

BUILT FOR GYMNASIUMS



School: Farmington Hills Middle School

Location: Farmington Hills, Michigan

Application: School Gymnasium

End Customer: Farmington Hills Public Schools

Partner: Clarus Lighting - Caniff Electric Supply

Specifying Engineer: Peter Basso Assoc.



Key Results

- \$1,800.00 Saved Annually

- 8,640 Watt Reduction

- Footcandles Increased to 45+ for Sports Visibility

- Optimized Lighting Distribution For Athletics

- Improved Aesthetics

- 3 Year ROI



\$3,500
Rebates



24,192 kWh
Annual Energy Reduction



When we attended the first basketball game after the new lights were installed, our first impression was the school replaced the floor. The lights made everything so much more bright and clear, it was really something to see.

-Andrew S. | Parent of student



EverLast **Legend Series**

*22 inch polycarbonate reflector shown

Built For You

East Middle School is a comprehensive middle school offering a wide variety of programs and learning opportunities, who, together with their community, is committed to engage every student in a quality experience, empowering each student to become a thoughtful, contributing citizen in a changing world.



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Contact Us: (888) 383-7578



Overview

East Middle School in Farmington Hills, Michigan, serves students from Farmington, Farmington Hills, and a portion of West Bloomfield. About 100,000 residents live in this suburban area. The community supports cultural activities, religious institutions, service clubs, civic organizations and a community college.



Optional white powdercoat finish

Challenge

The Farmington Hills School district, like all state funded school districts, requires a fiscally responsible approach to making capital improvements to their facilities - the East Middle School gymnasium lighting renovation was not an exception. The existing 400w metal halide lights were largely degraded, and had started to fail. At this point, the most responsible decision to make, was the switch to LED lighting. Faced with a tight budget, a short window for installation, and the need for an impact resistant fixture, Peter Basso Associates, Inc a local engineering firm, and Clarus Lighting and Controls, a local lighting representative, were consulted to find the ideal solution.

Solution

Peter Basso Associates and Clarus Lighting and Controls, partnered with EverLast Lighting, and presented the Farmington Hills school district with the Legend Series high bay. The Legend Series, in its 200 watt configuration provided a higher level of optical acuity than the school's existing metal halide fixtures. When coupled with the 22" polycarbonate reflector featuring an engineered prismatic design, the fixtures provided enough uplighting to satisfy the school's requirements for eliminating the "cave effect" previously experienced with the old metal halide lighting. To facilitate the ease of installation demands sought by the school, EverLast Lighting built the Legend Series fixtures with the addition of a mounting hook and safety screw, 9' cord with twist lock plug, and birdcage wire guard to protect the units from potential damage caused by stray basketballs and the like.

Results

A more robust, maintenance friendly LED lighting solution that is ideally suited to the specific demands of a school gymnasium. Delivering exceptionally high foot candle readings in every corner of the gymnasium, EverLast created a space in which athletes and faculty alike are able to stand out in front of their audience to be seen easily and clearly. EverLast delivered this all while being the most value added, competitively priced LED lighting solution available.

**“ THE 10 YEAR WARRANTY MEANS LESS
TIME SPENT REPLACING DEAD BULBS!**

- DISTRICT MAINTENANCE DIRECTOR

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