Spring is the season of new and innovative products to our industry, and your humble team of judges has narrowed down the Top 10 List for this year's products. Excitement surrounds the product launches of LIGHTFAIR, and we hope you check these amazing products as you venture through the exhibition halls this year.

EdisonReport's 2019 Judges were Dan Blitzer, Richard Wyton, Jim Yorgey, and Ann Reo.

Below is our list of the ten best products or platforms of 2019.

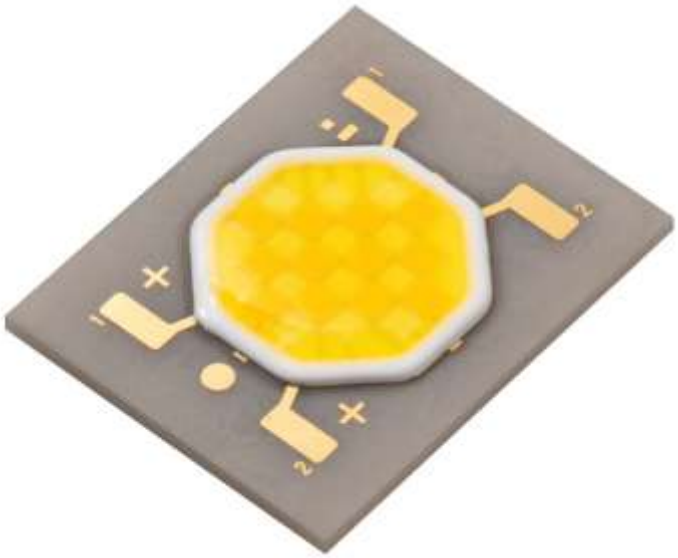
Lithonia, SPANL™, Booth 1201

SPANL™ by Lithonia Lighting®, the newest edge lit LED panel, is revolutionizing the industry by offering a 3D visual effect on a completely smooth lens through a unique and patented process. This one-of-a-kind lens is made from ClearView™ by Lithonia® premium optical-grade acrylic, a material unmatched in the marketplace.

SPANL™ has a regressed frame which integrates completely flush with a TEGULAR ceiling providing a sleek and seamless aesthetic. The SPANL™ sets the bar for quality of light with 360° volumetric distribution to evenly illuminate any space from floor to ceiling. This incredible luminaire boasts 80% more lumens than a standard panel while still producing 130 LPW. The SPANL™ meets and exceeds the comfort requirements every lighting designer wants to achieve.

Nichia, Color Tunable COB, Booth 1119

Nichia's Color Tunable COB provides an innovative CCT tuning solution for human centric lighting applications. Where others use a combination of individual LED's, or multi-cavity phosphor to achieve Color Tunability, Nichia uses a single cavity phosphor technique eliminating the "Tiger stripe" seen in other COB designs.



Available in two sizes, and a CCT range from 2700K to 5000K, Nichia's color tunable COB provides a smaller LES and better color mixing than other options on the market.

