

**PROJECT COMPLETED**

**DEMAREST MIDDLE SCHOOL  
THEATRE UPGRADE**

**PROJECT OVERVIEW**

Demarest Middle School required an upgrade of its neglected decades-old stage lighting system in order to increase opportunities for student performances & productions while eliminating residual cost of rental equipment. A simple and budget-friendly stage lighting upgrade designed for elementary and small middle schools was designed and implemented by Purerek.

**FEATURES:**

Features include upgraded lighting fixtures from incandescent to LED, intuitive touchscreen controls with pre-loaded presets to radically simplify system operation, and maximized reuse of existing power distribution infrastructure to reduce labor and materials cost.

**LED STAGE FIXTURES**

LED stage fixtures are today's superior technology, especially when compared to old standards such as halogen or incandescent light sources. Benefits include significantly longer lifespans, built-in RGBW (red-blue-green-white) diodes which allow for a full spectrum of colors without needing to change gels, low heat-production for improved stage experiences, greater capacity for automated controls, less maintenance, and reduction of energy expenditure.

**TOUCH SCREEN CONTROLS**

In schools across the nation, stages are being under- or unused due to the barrier of overly-complicated controls. Touch panel controls provide staff, guests, renters, and even students the opportunity to simply operate stage lighting systems. Preloaded presets allow for quick one-touch lighting changes, finer-tuned adjustments and new presets can be made manually via the intuitive console, and professional lighting consoles can be integrated for operation by trained operators.

**LOCATION**

Demarest, NJ

**DATE**

Spring '22

**CATEGORY**

Stage/Theatre

**PARTNERS**

Lehigh Lighting

“ Oh the touch screen! Just touch the screen anywhere and if your bands on stage, or if your chorus is on stage, you hit chorus, you hit band...and boom that's when the lights come on! As far as using different color spectrums... it's sort of like when you walk into the Sherwin Williams store and see the color wheel. It had everything on there. [The lighting gave] a nice drum-set sparkle and it really never did that before. Everything looked spectacular. It did bring a nice brightness to the stage, it was really nice. ”

**John Zemba**

Music Director

**CONTACT**

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