



PARKING GARAGES

St. Edwards University Parking Garage

Named one of the best colleges by Princeton Review & U.S. News and World Report, St. Edwards University is a private Catholic institution of higher learning. The university offers a liberal arts education and its campus is located on a hill overlooking the city of Austin, Texas.

Challenges

It has always been a priority to university administration that students and faculty feel safe and secure on campus. This was a leading factor in their decision to keep their large parking garage well lit, 24 hours a day. This vigilance came with a financial burden, however, with the garage costing the university nearly \$72,000 a year in energy costs. They decided that they needed a way to save energy costs without compromising the amount of light, and therefore, the safety and security of their students and faculty.

Solutions

The university conducted a year long assessment of different LED and induction lighting fixtures. It was determined that the ActiveLED® Garage Canopy Light would be the best choice with its built-in ActiveREST™ Dimming Technology, motion sensors, IR programmability, and 10 Year, No-Light-Loss Warranty.

ActiveLED® delivered 287 of their 52 Watt, Garage Canopy Lights. The lights were set to dim to a level of 50 when no one is present, and to instantly raise to 100% for 15 minutes once motion is detected. At their dim level the fixtures use only 8.32 Watts, but are still bright enough for the security cameras.



Results

The university is now saving \$57,000 per year with an estimated \$7,000 in additional savings from the fixtures dimming when no one is present. It is also estimated that with the 10 Year Warranty, the university will also significantly save maintenance costs associated in replacing over 900 lamps over the ensuing decade.

“Our garage users have commented on how they love the improved light quality,” said Mike Peterson, Associate Vice President of Facilities. “We have a lot of evening classes for adults. The lights seem to fill the parking structure with natural daylight, making it a very pleasant experience. It’s a nice effect to have along with the massive energy and maintenance savings.”

ActiveLED®, Inc., established in 2007, is an innovator of solid-state technology and manufacturer of commercial and industrial LED lighting fixtures. ActiveLED® is at the forefront of LED lighting technology and has revolutionized the standards of LED lighting to deliver better, cooler, longer-lasting lights that use a fraction of the Watts compared to other fixtures.

ActiveLED® is based in the United States with offices in the United Kingdom, France, Japan, and Singapore.



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Project Summary

Customer:

St. Edwards University, Austin, Texas

Application:

Replace parking garage lighting with energy saving LED Lighting and Controls without rewiring.

Lighting Product:

ActiveLED® CPY1 Series Garage Canopy Light

Before:

287 High Pressure Sodium @ 250 Watts per fixture. Total = 71,750 Watts

After:

287 ActiveLED® CPY1 Series Garage Canopy Lights @ 52 Watts per fixture. Total = 14,924 Watts.

During ActiveREST™ Mode:

8.32 Watts per fixture.

Total: 2,388 Watts

Results:

- Reduction in Watts: Average 89%
- ActiveREST™ Dimming Technology
- Built-in Motion Sensors
- IR Programmability
- 10-Year No-Light-Loss Warranty

“*We couldn't be happier.*”

Mike Peterson
Associate VP of Facilities



Watch Video Here:

<https://www.youtube.com/watch?v=dqn6ilzeXEM>