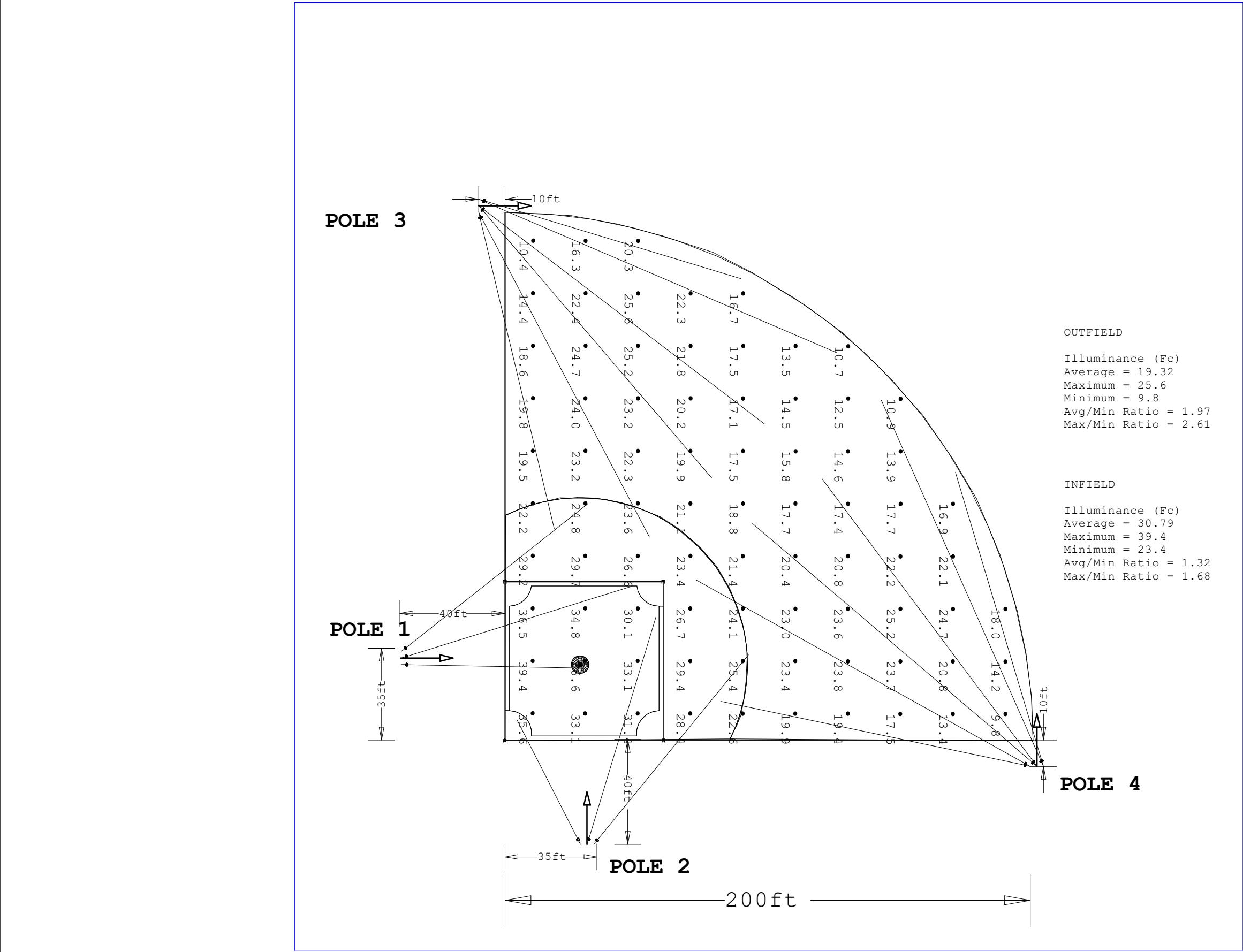




Scale: 1 inch= 39.13 Ft.

