

**PROJECT SPOTLIGHT**

**TANGUAY**  
Trois-Rivières

**PRODUCTS:**  
Custom Grande [RM4D](#)

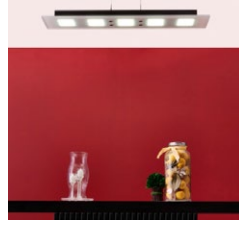
AGENT: [NRG Management](#)



**NEWS > INDUSTRY**

**OLED lighting products: Capabilities, challenges, potential**

The U.S. Department of Energy (DOE) has issued a report that focuses on the potential for architectural OLED lighting - describing currently available OLED products as well as promised improvements, and addressing the technology and market hurdles that have thus far prevented wider use of OLEDs. The report can be downloaded at the [DOE Website](#)



**U.S. Department of Energy publishes 2016 LLS R&D plan**

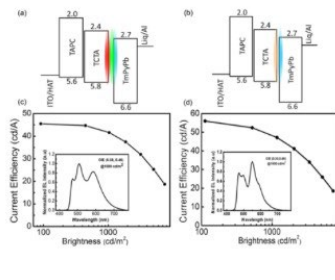
The Department of Energy (DOE) has published the 2016 edition of the [Solid-State Lighting R&D Plan](#). It was developed in conjunction with community experts through input received at roundtable meetings held in September and October 2015 and at the DOE SSL R&D Workshop held in February 2016. The plan covers R&D needs for LED and OLED technologies, ranging from core technology research and product development through manufacturing R&D.



**NEWS > RESEARCH**

**Highly Efficient white OLED's with Ultrathin Emissive Layers and a Spacer-Free Structure**

Since C.W Tang demonstrated the first organic light-emitting diodes (OLEDs) based on a double-layer structure of organic materials in 1987, flat-panel displays and lighting applications based on OLED technology have grown dramatically because of their attractive features such as ultra-thin structure, light-weight and flexibility. To achieve a desirable OLED performance, a host-dopant system is needed. This not only leads to an increase in material cost and device processing time, but also makes it difficult to control dopant concentration accurately. Therefore, OLEDs with dopant-free and ultrathin emissive layers (UEMLs) have garnered much attention. Wu, S. et al. published the results of their research on such ultrathin emissive layers (UEMLs) of phosphorescent materials for OLED applications in the recent issue of [Scientific Reports](#).



**Latest Impact Centre Research Brief investigates similarities and differences between Canadian and American corporate cultures of innovation**

While many commentators claim that Canada lags behind the United States in its ability to innovate, we found no evidence of this in our recent study on corporate culture. We set out to examine three dimensions of corporate culture including:

- Receptivity to new ideas
- The factors which pressure companies to innovate
- Employee beliefs as to internal capabilities to innovate



[Read more...](#)

**METALUMEN'S NEW & UPCOMING PROUDCTS:**



**UPCOMING EVENTS**

**BOSS: Building On Solutions Seminar by Metalumen**

August - November | Various North American Locations

**MLS West LED Product Show "Growing Green 2"**

October 12 | Grand Rapids, MI

**DLF New England Boston Lights 2016**

October 26 | Westin Hotel, Boston, MA

**LED Specifier Summit**

November 15 | Navy Pier, Chicago, IL

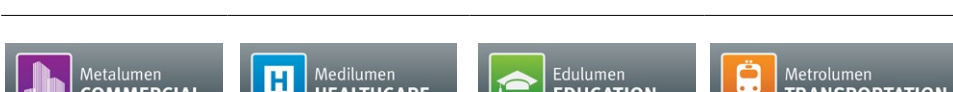
**IIDEX Canada 2016 - The Building Show**

November 30 - December 1 | Metro Toronto Convention Centre, Toronto, ON

**EDUCATION > AIA/NCQLP/IDCEC**

**Metalumen is proud to be CEU accredited!**

We are now an accredited provider for the American Institute of Architects (AIA), Interior Design Continuing Education Council (IDCEC) and National Council on Qualifications for the Lighting Professions (NCQLP) for continuing education. All our lighting focused seminars demonstrate best practices in lighting application, strategies in energy conservation, and human centric drivers for wellbeing per application and maintenance factors. Each seminar is 1 to 2 hours in length and qualifies for 0.2 to 2.0 CEU, LEU and LU credits.



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