

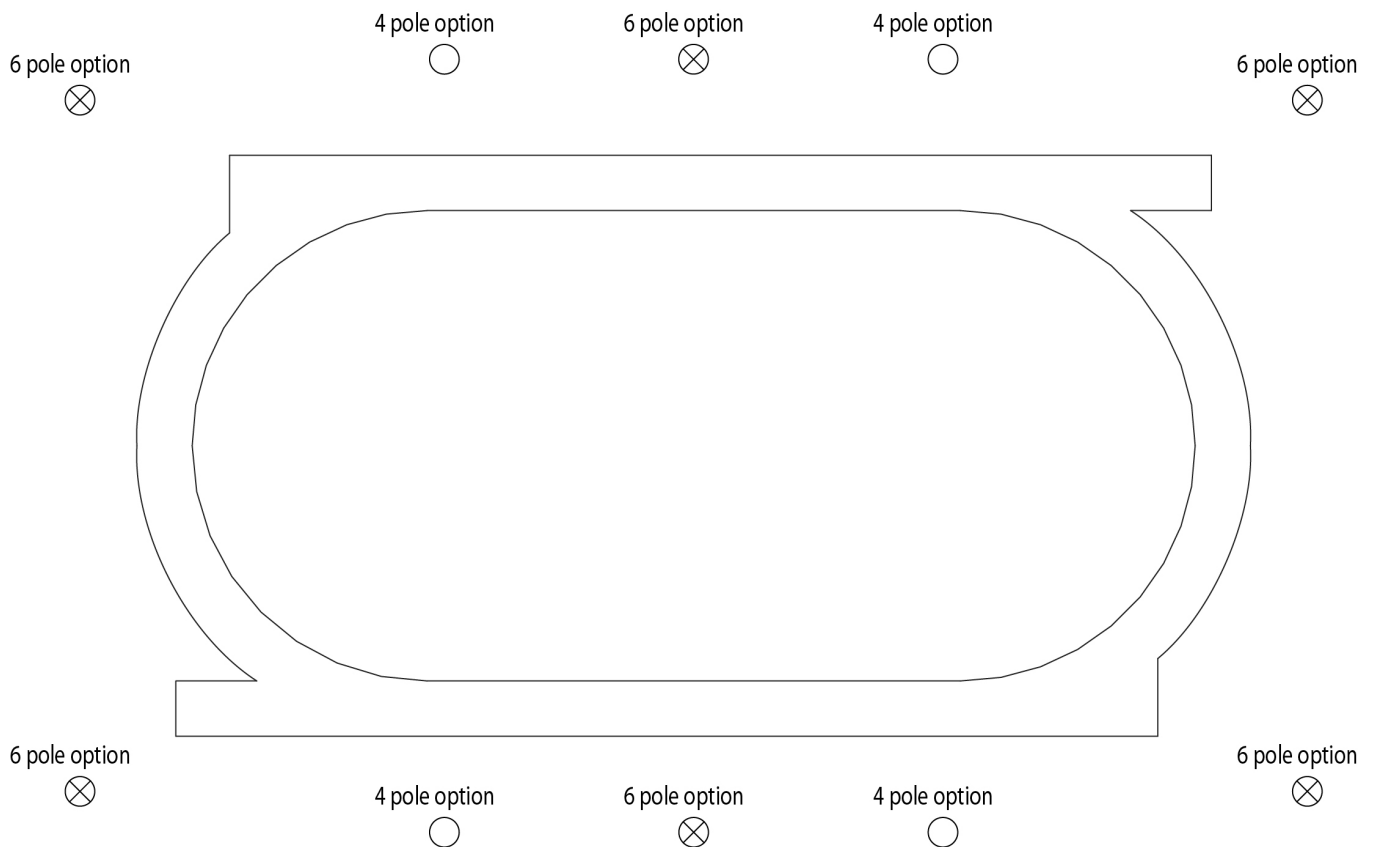


Best Lighting Practices: Track & Field National Broadcast

Summary: Following these recommended best practices will help ensure quality of light needed for safety of participants, enjoyment of spectators, and quality national television broadcasts, as required.

Horizontal light levels: 100 footcandles
Horizontal uniformity: 1.7:1
Vertical light levels: 100 footcandles to center main side high camera
Vertical uniformity: 1.7:1 to main camera
Grid spacing: 30 ft x 30 ft

Recommended pole placement:



1. Special consideration for lighting placement is given to stadiums with customized roof mount potential.
2. Pole placement and aiming angles shall be designed to minimize glare for players, spectators, and television cameras.
3. The ratio of key light to backlight main camera levels should be between 1:1 and 1.5:1. A ratio of 1:1 is preferred.
4. For new facilities or upgrades, it is recommended to consult a lighting professional for optimal pole placement.