

# School District Hits Home Run Savings with MaxLite LED Flood Lights



## CASE STUDY



**“The MaxLite fixtures do an excellent job, and you can see just how terrible the metal halide lights looks by comparison. The reaction by parents and students to the new lighting at the field has been overwhelmingly positive.**

**“The maintenance savings are also significant. The height of the poles and instability of the ground underneath them made changing the lights both difficult and costly.”**

**- John Rodenkirch, electrician,  
Fond du Lac School District**



**“With the ModMax, we maintained the footcandles we expected throughout the entire infield, with a highly noticeable increase in uniformity.”**

**- Connor Lenz, Fairway Lighting**

### MaxLite

MaxLite has been committed to providing energy-efficient lighting products since 1993. One of the first movers into LED technology in the industry, MaxLite offers an extensive line of quality, certified indoor and outdoor LED lamps and luminaires. A five-time recipient of the ENERGY STAR Partner of the Year Award for its industry leadership, MaxLite continues to be at the forefront of energy-efficient technologies through the innovative research and development capabilities of its New Jersey headquarters and California office.

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The Fond du Lac School District baseball complex in Wisconsin required a lighting renovation that would reduce maintenance costs and optimize player safety and visibility during games. Working with lighting distributor and specifier Fairway Lighting of Waukesha, the school district selected ModMax LED Flood Lights for the project because of the product's high output, flexibility and long life.

Lighting plays a critical role in baseball because of the high-speed, aerial nature of the sport. Since players and spectators view the ball from multiple positions and angles, it is essential that light be evenly distributed and glare-free. To meet these lighting requirements, ModMax was applied in a 630-watt configuration to replace the 36 existing 1500-watt metal halide sports lights. Each of the six 105-watt ModMax base modules was customized with a narrow beam distribution for a total per-fixture output of 62,000 lumens.

In addition to improving the quality of light during games, the key benefit of the retrofit project to the Fond du Lac school district is the great reduction in labor expenses. The metal halide lights had to be re-lamped every two to three years, and since the lights are mounted more than 50 feet high, the district had to employ a contractor and rent a bucket truck at considerable expense each time maintenance was required.

**By switching to the LED ModMax, which has a lumen maintenance lifetime of 200,000 hours, the school district will save \$3,000 to \$5,000 annually in maintenance and labor costs.**

