

Foothills Fieldhouse



Highbay LED Upgrade

The Challenge

The Foothills Park & Recreation District was looking to upgrade one of their highest-use facilities. The Foothills Fieldhouse is one of Denver’s premiere indoor sporting facilities with a reputation of putting customers first. Their existing lighting was not providing adequate light levels becoming a maintenance nightmare. They rented a lift 2-3 times per year to service many lamps and ballasts burning out. The existing fixtures had a variation of different color temperatures, projected shadowing distributions, and had very long warmup times. The goal was to drastically improve light levels and quality while reducing energy use and maintenance.

The Solution

LED Supply Co. provided a 400W HID replacement fixture as a 1-1 with the Litetronics 220W LED Highbay. A total of 80 units were replaced, fitted with a High Impact Poly-carbonate Lens for potential run ins with hockey pucks and soccer balls. Litetronics 7 Year Warranty guaranteed maintenance free operation and maximized energy reduction. The result is a more even playing surface which reduces shadowing completely. Additionally, the LED Fixtures are instant on with no warm up time, so when the game gets going the light levels are at full power.

Xcel Energy Rebates

Xcel Energy granted the customer a significant rebate for the upgrade totaling \$12,000 towards the cost of the materials and installation



Green Impact

The Foothills Fieldhouse will achieve an estimated 52% reduction in Greenhouse Gas Emissions by implementing this Lighting Efficiency Project.

- Carbon sequestered by 55.5 acres of trees
- Reducing GHG Emissions by 129,175 lbs
- Removing 12 cars from the road