

New England Energy Patented Motor Load & Lighting Solutions



CLIENT



Project

This lighting project consisted of two distinct and independent applications.

Application One: A lower level production area containing a mixture of 4' and 8' T12 and T8 strip lights positioned two feet above a suspended ceiling containing prismatic lenses. This arrangement did not provide an adequate light output for the detailed testing equipment being developed and manufactured.

Project Two: Upper and lower level offices and production consisting of T12 2 lamp strip fixtures, 2' and 4' 3 and 4 lamp troffers and 2 lamp wrap fixtures. These lights in many cases had outlived their useful life.

Execution

Application One: Once the old lenses and strip lights were removed, new 2 lamp 4' Prismatic troffers were wired and placed into the ceiling grid. The grid was then completed with new acoustic tile.

Application Two: All strip fixtures were retrofitted with new T8 lamps, ballasts, sockets and reflectors. 50% of the lamps were used in all strip fixtures. All antiquated fixtures were replaced with new 2' and 4' prismatic troffers containing 2 lamps each. The entire project was completed without interruption to the intricate work being performed. All old lamps and ballasts were removed and recycled.

RESULTS

Previous Wattage Consumed:	37,359
Wattage Saved:	22,081
First Year Savings:	\$5562
ROI:	18.3 Months