Osconiq, Osram, Booth 1701

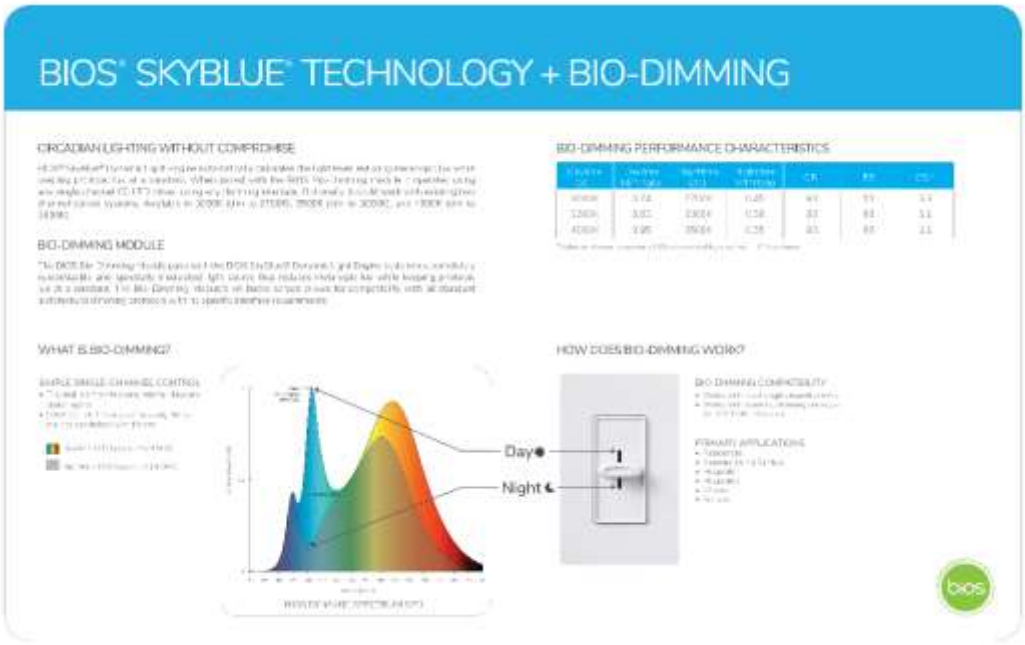
OSRAM Opto Semiconductors' OSCONIQ S 3030 LED boosts CRI 90 performance with its novel Quantum Dot conversion technology. The white mid-power LED features a unique Quantum Dot material with a narrow band red emission. Its spectral purity enables excellent light quality with a minimum CRI of 90 while delivering market leading efficacy (typ. 174 lm/W @3000K, 65mA, 25°C). The QD material is uniquely encapsulated, enabling a reliable on-chip operation and ensuring long lifetimes.

Juno AI Downlight, Acuity, Booth 1201

Juno AI Downlight family with voice control that can: dim to 1%, change to any CCT between 2700-5000K, set scenes and schedules with simple app, play high quality music with invisible speakers, lock doors, change room temperature, work as PA system, provide weather and traffic reports, call 911, order Lyft or Uber, order and track packages, read audio books, call anyone in your contacts, set timers, send reminders, tell jokes, and much, much, much, much more.

BIOS, Bio-dimming system, Booth 2653

The Bio-dimming system, which just won the Sapphire Award for best product in Lighting for Health and Wellbeing, takes all the guesswork and expense out of circadian lighting. This module is an LED board and current steering module that works with any single channel driver and any dimming protocol (i.e. 0-10v, ELV, DALI, etc.) to create brighter days and darker nights via a single dial. The system is offered to the public via OEM partners. Partners include Axis, Bartco, Lumenwerx, Pinnacle, and Spectrum Lighting, with more to come by LIGHTFAIR and shortly thereafter.



BridgeLux, Vesta Flex, Booth 401

Bridgelux Vesta® Flex is a family of dual channel LED drivers and wired and wireless control modules designed to reduce the cost of connected tunable white luminaires. Compatible with many communications protocols including Wi-Fi, Bluetooth Mesh, DALI and 0-10V, this comprehensive system enables simplified future-proof design flexibility for lighting OEMs to develop luminaires with interoperability to meet the needs of their projects.

Vesta Flex is optimized to work with Bridgelux Vesta Tunable White LED sources, delivering a light engine guaranteed to work together out of the box and to simplify the overall design process.

Signify, LiFi, Booth 1401

LiFi is a two-way, high-speed wireless technology similar to WiFi but uses light waves instead of radio waves to transmit data. Philips Lighting's office luminaires enabled with LiFi technology provide broadband connection with a speed of 30 Mb per second (Mb/s) without compromising lighting quality. With 30Mb/s a user can stream simultaneously several HD quality videos while having video calls.

