

GE T8 Fluorescent Lamps with Starcoat™



“We wanted to save energy, but still have a quality teaching environment. A mockup showed this lamp/ballast package met our objectives.”

— Cliff Kernochen
President
Energy Retrofit Group, Inc.

GE T8 Fluorescent Lamps with Starcoat™ technology save energy for California high school district.

In the nation's most populous state, one with a growing student enrollment and a tax authority limited by Proposition 13, the El Monte High School District east of downtown Los Angeles was looking for ways to save energy, but not impact the educational environment.

“The district decided on an energy retrofit program including lighting, air conditioning and controls,” explained Cliff Kernochen, president, Energy Retrofit Group, Inc., Newport Beach, California. “Our responsibility, working with prime contractor Landis & Staefa, was to evaluate the latest in energy saving lighting technology for use in all five high schools and the district administrative offices.”

Based on the evaluation, plus a mockup using the selected lamp/ballast package, Kernochen and his team recommended 32-watt GE T8 fluorescent lamps with Starcoat™ and compatible electronic ballasts to replace more than 25,000 34-watt fluorescent lamps and 10,000 magnetic ballasts.

“Our study showed the new lighting system could raise light levels 20 percent, comply with IES standards and cut energy consumption as much as 65 percent in one school,” the lighting designer noted. **The Starcoat™ technology provides better than 95 percent lumen maintenance over lamp life.**

“The return-on-investment from energy savings is two years, just from lighting, and five years for the total retrofit program. Finally, the T8 lamp with Starcoat™ provides better color rendition, is more efficient at no extra cost and helps enhance the quality of the learning environment.”



GE Lighting