

UC Davis Aggie Stadium

Home of the Aggies · Davis, California

Light-Structure
GREEN™

SportsCluster Green™ Saves \$77,000



"It's hard to secure funds for an entire purchase at one time, but athletic departments can come up with \$60,000 to \$70,000 a year to budget and move on with projects."

— Bob Bullis

Former University of California Davis Senior Associate Athletic Director

Project Facts

College Football Stadium

Performance

- Reduced energy consumption:
Typical floodlighting 486.0 kW
Light-Structure Green™ 264.8 kW
- 100 constant horizontal footcandles (1076 lux), 1.2:1 uniformity

Lighting System

- Light-Structure Green
4 specialty poles · 180 luminaires
- Control-Link® Control and Monitoring System

After hurricanes Katrina and Rita pummeled gulf states in 2005, athletic officials thousands of miles away at the University of California Davis were dealt a major setback. As bidding opened for the \$31 million Aggie Stadium, building material costs skyrocketed. Field lighting plans were cut, and fans endured one long, hot season of day games. Former UC Davis Senior Associate Athletic Director Bob Bullis found one source to fund the purchase and installation of their Light-Structure Green™ system with the Constant 25™ product assurance and warranty program. Thanks to the Musco Finance™ lease-purchase program, UC Davis gained a complete lighting solution offering efficiency and spill/glare control within a planned expense that boosters could support long term.

Key Issues

Financing

- Musco Finance provided a customized lease-purchase solution that met the cash flow needs of the university athletic department

Environmental Light Control

- Musco's spill and glare control eliminated concerns about trespass light affecting the area surrounding the stadium

Life-Cycle Cost Savings

- 25-year projected life-cycle cost savings is over \$77,000 through reduced energy consumption, group lamp replacements, controls, and maintenance provided by Musco



We Make It Happen.®

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