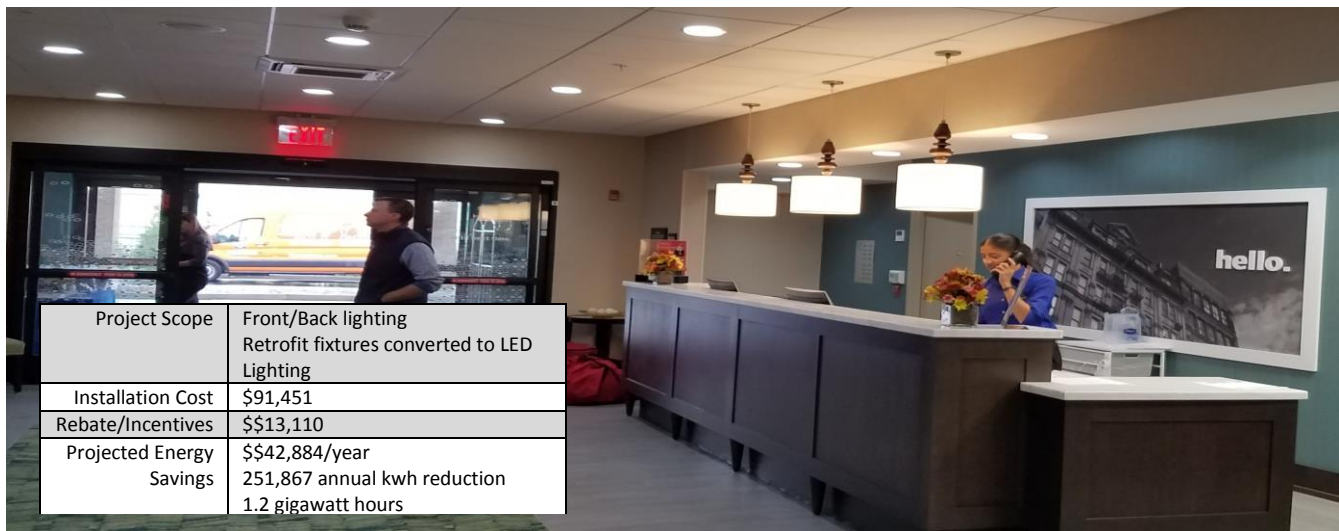


# ORIGINAL energy Hotel LED Retrofit Lights Up Customer Experience, Generates Fast Payback



Project Scope	Front/Back lighting Retrofit fixtures converted to LED Lighting
Installation Cost	\$91,451
Rebate/Incentives	\$\$13,110
Projected Energy Savings	\$42,884/year 251,867 annual kwh reduction 1.2 gigawatt hours

*Original Energy LED Lighting = Enhanced Energy Management, Significant Cost Savings, Customized Illumination Options, ROI*

## LED Investment Serves Hospitality Industry

Hospitality management faces unique challenges in their effort to serve highly diverse, demanding customers. As energy costs can lower profit margins, they have turned to new technologies to improve controls and provide a higher level of comfort and service.

LED Lighting generates substantial savings vs. traditional bulbs, with average fixture conversion of 100 watt to 15 watt bulbs. Upgrades average a two-year payback on initial costs. Electricity demand reduction continues year-over-year, providing funds for other capital investments at hospitality properties.

## Enhanced Optics

Aesthetic improvement provides flexibility to offer tailored lighting options including colors, glow and control.

## Improved Functionality

LED lighting system options include Wi-Fi programming and increased functionality for occupancy sensors, dimming capability and day-light harvesting.

## Lower Maintenance Costs

Minimal to zero maintenance – bulbs last up to 10 years. Best in class LED products support manufacturer warranties.

## *Why Original Energy?*

- Experienced professionals perform comprehensive audit of lighting and energy
- Advanced engineering solution design
- Value engineering/alternatives review
- Custom LED retrofits for all applications and fixtures
- Rebate and incentive forecast
- Funding proposal analysis
- Turn-key project solution
- Project management
- Licensed professionals install LED systems with experience in wide variety of technologies
- Lighting and system management guarantee

Original Energy LED fixtures and retrofit solutions combine best in class technologies with attractive financial rate of returns. All installations are performed by licensed labor.

## *Contact us today:*

**Darren Levine**  
**Original Energy**  
 500 Executive Boulevard, Elmsford, NY 10523  
 TEL: (914) 847-0240  
 E-mail: [dlevine@originalenergy.com](mailto:dlevine@originalenergy.com)  
 Web: [OriginalEnergy.com](http://OriginalEnergy.com)

**Improved Energy Efficiency**

Today's most efficient lighting can improve energy efficiency 80% - 90% vs. traditional lighting and conventional light bulbs.

**LEED Certification/Green Energy**

LED lights are free of toxic chemicals or materials, and are 100% recyclable, reducing carbon footprints by 1/3 or more.

**Long Life**

LED bulbs and diodes have been proven to last up to 50,000 hours vs. standard lighting, reducing labor and energy costs.

**Durability**

LED's are extremely durable, built with sturdy components that will sustain and endure through exposure to challenging conditions.

**Design Flexibility**

Every hotel property design criteria is different, and LED's can be engineered and designed to offer custom lighting options. Dynamic control of light, color and shade provide an unprecedented level of design and control.

**Reliability**

LED's are ideal for facilities operating in extremely cold outdoor temperatures.

**Improved Control**

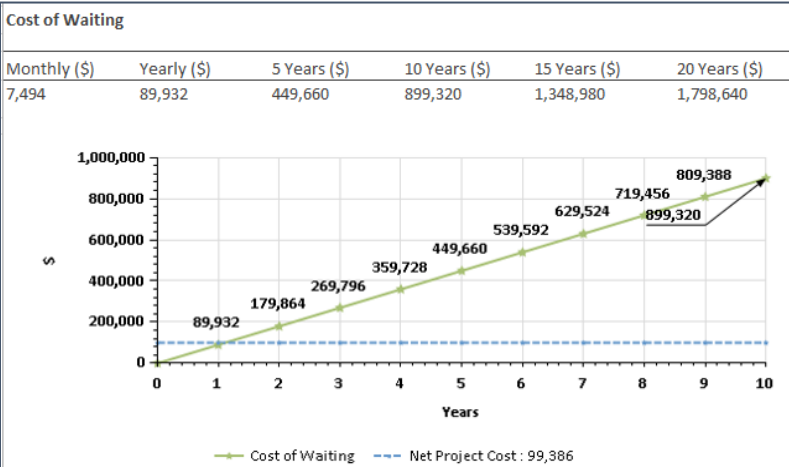
LED lights brighten up immediately when powered on, offering building management options to switch lighting levels on demand.

**Lower Power Demand**

LED's require a low-voltage power supply.

**Cost of Investment: Generate Long-Term Value**

LED will become the standard lighting option for facilities around the world within the next 3 years. Here's why facility managers are choosing to install LED systems **today**:



**Parking Lots:  
Save \$, Lower Costs**



Parking area lighting can require power for up to 12 hours per day, and often lack the level of illumination to provide safety for employees and visitors alike.

LED options include:

- Exterior LED fixtures
- LED Retrofit Kits
- Motion and photo sensors for safety and energy saving