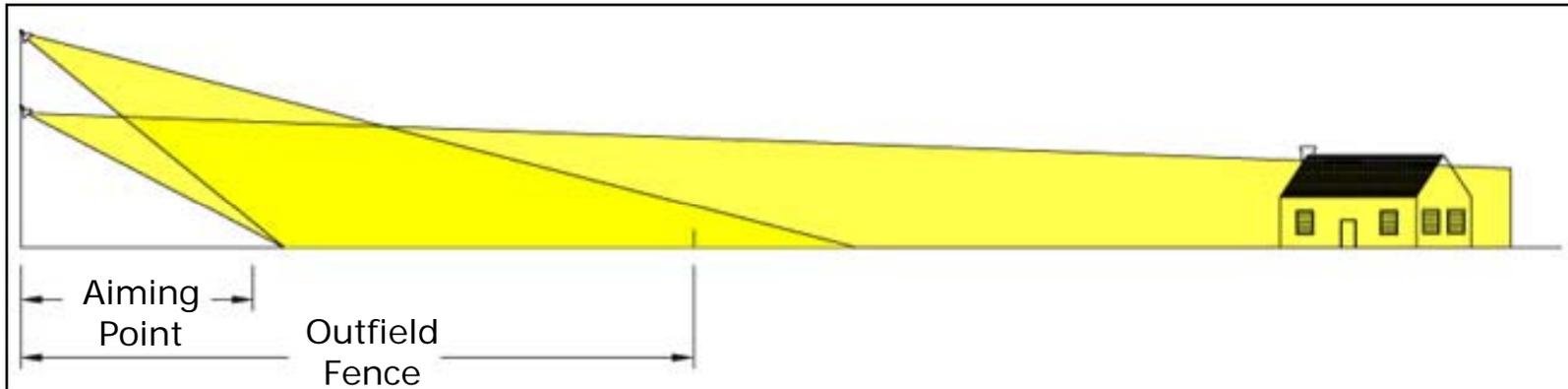


Big Finn Hill Field Conversion

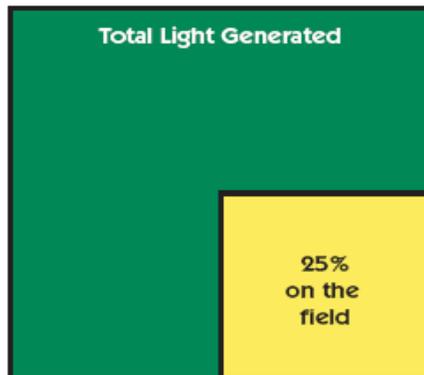
**PHOTOMETRICS
and LIGHTING DETAIL**

Taller poles ensure proper aiming angles, decrease glare for players, and decrease off-site spill light.



