

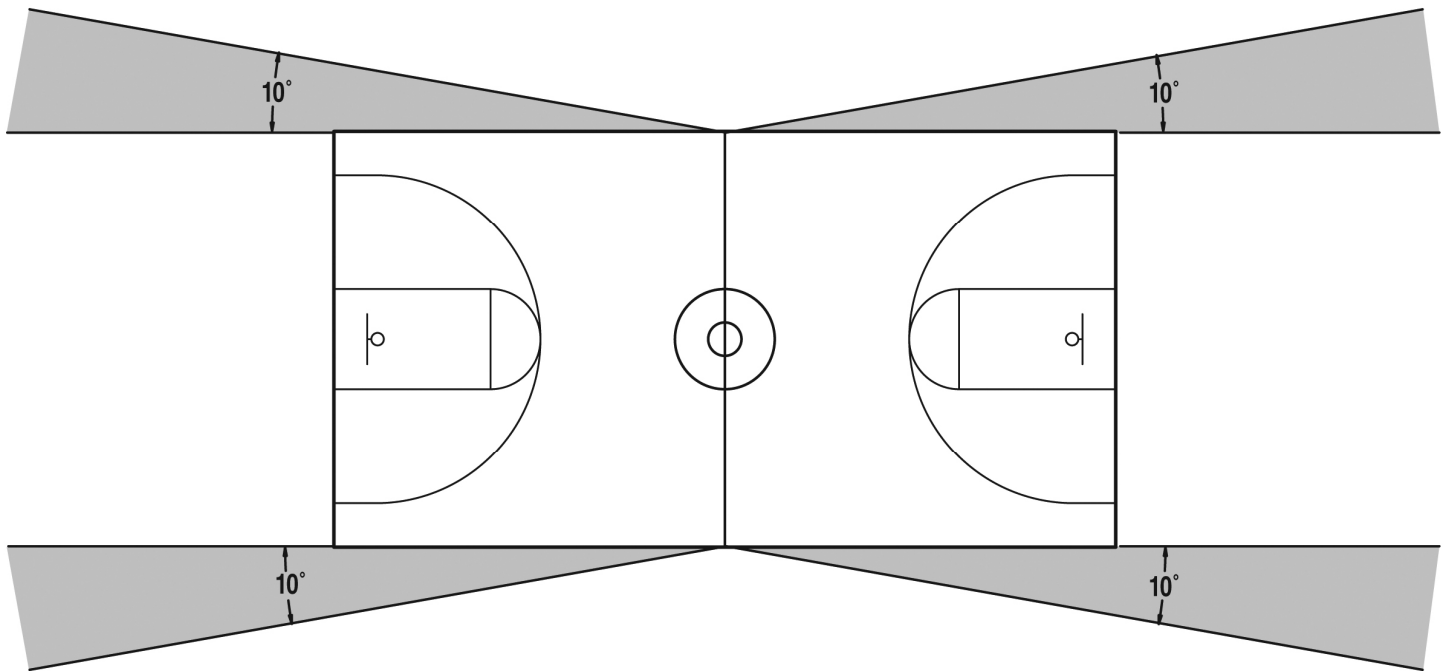


## Best Lighting Practices: Basketball National Broadcast

**Summary:** Following these recommended best practices will ensure quality of light needed for the 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 camera (main camera)  
60 footcandles to end line camera  
Vertical uniformity: 1.7:1 to main side camera  
Grid spacing: 10 ft x 10 ft

Typical facility layout:



1. For new facilities or upgrades, it is recommended to consult a lighting professional for optimal luminaire placement and catwalk locations.
2. Optimal luminaire placement, mounting heights, and catwalk locations will impact playability and minimize glare and skip glare.
3. To achieve required vertical footcandles, some lights must be mounted beyond the sides of the court.
4. As a general rule, due to mounting heights, lower wattage luminaires are used, commonly 1000 watt.
5. No luminaires are recommended in shaded areas directly aimed to the field of play.