LIGHTING DETAILS:

Luminaire Schedule						
Label	Symbol	Qty	LLF	Description	Luminaire Lumens	Luminaire Watts
SP2		12	1.000	StadiumPro IV 500W 40D	77064	493.64
SP1		6	1.000	StadiumPro IV 500W 30D	76439	493.6

Calculation Summary						
Label	CalcType	Units	Avg	Max	Min	Max/Min
CalcPts_1	Illuminance	Fc	21.94	39.4	9.8	4.02
INFIELD	Illuminance	Fc	30.79	39.4	23.4	1.68
OUTFIELD	Illuminance	Fc	19.32	25.6	9.8	2.61

Note on this Design:
This report makes no representations in regard to Lighting Design or Specification, rather it attempts to accurately reflect the photometric results of a design,as approved by others.

This analysis is a mathematical model and can be only as accurate as is permitted by the third-party software and the IES standards used. All digital CAD data appear to be accurate, however, this apparent accuracy is an artifact of the techniques used to generate it and is in no way intended to imply accuracy in the real world.

There are many factors that will impact the actual performance of Lighting in the constructed space, including: the accuracy of the original source (.ies) files supplied by the manufacturer, input voltage ballast variances, actual finish values in the constructed environment, manufacturing variations in both the source (lamp) and the luminaire, final luminaire placement, obstructions, and installation quality. Further, field measurement itself is subject to errors arising from measuring methods and/or technology selected, and the knowledge/ability of the measuring party. While the creator of this lighting study makes every effort to ensure accuracy, they cannot be held liable for any errors. The recipient of this lighting study understands and accepts that the likelihood of scaling error increases when no .DWG file or other properly-dimensioned drawing is provided to the designer.

Reflective Values have a significant effect on light levels, the end-user of the document should confirm these values before accepting the results of any photometric report. The managing contractor/ architect/engineer is responsible for ensuring compliance to all relevant lighting ordinance(s) and energy codes required on this project.

SPEC SHEET & RENDERS

500W STADIUMPRO IV SERIES | LED SPORT LIGHT

PRODUCT DESCRIPTION

The StadiumPro Series reaches new heights with the Series IV it boasts enhanced efficiency, delivering an impressive 160 Lumens per watt. Equipped with input-voltage up to 277VAC, it offers versatile mounting options and advanced optics. The Stadium Pro IV is UL Listed and DLC Premium S-1 Certification this upcoming fall, solidifying its status as the Pioneer of sports lighting!

DLC & ENEC STADIUMPRO-4-500W1PS2A1

PRODUCT FEATURES & COMMON USE APPLICATIONS

- UL, cUL, DLC S-1 premium certificate
- Voltage adjustable
- Input voltage 120-277 VAC
- No UV or IR in the beam
- Easy to install and operate
- Energy saving, long lifespan
- Instant start, NO flickering, NO humming
- Green and eco-friendly without mercury
- Output constant current mode can be adjusted through output cable with 0-10V

- Gymnasium
- Square plaza
- Shopping, Airport, wharf
- High trust area (airport lighting, etc.)