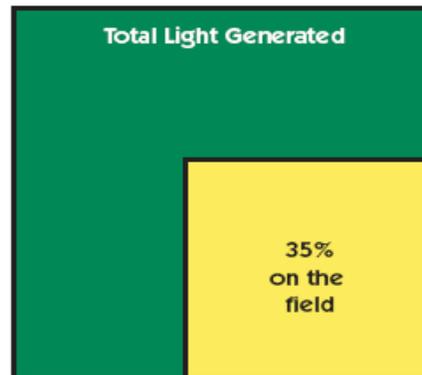
1976

SportsCluster



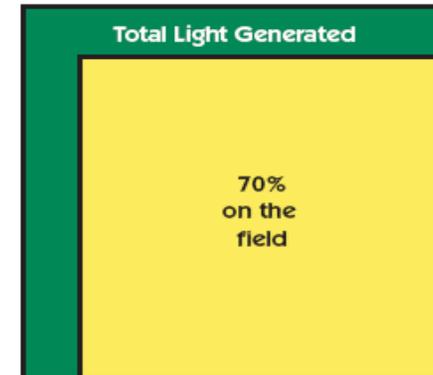
1989

SportsCluster.2



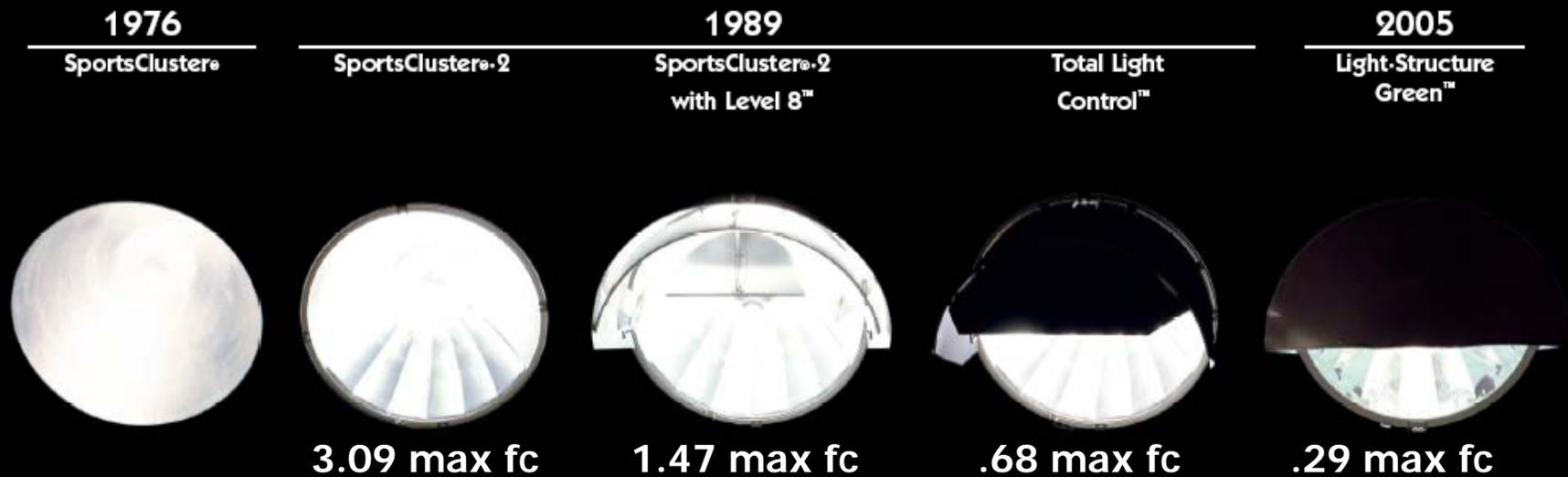
2005

Light-Structure
GREEN.



Musco's technology has developed over 29 years to utilize on the field 70% of the available light energy.

Evolution of Light Control



Maximum vertical footcandles at 150'

53%

53%

57%

Total Reduction from SC2 to LSG – 90%





12 29 2003

How does Light Structure Green reduce spill & glare?

1. Internal optics allow for project specific photometric distribution
2. Improved optics shields the players & neighbors from excess glare

