

The Fresno Bee

Ledalite Introduces Airwave - New Self-Powered Wireless Lighting Control

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VANCOUVER, March 19 /PRNewswire/ - Ledalite Architectural Products (www.ledalite.com), a division of Philips (www.philips.com), introduces Airwave - a revolutionary set of wireless and self-powered lighting controls for use with its luminaires that help save money, energy and the environment.

Airwave battery-free controls use solar power and kinetic energy to wirelessly communicate with light fixtures. Just the simple little motion of pushing a self-powered Airwave light switch captures enough kinetic energy to transmit wireless RF commands allowing lights to dim or turn ON/OFF. Similarly, Airwave photosensors - powered by tiny integral photovoltaic cells - monitor ambient light levels and wirelessly signal luminaires to reduce output and save energy when there is sufficient daylight in the space. Airwave is a simple, green solution that makes lighting and control systems more personal, flexible, energy efficient and cost-effective than ever before.

"Ledalite has been a market leader and outspoken advocate for the adoption of more personalized, intelligent, distributed controls," said Tim Berman, President of Ledalite. "With the advances of wireless communication and miniaturized energy harvesting technology, Airwave takes energy savings and controls to a whole new level - giving people greater control of their luminous environment while simultaneously eliminating many of the traditional obstacles like hardwiring, complex installation, and cost. Airwave is a way to enhance our experience inside the built environment and positively impact our natural environment," added Berman.

With no hardwires and no batteries required to operate, Airwave components can be mounted virtually on any surface including glass, concrete, tile and wood. Using wireless controls can reduce the amount of copper wiring infrastructure required in a facility by up to 30% while also distributing access to lighting control to multiple users. No special devices, hardware or software are required to get going, as all start-up and reprogramming can be done with the wireless switch. Airwave components are compatible with other common energy savings devices including occupancy sensors and Ledalite's own Response fixture integrated daylight harvesting sensors. For more information, visit www.ledalite.com/airwave.

About Ledalite

Ledalite creates ergonomic lighting products and technologies for commercial and institutional markets across North America, South America, Europe and Asia. The company is committed to providing energy efficient lighting solutions that benefit the environment while offering maximum visual comfort for the people who use them. Founded in 1982, Ledalite is a Philips Group Brand and is ISO 9001 certified.

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