

GMB Lighting and Trading

CASE STUDY:

Fox Lake Toyota, Fox Lake, IL

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SOLUTION DELIVERED



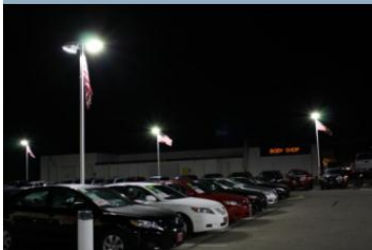
PROJECT OVERVIEW

Problems Encountered: The Toyota dealership in Fox Lake, Illinois wanted to improve their look and image.

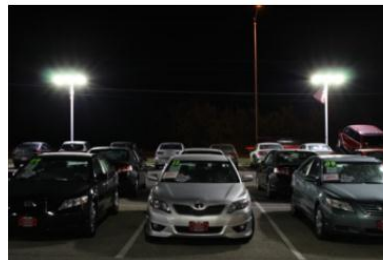
Current light fixtures in the front lot were 400W Metal Halides and the General Manager wanted to increase the amount of light on their front show lot to better display and highlight the new cars and their impressive colors.

In addition to the front show lot fixtures, Fox Lake Toyota was interested in improving their back and side lot lighting by finding new wall pack fixtures that would provide more light and added security.

Fox Lake Toyota was interested in a technology that would save money on electricity as well as on labor and maintenance.



Previous Fixtures	LED Retrofit Kits	Improvement
23 – 400W Metal Halide – 418W ea.	G2-16 LED Retrofit Kits – 288W ea.	More Light on the Ground; Better, Cleaner, Whiter Light; Energy Savings
Annual Energy Costs – \$6,924	Annual Energy Costs – \$2,385	Annual Energy Savings – \$4,539



G2-16 Pole Mounted Area Retrofit Kits - 3 per Pole



G2-6 Wall Pack Retrofit Kits

Previous Fixtures	LED Retrofit Kits	Improvement
14 – 175W CFL Wall Packs – 203W	G2-6 LED Retrofit Kits – 113W	More Light, Better Beam Path; Energy Savings of 44%
Annual Energy Costs – \$1,023	Annual Energy Costs – \$544	Annual Energy Savings – \$479

Mr. Jim Daluga, General Manager for the Fox Lake Toyota dealership stated that....."With the new LED retrofit kits from LED Industries, we have dramatically improved the amount of light and quality of light now illuminating our front lot. While we have doubled the amount of light at the front of the business, we were

still able to reduce our overall electrical consumption by converting to the energy efficient LED technology. We'll also save big on the eliminated labor and maintenance costs since we won't need to change out failed bulbs and ballasts for the next 15+ years."