

MaxLite LED Fixtures and Lamps Deliver Substantial Energy Savings for New Jersey Home Renovation



"Everyone that sees our kitchen is very impressed. Many of our friends have heard about LEDs but don't understand what they are. They never realized that this new technology could achieve such a high level of lighting while creating a cozy feeling throughout our home."

— Cheryl Fenimore, Homeowner

PIA'12

PRODUCT INNOVATION
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The Challenges

In a Jackson, New Jersey home renovation project, the homeowners were looking for energy-efficient lighting in their kitchen and bathroom that would reduce utility costs and be compatible with utility rebates.

The Solution

Inside the kitchen, standard dimmers create various light levels and convert Plug-and-Play LED Lightbars into night lights so family members can enter the home easily in the evening or visit the kitchen for a late night snack. Four 6-watt lightbars were installed in kick plates for toe space lighting, five 9-watt warm white lightbars enable clear visibility for the often dimly lit countertop spaces, two warm lightbars bring out the warm brown colors of the coffee bar, and six 9-watt daylight color lightbars project a whiter, crisper light on top of the cabinetry for effective cove lighting. Additionally, warm white Marquee LED lamps illuminate decorative pendants over the counter, while PAR38s and new LED Recessed Downlights provide optimal ambient lighting in the kitchen. Above the fireplace, the 12-watt PAR30 LEDs provide general lighting. Inside the bathroom, three LED A Type 7.5-watt lamps were used in the vanity light while four others were installed in a flush mount fixture.

The Benefits

The LED Lightbars will save \$4,081 in energy costs throughout the lifetime of the fixtures, compared to fluorescent fixtures. The three 2-watt Marquee lamps replace a 40-watt incandescent for \$289 in energy savings over a 10-year period. Four PAR38s replaced four 65-watt incandescent lamps for a savings of \$130 over 10 years, while the five new 14-watt six-inch downlights replaced 65-watt incandescent lamps, reducing electricity costs by more than \$180 over 10 years. Three LED A Type lamps replaced seven 40-watt A19 incandescents for electricity savings of more than \$170 across a decade.

About MaxLite

Inheriting global manufacturing and marketing expertise that dates back to 1955, MaxLite was one of the first movers into LED technology in the industry. Committed to energy efficiency as an ENERGY STAR® Partner of the Year in 2009, MaxLite established the MaxLED® brand, an extensive line of indoor and outdoor lighting fixtures featuring innovative LED luminaires and lamps using the latest state-of-the-art LED technology, ranging from the award-winning Flat Panel collection, to the best-selling outdoor lineup, Plug-and-Play light bars and lamps.



Products are not in proportion