

July 12, 2017

DOE Solid-State Lighting News Roundup

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

Learn about the energy-reporting capability of PoE connected lighting systems in a new [report](#). Although Power over Ethernet (PoE) technology has the potential to bring this capability to mainstream lighting applications and has become increasingly viable for LED lighting, it's an unfamiliar concept to traditional lighting users.

Find out how much LED industrial luminaires have changed in the last three years, in a new [Snapshot Report](#) that describes how they've improved in output and efficacy and offer a compelling alternative to incumbent products.

[Presentations](#) from the third Connected Lighting Systems Workshop are available on the DOE SSL website. Find out what the speakers had to say about key issues in connected lighting and what actions are needed to move it forward and forge a new lighting paradigm with deeper energy savings, value-added functions, and improved lighting service.

In-depth [report](#) on the potential impacts of LED street lighting on sky glow, prompted by widespread confusion and misperceptions. The investigation, conducted by DOE together with experts in atmospheric scattering and astronomy, is also the subject of a series of [upcoming webinars](#).

[Presentations](#) from DOE's educational sessions at LIGHTFAIR are available on the DOE SSL website. Vendor-neutral sessions and topic-specific discussion forums were popular among LFI attendees looking for the lowdown on today's hottest and toughest lighting issues – from studies underway at DOE's Connected Lighting Test Bed, to applying IES TM-30, to explorations into color tuning.

Gain insight into how and why color shifts in LED lighting products, and how such chromaticity changes affect useful lifetime, by checking out the LED Systems Reliability Consortium's new [report](#) on color shift's impact on reliability.

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.