



Project Summary

Jersey's Bar and Grill in Inver Grove Heights, MN, is a lively 8,000-square-foot restaurant featuring pool tables, live music, drinks, dancing, and fantastic food. It was once illuminated by dim, yellow fluorescents and incandescents that constantly burned out. Fed up with the constant maintenance and poor lighting quality provided by traditional lighting products, the owner began researching LED products and contacted RVLT.

End User: Restaurant, Grove Heights, Minnesota

Application: Exterior, Dining Area, Kitchen, Basement, Coolers

- Products:**
- 9W Dimmable 60° & 140° LED PAR 30
 - 6W Dimmable Glass 140° LED PAR 20
 - 4 ft. 15W & 18 W LED Tube Lights
 - 2 ft. 10W DWC LED Tube Lights
 - 3 ft. 12W DWC LED Tube Lights
 - 8W SMD LED Household Lamps
 - 18W SMD Dimmable LED Household Lamps
 - 3W Glass Dimmable LED Candelabra
 - 4W Frosted Dimmable Globe LED Bulbs

- Benefits:**
- Delamping
 - Brighter kitchen
 - Reduced energy use
 - Reduced maintenance
 - Same lighting color throughout restaurant

Project Overview



RVLT's Minnesota dealer met with the owner of Jersey's and explained the benefits of LEDs, the rebates available for LED retrofits, and the low-interest financing programs offered. This expert guidance enabled the owner to transform his restaurant lighting at no up-front cost.

RVLT removed a total of 209 incandescent lights and fluorescent PAR lights, candelabras, household lamps, and tube lights from the dining area, kitchen, basement, coolers, and exterior of Jersey's. They installed 190 LED products in their place.



Project Overview (con't)

Existing Fixtures	Replacement Fixtures
Fluorescent Tubes	LED Tube Lights
Incandescent Halogens	Dimmable LED PAR 30 and PAR20 Lights
Incandescent Bulbs	LED Household Lamps

The owner is very pleased with the aesthetic results of the retrofit. The energy-efficient LED products are so bright that the owner chose to delamp several tube light fixtures in the kitchen, office, and exterior signage. Even after delamping, the kitchen looks much brighter under LED T8s than under fluorescent T12s. Additionally, although different RVLT products were used throughout the dining area, the front-of-house lighting is now a consistent color. RVLT products maintain consistent color temperatures across product lines. Jersey's installed several different RVLT products in the dining area but achieved the same temperature throughout.

Cost Analysis

The retrofit had many financial and environmental benefits, too. The owner will save over \$6,600 a year in energy costs. He has reduced Jersey's carbon footprint by 54,465 pounds per year, the equivalent of removing nearly five cars from the road. With the \$3,636 rebate he received from his local utility company, the retrofit should pay for itself in just 17 months.

Annual Energy Savings: \$6,673

Estimated ROI: 1.42 years



Visit www.rvlt.com for more information.

Numbers are calculated at the time of installation and may not reflect current upgrades to lighting fixture components.