



# Lighting Performance Checklist: Swimming, Water Polo, and Diving

Prior to being approved for a televised event, facility must submit this checklist during the championship bid process to the championship administrator. Phone: 317/917-6222.

Inspection must be completed by a qualified lighting technician using a light meter calibrated within the last 12 months.

Press "TAB" to navigate to cells to enter required data. Average light levels and uniformity values automatically calculate when data is entered from light readings at each point on the pool.

Light Levels Taken In:  Footcandles  Lux

Date of Inspection: \_\_\_\_\_ Inspected By: \_\_\_\_\_

College/Organization Name: \_\_\_\_\_

College/Organization Contact: \_\_\_\_\_

Telephone: \_\_\_\_\_ Email: \_\_\_\_\_

Facility Address: \_\_\_\_\_ City, State, Zip: \_\_\_\_\_

### Notes:

Grid pool as shown on the drawing below. Readings are taken in the middle of each square with light meter held 36 inches above ground, pointing up.

Number of grid points will vary depending on pool size and layout.

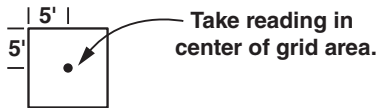
To obtain average light level value:

1. Record light level readings within each square
2. Total all readings, divide by number of grid readings taken

To obtain uniformity ratio:

1. Divide highest (maximum) light level reading by the lowest (minimum) light level reading

10' x 10' grid

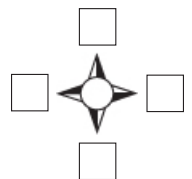


Horizontal Light Level and Pool Survey Results:	
Average light levels:	_____
Uniformity:	_____
(If outdoor) Quantity of poles:	_____
Total # luminaires:	_____
# luminaires operational:	_____
Lamp wattage:	_____
System voltage (if available):	_____
Date lighting system installed:	_____
Lighting manufacturer:	_____
Date of last group relamp:	_____
Annual hours of operation:	_____
Light meter brand:	_____
Model #:	_____
Calibration date:	_____
Include facility photographs that may be helpful for camera or temporary lighting equipment locations, such as, standing on the center pool line pointing towards hanging scoreboard and any obstructions on the catwalks where fixtures are unable to be located.	

### Instructions – Horizontal Light Level Readings: Complete for all surveys.

If outdoors, click outside the pool perimeter to select approximate pole locations on the layout below.

**Pool Orientation:**  
(Please indicate pool orientation in cells around diagram to the right.)

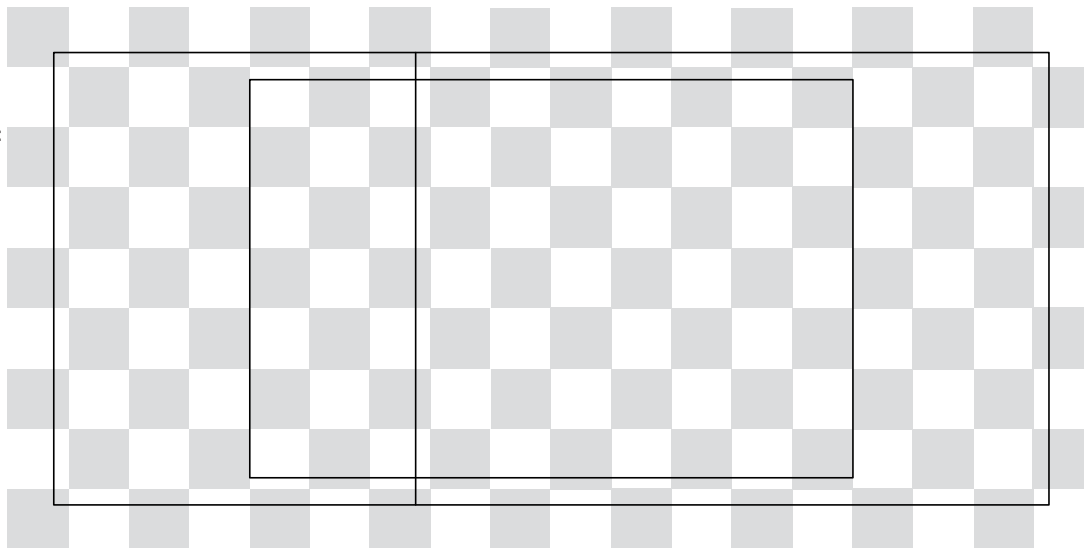


### Readings On:

10M Platform

7.5M Platform

5M Platform



College/Organization Name: \_\_\_\_\_

**Swimming and Water Polo  
Center Main Camera Vertical Light Level Readings:  
Complete only if televised levels apply.**

