

Show preview release:

Lightfair International (LFI 2016), San Diego.
LED Engin located at Booth 1361

**Bluetooth mesh-controlled light engine
is the world's first for tunable white linear luminaires**

San Jose, CA, USA – 26 April 2015: At LIGHTFAIR International (LFI 2016), LED Engin, Inc. will demonstrate its LuxiTune™ linear dynamic light engine – the world's first Bluetooth® low energy (BLE) mesh-controlled tunable white solution for linear luminaires. Adding a comprehensive BLE interface enables end users to wirelessly configure, control and manage linear luminaires to produce dynamic, coherent and fully tunable lighting schemes seamlessly.

Installed in a 4 x 4 x 48 inch fixture such as a slot or pendant, the linear light engine delivers 650lm/ft out of the diffuser. At full intensity, CRI is over 90 at 3000K and color uniformity is three MacAdams or better over the module length. Dimming is smooth, flicker free and goes down to 3%. As well as enabling control via a BLE mesh network, the LuxiTune™ linear light engine also interfaces seamlessly with third party 0-10V, Dali, DMX and Zigbee controllers.

By employing the latest BLE mesh protocol, the module ensures the security that large commercial applications demand if they are to be controlled from smart devices. BLE provides multi-level secure access to both the control system and mesh network.

President and CEO of LED Engin, David Tahmassebi, comments: "While tunable LED modules for directional lighting may have addressed the challenges of making tunable light appear more natural, uniform and vibrant, linear light fixtures still face hurdles in achieving an enhanced tunable solution. LuxiTune's linear dynamic light engine delivers precise color control and unrivalled uniformity across the module length."

Also on show on booth 1361, LED Engin's will demonstrate its LZP RGBW and LZ7 emitters, which are particularly suited to architectural lighting, accent lighting and effect lighting. Its LZP RGBW MCPCB with connector has the exact same form factor as LZP LuxiTune™ MCPCB and therefore a tunable white fixture may be converted to an accent lighting fixture by simply using the LZP RGBW board.

About LED Engin, Inc.

LED Engin, based in California's Silicon Valley, specializes in ultra-bright, ultra-compact solid state lighting solutions that allow designers and engineers the freedom to create uncompromised yet energy efficient lighting experiences. The company's LuxiGen™ Platform - an emitter and lens combination or integrated module, delivers superior flexibility in light output, ranging from 3W to 90W, a wide spectrum of available colors, including whites, multi-color and UV, and the ability to deliver upwards of 5,000 high quality lumens to a target. The small size combined with powerful output allows for a previously unobtainable freedom of design wherever high flux density, directional light is required.

LED Engin products are sold directly through LED Engin sales channels and its distributors. They are available for immediate sampling. For additional information, or to find a sales representative, please visit: www.LEDEngin.com.

About LIGHTFAIR International

LIGHTFAIR International (LFI 2016), one of the world's largest annual architectural and commercial lighting trade events, is held between April 26 - 28 at San Diego Convention Center. For more information, visit www.lightfair.com.