

Aladdin Airport Parking

High-Efficiency Lighting & EV Charging Stations

Aladdin Airport parking garage in San Diego, CA is one of the busiest airport parking lots in the nation run by ABM.

Built in 1987, existing lighting was inefficient and outdated and required frequent maintenance with special equipment. Total project cost was \$127,910 with a \$33,312 utility company rebate.

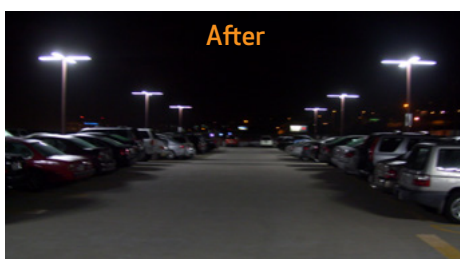
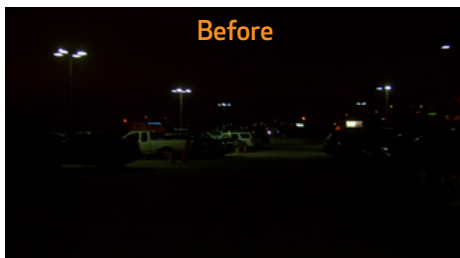
- Annual energy savings of \$42,813
- Simple Payback 2.21 years
- Estimated ROI 45%

ABM Energy and ABM Parking Services were able to deliver a comprehensive solution that was completed with no money out of pocket and had immediate cash flow upon completion.

Maintenance intervals increased 6 times resulting in dramatically reduced costs.

Light levels on rooftop and exterior walls were increased.

Interior light levels were maintained with ½ the lamp lineal footage by going from 8ft lamps to 4ft lamps.



CHALLENGE

- The parking garage had poor light levels, high utility bills and numerous safety concerns
- They wanted to install EV charging stations
- Maintenance on rooftop pole lights and wall lighting had to be performed frequently and required specialty high reach equipment
- No budget for lighting upgrade

SOLUTION

- Installed state-of-the-art T-8 lighting with ½ the lamp lineal footage
- High efficiency T-5 fluorescent lighting on rooftop and wall fixtures
- Government grant for EV stations
- No money out of pocket due to ABM procured rebates and On-Bill utility company financing

BENEFITS

- Light levels on roof and walls significantly improved
- Less maintenance due to increased lamp life old lamp life was 6000 hrs. new lamp life rated at 36000 hrs.
- Positive cash flow from energy savings
- Saved 50% utility spend 619,013 to 317,134 KWH
- Equal to saving 24,516 Gallons of Gas/Yr.
- Equal to saving 46 Acres of Pine Forest/Yr.

ABM works with you to reduce your operating expenses while keeping your property safe, clean, comfortable and energy efficient through integrated or stand-alone solutions.



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