



AlbEO Introduces White-LED Lighting System with Occupancy Sensor for Energy Savings and Title 24 Compliance

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AlbEO provides energy saving Title 24 lighting solution that features high brightness white-LEDs and a miniature occupancy sensor in and an aesthetic easy-to-use package.

PR9.NET November 21, 2005 - Boulder, CO – AlbEO Technologies Inc. takes solid-state lighting to the next level in energy savings by integrating a miniature occupancy sensor into its successful Talea white-LED light, creating a highly-efficient, easy-to-install fixture for residential, commercial, and industrial applications. By greatly reducing energy consumption, and eliminating bulb replacement costs, the Talea-PIR can save consumers \$1,000s while providing a unique and aesthetic lighting solution.

AlbEO's Talea-PIR can be used in most applications throughout the home to satisfy California's new 2005 Title 24 energy code, giving consumers an alternative choice to fluorescence.

"AlbEO will continue to take the lead in applying LED technologies to applications that make the most sense. We expect that the passive infrared (PIR) occupancy sensor option on the Talea-PIR will fill a growing need for Title 24 lighting products in California. The Talea-PIR SSL combines high efficacy white-LED technology with an occupancy sensor to maximize energy savings," said Peter Van Laanen, CTO of AlbEO "This is noteworthy because most high efficacy lighting technologies, such as fluorescence, suffer shortened lifetimes when controlled by motion sensors while LED lifetimes are not effected by switching."

White-LED solid-state technologies are rapidly changing the world of lighting by offering innovative products that fundamentally change the nature of lighting. These benefits include:

- LEDs eliminate maintenance costs,
 LEDs require 10 to 100 times LESS maintenance than other lights
- LEDs greatly reduce thermal loads
 LEDs run 10 to 20 times cooler than other lights
- LEDs last for 50,000 to 100,000 hours
 LEDs last 10 to 100 times longer than other lights
- LEDs are highly resistant to shock and vibration
 LEDs have no glass or filaments to break
- LEDs are extremely safe
 LEDs run on low voltage, no EMI, low temperature
- LEDs eliminate recycling costs
 LEDs do not contain mercury and are NOT considered hazardous waste unlike fluorescent bulbs
- LEDs provide full scale control of light levels
 LEDs are continuously adjustable from off to full on
- LEDs offer the smallest form factors
 Thinnest lights available

Even without Title 24, the new Talea-PIR makes an excellent light fixture for many locations by eliminating the need to install a switch. Available with 60 or 120 LEDs at 3000K and a beam spread of WFL55 or at 5000K CCT with beam spreads of NSP15, NFL30, and WFL55, the Talea-PIR is a lighting system that can be used just about anywhere and provide the user with the immediate benefits of LED lighting. With this new addition, the Talea SSL product line is now available in standard, waterproof, and occupancy sensor enhanced versions delivering a wide range of lighting solutions for every consumer. For more details and pricing contact Jeff Bisberg at 866-825-5420 or visit us at www.albeotech.com.

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About AlbEO Technologies Inc.

AlbEO Technologies Inc. combines a deep understanding of electro-optic system design, supply chain management, and product development to deliver user-friendly, superior output, highly reliable LED lighting products for residential, commercial, and industrial applications. Located in Boulder Colorado, AlbEO brings over 40 years of experience in commercializing state-of-the-art technologies to deliver cost effective products that solve real customer problems.

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