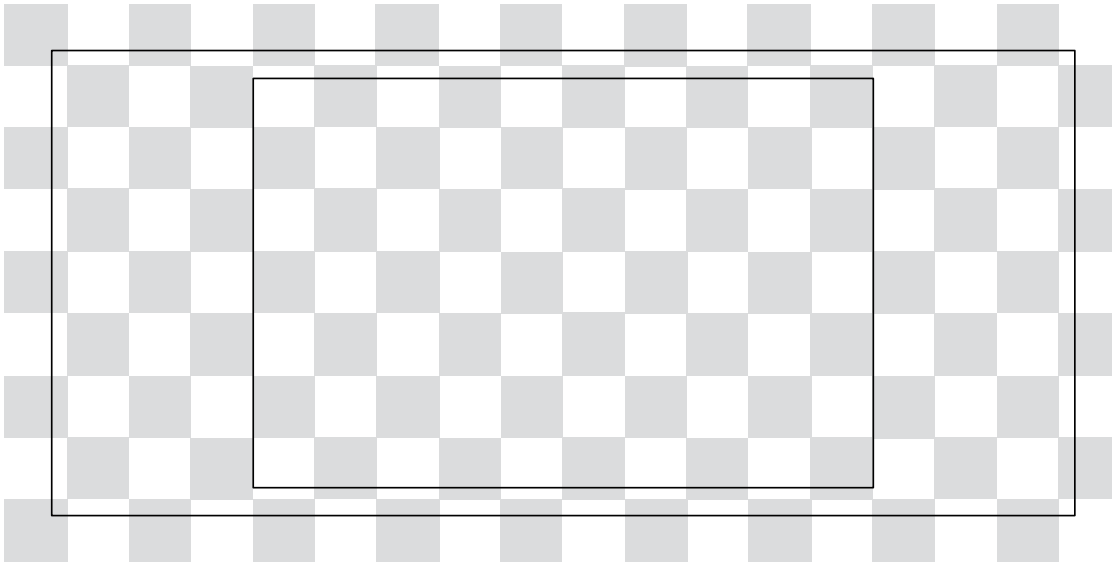
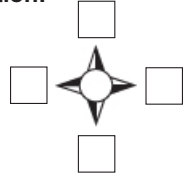
Readings are taken in the middle of each square with light meter held 36 inches above the ground, pointing towards center main camera.

Swimming and Water Polo Center Main Camera Vertical Light Level Results:
Average light levels: _____
Uniformity: _____



**Required:**  
Take picture standing at camera location, facing field of play to evaluate skip glare.

**Pool Orientation:**

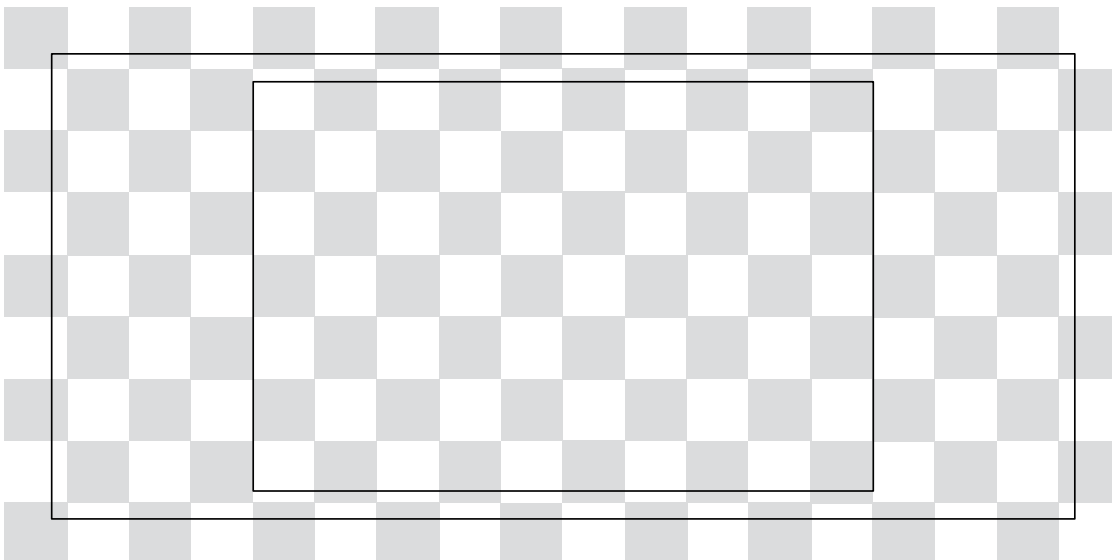
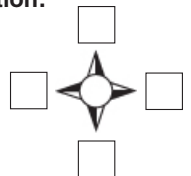


