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**Meeting Announcement: Tuesday, October 18, 2016**

## **Adaptive AC-Direct Lighting**

### **About the Presentation**

LiteSheet is a local Virginia company that pioneered Adaptive AC Direct Technology for LED lighting applications and holds a number of key patents in that arena. Litesheet designs and manufactures Adaptive AC Direct light engines and fixtures for both new and retrofit applications. The LED lighting market is predominantly DC powered, thereby requiring the use of AC-DC converter power supplies, whose failure rate is much higher than the LEDs themselves. As a result, the reliability performance promised by many in the LED lighting industry is not being achieved. Adaptive AC direct technology, which requires no power supply, offers unique advantages over traditional DC LED technology. Come and learn about the advantages, disadvantages, and differences between these technologies and why these differences are significant in the areas of size, weight, performance, adaptability, scale-ability, and reliability. The discussion will include the uniqueness of the Adaptive AC direct IP as it relates to new products and retrofits. There will be sample fixtures on hand to demonstrate the simplicity and advantages of the technology. There will also be slides showing some large Adaptive AC Direct installations that would have been difficult to accomplish using DC LED Technology.

This presentation will be the first part of a two part series on LiteSheet and their patented Adaptive AC-Direct Lighting system for LED lighting. Next month we will tour the LiteSheet manufacturing facility in Bedford. Please plan on attending both of these meeting as we expand what we know (or thought we knew) about LED lighting.

## About Our Speaker

### **Debbie Cebry, Operations Manager, LiteSheet, LLC**

Debbie has been with LiteSheet since the inception of the company in 2011. She moved from Connecticut in 2013 to set up the manufacturing facility in Bedford, Virginia to design and produce Adaptive AC Direct light engines and light fixtures for both residential & commercial applications. She has been intimately involved with all aspects of specifying, developing, marketing, testing, and manufacturing Adaptive AC Direct products including UL approvals through MET, ETL, & DLC testing labs. Debbie comes to Virginia with 30+ years working in various aspects of manufacturing environments including product and equipment design and implementation, lean manufacturing techniques and procedures, quality policies, regulatory and environmental concerns, and productivity improvements. Her prior experience as an Automation and Application Engineer at various high tech automation distributors and Controls Engineer at manufacturing facilities, has given her a broad-based and unique insight into product development and manufacturing.

**Please forward this meeting notice to your friends and colleagues in the lighting industry.**

## Meeting Information

**Date: Tuesday, October 18, 2016**

**Place: Montanos Restaurant  
3733 Franklin Road, Roanoke, VA 24014**

**Time: 6:00 PM, Get Together (Cash Bar)**

**6:30 PM Dinner and Program**

## Note

**All attendees will order off the full menu and pay their own check individually. This will offer you more meal selections than in the past and more control over your cost.**

RSVP

By Monday, 12:00 PM, October 17, 2016 to

Grant Beasley

[GBeasley@MasterEngineersinc.com](mailto:GBeasley@MasterEngineersinc.com)