



EDUCATION

Southwestern University

Southwestern University is a private, four-year, undergraduate, liberal arts college that has been serving the educational needs of Central Texas for over 175 years. As proud of its history as it is of its bright future, the school pledged its support of energy conservation and signed the American College & University Presidents' Climate Commitment to significantly reduce energy usage across all operations.

Challenges

With their rich heritage and historic campus, the university was interested in the light quality and energy savings associated with LED lighting, but concerned about maintaining the historic look and feel provided by their existing lighting fixtures.

ActiveLED[®]
Case Study

Solutions

ActiveLED® engineered a Custom LED Retrofit Kit for the university's acorn fixtures that line the schools sidewalks to provide pathway lighting. Nineteen (19) 32 Watt ActiveLED® Custom LED Replacement Kits were provided as a one-for-one replacement for the existing 210 Watt Metal Halide lamps and ballasts. "It was a good solution," said Bob Mathis, Associate Vice President for Facilities and Campus Services. "It met our requirements for size, relative to our existing light fixture, as well as light output."

Results

The ActiveLED® Custom Retrofit Kits provide brighter, more uniform lighting while saving the facility more than 3,382 Watts, equating to a savings of more than \$2,000 per year in energy and maintenance costs. The existing light posts and globes were spared while allowing the University to maintain the look and feel that celebrates its historic past.



Project Summary

Customer:

Southwestern University

Application:

Facilitate energy cost reductions while maintaining historic ambiance by retrofitting existing pathway Acorn fixtures with ActiveLED® Custom LED Retrofit Kits.

Lighting Product:

ActiveLED® Custom LED Retrofit Kit

Before:

19 Acorn Fixtures with Metal Halide lamps @ 210 Watts per fixture.

Total = 3,990 Watts

After:

19 Acorn Fixtures with ActiveLED® Custom LED Retrofit Kits @ 32 Watts per fixture.

Total = 608 Watts

Results:

- Reduction in Watts: 3,382 Watts
- Payback: 2 years
- University was able to keep their existing fixture housings

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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