

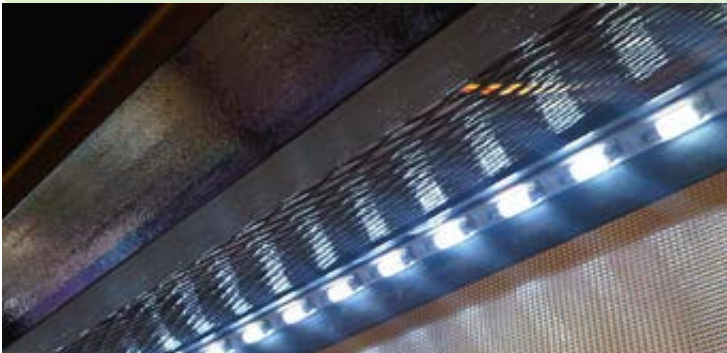


CASE STUDY: CASINO FANDANGO

LEDs Light Up Casino Fandango

Lighting plays a key role in attracting customers to a casino and drawing them to specific areas on the casino floor. Casino Fandango in Carson City, Nevada, wanted a more efficient alternative to the neon lighting installed for decorative features and ambiance. So, the company used incentives from NV Energy to successfully switch the neon lighting to energy-efficient LED lighting.

LED lights use less energy than neon lights and emit almost no heat, which reduces the cooling load. In addition, recent advances in LED technology have produced a variety of replacement options for neon lighting systems. Casino Fandango selected a product designed for channel letters to replace the neon lighting under booth seating and serving areas in the buffet.



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Project Summary

The modular design of the LED system provided notable flexibility during installation. The system can twist and turn like neon lighting and can be cut at any point between the modules. Because of the flexibility of the system, in-house staff installed the new LEDs with ease. Available in a variety of colors, the new system is also water resistant and can be installed anywhere in a facility.

While neon lighting is more efficient than incandescent, it is costly to operate and even more costly to repair. Like incandescent lamps, neon emits heat, which adds to cooling requirements. By utilizing the LED system, Casino Fandango reduced its lighting load and provided a showcase for a new, more efficient technology.



Energy-saving Equipment

As a result of the lighting retrofit, Casino Fandango can expect energy savings of more than 22,000 kWh annually. The combination of reduced lighting energy use, less heat output and installation ease contributed to a winning lighting retrofit for Casino Fandango.



Project Results

Building Type: Hotel/Casino

Project Type: Lighting retrofit

Measures: LED

Incentive: \$1,288

Projected Annual kWh Savings: 22,167