

## Maryland community solves spill/glare concern

An increasingly important issue when lighting an outdoor athletic facility is the need to minimize spill light and glare. As cities and suburbs continue to expand, it's becoming more common that parks and sports fields are placed next to homes, roads, and airports. Along with specific property line concerns, there is the general consideration of the environmental impact associated with lighting a field.

Fairland Regional Park in Silver Spring, MD, required this type of strict light cutoff. "We wanted to specify a fixture that emits the minimum amount of light off site", says Butch Payton, project manager/civil engineer for the Maryland National Capital Park & Planning Commission. The existing soccer and softball fields at Fairland were not lit and had houses located only 200 feet from the soccer field.

"As a whole, communities don't like to have fields lit because there's an influx of people at night and because there's light spilling onto their property," Payton says. "We had to assure the community that the light would not be excessive. Once the lights were installed, there were no complaints. The fixtures met the specifications, with no negative environmental impact."

The commission hired Hubbell Lighting, Inc., Christiansburg, VA. Hubbell's SLS, Sportsliter Solutions Group, used its spill and glare control fixture to reduce light trespass at the park. The fixture is precisely engineered using internal louvers that redirect the light. By achieving maximum light cutoff internally, the SLS spill/glare control fixture also avoids increased dirt depreciation and wind loading problems found with external attached visors.

Heather Johnson, senior application engineer for Hubbell Lighting, designed the lighting layout for Fairland Regional Park. "The internal glare louvers were designed to minimize the brightness of the source of light from a distance," says Johnson. "When you take the brightness away from the light, that makes the neighbors happy. We also wanted to increase the efficiency of the design by putting more light on the field where it's wanted and less light on the surrounding property."



Minimizing spill glare and light is an important issue.



### Great Fields Get Noticed.

Turfco offers you a strong team of turf building equipment. They're the fastest and most versatile equipment to let you build harder and healthier turf. Your sports fields become safer to play on and become easier to maintain. Originators of Mete-R-Matic® top dressers in 1961, Turfco's professional equipment gives your field a look that gets noticed.

#### Pro Turf Edger

Special design makes it easy to follow any edge. Eliminates spade work around the diamond. Oscillating blade action cuts fast and clean. Leaves no mess or no thrown debris to clean up.

#### Economy Aerator

Now you can afford to breathe life into any sports field. This low cost, 62" aerator has no hydraulics or mechanical linkages for easy use and low maintenance. Hooks up to any vehicle in seconds.

#### Precision Top Dresser

Fast, uniform, versatile. Patented chevron belt lets you handle top dressing, lime, crumb rubber, gypsum, calcine clay, compost and even overseeding with precision. Level fields and amend soil consistently.



For details and the name of your local dealer, call

**1-800-679-8201**

**Turfco Manufacturing Inc.**  
1655 101st Avenue Northeast  
Minneapolis, MN 55449-4420

*Choice Performers,  
Choice Fields.*

**TURFCO**

THE LEADER. SINCE 1961.

Circle 115 on Inquiry Card