

LEDnovation Case Study: Grand Victoria Casino Elgin, IL

Chicago area casino is one of the first in the region to install LED lamps for enhanced lighting and significant energy savings.

Overview

October, 1 2012 -- The Grand Victoria Casino, a 29,000 sq foot facility with 1150 gaming machines and 29 gaming tables, was looking for ways to reduce energy consumption and maintenance costs while adhering to the company's Green sustainability program. Earlier this year the engineering staff began investigating the performance claims of LED technology by installing many different LED products from leading lighting companies.



Major factors in the evaluation included: improved lighting, energy savings, utility rebates, warranty, dimming, quality, color rendering and compatibility with CCTV and video surveillance systems. Additional factors considered were domestic design and manufacture and security review from the Illinois Gaming Board. The casino's promotion "Excite the Senses" means that they had to insure that the system met or exceeded the existing lighting standards.

Solution



After many months of testing, LEDnovation was chosen. The project was installed and completed in time to qualify for Com Ed's 2012 rebate program which provided an incentive check in excess of \$14,000. LEDnovation was selected primarily due to lamp efficiency, aesthetics, lumens, and superior color. A combination of PARs, MR16s and A19's were installed totaling several thousand lamps saving over 66,000 watts.

The payback was calculated to be well under two years. Israel J. Morejon, CEO of LEDnovation commented “we are delighted to be part of the Grand Victoria up-lamping and continue to serve the casino and hotel industry”.

Post Installation

Comments about the lighting levels since the installation have been very positive. Lighting levels on the gaming tables were increased when needed. Even the visual impact on the carpeting due to high CRI has been improved, complementing the architectural theme throughout the casino. The project is covered by a 5 year warranty which protects against light loss and color shift, which is unique in the industry. LEDnovation has proven to be the right choice for the design and implementation of this project.



About LEDnovation - Change without compromise

Offering a full spectrum of LED replacement bulbs, LEDnovation is leading innovation in the field of solid state lighting. Solid state, or LED lighting generates light from complex semiconductor materials, eliminating much of the wasted energy that has been inherent to electric light-generation for over a century. By combining multi-disciplinary strengths in electronic systems, power supplies, thermal and optics design, LEDnovation has succeeded in developing one of the highest efficacy warm white LED replacement lamps available, offering a winning business case and rapid return on investment to commercial clients and property operators. The company is headquartered in Tampa, Florida and designs and manufactures its products in North America.

For more information, visit <http://www.LEDnovation.com>

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