

Putting School Funds Back into the School— not the Utility Bill

Recently, Graybar Canada provided a lighting solution for a Moncton area school that is solving not only their lighting issues, but also saving them approximately \$3,500.00 per year in lighting costs.

Issue:

The property management team at the school was looking for a solution that would enable them to cut back on energy consumption while improving the light quality in the school at the same time. Some areas in the school were too dark due to poor light quality. The school would also leave the lights on the entire day because the metal halide lamps would take too long before the start of each class to warm up.

“Before” Lighting System:

- (25) 400W Metal Halide Fixtures lighting two major rooms including a gymnasium
- (27) 300W Incandescent Fixtures lighting a separate building

Solution and “After” Lighting System:

- Replace all 400W Metal Halide fixtures with a 6 lamp T8 Fluorescent Highbay fixture.
- Replace all 300W Incandescent fixtures with a 6 lamp T8 Fluorescent Highbay fixture. (this area needed more light and was increased by approximately 60% with the new fixture)



Benefits:

- Approximately \$3,500.00 savings per year on the lighting bill
- Lights turn on immediately
- Better light uniformity
- Higher colour rendering
- Less lumen depreciation from the light source
- New lamps less expensive than original lamps