

# ELS CASE STUDY

## CITY PARK, BOYLE PROPERTIES

### QUICK FACTS

- **Project Name:** City Park, Buildings 3, 6, & 7
- **Location:** 278 Franklin Road, Brentwood, TN
- **Gross Square Footage:** ~500,000



### PROJECT DESCRIPTION

CityPark is a vibrant, pedestrian friendly mixed-use community located in the central business and retail district of Brentwood, Tennessee. The 33-acre CityPark is comprised of 500,000 square feet spread among 8 office buildings, and 40,000 square feet of retail and restaurant amenities.

This exterior project had a 56% return on investment (ROI). By retrofitting over 100 exterior lights & flood lights to high quality LEDs, their energy consumption was cut by 75% for their exterior lights, eliminating over 47,730 kWh of electricity use annually.

### ENVIRONMENTAL IMPACT

This energy efficiency project created a very favorable environmental impact. Not only did they save \$5,542.02 per year, they reduced their carbon footprint as well. The comparable metrics are as follows:



**56 trees saved for 1 year**



**7 fewer cars driven for 1 year**



**37.2 tons of carbon dioxide gas**

KEY PROJECT RESULTS				
Total Cost w/o Incentives	Financial Incentives	Net Cost of Project	Projected Annual Savings	Return on Investment
<b>\$36,045.1</b>	<b>\$0</b>	<b>\$36,045.1</b>	<b>\$5,532.02</b>	<b>56%</b>
Annual Energy Use			Annual Energy Reduction	
<b>Before Project: 63,641 kWh</b> <b>After Project: 15,911 kWh</b>			<b>75%</b>	