

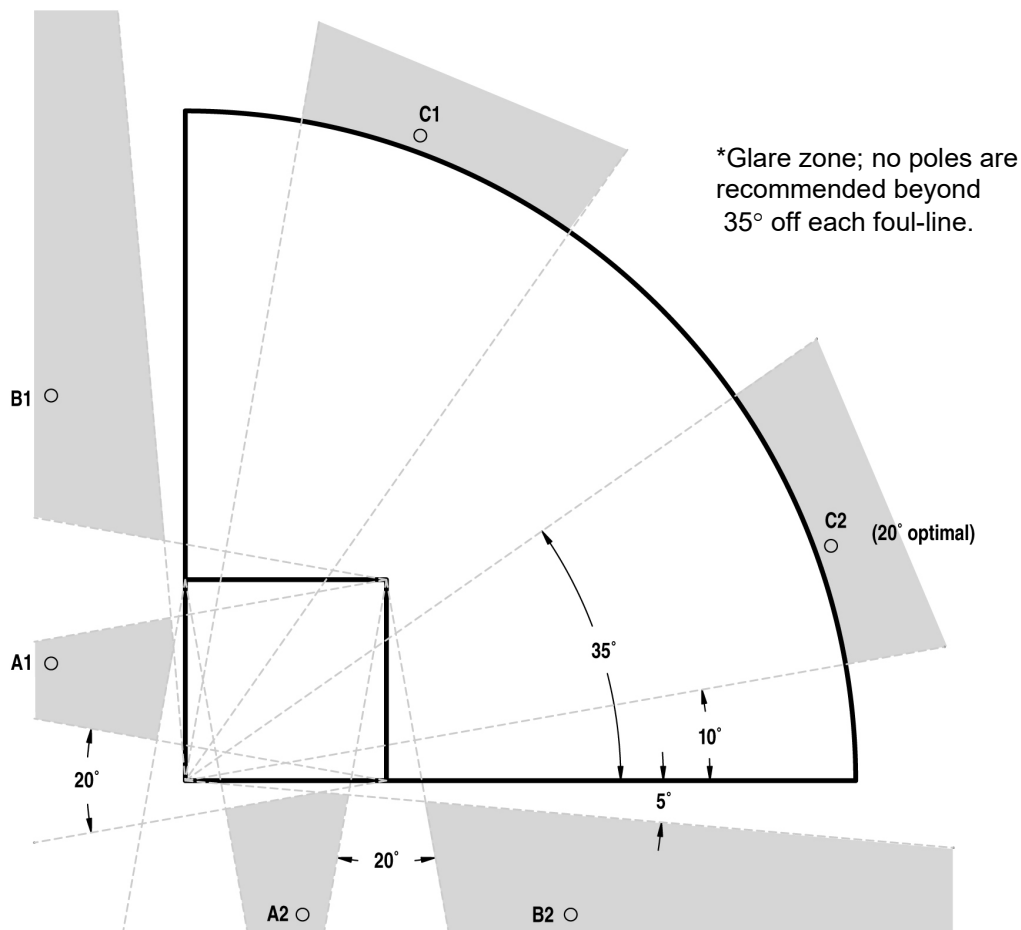


Best Lighting Practices: Softball Regional and National Broadcast

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

Horizontal light levels: 100 footcandles infield / 70 footcandles outfield
Horizontal uniformity: 1.5:1 infield, 2.0:1 outfield
Vertical light levels: 70/40 footcandles to high home plate camera
70/40 footcandles to 1st baseline camera
70/40 footcandles to 3rd baseline camera
Vertical uniformity: NA
Grid spacing: 20 ft x 20 ft

Recommended pole placement:



1. Shaded areas indicate recommended pole location.
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.