

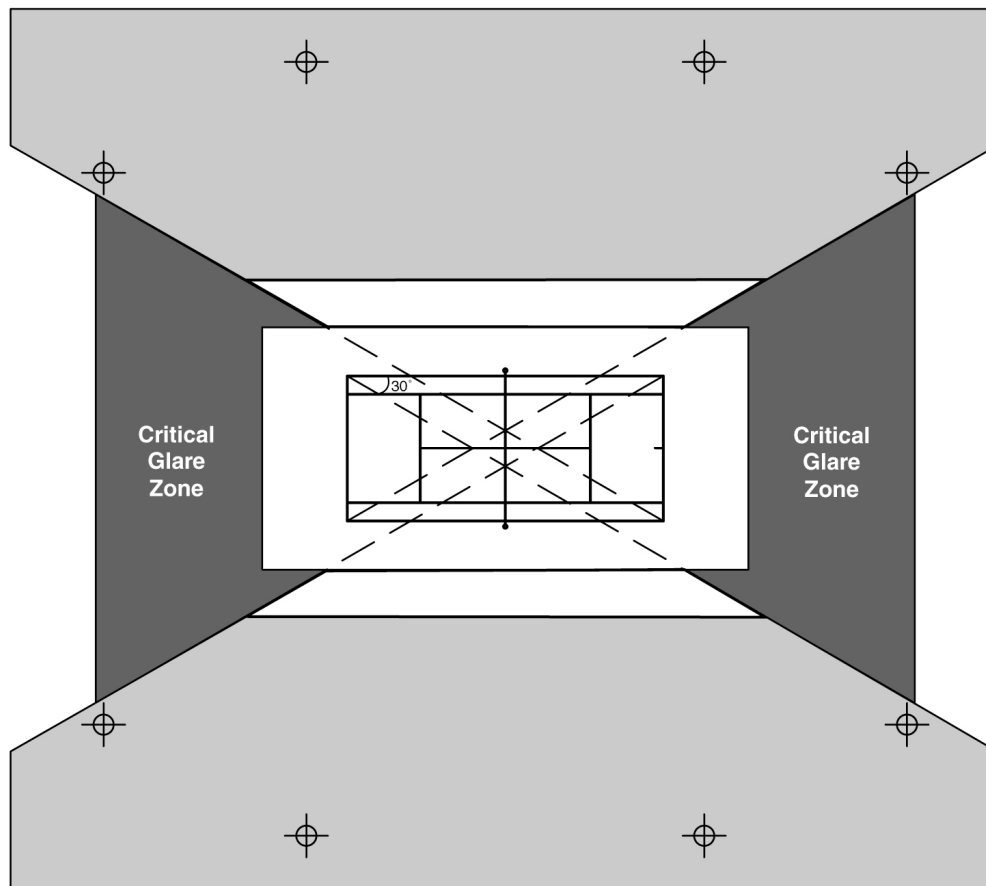


Best Lighting Practices: Tennis National Championship Final Site

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

Horizontal light levels:	125 footcandles
Horizontal uniformity:	1.5:1
Vertical light levels:	125 footcandles to high end camera main 75 footcandles to low net camera
Vertical uniformity:	1.5:1 to high end camera main 1.7:1 to low net camera
Grid spacing:	10 ft x 10 ft

Recommended pole placement:



1. Typical court size is 60 ft x 120 ft. Primary playing area is 48 ft x 98 ft. Special consideration may be needed for lighting spectator areas depending on broadcast requirements.
2. Gray shaded areas indicate recommended pole locations. Location and quantity of poles and lighting sources shall depend on stadium design, size, and pole setback requirements.
3. Angle should be a minimum of 25 degrees for sharp cutoff-type luminaires and a minimum of 30 degrees for floodlights.
4. For new facilities or upgrades, it is recommended to consult a lighting professional for optimal pole placement.