



## LED Lighting – Parking Lot

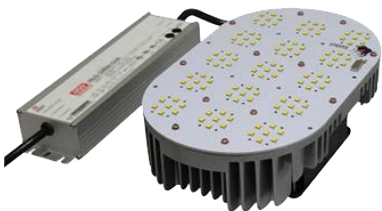
# Las Vegas Casino upgrades parking lot to LED

### Company Profile:

**South Point Hotel & Casino** in Las Vegas, Nevada parking lot pole lighting.

### Project Description:

Eco Energy Pennsylvania surveyed the parking lot for a possible retrofit of existing fixtures. South Point had 800 watt metal halides in a rather unusual and unique fixture. Eco Energy PA recommended a 200 watt retro-kit LED Solution. The client was concerned & confused as to how the retrofit would be installed and if it would produce the light levels needed. It was suggested the client send Eco's Corporate office in Florida a fixture & the client agreed. Eco corporate received, retrofitted & returned the fixture within 24 hours. South Point Casino hung the fixture and were overwhelmed by the light output. Soon after, Eco Energy PA submitted an order for 198 – 200 watt LED Retro kit plates. This project reduced their usage by 75% and with the rebate provided a 16 month Return on Investment.



**Previous Annual Operating Cost: \$72,848.20**

**Current Annual Operating Cost: \$18,212.05**

**Annual Savings: \$54,636.15**

**LED Project Investment: \$104,742.00**

**Less Nevada Energy Rebate: \$31,680.00**

**Net Project cost: \$73,062.00**

**ROI: 1.33 years (Energy Only)**

*“By converting the parking lot to LED Lighting, South Point Hotel & Casino benefited from a total savings of \$54,636.15 annually. “*