



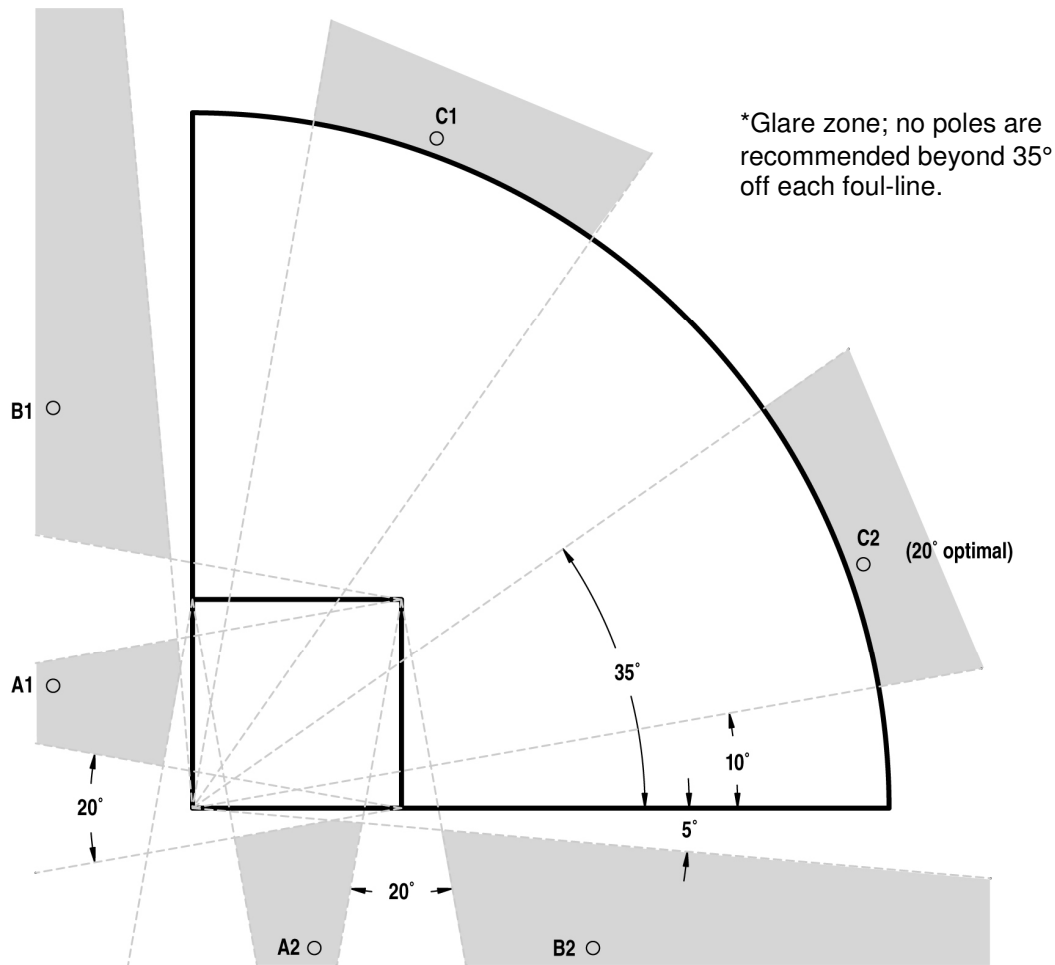
# Best Lighting Practices: Softball

## National Championship Final Site

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

Horizontal light levels:	125 footcandles infield / 100 footcandles outfield
Horizontal uniformity:	1.3:1 infield, 1.7:1 outfield
15 degree vertical light levels:	90/50 footcandles to high home plate camera 90/50 footcandles to 1 <sup>st</sup> baseline camera 90/50 footcandles to 3 <sup>rd</sup> baseline camera
Vertical uniformity:	NA
Grid spacing:	20 ft x 20 ft

Recommended pole placement:



1. Shaded areas indicate recommended pole location; an 8 pole design is preferable.
2. Line drawn through each "A" pole location must be behind home plate to ensure lighting the portion of the ball the batter sees as it crosses home plate.
3. Consideration should be given to locating "B" poles between 1/3 and 2/3 distance of the foul-line. This positioning towards the outfield foul pole allows the ball to be lit in a more constant perpendicular illuminance as it travels from the infield to the outfield.
4. Recommend minimum field sizing is as follows: 190 feet down the lines and 200 feet minimum to the center.
5. For new facilities or upgrades, it is recommended to consult a lighting professional for optimal pole placement.