

## **Small Form-Factor Tunable-White LED Light Engine Enhanced with BLE Control Interface for Smart Lighting Applications**

**San Jose, CA, USA: February 2, 2017:** Combining a compact form factor with the latest platform features, the LuxiTune™2.3 tunable white light engine announced by [LED Engin, Inc.](#), a leader in high flux density LED products, targets the same track-lighting and small down-lighting applications as its Gen 2.0 products, while delivering the added performance and controllability benefits that were introduced with Gen 3.0. These advances, which include smooth deep dimming to 0.5%, no e-flicker and no visible flicker, also extend to additional control interfaces for DALI, DMX-RDM and Bluetooth Low-Energy (BLE) through daughter cards, that customers can chose to wire into their fixtures.

LuxiTune 2.3 is a 46mm diameter, 1100lm, single-emitter light engine that provides a replacement for LuxiTune 2.0 products. The Gen 2.3 hybrid board takes advantage of the thermal performance characteristics of 'dielectric in metal core' printed circuit board technology to integrate both the emitter and 0-10V driver in this more compact format. Besides bridging the gap between LED Engin's Gen 2.0 and Gen 3.0 tunable-white solutions, LuxiTune 2.3 is also offered at a lower price so fixture manufacturers can derive the most value.

With wireless control becoming an increasing requirement, the LuxiTune BLE daughter-card designed with technology from Casambi, is key to enabling BLE mesh-networked lighting installations. The interface was developed to be compatible with LuxiTune's firmware and plug into the Gen 3.0 driver board and has been available for some time. LuxiTune installations can be commissioned and controlled using the Casambi App that provides an end-to-end solution. Now, of course, it also supports the LuxiTune 2.3 light engine, opening up an even wider range of smart-lighting possibilities.

### **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

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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](http://www.LEDEngin.com).