

# MaxLite LED Acrylic Pendants Help Habitat ReStore Lower Energy Costs



## CASE STUDY



The Dorchester Habitat for Humanity ReStore in Summerville, South Carolina sells new and gently used building materials, appliances and furniture at discount prices to help fund the building of homes for Habitat for Humanity partner families in the local community. The expansive showroom of the Dorchester ReStore was lit by a system of 400-watt metal halide high bay fixtures suspended from the 20-foot ceiling. Not only were the metal halide high bays expensive to operate and maintain, they produced shadows and glare that made the facility and merchandise look less appealing to customers. The ReStore needed a lighting solution that would save energy while brightening up the entire space.

Working with independent MaxLite sales representative Daniel Hancock of SuperGreen Solutions, the Dorchester ReStore replaced the metal halides with MaxLite LED Acrylic High Bay Pendants. Twenty-seven of the 120-watt LED pendants were installed in a one-to-one retrofit of the showroom. Blending high performance with a premium aesthetic, the pendants feature cutting-edge optics and a durable acrylic reflector that deliver high vertical footcandles with minimal glare.

**In addition to dramatically improving the quality of light, the LED Acrylic High Bay Pendants consume 70 percent less energy than their predecessors, which will save the ReStore \$4,148 in energy and maintenance costs each year.**



**"We were spending a significant amount of money on relamping fixtures and changing ballasts. The LED high bays will pay for themselves within three years and save us several hundred dollars a month in energy and maintenance costs."**

**"The metal halide fixtures also threw off a lot of heat. The LED lights are much cooler, which will save us a tremendous amount of money during the hot summer months."**

**- Pat Wylie, manager,  
Dorchester Habitat for Humanity ReStore**



*After: Illumination is even and colors pop*



*Before: Shadows and glare detract from merchandise*

### MaxLite

MaxLite has been committed to providing energy efficient lighting products for more than 20 years, and was one of the first movers into LED technology in the industry. A four-time ENERGY STAR® Partner of the Year, MaxLite offers an extensive line of quality, certified indoor and outdoor LED lamps and luminaires.

