

# Laurel Boys & Girls Club

## Case Study

Previous System:  
100 Watt Metal  
Halide High Bays

Mledtech System:  
150 Watt LED High  
Bays



### Customer Profile

Located in the northern most part of Prince George's County, Md., the Laurel Boys and Girls Club (LBGC) provides youth programming services that facilitate opportunities to develop strong foundations for success in life.

### Scope of Work

Mledtech was contacted to create a lighting design for Laurels Boys and Girls Club. This project consisted of a one for one replacement of the existing 1000 Watt Metal Halide Fixtures.

Gymnasiums can be used for multiple sports and a variety of other events. That's what makes LED lighting such a great choice for these spaces.

LED lighting in gyms and other indoor fitness centers can have a dramatic effect on participants' experiences. Bright, high lumen output with minimal glare also gives users the clarity needed to shoot the ball into the basket or follow the action on the court.

### The Solution

An engineered photometric design was performed. We checked glare and light output. Then we provided exact aiming points for each fixture. Mledtech Vision Smart 150 Watt LED Vision Smart High Bay Recreation Series fixtures were easily replaced with our one for one replacement plan. Our LED lighting solutions deliver uniform light in the air and on the court much more efficiently than metal halide light. The lifespan of LEDs generally exceeds 50,000 hours compared to a traditional metal halide lifespan of 18,000 hours.



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LED Sports Lighting

**Enhance Athletes' Performance**

## The Results

"The Lighting at our facility was outdated and becoming a maintenance nightmare. Mledtech's team of professionals provided us with a solution to improve our lighting and virtually eliminate maintenance costs. They have worked with us step by step to ensure that we are getting the correct fixtures for our needs. The results have exceeded my original expectations. We have completed three phases of our building and will continue this process until the entire facility has been upgraded." Adrian Rousseau, President of LBGC

Where every shot counts, uniform, no-glare light does not effect the vision of the players referees and spectators. Mledtech luminaires produce a minimum of glare and spillover. LEDs will never buzz nor flicker, you will never face that annoying issue that other technologies will do, not even near the end of it's lifespan.

The new system achieved an average of an 40% light output increase and an energy reduction of 79%. The long life of the LED carries a great saving in replacement parts and an almost total unconcern of the maintenance personnel.

Mledtech Vision Smart 150 Watt LED High Bays Light Series fixtures improved the recreation experience for the Laurel Boys and Girls Club with the greatest visual comfort. The advantage is clear. Mledtech products produce the highest quality lighting in the industry backed by a five year warranty.



Mledtech approaches each project as a unique opportunity to exceed the customers', the players' and the observers' expectations in terms of improved lighting delivered, improved visual comfort and operational savings. Our process steps help streamline this effort. We will meet directly with financial decision makers to go over final proposal in detail. Mledtech will work with the customer's contractor to provide them with detailed computer aiming points which can be set while on the ground.



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LED Sports Lighting



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Recreational  
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Ice Rinks



Football  
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Basketball  
courts

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