May 2016

MetaNEWS

A Metalumen Quarterly

PROJECT SPOTLIGHT

DELOITTE CANADA
Greater Toronto Area
http://urbantoronto.ca/news/2014/03/firstofficesopenbayadelaideeast
http://urbantoronto.ca/database/projects/bayadelaidecentre
https://www.youtube.com/watch?v=2c6l58np2JQ

PRODUCTS:
S6 - New 6" Recessed multi-engine luminaire
Grande RM4D Recessed & Wall

AGENT: STL Lighting Group

NEWS › INDUSTRY

Metalumen Selected for Top 3 in LFI 2016 Innovation Award

Metalumen was announced one of the top 3 most Innovative Product of the Year with our RAE/Transform coming 2nd to Acuity Brand in the "Commercial Indoor (Linear Fluorescent, Troffers, Suspended, Surface, LED, OLED)" category. See Innovation award Brochure: http://www.lightfair.com/lightfair/V40/lia/category.cvn?catID=38&viewBy=cat

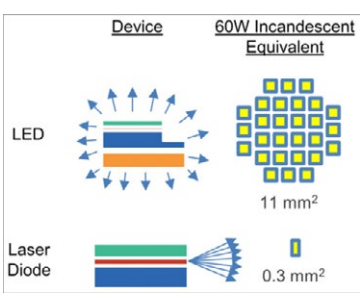
Metalumen is now on the Lighting Exchange

"The Most Advanced Communications Platform Built {Specifically} For Lighting Agents"

Metalumen has joined the YLP "Your Lighting Brand" database on the Lighting Exchange to make it easier for our Agent partners to be visible to clients and have an interactive and simple platform for their line card. We are pleased to support our partners' efforts and continue to do all we can to derive mutual growth. Read more

NEWS › RESEARCH

High Luminous flux from single crystal phosphor-converted laser-based white lighting system

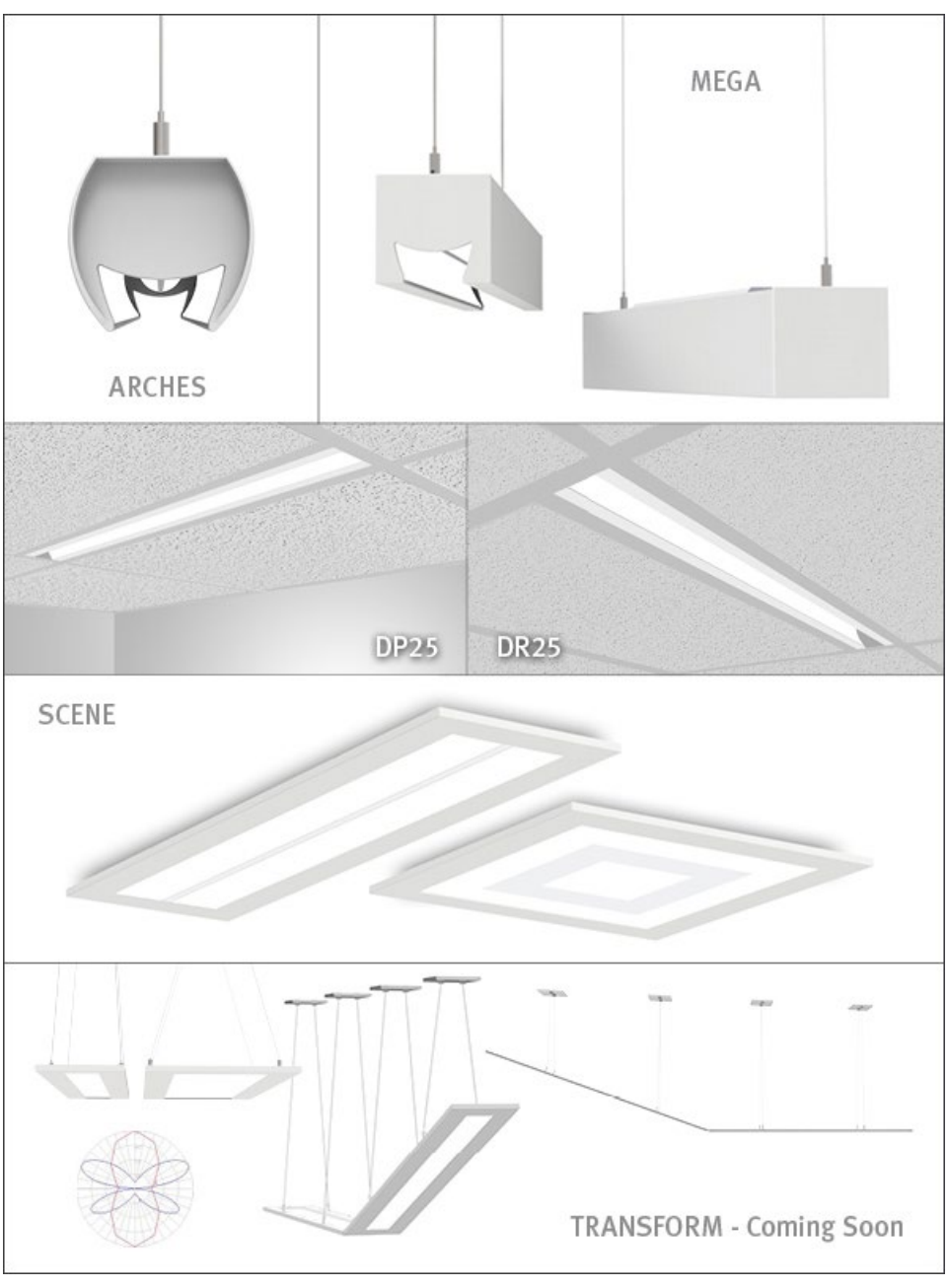


The nonthermal efficiency droop of light emitting diodes (LEDs) observed with increasing current density limits the amount of light emitted per wafer area and is an ongoing topic of research. While peak luminous efficacies exceeding 200 lm/W have been reported in LEDbased lighting products, these values are generally at low current densities on the order of ~10 A/cm2. As a result many LED dies are needed for typical high power white light illumination systems operating at peak efficiency. In contrast to LEDs, the carrier density of laser diodes (LDs) does not nonthermally droop above threshold and high efficiencies can be achieved at very high current densities resulting in very high output power per wafer area. Read more

New LED technology highlighted in the Toronto Star

The founder of SSLNet and the Director of Scientific Operations at the Impact Centre, Dr. Venkat Venkataramanan was recently interviewed by the Toronto Star about the evolution of LED technology and how it is transforming the way we think about light. In addition to tracing a quick technical history of LEDs, the article highlights the work that Venkataramanan is performing in collaboration with a Zhejiang University in China to create light that targets health benefits. "We have daylight sensors outside, and take that sensor input to tune the spectrum of light," Venkataramanan told the Star. "So exactly the kind of light that you would get outside is what you would get inside. There are a lot of health benefits (to) being in the natural sunlight cycle and darkness cycle as well." Read the full article in the Toronto Star.

METALUMEN'S NEW & UPCOMING PROUDCTS:



UPCOMING EVENTS

DLF New England Boston Lights 2016
October 26 | Westin Hotel, Boston, MA

IIDEX Canada 2016 - The Building Show
November 30 - December 1 | Metro Toronto Convention Centre, Toronto, ON

EDUCATION › AIA/CQLP/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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