PRODUCT DIMENSIONS

500W STADIUMPRO IV SERIES | LED SPORT LIGHT

PRODUCT TECHNICAL SPECIFICATIONS

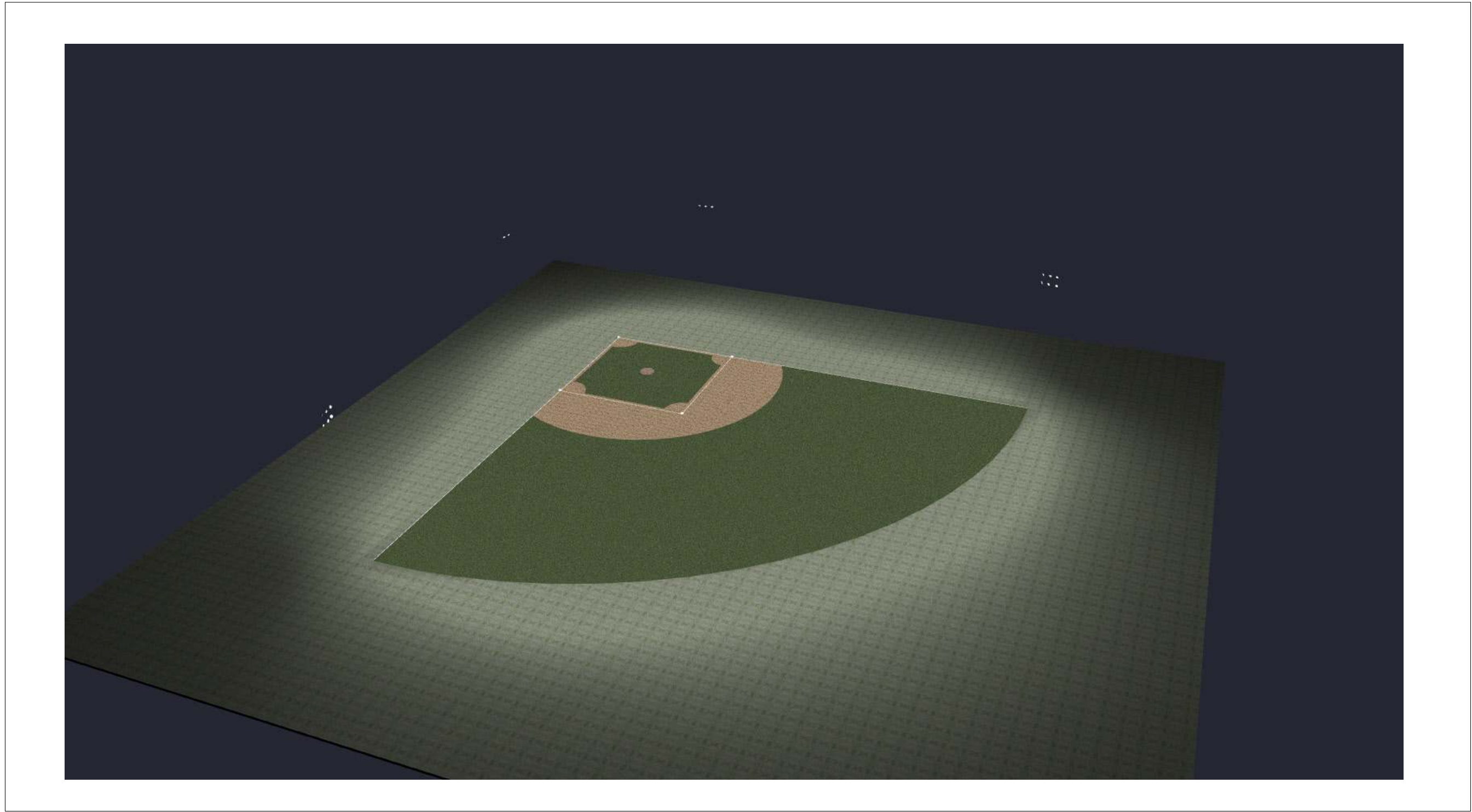
OPTICAL	Input Power (Tolerance: ±10%)	500W (Voltage Adjustable Range 20%~100%)
	Color Temperature	4000K
	Lumen (Tolerance: ±10%)	80000 LM
	Efficiency (Tolerance: ±10%)	160 LM/W
ELECTRONIC	Efficiency (Tolerance: ±10%)	160 LM/W
	Color Consistency	±3
	CRI	≥90
	Color Consistency	±3
	Beam Angle (30°/35°) (Tolerance: ±10%)	30°/35°
	Distribution Pattern	Beam Angle (30°/35°) (Tolerance: ±10%)
	Input Voltage and Frequency	120-277 VAC, 50/60Hz
	PF (Tolerance: ±5%)	≥0.99
	THD (Tolerance: ±5%)	≤10%
	Factor Request	≥95%
MATERIALS	Driver Brand	Philips/Lumileds
	Driver Model	LM3500
	Driver Surge protection	Surge Protection
	Dimming	0-10V Dimming standard
	Sensor Type	Human Sensor, PIR Sensor, Radar Sensor
	Optional Accessory	Remote Control, Photocell, