

EXIT



WESTINGHOUSE
LIGHTING
SOLUTIONS



OUTDOOR FACILITY

FOXWOODS CASINO PARKING FACILITY

Ledyard, Connecticut
(Mashantucket Pequot Tribal Nation)

BENEFIT:
\$500,000+ Annual Savings

Foxwoods Casino gambled and won more than \$500,000 a year in energy savings after choosing Westinghouse Lighting Solutions to retrofit over 8,000 fixtures for its indoor parking garages. Westinghouse created a customized lighting solution that saved the casino a small fortune with no drop in light levels in the garage. As security is always a big concern for casinos, not only do the new fixtures maintain safe light levels, but they also enhance the clarity of the video security cameras due to higher CRI lamps.



For more information call 1-877-445-5900 or email info@NationalEnergy.biz

PROJECT BACKGROUND

Many parking garages utilize inefficient light fixtures that provide poor lighting while requiring tremendous amounts of energy. The parking garages at the Foxwoods Casino in Ledyard, Connecticut were no exception.

Foxwoods approached Westinghouse Lighting Solutions to design an energy efficient lighting system that would not only save on their operating costs but would provide a durable fixture. In addition, they asked for improvement in light levels and light quality within their parking garages to provide better surveillance visibility.

THE WESTINGHOUSE SOLUTION...

Westinghouse conducted an audit of the Foxwoods facility and found a mixture of HID fixtures that they were currently using. The majority of fixtures within the Foxwoods Casino were High Pressure Sodium, providing an extremely low light quality.

The HID fixtures at Foxwoods were found to have a CRI (Color Rendering Index) rating of 25 making it extremely difficult to distinguish colors and causing the garage to appear dim. The V4 Series, which is a 2 lamp T8 Vapor Tight Fixture that Westinghouse selected for the Foxwoods Casino parking garage has a CRI of 85. As a result, those fixtures give off a much cleaner and crisper white light enabling colors to be more easily distinguished. This provided a much more appealing look to the garage and a safer environment for their customers and employees.

Westinghouse has provided this solution for various other clients and has shipped thousands of V4 Series fully enclosed and gasketed light fixtures retrofitting most HID systems. Another added advantage of the Westinghouse Fluorescent solution is an instant restart of the luminaire in the event of a momentary power outage. A Metal Halide or High Pressure Sodium system takes about 15 minutes to restart due to the cool down time.

The V4 Series also has an IP(Ingress Protection) Rating of 66, which designates how well the fixture protects against the intrusion of outside objects. This allows the fixture to be installed in outside environments, like parking garages, without having to worry about dust or bugs getting inside the fixture. Also, the luminaire can be washed down with a simple water hose.

PRODUCT FEATURES & BENEFITS (V4)

- **Corrosion and vandal resistant enclosed & gasketed light fixture with wet location rating**

Polycarbonate housings are tough and withstand the weather and abuse. Liquid silicon gasketing seals the fixture from moisture and harmful vapors, bugs and dirt.

- **Light weight enclosed fixture**

Provides thermal management and lamp protection.

RESULTS

The improvement in lighting quality was just one small benefit of the Westinghouse Fluorescent system. Foxwoods Casino has projected over \$500,000 in annual energy savings on 8,000 retrofitted fixtures. Typically a lighting system lasts 10 to 15 years after installation. So, in that time Foxwoods will have generated \$5,000,000 to \$7,500,000 in energy savings.

The energy savings combined with the improvement in light quality, fixture durability, hassle free installation, and ease of maintenance created an easy decision for the Foxwoods management.

“We take great pride in the fact that we were able to help Foxwoods save a tremendous amount of energy and reduce maintenance costs while improving their light quality.” said Larry Schmidt, director of sales, Westinghouse Lighting Solutions



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PARKING FACILITY**
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- **Stainless steel latches & brackets**

Sturdy latches keep diffuser in place, even in vibration areas. Unit features no tools to remove the lamps and gear tray to access the ballast. A stainless steel mounting bracket provides proper spacing and allows for a quick installation on ceilings or walls. V hook also provided for chain hanging.

- **Instant On – No Buzzing or Flickering**

No downtime due to power outages. High b.f. standard on most T8 models

You can be sure...if it's Westinghouse 

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