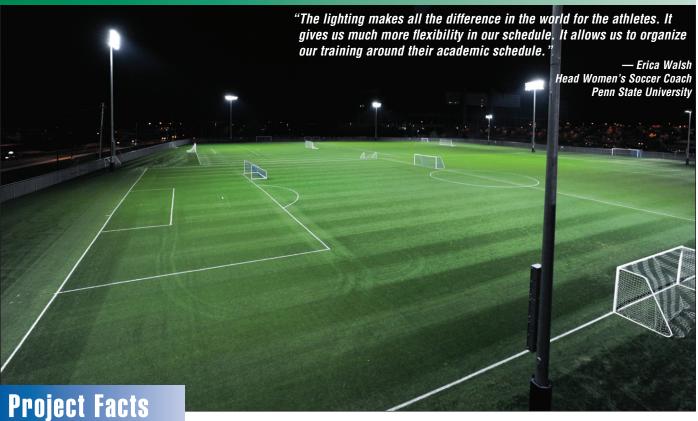
# **PSU Practice Soccer Fields**



Home of the Nittany Lions · University Park, PA





College Practice Soccer Fields

### **Performance**

- Reduced energy consumption:
   Typical floodlighting 356.4 kW
   Light-Structure Green™ 206.4 kW
- 50 constant horizontal footcandles (538 lux), 2:1 uniformity

### **Lighting System**

- Light-Structure Green 8 poles · 132 luminaires
- Control-Link® Control and Monitoring System

Penn State needed lighting for their men's and women's soccer teams to allow for longer evening practices than daylight allowed. Choosing Musco's Light-Structure Green™ systems made the most sense, for the cost savings in both energy and maintenance as well as the lights' superior spill and glare control. "We like Musco's Green Generation™ system because it uses less electricity to operate. They are definitely energy-efficient lighting systems," explained Penn Sate Project Manager for Design and Construction Marvin Bevan. Said PSU's Head Women's Soccer Coach Erica Walsh, "The best thing about Musco lights is that I don't notice spill light. The spill light shouldn't be a distraction."

# Key Issues

## **Environmental Light Control**

• Meets strict guidelines to minimize off-site spill and glare light on adjacent property

## Life-Cycle Cost Savings

- Musco's Light-Structure Green™ reduces energy consumption from prior technology of 356.4 kW per hour to 206.4 kW per hour
- 25-year projected life-cycle cost savings is over \$193,000 through reduced energy consumption, group lamp replacements, controls, and maintenance provided by Musco

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