



## Project Summary

Ciao Baby is a family owned and operated Italian restaurant in downtown Barrington, IL. The cozy restaurant resides in an old building with an aging electrical system. In 2011, the owner decided to retrofit his store with more efficient lighting products from RVLT.

The owner's first priority was to reduce the electrical load of the restaurant, which was then at maximum capacity. He also wanted products that would save money, reduce energy use, and preserve the warm atmosphere of Ciao Baby.

**End User:** Family Run Restaurant, Barrington, Illinois

**Application:** Kitchen, Dining Area, Bathrooms, Storefront

- Products:**
- 15W 4-ft. LED Tube Lights
  - 3W Dimmable Glass Candelabra
  - 5W Household Lamps
  - 8W Household Lamps
  - 4W Globe Household Lamps
  - 60° PAR 20 and 60° PAR 38
  - Dimmable 45° PAR 38 – SKU 180050

- Benefits:**
- Reduced energy usage
  - Reduced amperage in an overburdened building
  - Pleasant, warm ambiance
  - Increased light levels
  - Reduced cleanup

## Project Overview



Each fluorescent and incandescent bulb used for general illumination in Ciao Baby was replaced with an LED product from RVLT. In the dining area and along the storefront, warm white RVLT products were used. Decorative blue pendant lights hanging above the tables were retrofitted with LED candelabras. LED PAR 38s and PAR 20s were installed in tracks to spotlight menu boards and wall hangings. PAR 38s were also installed in the soffit above the front window to draw attention to the storefront without sacrificing ambience. A handful of RVLT's household products were used in the

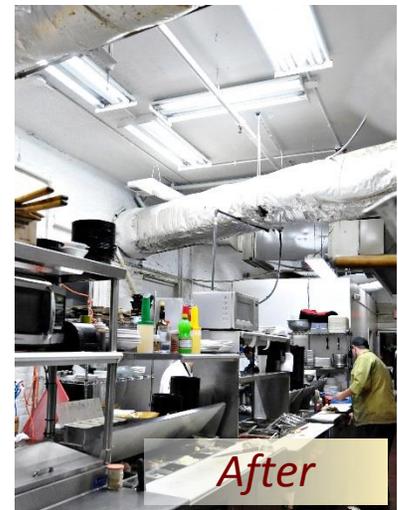
bathrooms, above the front entrance and in the kitchen. Most light in the kitchen came from 4-foot fixtures with acrylic covers, into which RVLT 15-watt 4-foot LED T8 tube lights were installed.



**Project Overview**  
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Existing Fixtures	Replacement Fixtures
<b>Fluorescent Tubes</b>	4 ft. 15W LED Tube Lights
<b>Incandescent Bulbs</b>	3W Dimmable Glass Candelabras 5W and 8 W Household Lamps 4W Globe Household Lamps 60° PAR 20s and 60° PAR 38s Dimmable 45° PAR 38s

**Cost Analysis**



With RVLT lighting products, Ciao Baby reached the power reduction targets set by its owner while the lighting quality dramatically improved under the energy-efficient LEDs. Additionally, because RVLT's tube lights contain no glass or mercury and will not shatter, the Lake County Health Department determined that the acrylic lenses covering the tube light fixtures in the kitchen could be safely removed. Removal of the acrylic lenses further increased light levels in the kitchen. Since the lenses required regular cleaning, their removal is also saving Ciao Baby valuable time.

**Annual energy savings: \$3,000**



Visit [www.rvlti.com](http://www.rvlti.com) for more information.

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