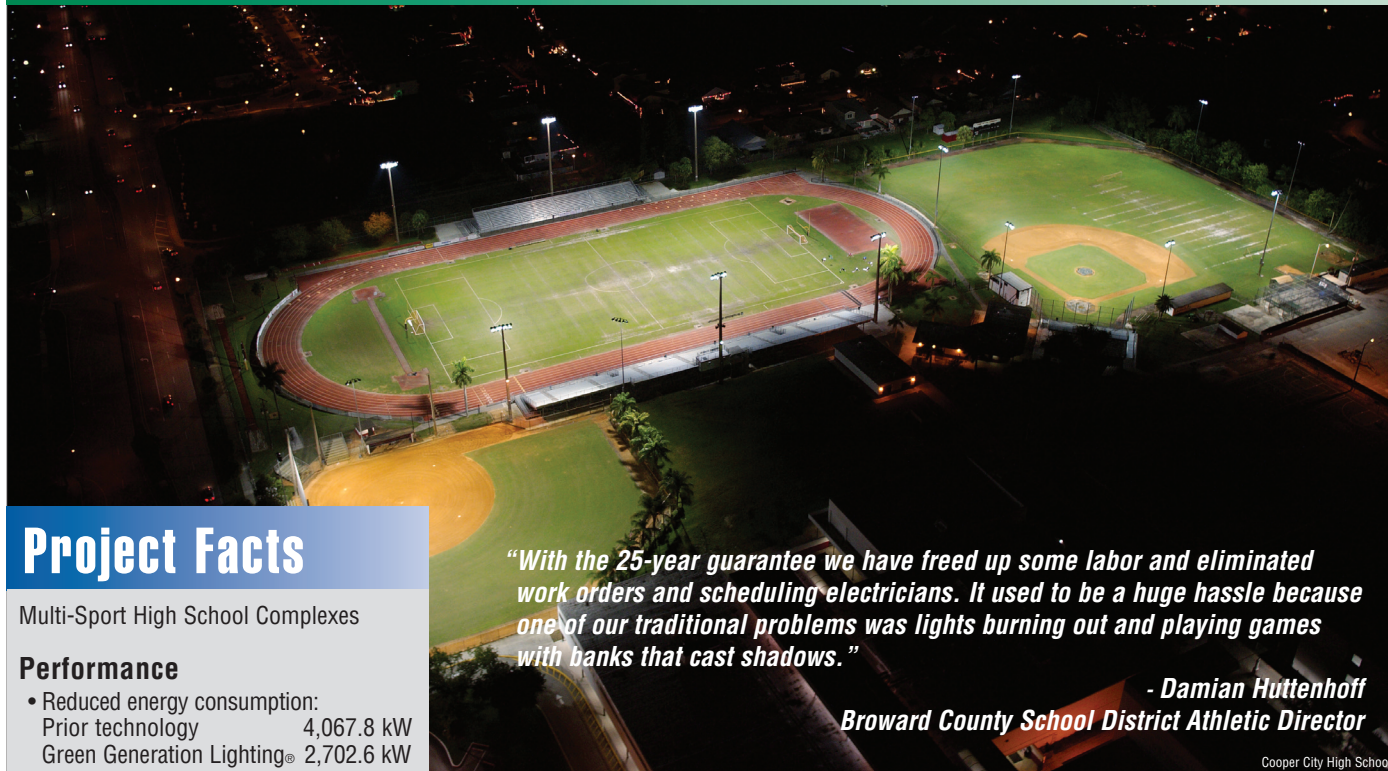


Broward County Schools

Broward County · Florida



Green Generation Lighting® Saves \$3,308,000



Project Facts

Multi-Sport High School Complexes

Performance

- Reduced energy consumption:
Prior technology 4,067.8 kW
Green Generation Lighting® 2,702.6 kW
- 14 Football Fields – 50 constant horizontal footcandles (500 lux), 2:1 uniformity
- 1 Football Field – 100 constant horizontal footcandles (1000 lux), 2:1 uniformity
- 11 Tracks – 30 constant horizontal footcandles (300 lux), 4:1 uniformity
- 20 Baseball/Softball Fields – 50 infield/30 outfield constant horizontal footcandles (500/300 lux), 2:1/2.5:1 uniformity
- 12 Tennis Courts – 30 constant horizontal footcandles (300 lux), 2:1 uniformity
- 2 Basketball Courts – 50 constant horizontal footcandles (500 lux), 2:1 uniformity

Lighting System

- Light-Structure Green™
217 poles · 489 luminaires
- SportsCluster Green™
1,239 luminaires
- Control-Link® Control and Monitoring System

"With the 25-year guarantee we have freed up some labor and eliminated work orders and scheduling electricians. It used to be a huge hassle because one of our traditional problems was lights burning out and playing games with banks that cast shadows."

- Damian Huttenhoff

Broward County School District Athletic Director

Cooper City High School

When Hurricane Wilma ripped through southern Florida, Broward County's sports facilities were devastated, except for their new Green Generation Lighting® systems, which were undamaged. So when the school district replaced the destroyed lighting systems on its 18 high schools' 49 athletic fields, they looked to Musco Lighting. With over \$3 million in savings projected for the 1728 Green Generation™ luminaires, as well as reduced maintenance needs with Musco's Constant 25™ product assurance and warranty program, the school district has not only recovered from the storm, but systems are in place to better weather the storms of the future.

Key Issues

Automated Control System

- Allows on/off schedules to be entered via an easy-to-use web-based program
- Reduces energy use, labor costs, and hassle
- Monitoring system detects luminaire outages so repair technicians can be proactively dispatched

Life-Cycle Cost Savings

- 25-year projected life-cycle savings is \$3,308,000 through reduced energy consumption, group lamp replacements, controls savings, and maintenance provided by Musco

Warranty

- Constant 25 product assurance and warranty program eliminates need for staff labor, work orders, and electricians to make repairs, as all maintenance for 25 years will be provided by Musco



We Make It Happen®

Inside United States
1 800 825 6030
Outside United States
1 641 673 0411
www.musco.com
e-mail: lighting@musco.com