

# Case Study



## South London Nissan - Ontario, Canada

In an effort to reduce energy costs, South London Nissan elected to replace 60 existing 1,000 watt metal halide parking lot fixtures with energy-efficient LED fixtures from LSI Industries. Built upon LSI's Crossover LED technology, the new LED fixtures are extremely energy efficient with an expected life of up to 100,000 hours. The annual energy and maintenance savings are significant, with less than a 2-year payback. The new LED parking lot lighting, combined with improvements made to the interior lighting (using LSI Ascent fixtures), allowed the client to claim over \$16,935 in ERIP (Electricity Retrofit Incentive Program) Program incentives from the Province of Ontario.

In addition to these savings, the XGB3 fixture delivers crisp, white, uniform lighting across the parking area. The overall appearance is much brighter than the previous lighting, and was quick and easy to install. This is the first Nissan to retrofit with LED in North America, with more to come.

**Products Used:** 60 LED XGB3 area lights (128 LEDs, Type 5 & FTA reflectors)

**Results:**

- Excellent lighting with cutoff
- Quick and easy Installation
- IDA Approved Dark-Sky Friendly lighting
- 80% reduction in annual energy cost (approx. **\$27,578 in savings** as compared to previous Metal Halide fixtures)
- Less than a 2-year payback

