



retail

Case Study

# cool supermarket solutions



Energy-saving LED lighting helps Stater Bros. slash operating costs in frozen-food cases.

**LED refrigerated display lighting immerses supermarket chain in \$570,000 savings**

## THE SITUATION

Stater Bros. supermarket chain recently replaced the fluorescent lighting traditionally used in frozen-food cases at 163 of its stores with energy-efficient LED lighting.

## THE SOLUTION

After evaluating lighting options from five different manufacturers, Stater Bros.' retail marketing team chose LED lighting systems to replace the 60-watt fluorescent fixtures in freezer cases.

LED lighting helps retailers like Stater Bros. slash the operating cost of refrigerated displays while enhancing the visual appeal of vertical cases. By replacing 60-watt fluorescent lamps with 16-watt LED lighting, Stater Bros. will use 28,444 fewer kilowatt hours (kWh) per store per year, a savings of approximately 4.6 million kWh across the 163 participating stores and equating to about \$510,000 in annual savings (based on an average \$0.11 kWh rate and 17 hours of operation a day).

The long-life LED lighting system also contributes to an 80% reduction in maintenance costs—totaling nearly \$60,000 in savings annually across all locations for Stater Bros. As an extra benefit, LED lighting generates less heat, which translates to grocers running fewer compressor cycles for additional indirect energy savings.



## OPERATING IMPACT

- Total energy savings of \$510,000 annually
- 80% reduction in maintenance costs per year



## ENVIRONMENTAL IMPACT

LED lighting will help Stater Bros. use 28,444 fewer kWh per store per year.

