

## Caribbean Casino - Blackjack Tables

### The Situation

Caribbean Casino operates Las Vegas style gaming tables at its tropical themed casino in Kirkland, WA where lighting is a very important part of the customer experience. The casino's management team was very intrigued with the economical benefits of converting the blackjack table lighting from incandescent bulbs to LED bulbs. Each table consumed 135 watts of power and bulbs alone were costing the casino about \$300 per month.

### The Solution

Because of his focus to continually reduce expenses, Michael Mazeckin, considered the financial scenarios offered by LED Light Technology that would produce a 82% reduction in the electrical load for the blackjack table incandescent lighting and would lower their HVAC expenses.

Equimco offered to convert his 45 watt incandescent bulbs to PAR20 LED bulbs, from LED Light Technology, that consume only 8 watts each. The rated life of the bulbs would increase from approximately 5,000 hours to 50,000 hours or more than 5 years.

Including the energy savings grant for small businesses from Puget Sound Energy, the payback period was shortened from 10 months to approximately 5 months, as approximately 50% of the project cost was funded by a custom energy savings grant. The result of the grant was a net project cost to Caribbean Casino of slightly over \$900.

Installation of the bulbs would be on a bulb-for-bulb replacement basis. No new wiring or conduit was required to install the LED bulbs.

### The Result

Caribbean Casino installed the LED bulbs and electrical energy costs were reduced by over \$1,500 per year.

HVAC expenses were reduced by over \$300 per year.

Maintenance expenses reduced to zero for at least 5 years.

Caribbean reduced their carbon footprint by over 1,900 pounds per year.

Caribbean Casino's return on investment was over 500%.



### Solution Overview

Company: Caribbean Casino

Profile: A Las Vegas style casino in Kirkland, WA

Challenge: Convert the incandescent lighting in a 24/7 casino to PAR 20, energy efficient LED bulbs from LED Light Technology.

Solution: New LED bulbs from LED Light Technology reduced annual power consumption by 82%

Result: An 82% reduction of overall lighting expense, a ROI that was over 500% and overall savings of almost \$2,000 per year.

**EQUIMCO**

Representatives for LED Light Technology



**LED Light Tech**

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