



# Outdoor LED Conversion

## Wendy's Corporate and Restaurant Locations

### Executive Summary

Loeb Electric worked with Wendy's corporate offices and restaurants to retrofit their facilities to LED lighting, saving each location over \$100K over 20 years while increasing lighting levels for safety and aesthetics.

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### CORPORATE HQ RESULTS\*

Net Cost .....	\$91,694
Incentives .....	\$20,177
<b>3.8 Year Payback</b>	
<b>82% Energy Cost Savings</b>	
Total Savings: (includes maintenance and energy)	
Monthly .....	\$2,844
1 Year .....	\$25,745
10 Years .....	\$257,450
Net Present Value .....	\$3,358
Internal Return Rate .....	<b>14.75%</b>

### RESTAURANT RESULTS\*

Net Cost .....	\$7,384
Incentives .....	\$4,922
<b>2 Year Payback</b>	
<b>79% Energy Cost Savings</b>	
Total Savings: (includes maintenance and energy)	
Monthly .....	\$332.92
1 Year .....	\$3,995
10 Years .....	\$39,950
Net Present Value .....	\$7,359
Internal Return Rate .....	<b>59.09%</b>

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

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**About the Client**

The Wendy's Company is the world's third-largest quick-service hamburger company, which includes approximately 6,700 franchise and company-operated restaurants in the United States and 28 countries worldwide.

**The Challenges**

As part of its overall energy savings plans, The Wendy's Company wanted to assess the potential of a retrofit of all exterior lighting at its corporate headquarters in Dublin, Ohio. Once they saw the tremendous savings at the Wendy's corporate facility, executives decided to duplicate those savings at the restaurant level and to increase visibility for their valued customers during night time hours.

**The Solution**

Loeb Electric proposed a design to reconfigure and retrofit their system to LED, and the savings were enormous. At the corporate headquarters, Loeb was able to eliminate forty-seven 400-watt fixtures while improving the aesthetics and safety of the exterior. The benefits included elimination of dark spots, an even blanket of light in the parking areas, and better lit roadways and sidewalks.

At the restaurant level, Loeb Electric used the same LED lighting system provided to the corporate facility. Loeb was able to eliminate several lot and rooftop fixtures that provided "filler" light that the old lighting system couldn't produce, achieving savings while increasing light levels. The benefits included elimination of dark spots in high-traffic areas, greater lumen efficiency, and better overall building appearance. On top of the amazing financial results, the system is guaranteed maintenance-free for 7 years.

**PRODUCT INFO**



- Lithonia DSX2 LED Area Luminaire (left)
- Lithonia TWH Wallpack (center)
- Lithonia DSXF2 Floodlight (right)



The Size 2 area light is ideal for replacing 400-1000W metal halide outdoors with energy savings up to 80% and lasting over 100,000 hours (20 years).

To see how Loeb Electric can help you meet your goals, contact a Sales Representative at **800.533.9271** or visit **LoebElectric.com**.