

SCREW-IN LED CASE STUDY

FURNITURE SUPERSTORE

Many of Maine's showrooms can achieve significant lighting savings by switching to LEDs. South Portland's Furniture Superstore replaced over 800 75-watt PAR30 incandescent bulbs in its dual-purpose warehouse and showroom space. The spotlights there are used up to 11 hours a day, seven days a week.

ENERGY SAVINGS

Replacing its 75-watt incandescents with 13-watt LEDs discounted by Efficiency Maine enabled this expansive showroom to cut its annual lighting bill by more than **80 percent—saving over \$20,000 per year.**

REDUCED BULB REPLACEMENT LABOR AND MATERIALS

In addition to energy savings, Furniture Superstore anticipates greatly reduced replacement and maintenance costs because LED bulbs have a much longer life than incandescent bulbs. Incandescent bulbs have an average life of 1,000 hours, meaning that an individual showroom spotlight required replacement nearly four times a year. The installed LEDs are **rated for 25,000 hours** and will only need to be replaced **every seven years.**

"Having 19,000 fewer bulb replacements saves us a lot on labor, inconvenience and costs," says owner Doug Abrams.

LIGHT QUALITY

"The quality of the light with the new LEDs is impressive," Doug Abrams adds. "People want to know what their furniture is going to look like when they get it home and these LEDs help them do just that. The improved color of the new bulbs helps me do my job."

The significant lighting, replacement, and operation savings realized in the South Portland location have led Furniture Superstore owner Doug Abrams to begin LED retrofits in other store locations.



Furniture Superstore owner Doug Abrams explains that switching to screw-in LEDs could save over \$20,000 per year in electricity and avoid more than 19,000 bulb replacements during the next seven years. Plus, the new bulbs do a better job showing off the colors of the furniture.



Customer
Furniture Superstore

Location
South Portland, ME

Application
Retail Showroom Lighting

Screw-in LEDs
800 PAR30s

Electricity Savings*
\$22,800/Year

Bulb Replacements Avoided*
19,200 Over 7 Years

Other Benefits
Improved Light Quality

* Estimated