



## Luminus and Opulent Americas Design the First Linear Dim-to-Warm Module Compatible with Standard Dimmers and Single Channel Drivers

*On-board IC ensures color consistency with spots and linears on a single dimmer*

**Sunnyvale, Calif., and Raleigh, NC** (November 1, 2019) - Luminus Devices and Opulent Americas today announced new linear dim-to-warm modules that simplify system design and ensure color and tone consistency between linear and spot luminaires. Each module has an on-board IC that enables dynamic CCT control from a single channel LED driver and a standard dimmer switch. Using the same LEDs and IC as the Luminus CDM modules, which are commonly used in spot applications, ensures that the quality, and tone of the light, will be consistent across a space that is illuminated with both linear and spot luminaires, and that the dim-to-warm performance will be identical to observers. The initial linear modules have industry standard Zhaga footprints and are available in 560mm (22") length. All modules offer 90+ CRI and dim from 3000K to 1800K.

"With these new linear modules, we and Opulent are addressing the 'three Cs', cost, complexity, and consistency, that are slowing adoption of dim-to-warm and tunable white applications," said Tom Jory, VP of Illumination at Luminus. "Cost and complexity are resolved by requiring only a single channel driver and a standard dimmer. Consistency is resolved by using the same LEDs and IC chip on both linear and spot module solutions so that illumination is consistent when both styles of luminaires are in use."

"Working closely with Luminus we are able to produce both standard and custom versions of the linear modules with LEDs that already have 9,000 hours of LM-80 data," said Robert Higley, Applications Engineering Manager at Opulent-Americas. "OEMs that need custom dimming curves or other special electrical, optical, or mechanical features are easily accommodated via our advanced manufacturing program."

The new linear modules are available now through Opulent Americas' distribution channels, [www.opulent-americas.com/buy](http://www.opulent-americas.com/buy), [Digi-Key](http://Digi-Key) and [Mouser](http://Mouser). For custom solutions, contact [info@opulent-americas.com](mailto:info@opulent-americas.com).

### About Luminus Devices, Inc.

Luminus, Inc. develops and markets solid-state lighting solutions (SSL) to help its customers migrate from conventional lamp technologies to long-life and energy-efficient LED illumination. Combining technology originated from the Massachusetts Institute of Technology (MIT) with innovation from Silicon Valley, Luminus offers a comprehensive range of LED solutions for global lighting markets as well as high-output specialty lighting solutions for performance-driven markets including consumer displays, entertainment lighting and medical applications. Luminus is headquartered in Sunnyvale, California. For additional information please visit [www.luminus.com](http://www.luminus.com).

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### Linear Modules At-a-Glance

- 560mm x 22mm (22 inch) medium flux density
- Dim-to-warm 3000K to 1800K
- Luminus precision dim-to-warm IC technology
- Wide operating range: 350 to 900mA
- 36V nominal @ 700mA
- 90+ CRI across full dim range
- Single channel driver and standard dimmer switch



### **About Opulent Americas**

Opulent Americas accelerates the adoption of LED technology through simple, modular products and custom designs. Through 30 years of experience, state of the art manufacturing, full traceability and advanced quality controls, Opulent offers solid state lighting components, starboards, linear modules and custom solutions for the consumer, medical, automotive and general lighting industries. The North Carolina based office provides quick engineering & sales support with an R&D lab for prototype development and custom solutions. In-house global manufacturing capabilities allow for both building in the United States as well as overseas at scale.

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