 1. *Tim McKay, Vista Professional Outdoor Lighting*

Residential landscape lighting is not rocket science, but there is a science to it. In Residential Landscape Lighting Part 1 and Part 2, McKay will discuss everything you need to know about landscape lighting, including:

- Design
- Brightness of Lights
- Placement of Fixtures
- Lighting Demonstrations
- The Best Place to Hang a Transformer
- Low Voltage Codes
- How to Make Money Installing Landscape Lighting

12:10 PM—12:50 PM: Lunch

12:50 PM—1:50 PM: Residential Landscape Lighting—Light Your Way to More Profits, Part 2. *Tim McKay, Vista Professional Outdoor Lighting*

Tim McKay will continue the discussion on residential landscape lighting and design.

1:50 PM—2:50 PM: Advanced Lighting Control-Part 1. *Drew Tedford, FX Luminaire*

With the rapid evolution of LED technology in low voltage lighting over the last decade, our industry has also seen an increase in advanced controlling options. Considering the many advantages of LED technology, including energy efficiency and flexible controlling, it has changed the way we design, install and maintain outdoor lighting; creating an abundance of new opportunities in landscape and structural

accent lighting applications. This session will explore the latest technological advances in outdoor lighting control that allow lighting professionals to create various customizable zones for each site to maximize safety, energy efficiency and aesthetics.

2:50 PM—3:00 PM: Break

3:00 PM—5:00 PM: Advanced Lighting Control-Part 2 *Drew Tedford, FX Luminaire*
Drew Tedford will continue the discussion on advanced controlling options.

PRESENTERS



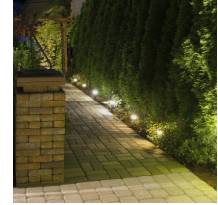
Andrew Lindquist is the owner of Links Systems, Inc, providing consultation and online development for the horticultural industry. He has 35+ years experience in classroom, online, and professional presentations for both public and private institutions. Lindquist is a graduate of the University of Minnesota with a B.S. in Ornamental Horticulture with a minor in Business Management. His past work experience includes: golf course superintendent/manager; post secondary vocational instructor in landscape/golf maintenance/irrigation design and installation; sales person and area manager for local and international based manufacturers.



Tim McKay has worked in the landscape lighting industry for over 23 years. He grew up in the lighting industry, working for one of the largest lighting companies in the country. McKay has owned his own lighting company in Denver and worked for two of the largest manufacturers of landscape lighting. Tim McKay has a real passion for lighting design and for teaching professional landscape lighting. He currently is the Midwest District Sales Manager for Vista Professional Outdoor Lighting and is in charge of seven states.



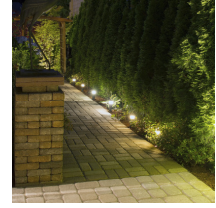
Drew W. Tedford is the sales & design support manager for FX Luminaire. After graduating from the University of Arkansas in 1997 with a Bachelor of Landscape Architecture (BLA), he worked for various residential design/planning firms in Arkansas before moving to Arizona in 1999. While in AZ, he continued his design/planning experience until 2004 when he began working for a landscape design/build firm. This is where he developed his passion for low voltage lighting design. In 2007, he joined the lighting manufacturing industry as a manufacturer's representative. Now based in Chicago, he has hosted hundreds of professional design and engineering educational workshops on low-voltage lighting throughout the U.S. His curriculums are CEU approved through ASLA and AIA.



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Registration Information

Early Registration (on or before December 23)

- MNLA Members: \$129
- Non-Members: \$159

Regular Registration (December 24—January 6)

- MNLA Members: \$149
- Non-Members: \$179

Three Ways to Pay

1. Make checks payable and mail registration to:
MNLA
1813 Lexington Ave N
Roseville, MN 55113
2. Online registration available at www.mnla.biz.
3. Fax registration to MNLA at: 651-633-4986.

Registration Form

Please note that payment MUST accompany this form or it will not be processed. We are no longer able to invoice for registration.

Firm Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: _____

Fax: _____

E-mail: _____

On or before December 23

MNLA Members: No. of Persons _____ @ \$129 = _____

Non-Members: No. of Persons _____ @ \$159 = _____

December 24—January 6

MNLA Members: No. of Persons _____ @ \$149 = _____

Non-Members: No. of Persons _____ @ \$179 = _____

Registration Refund Policy

For all MNLA education events, MNLA will gladly make a full refund of your registration fee if cancellation notice is received more than two business days in advance of the event. In the two business days prior to the event, a 50 percent refund will be given. No refunds will be given for no-shows or cancellations made the day of the event. Cancellations may be made in writing, by fax, or by telephone call received at the MNLA office during normal business hours.

Photo/Video Consent

Registration and attendance at or participation in MNLA meetings and other activities constitutes an agreement by the registrant to MNLA's use and distribution (both now and in the future) of the registrant or attendee's image or voice in photographs, videotapes, electronic reproductions, and audiotapes of such events/activities.

Name	PLT Number (if seeking credit)

___ Check enclosed for \$ _____

___ Visa ___ MasterCard ___ Discover

Card Number:

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Exp. Date: _____ / _____

Name on Card _____

- Check here if the address listed above the same as the billing address for this credit card. If not, you will need to provide the billing address for the credit card below.

Address: _____

City: _____ State: _____ Zip: _____