

# Bohemia Manor High School

## Case Study

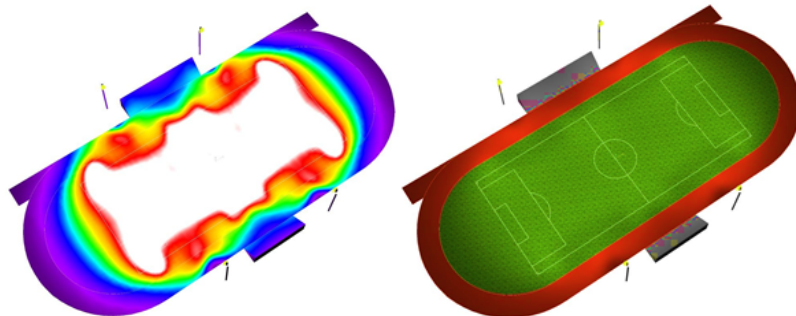
Previous System:  
(40) 1500W  
Metal Halide  
Flood Lights

Mledtech System:  
(48) FL9M-630W  
Performance Series  
Sports Lights



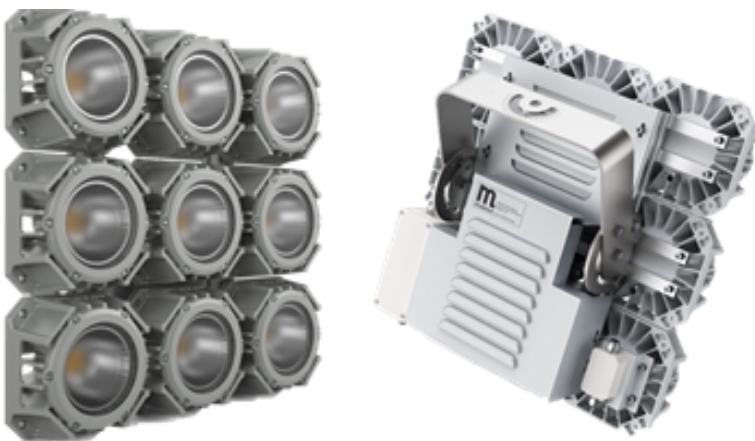
### Customer Profile

Bohemia Manor High School is a public school operated by Cecil County Public Schools located approximately one mile south of the small town of Chesapeake City in Cecil County, MD. This is a small school of 685 students which shares its campus with Bohemia Manor Middle School. The school is also known by the nickname "Bo Manor."



### Scope of Work

The original lighting at the "Bo Manor" field was inefficient, under lit, and hassle to maintain. Also, the specifications of the project required use of the existing poles and structures.



### The Solution

A precision photometric design was completed to ensure that the design specifications were met. The design called for replacement (40 total) of the existing 1500W MH light fixtures to (48 total) of our FL9M -630W LED performance sports lights.



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LED Sports Lighting



## Enhance Athletes' Performance

## The Results

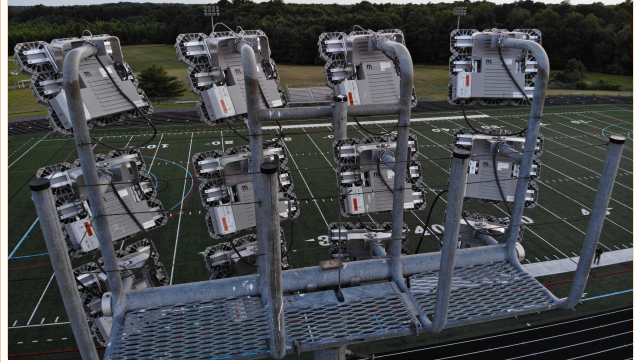


Bohemia Manor High School  
 (48) Mledtech FL9M-630W LED Sports Lights  
 30FC Average  
 Uniformity 0.73

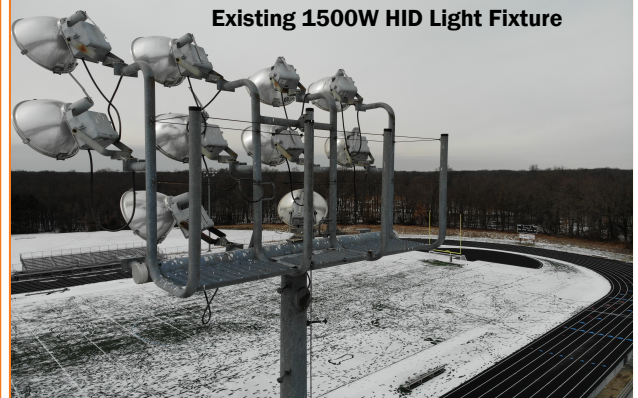


Perryville High School  
 (40) 1500W Metal Halide Flood Lights  
 14FC Average  
 Uniformity 0.32

FL9M-630W Performance Sports Lights



Existing 1500W HID Light Fixture



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



Tennis Courts



Recreational Facilities



Ice Rinks



Football Stadiums



Trap and Skeet

[www.mledtech.com](http://www.mledtech.com)