



retail

Case Study

furnishing in-store savings



Arrow Furniture redecorates locations with LED retail lighting

PAR38 lamps curb energy costs up to \$23,000 a year

THE SITUATION

With four fine furniture stores in Toronto and more than 40 years of experience, family owned Arrow Furniture is dedicated to shopping the world over to bring customers the best traditional and contemporary furnishings. To ensure that dining room sets, area rugs, office décor and accents for every room in the house are beautifully but economically lit, the retailer recently went in search of energy-saving LED lamps to replace halogen bulbs in its stores.

THE SOLUTION

Arrow Furniture was soon introduced to new LED retail lighting. PAR38 LED Retail lamp consumes just 17 watts of electricity compared to the 90 watts used by the old halogen bulbs. More important, the lamps' light output, color consistency and uniformity meet Arrow Furniture's exacting standards for in-store illumination.

Arrow Furniture will retrofit nearly 1,800 PAR38 LED Retail lamps across its four Greater Toronto Area stores creating a total 230,000 kWhs reduction translating to \$23,000 in utility cost savings (based on a \$.10 kWh rate and 12 hours of operation a day). The retailer also will receive a \$20 rebate from the Canadian Lighting Rebate Office for every LED lamp installed.



OPERATING IMPACT

- \$4,500-\$7,100 savings per store per year
- \$23,000 total savings across 4 locations



ENVIRONMENTAL IMPACT

230,000 fewer kWhs used:
 = 26 cars off the road
 = 36 acres of trees planted

