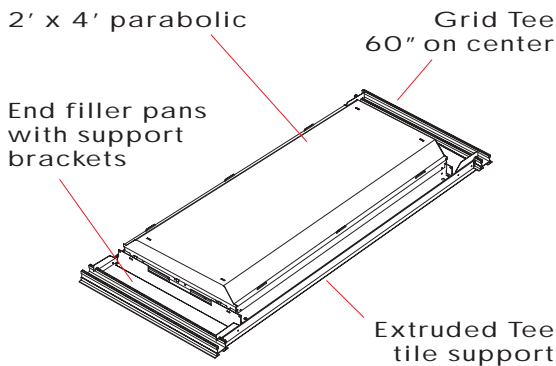




Before



After



Job Specific Information:

- 1,756 1'x4' (2) 40-watt T12 parabolic fixtures were replaced one for one with 2'x4' Williams U5 Parabolic fixtures each with three 32-watt T8 lamps, modified to fit 5' grid
- Mounting height: 10'
Spacing: 10' on center
- Footcandle level: 60 footcandles (average maintained), increased from 20 - 30 average footcandles

Williams Custom Lighting System Earns High Grades for School Relighting

Williamsville High School, Williamsville, NY - Time and technological advances have made a 70's open-plan school design difficult to service and maintain at East High School in Williamsville, New York, a suburb of Buffalo.

"Problems to replace the existing lighting fixtures with new fixtures that would integrate with existing demountable 5'x5' partition system would be challenging," explained Norm Waff, Senior Electrical Project Engineer - Trautman Associates. "The program also required new lighting, and it had to be more energy efficient than the old 40-watt T12 fluorescent system currently used."

A check with four leading fixture manufacturers on Trautman's fixture manufacturer's list determined that three didn't have the capability required, nor did they have the ability to run a special order for such a large project.

"Then I talked with Don Wrobel of Lumen Power Source in Buffalo, the H.E. Williams, Inc. rep," Mr Waff said. "He checked the factory and found not only did they have the capability, but also the expertise to design and build the system we needed. They could also deliver on the tight time schedule required to get the project completed over summer break."

The new lighting met State of New York school lighting standards and helped the entire project qualify for a NYSERDA energy conservation rebate.



A Visible Difference