

Justice Stores

LED Conversion Project



Project Summary:

Tween Brands knew that making the switch to LED lighting would provide substantial savings in the maintenance and operation of its fleet of more than 900 Justice stores. But, like most retailers, they were not equipped to undertake the complex transition. Even though the project consisted of replacing their PAR 30 lamps, the volume of work was staggering: specifying a product, analyzing stores, assessing financials, procuring the product, coordinating installation, and administering the rebate process for 80,000 lamps in over 600 locations in every region of the United States!

"We knew there was an opportunity to switch to LED lamps. Doing it in a way that would keep our store teams happy and maximize the financial benefits was a challenge. And we were given a mandate to complete everything within six months. That's a tall order," said Glen Hanson, vice president of store planning, design and construction at Tween Brands.

Loeb Electric was chosen to manage the project because of its experience in overseeing projects of this magnitude. By offering a complete solution that included consulting, distributing, financing, installing and administering the rebate process, Loeb Electric was able to put Tween Brands on the fast track to financial savings throughout its store network - including \$363,000 in rebates!

Project Highlights:

- 75% Energy Cost Savings
- \$115,004 Savings/Month
- \$13,800,531 10 Year Savings
- 2.5 Year Payback

Financial Benefits:

Net Cost:	\$ 3,301,990
Incentives	\$ 363,219
Energy Savings/yr	\$ 1,380,054
Maintenance Savings/yr	\$ 0
Total Savings/yr	\$ 0
Net Present Value	\$ 3,358
Internal Return Rate	14.75%

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

Energy Savings Comparison

10 YEAR COST



MONTHLY COST



*Based on listed data

Product info:

- Old Product: 50 watt Halogen PAR30
- New Product - 13 watt Philips EnduraLED
- PAR30 LED technology offers precise light control while providing huge energy savings.



Call Loeb Electric at 614.294.6351 or go to loebelectric.com for more information.