

Rococo Coffee and Tea Company

The Situation

Café Rococo set out to be the premier coffee shop in downtown Kirkland, WA and to sell roast fine Arabica coffees in the café. Soon after the grand opening one of the owners, Adam Olsen, was very intrigued with the economical and environmental benefits of converting the cafe lighting from incandescent bulbs to LED bulbs.

The Solution

Because of his commitment to constantly reduce expenses, Olsen, considered the financial scenarios offered by LED Light Technology that would produce a 86% reduction in the electrical load for the business' incandescent lighting and would lower his carbon footprint by 89%.

Equimco offered to convert his 150 watt and 60 watt incandescent bulbs to A19 LED bulbs, from LED Light Technology, that consume only 8 watts each. The rated life of the bulbs would increase from approximately 2,000 hours to 50,000 hours or more than 10 years.

Including the energy savings grant for small businesses from Puget Sound Energy, the payback period was shortened from 10 months to 5 months, as approximately 60% of the project cost was funded by the energy savings grant. The result of the grant was a net project cost to Café Rococo of slightly over \$600.

Installation of the bulbs would be on a bulb-for-bulb replacement basis. No new wiring or conduit was required to install the LED bulbs.

The Result

Café Rococo installed the LED bulbs and electrical energy costs were reduced by over \$1,000 per year.

HVAC expenses were reduced by nearly \$200 per year.

Maintenance expenses reduced to zero for over 10 years.

Café Rococo reduced their carbon footprint by over 1,000 pounds per year.

Café Rococo's return on investment was over 1,200%.



Solution Overview

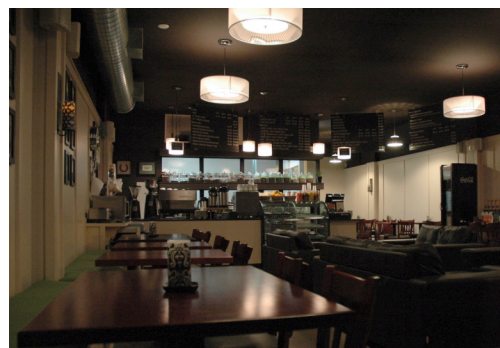
Company: Rococo Coffee and Tea Company

Profile: A coffee roasting and tea company that sells premium Arabica coffees and food in Kirkland, WA

Challenge: Convert the incandescent lighting in a premier coffee shop to energy efficient A19 LED bulbs from LED Light Technology.

Solution: New LED bulbs from LED Light Technology reduced annual power consumption by 86%

Result: An 89% reduction of overall lighting expense, a ROI that was over 1,200% and savings of over \$1,000 per year.



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Representatives for LED Light Technology



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