

Route 1 Athletics

Case Study

Previous System:
400W Metal Halide
High Bays

Mledtech System:
150W LED High Bays
Recreation Series



Customer Profile

Route 1 Athletics is a 10,000 square foot training facility. The personal and team training center is fully turfed with an in house sports physical therapist, batting cages and basketball hoops.

Scope of Work

Mledtech was contacted to create a lighting design for Route 1 Athletics. This project consisted of a one for one replacement of the existing 400 Watt Metal Halide Fixtures.

Gymnasiums and athletic facilities require durable lighting solutions that deliver high lumens with minimal glare. Glare and flicker can negatively impact not only the students, but the instructors as well. It is imperative to install a lighting system that has minimal glare output as well as steady and consistent luminosity. This will create a comfortable environment for the athletes and ensure the smooth running of training activities. LED technology prevents excessive glare thanks to the use of low glare asymmetrical optics or light diffusers.

The Solution

An engineered photometric design was performed. We checked glare and light output. Then we provided exact installation location for each fixture. Mledtech Vision Smart 150 Watt LED High Bay Recreation Light Series fixtures were easily replaced with our one for one replacement plan. Our LED lighting solutions deliver uniform light in the training facility much more efficiently than metal halide light and significantly reducing glare and cutting energy costs by more than 65 percent.



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LED Sports Lighting

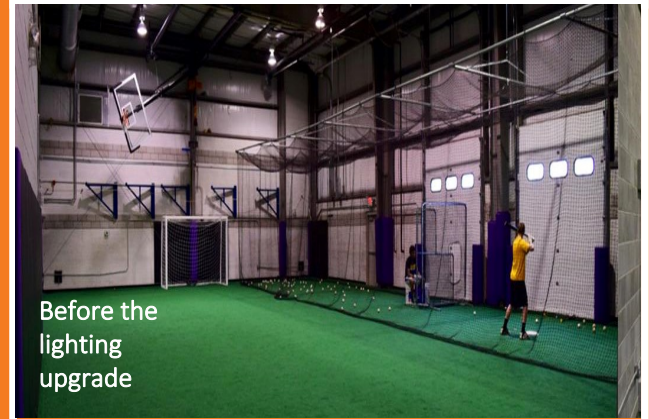
Enhance Athletes' Performance

The Results

Where every burpee counts, uniform, no-glare light does not effect the vision of the trainers or the athletes. Mledtech luminaire produce a minimum of glare and spillover, and require no maintenance. Our recreation facility lighting can also deliver more efficiency due to its instant on/off capabilities, which is superior to the minutes of downtime and wasted energy of each on/off cycle of a metal halide fixture.

The new system achieved an average of a 53 percent light output increase. Also, 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 Bay Light Recreation Series improved the Route 1 Athletic experience with the greatest visual comfort for the trainers and athletes. The advantage is clear. Mledtech products produce the highest quality lighting in the industry backed by a seven 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



Paddle Tennis
Courts



Recreational
Facilities



Ice Rinks



Football
Stadiums



Trap and
Skeet

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