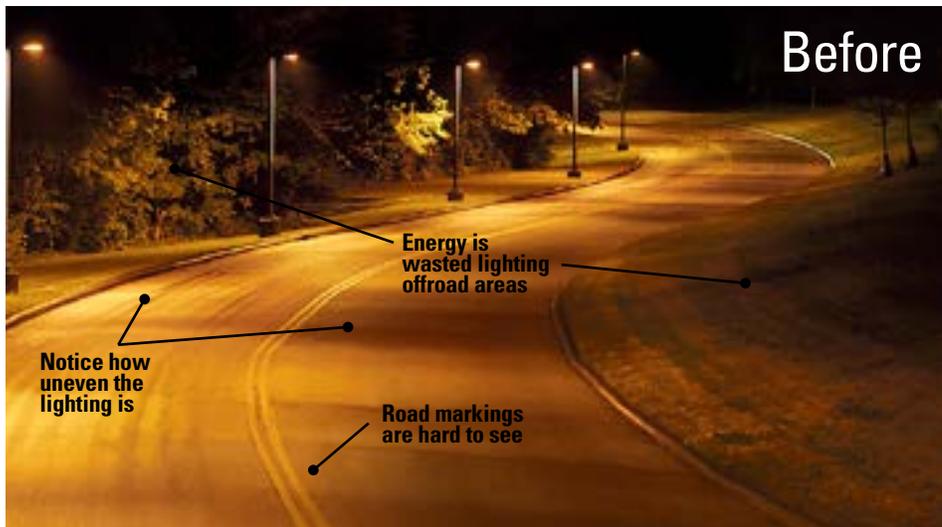


# Paving the Way with Lighting

Limited Brands installs LED roadway lighting at corporate campus



## Project Summary:

The Limited Brand's corporate campus is a sprawling property encompassing a distribution center, corporate offices, maintenance and other mixed-use buildings. With 2 shifts of employees and tractor trailers supplying 24/7 activity on the roadways in and out of the campus, lighting takes on even more importance for safety reasons.

In an effort to reduce energy costs and to address a growing maintenance problem with their current High Pressure Sodium lights failing, The Limited replaced all the fixtures with GE Evolve LED Cobrahead fixture. The new lighting immediately provided a brighter, whiter light that fully illuminated the span of the roads while making signage and roadway markings much easier to see and read. The new system saves 90,500 kWh per year and significantly reduces maintenance costs with a 50,000 hour, L70 rated life.

136 High Pressure Sodium lamps replaced with new GE LED fixtures on all roadways for Limited Brands corporate campus in Columbus, Ohio.

## Energy Benefits:

Annual energy savings kWh/yr	90,500
------------------------------	--------

## Environmental Benefits:

Carbon Dioxide saved/yr	63.4 tons
Sulphur Dioxide saved/yr	547 lbs
Nitrogen Oxide saved/yr	269 lbs
Burned coal saved/yr	29.6 tons
Mercury avoided	1407 mg
Forest added/yr	17 acres
Cars removed/yr	12.1

\*Calculations are estimates based on registered data prior to project inception. Fixtures are Energy Star rated.

## GE Evolve LED Cobrahead:

- Structured LED array for optimized roadway photometric distribution.
- Evolve light engine consisting of scalable reflective technology designed to optimize efficiency and minimize glare.
- Utilizes high brightness LEDs, 70 CRI at 4000K & 5700K typical.
- System rating is L85 at 50,000 hours.



**Call Loeb Electric at 614.294.6351 or go to [loebelectric.com](http://loebelectric.com) for more information.**