



# TECH LIGHTING®

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## **Tech Lighting Launches New Industry Standard for Undercabinet Lighting: Unilume Delivers LED Efficiency with Consistent Wash of Light**

*Company's Entry into Undercabinet Category Leverages Innovative ChromaLit™ Remote Phosphor Light Source Technology to Transform LED for Ultimate Illumination*

**CHICAGO (January 5, 2012)** – [Tech Lighting](#) today announced a new industry standard in [undercabinet lighting](#) for residential and commercial use. The new 13-inch and 19-inch [Unilume LED Undercabinet System](#) fixtures will be unveiled at the Dallas International Lighting Market, January 19 – 23 (Showroom #4705-TM). Using an Intematix ChromaLit™ remote phosphor light source – a separate linear phosphor element resembling a lens rather than phosphor applied directly to the LEDs – the Unilume produces an even, glare-free wash of light along its entire length.

“Undercabinet lighting was one of the first applications to go [LED](#),” said Tech Lighting General Manager Josh Weiss. “Since then, with the majority of [undercabinet fixtures](#) designed around traditional undercabinet housings, there has been little in the way of innovation. We decided to enter the category only if we knew we could advance it, and with Intematix’s ChromaLit technology, we are confident we can do just that.”



*Unilume offers an even, glare-free wash of LED light.*

Most [LED undercabinet](#) solutions utilize a few discrete LEDs placed several inches apart. When viewing the fixture from below, each LED appears extremely glary – particularly in the sight-line of a young child. Further, unattractive dots of light appear on any reflective surface like a granite countertop, and the light from each LED hits objects below at different angles, creating separate and distracting shadows for every LED within the fixture.



In contrast, the Unilume uses 30 LEDs per foot, a 98% reflective mixing chamber and a remote phosphor element, which illuminates as a single crisp bar of light. This is both attractive as well as easier on the eyes when seen from beneath, and eliminates the “multi-shadow” effect making it more desirable in a task application such as working on a cutting board or when displaying merchandise. The Unilume is thinner and narrower than other undercabinet fixtures, as well.

“Unilume has several other benefits over traditional LED undercabinet solutions,” continued Weiss.

“Because it eliminates the need for a diffusing lens, it’s extremely energy efficient, and we’re able to achieve 50 to 60 lumens per watt depending on the length. Further, the entire lens is illuminated and sits at the surface of the housing creating a much wider beam distribution. This makes it possible to use fewer undercabinet units spread at greater distances. Finally, because the phosphor sits away from the LED, it remains cooler, which ensures greater color consistency over time.”

Unilume is being offered in 13-inch and 19-inch lengths. Jumper connectors make it easy to link one unit to another. An integrated LED driver eliminates the need for an external power supply and allows for smooth dimming down to 15% using either a TRIAC incandescent dimmer or a low-voltage electronic dimmer. It is available in 2700K or 3000K as well as 80+ CRI or 90+ CRI for the most discerning applications. The Unilume system offers minimalist yet rugged design, with heavy-gauge aluminum housing and die-cast steel end-caps, all sitting less than ¾” deep.

Tech Lighting is previewing all of its [2012 offerings](#) in advance of their launch at the show in an online version of the new Tech Lighting Supplement, the link to which is on the company’s home page, at <http://www.techlighting.com>. The section on the Unilume LED Undercabinet System begins on page 14 online.

Dallas Market Center  
Showroom #4705-TM  
2100 Stemmons Freeway  
Dallas, TX

*To set up an appointment in advance, please call the contacts on this release.*



**About Intematix:**

Intematix Corporation is a materials development innovator, providing customizable, patented phosphors and phosphor components that serve as the foundation for high quality, energy efficient LED light. Intematix products enable attractive, vivid color quality, superior consistency, uniformity and stability. Headquartered in Fremont, California, Intematix maintains R&D, manufacturing, business and support operations in the United States, Asia and Europe. To learn more about the company, please visit [www.intematix.com](http://www.intematix.com). ChromaLit is a trademark of Intematix Corporation.

**About Tech Lighting:**

Tech Lighting offers a family of decorative accent lighting brands including Tech Lighting, Wilmette Lighting, T~TRAK, ELEMENT, and tiella. Known for its sophisticated, modern designs combined with the latest advancements in lighting technology and expert craftsmanship, the company has been a premier choice of architects, lighting designers, interior designers and homeowners since 1988. Tech Lighting is a Generation Brands company. Tech Lighting's products can be found in lighting retailers and through sales representatives across North America. For detailed product information, visit [www.techlighting.com](http://www.techlighting.com), and for news and decorating ideas, go to [www.facebook.com/techlighting](https://www.facebook.com/techlighting).

**About Generation Brands:**

Generation Brands is one of America's leading companies serving the lighting, electrical wholesale, home improvement, home décor, and building industries. The company has an outstanding portfolio of fashionable and functional lighting fixtures, ceiling fans, and decorative products that provide value and growth to its customers and end-users. The company's success is derived from its ability to serve its customers and end-users with superior service, leading edge design, and outstanding quality.

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