**Swimming and Water Polo  
End Camera Vertical Light Level Readings:  
Complete only if televised levels apply.**

Readings are taken in the middle of each square with light meter held 36 inches above the ground, pointing towards the end camera.

Swimming and Water Polo End Camera Vertical Light Level Results:
Average light levels: _____
Uniformity: _____

**Pool Orientation:**



College/Organization Name: \_\_\_\_\_

**Diving Center Main Camera Vertical Light Level Readings:**  
Complete only if televised levels apply.

Readings are taken in the middle of each square with light meter held 36 inches above the ground, pointing towards center main pool line camera.



**Required:**  
Take picture standing at camera location, facing field of play to evaluate skip glare.

**Readings On:**

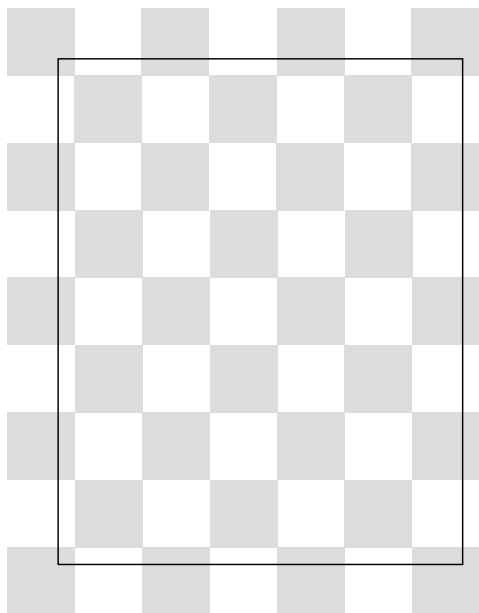
10M Platform



7.5M Platform

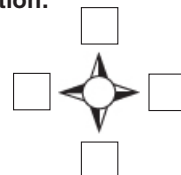


5M Platform



Diving Center Main Camera Vertical Light Level Results:
Average light levels: _____
Uniformity: _____

**Pool Orientation:**



**Diving End Camera Vertical Light Level Readings:**  
Complete only if televised levels apply.

Readings are taken in the middle of each square with light meter held 36 inches above the ground, pointing towards the end camera.

**Readings On:**

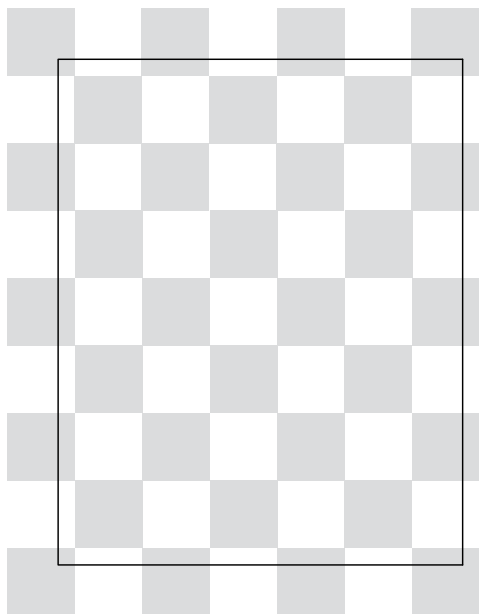
10M Platform



7.5M Platform



5M Platform



Diving End Camera Vertical Light Level Results:
Average light levels: _____
Uniformity: _____

**Pool Orientation:**

