

Prior Floodlighting



Photographs taken from Sentinel Peak (A Mountain).
Before and After photographs taken with same camera at same settings:
Nikon D2 camera with 200mm lens; shutter speed - 1/60 sec.; lens aperture - f/2.8; ISO - 2000

Key Points:

- Over 100,000 watts in energy savings from prior lights – 500,000 kWh estimated reduction over next 25 years
- Increased on-field light levels by 25% to meet NCAA Best Practices for BCS competition levels
- Reduced measurable off-site spill light by 75%
- Improved uniformities on-field
- Eliminated maintenance costs for next 25 years

25-Year Life-Cycle Savings: \$113,000

**ARIZONA STADIUM, UNIVERSITY OF ARIZONA
Tucson, AZ**

125 constant horizontal/vertical footcandles; 1.5:1 uniformities

System Energy Consumption:

• Prior Floodlighting – 463.3 kW
95 horizontal footcandles

• Musco Green™ – 362.8 kW
125 horizontal footcandles

After Green Generation Lighting®



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Green Generation Lighting®