Solutions for Lighting

LED Lighting Discussion Prepared for: Palm Springs Unified School District





Discussion Topics-Lighting Design / Pole Height

- LED Fixture Technology
- Pole Location / Illumination Levels
- Proximity to Homes, and other Environmental Concerns



Light Control Matters

1977

Musco Metal Halide System

40 years of research, increasing efficiency and decreasing environmental impact.

Today

Musco LED System

Total Light Control for LED



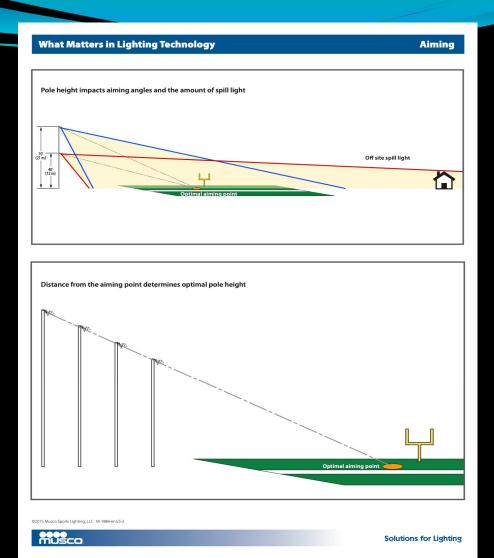
BETTER FOR YOUR BUDGET...

What Matters in Lighting Technology

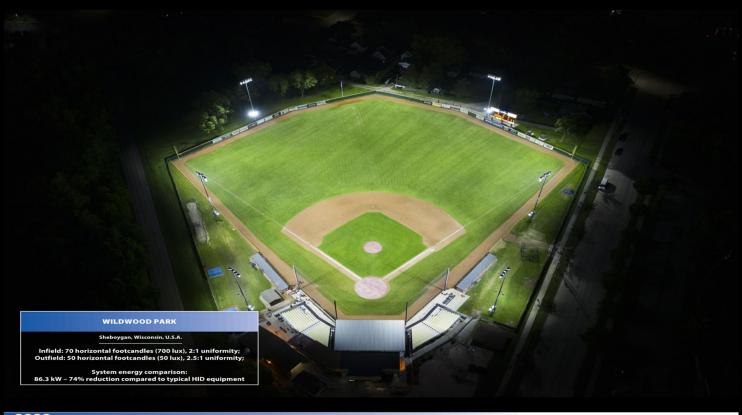


Figure #1- Same Light Pole Setback from the field. 40' Pole (in Red)- Shallow Aiming Angle. Glare to home. 70' Pole (in Blue). Minimized glare to home.

Figure #2- Pole Height is determined by the setback of the pole from the field, the optimal fixture aiming point on the field, and the light fixture optic capabilities

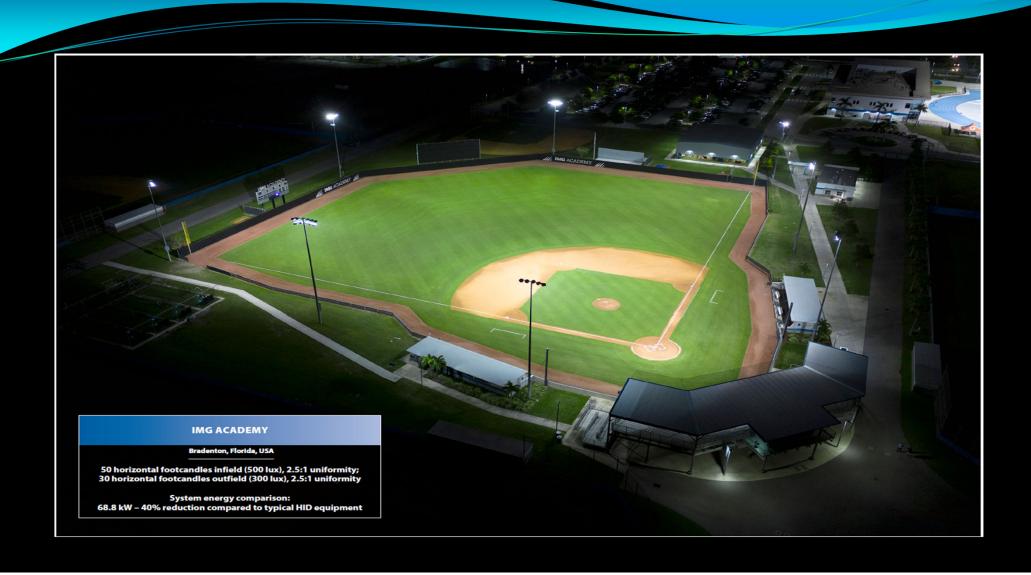


Pole Height, and Optimal Pole Locations will provide a safe, well lit field for High School Athletes



musco

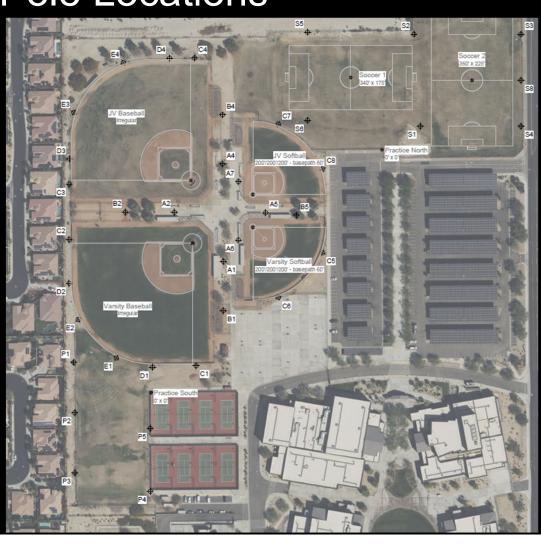
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Rancho Mirage High School – Proposed Lighting



New Light Pole Locations



Neighborhood

