



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:

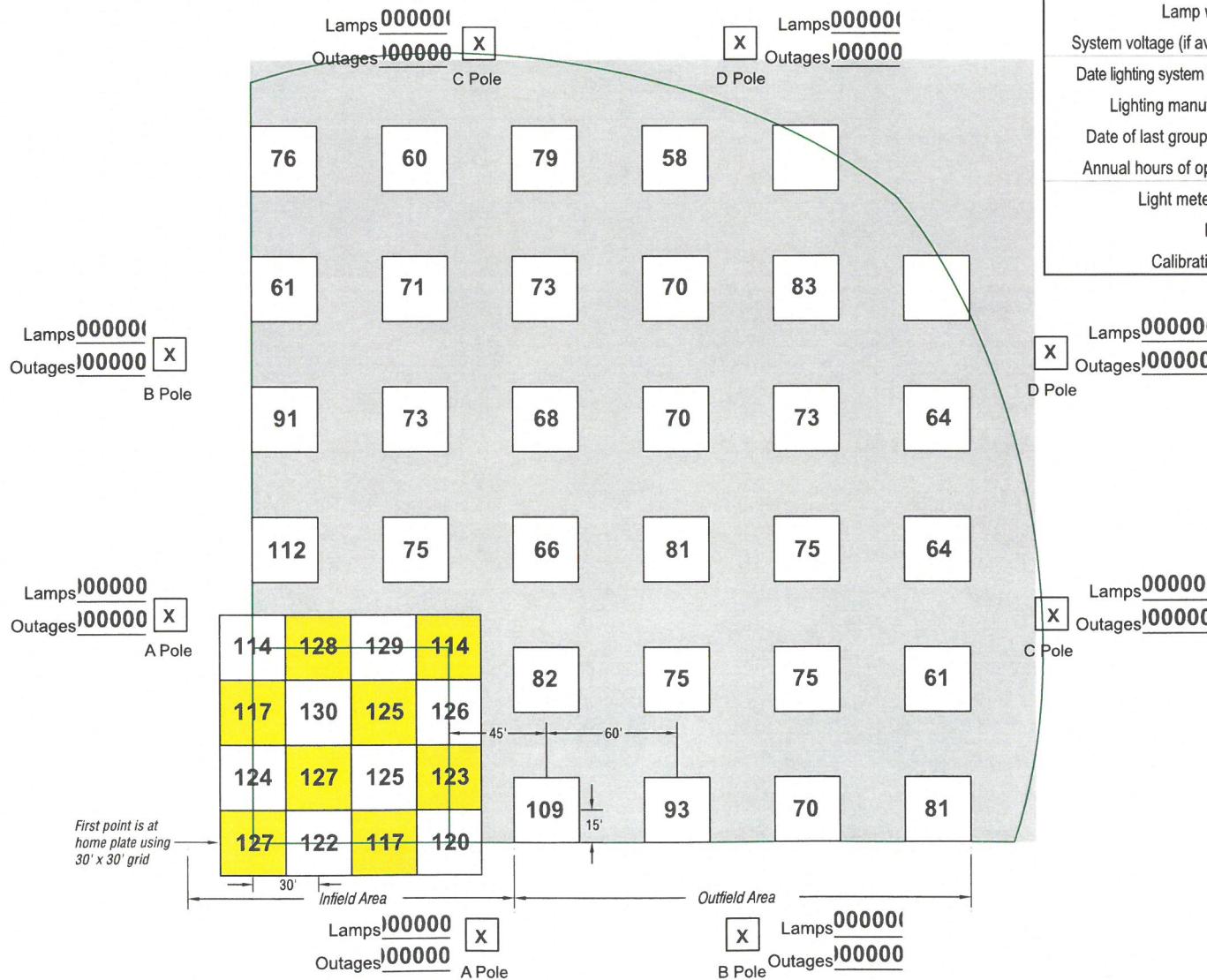
1. Record light level readings within each square
2. Total all readings, divide by number of grid readings taken

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

Field Orientation:
(Please indicate field orientation in cells around diagram below.)

