



VALLEY PRESBYTERIAN HOSPITAL - Van Nuys, CA

The Situation

Named the "Best Hospital" by Los Angeles Daily News Reader's Choice Award for 12 consecutive years, Valley Presbyterian Hospital fully understands the need for the highest quality of care required. This responsibility begins even before patients enter the hospital doors, making it essential for the exterior parking lot to be well lit. Hospitals are energy-intensive complexes, and a powerful, yet energy-efficient, lighting system would significantly contribute to the savings on annual utility costs.

The Solution

With twenty-eight 175W and 250W Metal Halide pole lights already in place, Altech Electronics supplied the hospital with our 100 Watt LED Area Lights, complete with a 10-Year Wrap-Around Warranty, to replace the existing ones. The rated 100,000-hour lifespan and superior lumen efficiency of our lights (135 lm/W) provided an evident improvement in both sustainability and performance. By switching to a more energy-efficient lighting solution, Valley Presbyterian Hospital is able to capitalize on nearly \$1,000 in rebates.

Average foot candle readings on the exterior parking lot increased more than 800%, from 2.28 FC to over 21 FC. In addition, due to the rated 100,000-hour lifespan of Altech's LED Fixtures, compared to a rated 20,000-hour lifespan for traditional metal halides, the hospital is looking to save more than \$2,000 annually on maintenance costs. Furthermore, with the sizable reduction in wattage used due to switching to LEDs, Valley Presbyterian Hospital expects over 50% in annual savings on lighting utility costs.

Photos



LED Fixtures Used



Altech Electronics Architectural Series Area Lights

Operating Impact

- 50% + Annual Cost Savings
- Average FC levels increased from 2.3 FC to 21.3 FC
- Diminished maintenance cost of \$2,000 annually.