



ATTACHMENT 3

Lighting Performance Checklist: PBA Grid

Inspection must be completed by a qualified lighting technician using a light meter calibrated within the last 12 months. For any additional information or questions contact: Musco Lighting, Phone: 800/825-6020.

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

Date Readings Taken: **01/13/2025**

Technician(s): **Daniel Lohman, Sean Grinstead**

Project/Facility Name: **Visalia Rawhids Recreation Park**

Project Number: **178737**

Field Identification: **Baseball**

Conditions: **Clear, cool**

Instructions – Horizontal Footcandle Readings: Complete for all surveys.

Grid field 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 field size and layout.

To obtain average footcandle value:

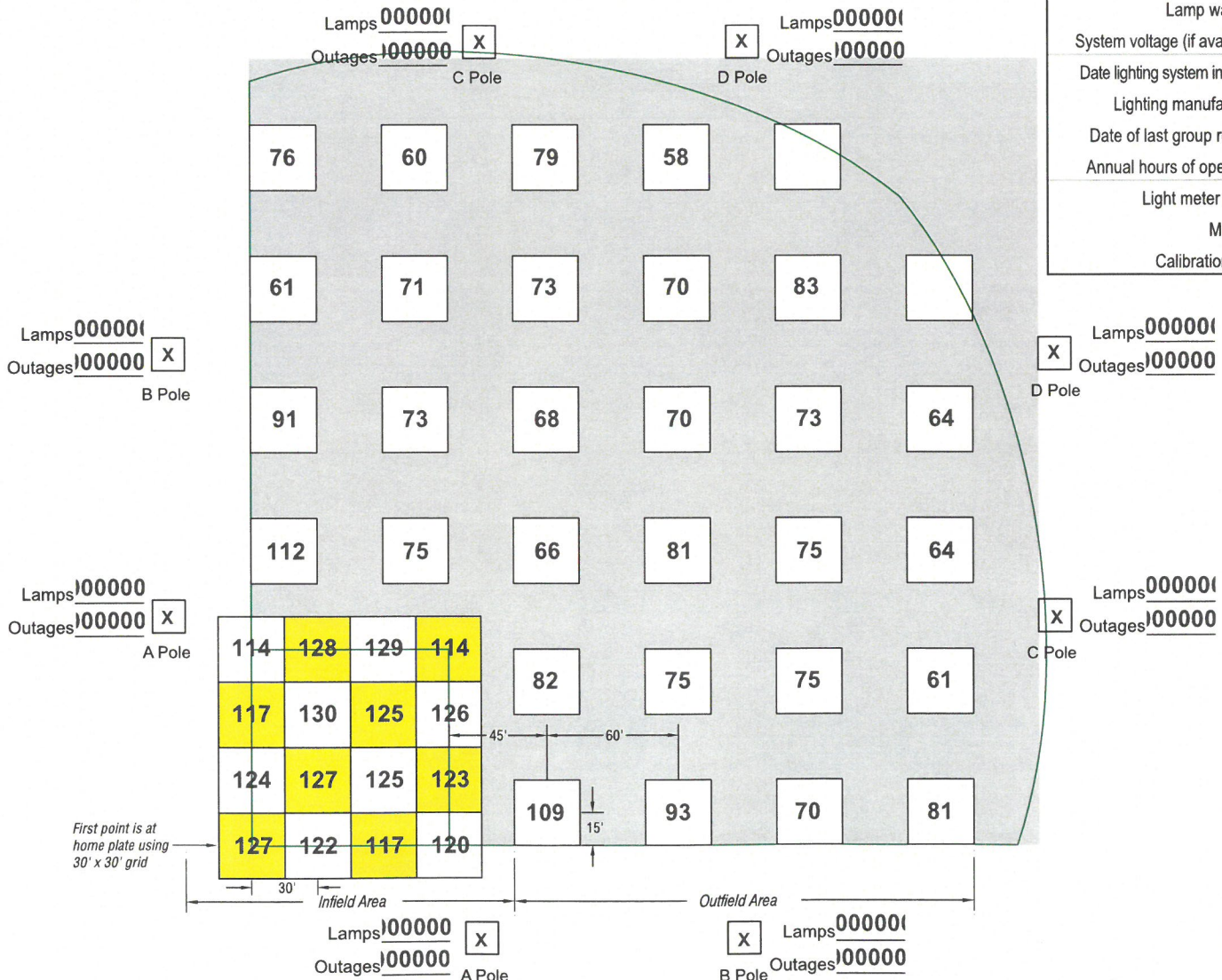
1. Record light level readings within each square
2. Total all readings, divide by number of grid readings taken

To obtain uniformity ratio:

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

Grid guidelines:

1. Infield Grid – 30' x 30' with 16 total points, beginning at home plate
2. Outfield Grid – 60' x 60', total points depend on outfield size/shape
3. No Outfield Grid is to be taken that lands on a warning track



Horizontal Footcandle and Survey Results:	
Infield average footcandles:	123
Infield uniformity:	1.14 : 1
Outfield average footcandles:	71
Outfield uniformity:	1.14 : 1
(If outdoor) Quantity of poles:	8
Pole heights A:	110, 101
Pole heights B:	80
Pole heights C:	90
Pole heights D:	90
Total # lamps:	100
Lamp outages:	0
Lamp type:	LED
Lamp wattage:	1500
System voltage (if available):	480
Date lighting system installed:	12/2024
Lighting manufacturer:	MUSCO
Date of last group relamp:	N/A
Annual hours of operation:	N/A
Light meter brand:	Gosco
Model #:	olux 50
Calibration date:	06/21/24