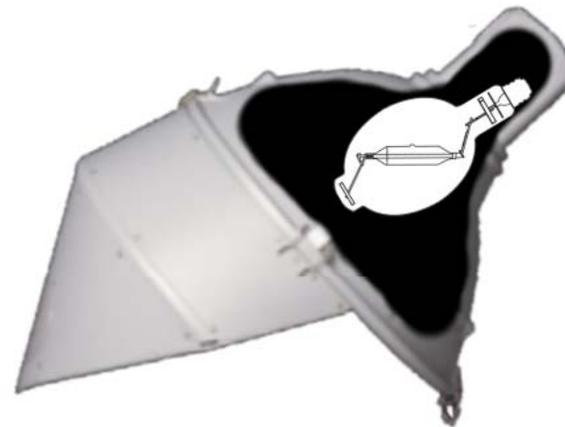


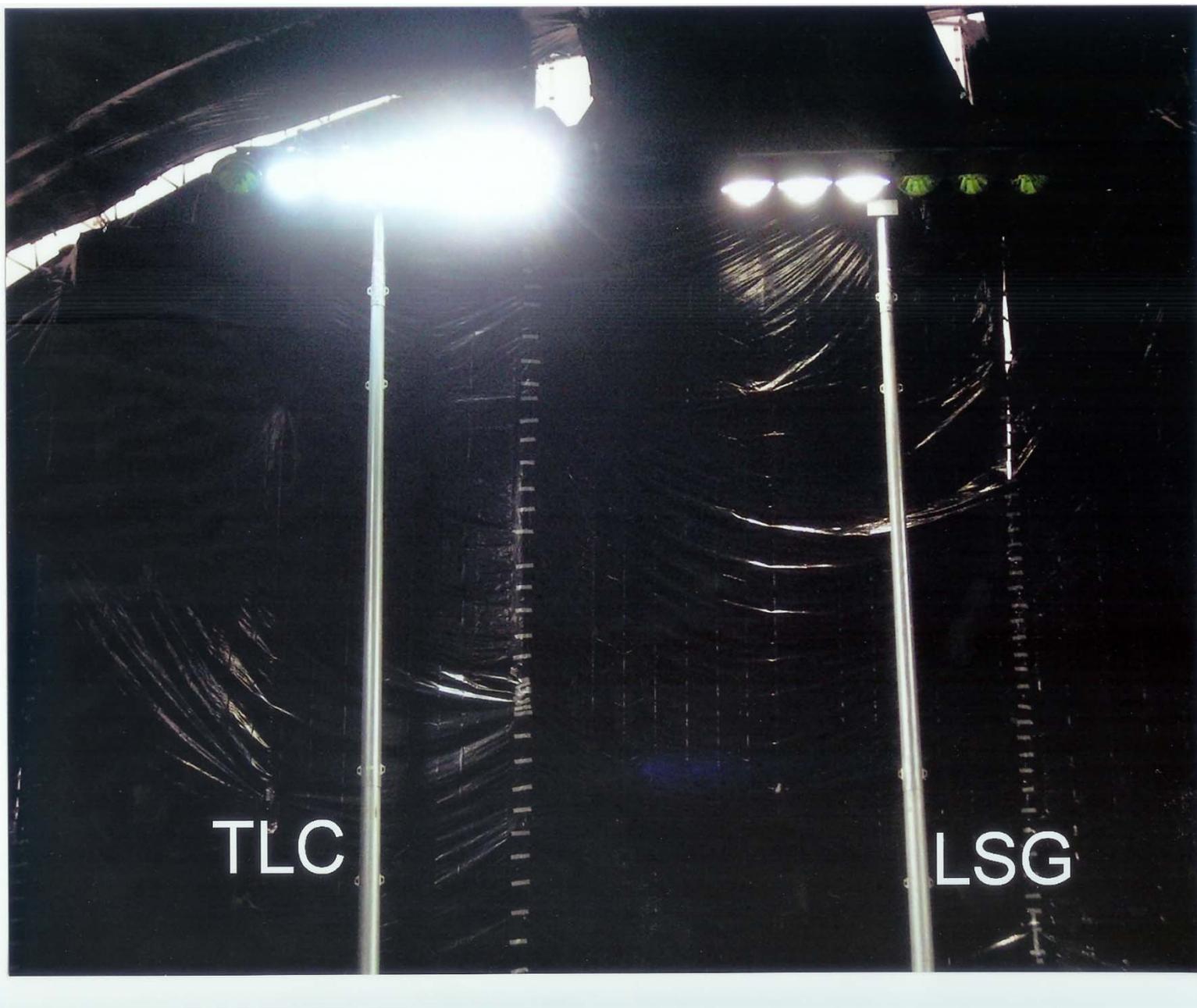
How does Light Structure Green reduce energy cost?

40% Energy Savings



- Improved fixture efficiency
- New aerodynamic visor with beam control
- Geared Tilt adjustment
- 2000 Photometric patterns
- Improved gasketing
- Smart Lamp Technology





TLC

LSG