Press Release

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i2Systems Delivers LED Elevator Downlights Offering 75% Energy Savings

ANSI-Binned LUXEON LEDs & Support Services Supplied by Future Lighting Solutions

Montreal, Quebec – July 13, 2010 – LED lighting developer i2Systems is now shipping the first solid state elevator downlights to be rolled out in volume, chopping energy consumption by 75% over conventional halogen models as well as lengthening lamp life from as little as 1,000 hours to 50,000. The new Apeiron A1161 fixtures utilize ANSI-binned LUXEON® Rebel LEDs and associated support services supplied by Future Lighting Solutions.

The energy savings is significant because in-cab recessed lights account for as much as 70% of the energy costs involved in elevator operation. The use of i2Systems' 5W recessed fixtures instead of 20W halogen versions makes it possible to light a six-downlight elevator cab with just 30W of power instead of 180W. The long LUXEON lifetime further reduces total cost of ownership by eliminating 19 out of 20 relampings, dramatically reducing replacement bulb expenses and related labor costs.

Each Apeiron A1161 fixture has a 200-lumen output and is available with a choice of cool, neutral or warm white LEDs that have been tightly binned for color consistency through Future's inventory management program. The use of ANSI-binned LEDs ensures an optimal combination of color temperature and color rendering while also enabling the emitters to qualify for the U.S. Department of Energy's ENERGY STAR® program.

The small LUXEON Rebel form factor enabled i2Systems to achieve a high lumen density that helped produce a uniform beam free of telltale LED "dots," while the amount of forward light in the Rebel beam pattern helped deliver a wide 120° light distribution to illuminate both the floor and the walls of the elevator cab.

A single power supply enclosure installs into the cab ceiling for simple wiring and easy serviceability, thanks to low LED power consumption that minimizes the size and weight of the transformer required to handle the necessary voltage conversions.

A detailed case study is available at www.futurelightingsolutions.com/

About Future Lighting Solutions

Future Lighting Solutions (www.futurelightingsolutions.com) is a leading provider of LED lighting components and support services for solid-state lighting products and installations, including engineering expertise, concept development, full system solutions and online tools that accelerate quality application development. The company is a division of Future Electronics.

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