



COMMERCIAL

3M Campus

Named one of the world's best brands, 3M is known for innovation in business, display technology, chemical compounds, Scotch Tape, and the Yellow Sticker Pad. Their business campus in Austin, TX houses administration and manufacturing facilities.

Challenges

Lighting the 3M Campus wood paneled hallways was costing the facility over \$15,000 a year. Keeping all of the fixtures lit 24 hours a day was also a challenge requiring constant lamp changes with a reduced maintenance crew to change them. New fixtures were considered, but the cost of a total fixture replacement was prohibitive and administration was concerned about maintaining the architectural look and feel of the space.

ActiveLED[®]
Case Study

Solutions

Asked to review the project and come up with a solution, ActiveLED was able to recommend a total LED retrofit of 3M's existing Paseo Wall Sconces. ActiveLED was able to replace 293, 100W fluorescent lamps with ActiveLED engineered 18W retrofit insert kits.

"We couldn't be happier with the results", stated Buddy Beger, Plant Engineering Technologist. "Our users have commented how they love the improved, consistent light quality; a nice effect to have along with the massive energy and maintenance savings."

"We were very surprised when we found the energy usage has reduced significantly, even exceeding ActiveLED's estimates", Beger continued. "Assuming the light fixtures will last as long as ActiveLED claims, this will have been one of the better investments the facility has made in its facility management and renewal program."



Results

The end result maintained the facility's architectural ambiance while saving 3M nearly \$13,000 a year in energy costs. With ActiveLED's 10 Year, No-Light-Loss Warranty, it's estimated that they will save an additional \$7,000 a year in maintenance costs.

ActiveLED®, a division of Ringdale Instruments®, was established in 2007 and is an innovator of solid-state technology and manufacturer of commercial LED lighting fixtures, providing ActiveLED luminaires with patented, solid-state lighting control and thermal management technology. ActiveLED is based in the United States with offices in the United Kingdom, France, Japan, and Singapore.

Project Summary

Customer:

3M Campus
Austin, Texas

Application:

Hallway Lighting

Lighting Product:

ActiveLED®
Wall Sconce Retrofit Kit
2700K CCT

Before:

293 - Paseo Wall Sconce, Fluorescent
100W Lamps. Total = 29,300 Watts

After:

293 - Paseo Wall Sconce with ActiveLED
Retrofit Lights @ 18 watts each. Total =
5,274 Watts

Results:

- Energy Savings: 82%*
- Energy Cost Savings: \$12,600 / year
- Maintenance Savings: \$7,000 / year

** Over previous lighting

