

Lighting System Information

Petco Park is the first National League ballpark to install LED lighting

System Components

- 10 “racks,” encompassing 460 SportsCluster Green™ LED luminaires, all with 1,200-watt bulbs (installed in partnership with Cisterra Development)
- Tallest light standards (in vertical configuration) are atop first and third base towers – 205 feet above playing field
- Other light standards (in conventional horizontal configuration) are 190 feet above field
- Complete solution is engineered – incorporating advanced structural, electrical, and lighting components – to provide a cost-effective, trouble-free lighting system

Energy

- 639 kW energy use at full power
- Reduces energy consumption by 42% compared to the prior lighting
- Cuts CO2 emissions by 3,132 metric tons over 10 years, equivalent to taking 660 cars off the road for one year

Light Control

- Custom designed reflectors with advanced light control produces an environment that is visually and aesthetically pleasing for participants, spectators, and HD broadcasts, while maximizing energy savings
- Luminaires with optic controls for each LED improves playability with the near absence of glare
- Delivers superior broadcast quality lighting without the “flicker” effect
- Interfaced with a DMX board for special effects
- Dimming controls allow for the light output to be varied when full power of the system is not needed, saving additional energy
- Instant on/off capabilities allow for special effects and eliminate the time for the lamps to warm up before the output has reached full light levels

Service

- Maintenance is eliminated with Musco’s long-term parts and labor warranty, backed by a team of technicians

About Musco

Since 1976, Musco Lighting has specialized in the design and manufacture of sports and large area lighting solutions around the world. Musco has pioneered systems using metal halide and LED technologies that have made dramatic improvements in energy efficiency and provided affordable ways to control spill light and glare. Permanent and temporary lighting solutions range from neighborhood Little League® fields to Olympic Games. Musco has a global team of experts that partner with customers to plan, complete, and maintain a cost-effective, trouble-free lighting solution for their facility.

For more information on Musco’s innovative lighting solutions, visit: www.musco.com.