



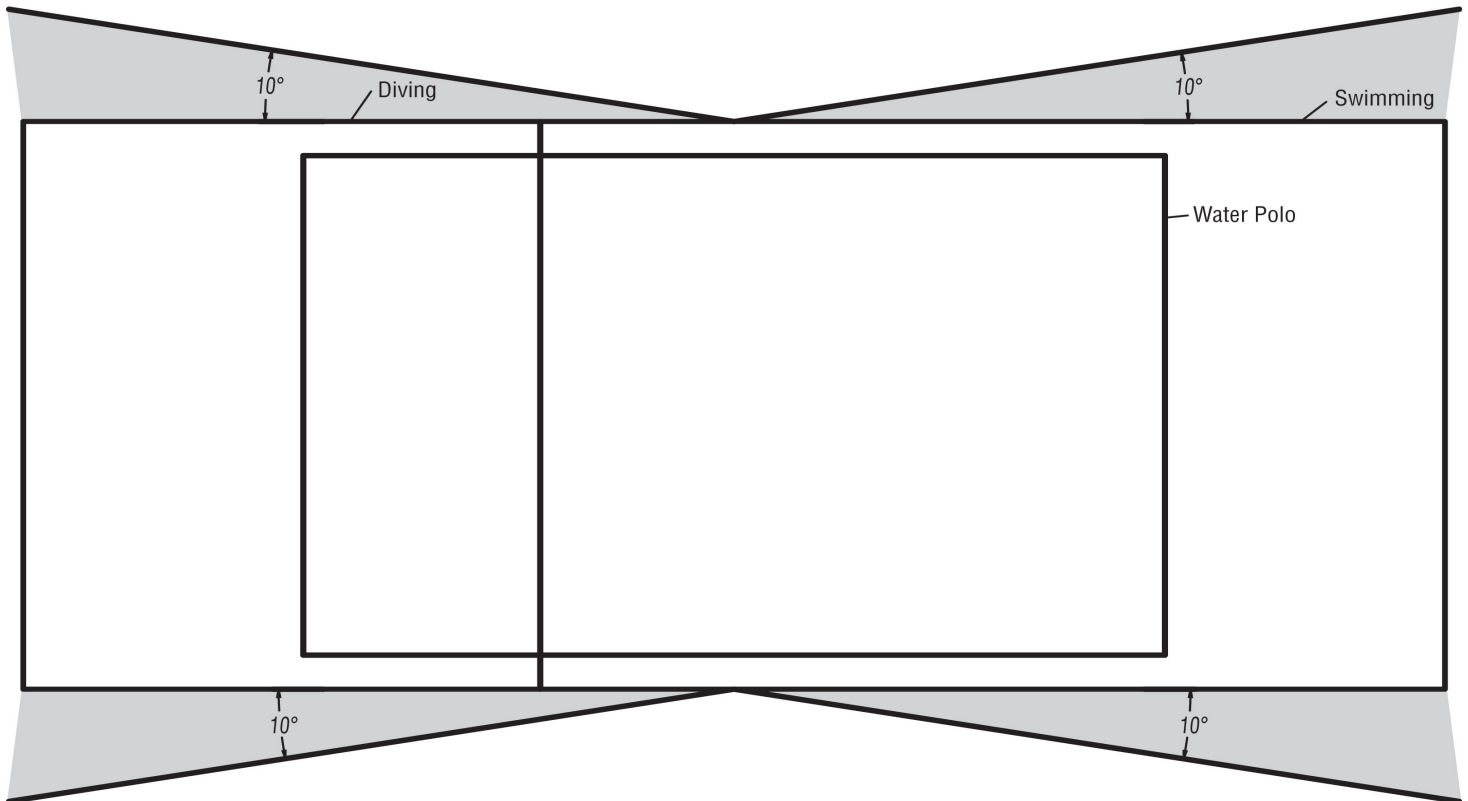
## Best Lighting Practices: Swimming, Water Polo, and Diving National Broadcast

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

Horizontal light levels:	100 footcandles
Horizontal uniformity:	1.7:1
Vertical light levels:	100 footcandles (center main side high camera) 60 footcandles (end line camera)
Vertical uniformity:	1.7:1 (main camera)
Grid spacing:	10 ft x 10 ft

Typical facility layout:

### recommended fixture location area regional, national, and national championship final site broadcast



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 pool.
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 pool.