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**Owner**

New Brunswick Public Schools

**Contract Type**

Lighting

**Contract Amount**

\$2,636,000.00

**Electrical Contractor**

FSG Electric

**Energy Firm**

Johnson Controls

**Number of Fixtures Replaced**

33,166

# NEW BRUNSWICK PUBLIC SCHOOLS

New Brunswick, New Jersey

## Schools System Upgrades Lighting and Controls

### CHALLENGE

New Brunswick Public Schools is a vibrant, diverse school district located in one of New Jersey's most historic communities - a thriving college town that's been home to Rutgers University for nearly 250 years. New Brunswick's population is 55,000, and its school district enrolls more than 10,200 students from preschool through grade 12. The goal was to upgrade both interior and exterior lighting in 10 schools, covering 1.2 million square feet.

### SOLUTION

Project scope included the installation of 16,721 new LED fixtures, 32,890 LED lamps (both screw in lamps and tubes) and occupancy sensors. New LED fixtures included exterior site lighting and gym high bays. LED lamps included almost 30,000 LED tubes.

### RESULT

FSG Provided material, labor , project management and rebate coordination for all 10 schools. LED Type B integral driver tubes were installed, eliminating all ballasts and making future replacements a simple process that does not require an electrician. A wide range of new interior LED fixtures were installed where fixtures were old or in poor condition. In classrooms where fixtures were newer, LED tubes kept down the cost of the project while cutting energy costs and maintaining light levels. RAB LED fixtures were installed outdoors.

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