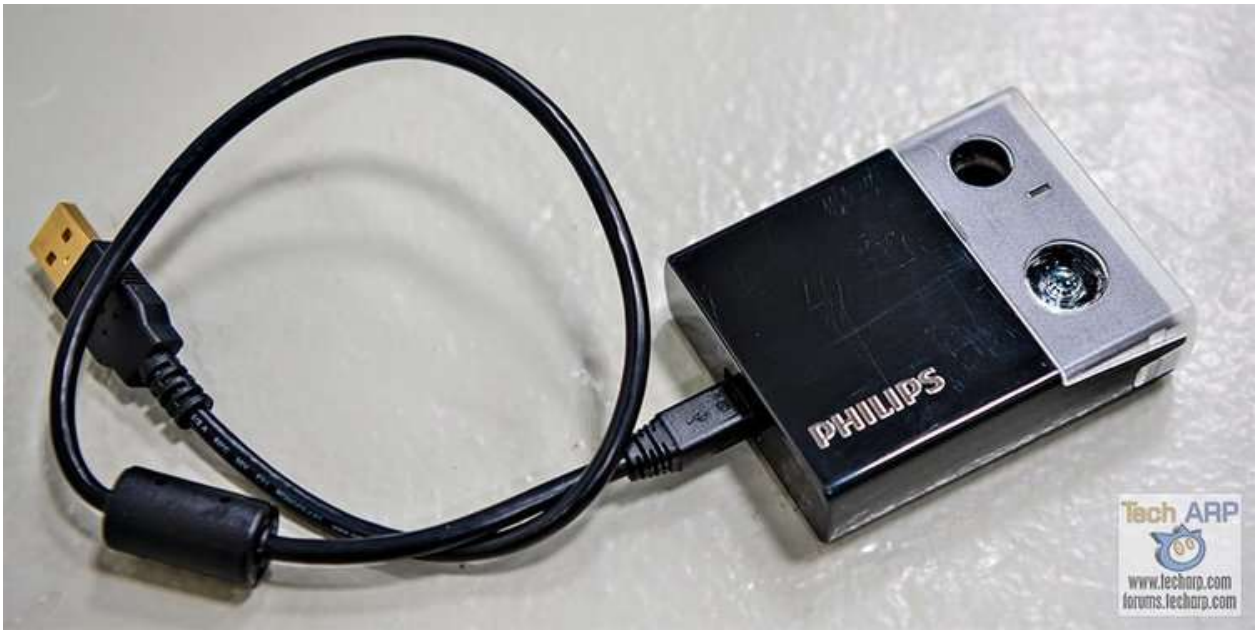


Photo from TechARP

Philips Lighting leads the way in offering seamless hand-over between light points; meaning that as a user moves from one side of a large office to another, they maintain their connection as one light point hands off to another. The coverage-zone provided by Philips LiFi-enabled luminaires is also believed to be the widest in the market. The company has LiFi-enabled normal office luminaires that provide quality energy-efficient light.

KFL Flood, Hubbell, Booth 1425

KIM Lighting has combined RGBW configurations that utilize multi die chips under a single optic to provide homogenized color mixing inside the KFL Flood Series. It offers consistent and precise color without the “rainbow” effect of color separation on a target surface.

A one-piece back housing has internal sealing compartments and decorative vents to allow for air flow without the appearance of bulky external fins. In a world of increasing complex controls, KIM Lighting offers the ability for full DMX capabilities as well as a simple and cost-effective Bluetooth control via smartphone app.

Lumenart, X-Series, Booth 2630

Lumenart is introducing a series of 3D printed lighting diffusers. These shades are printed with a renewable biodegradable biopolymer. 3D printing allows for scalable designs, so most fixtures are available in three sizes ranging from 11" to 55" tall and 8" to 16" diameter.

Using a neutral translucent white, the fixtures take on the color temperature of the LED source inside. Lumenart offers 2700, 3000, 3500 and 4000k LED sources.

The complex and unique window pattern would require expensive tooling for injection molding but is not needed for the printing process. Lumenart can create custom designs for small quantities without expensive upfront tooling costs.

McWong, Outdoor controller, Booth 5310

McWong's Bluetooth®-enabled Smart Outdoor Lighting Control platform offers robust control capabilities through a range of devices: microwave and passive infrared motion sensors; 1- and 2-channel fixture controllers; and photocell.

With Bluetooth 5 compatibility for robust networking and communication capabilities, light level and color tuning control and low-voltage connectors, the system offers flexible, future-proof control, the ability for luminaire manufacturers to ship luminaires “IoT-Ready”, as well as the ability to seamless coordinate control of outdoor and indoor lighting on a single platform.