

Prince George's Trap and Skeet Center

Case Study

Previous System:
50 Each 1000 Watt
Metal Halide Light
Fixtures

Mledtech System:
50 Each 420 Watt LED
Performance Flood
Lights



Customer Profile

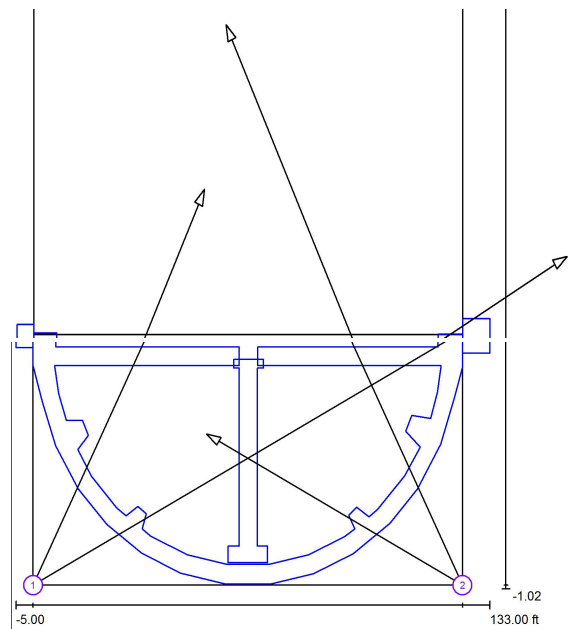
The Prince George's County Trap and Skeet Center is a premier shotgun clay target shooting facility. The club was built by MNCPPC in the 1970 and opened for business as Winchester Gun Club in July 1975. Winchester ran the club until Beretta took over in the 1980's. MNCPPC took over operation in the 1990's and is still successfully operating the facility.

Scope of Work

During the fall of 2017, Mledtech was contacted to create a world class lighting design for the eight trap field and thirteen skeet fields at the club. This project consisted of a one for one replacement of the existing 1000W metal halide fixtures and re-purposing the existing poles. Properly placed lighting provides continuous illumination in the entire range. There are multiple luminaires illuminating the field, each of which will contribute to the illumination of a vertical surface. It is therefore important to ensure that the vertical illuminance is within minimum and maximum limits so that the flight path of the skeet will be increased for better aiming and optimal visibility.

The Solution

Each Mledtech Vision Smart FL6M-420W Smart LED Performance Flood Lights fixtures were mounted on a custom made bracket designed to work with the existing poles. An engineered photometric design was performed and provided exact aiming points for each fixture. Our LED lighting solutions deliver uniform light in the air and on the field much more efficiently than metal halide and significantly reduce unwanted light spill and sky glow.



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LED Sports Lighting

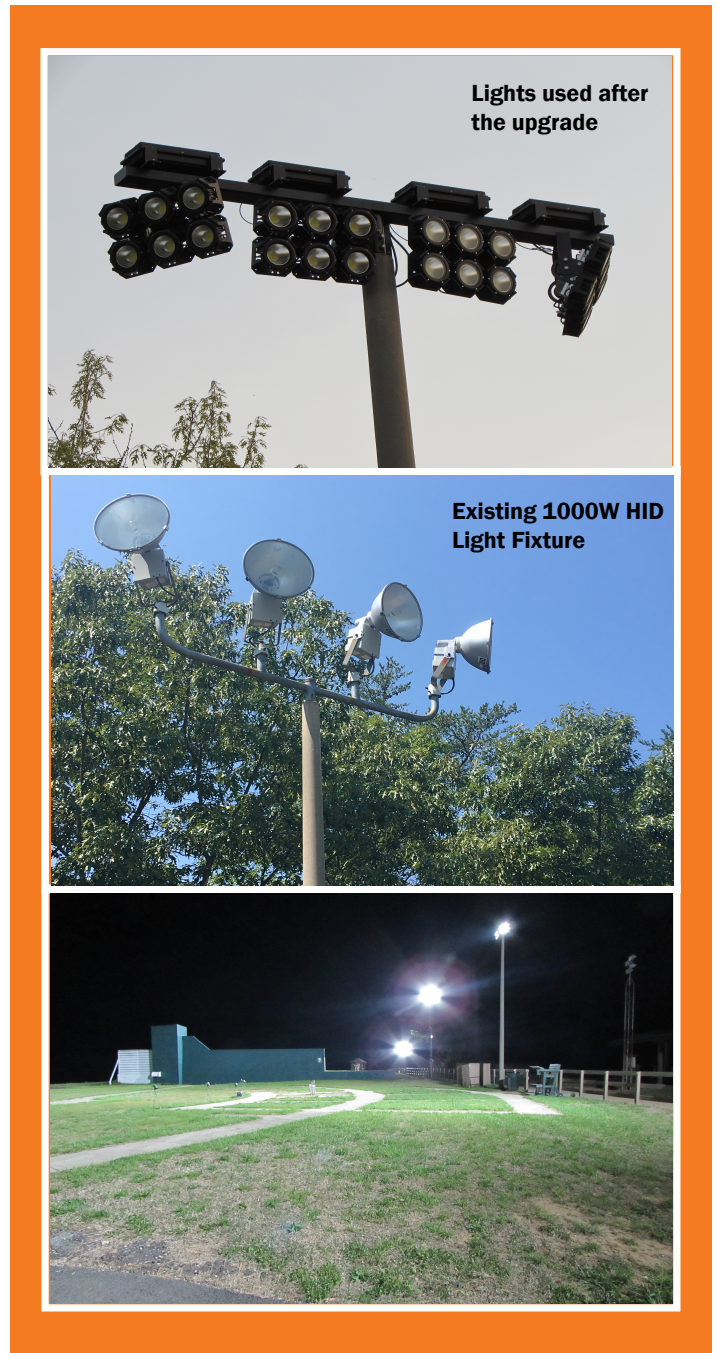
Enhance Athletes' Performance

The Results

After the installation the facility manager said "Wow! What an amazing improvement!".

Where every shot counts, uniform, no-glare light with high vertical illuminance levels make all the difference. This design ensured crisper, clearer lighting levels inside the range, making it easier to see the targets. Each individual LED lights were positioned differently, giving a glare free, better lighting result at the skeet and trap center.

Mledtech Vision Smart FL6M-420WLED Performance Flood Light Fixture improved the trap and skeet club experience with the greatest visual comfort for members. The advantage is clear. Mledtech products produce the highest quality lighting in the industry backed by a ten 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



Tennis Courts



Recreational Facilities



Ice Rinks



Football Stadiums



Trap and Skeet

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