

July 11, 2016

DOE Solid-State Lighting News Roundup

Scan this summary to catch up on DOE SSL news from the last few months.

OLED lighting gets [first-ever GATEWAY report](#). This pioneering project provides valuable feedback to OLED, component, and luminaire manufacturers alike. Successes include warm color, very good color rendering, and minimal shadows; challenges include a lack of dedicated OLED drivers on the market.

[July 28 webinar](#) to spotlight OLED capabilities, challenges, and potential. What's needed to make OLEDs competitive with LEDs and fluorescent? Join the discussion and hear highlights from a new [OLED study](#) that details the current state of available products plus the technology and market hurdles that prevent wider use.

GATEWAY report examines [unanticipated illuminance changes](#) in a high-temperature environment. Read the third report in a series documenting the performance of LED luminaires in the Yuma (AZ) Sector Border Patrol Area.

New videos offer fast tutorials on specifying, controlling, and testing [color-tunable LED products](#). Four brief videos help provide a better understanding of considerations and control options. Learn what cut sheet information specifiers need to see, and view guidance for testing and reporting performance results.

Did you miss DOE's [LIGHTFAIR booth sessions](#) this year? Check out the presentations for a glimpse of the hot topics addressed during our vendor-neutral sessions and discussion forums, popular among attendees looking for expert Q&A on today's toughest lighting issues.

Congrats to the winners of the 2016 [Next Generation Luminaires](#)TM competition! Also at this year's LIGHTFAIR, DOE recognized 25 products — 16 indoor and nine outdoor — as meeting the competition's rigorous requirements. Five of the winners were awarded an additional "Outstanding" distinction.

Were you at DOE's [Connected Lighting Systems Workshop](#) in June? Over 170 lighting and IoT experts convened in sunny Santa Clara, CA, to examine key

barriers and issues impacting development of [connected lighting systems](#). If you missed it, view the presentations online.

Nine R&D projects to share [\\$10.5M to advance SSL technology](#). The selected projects, announced in June, will help accelerate the adoption of SSL technology by improving energy efficiency, reducing costs, and enhancing product quality and performance.

The [2016 SSL R&D Plan](#) is here. This year's report reflects latest stakeholder input and covers key R&D topics that will improve efficacy, reduce cost, remove barriers to adoption, and add value to LED and OLED lighting solutions over the next three to five years — and discusses those applications that drive and prioritize the specific R&D.

And finally...Save the Date! Mark your calendars for the 11th annual Technology Development Workshop, November 16–17! We're “this close” to announcing the city — stay tuned — but in the meantime check out [last year's summary](#).

To find detailed information about DOE SSL news and events, as well as SSL technology trends and performance issues, visit energy.gov/eere/ssl/postings.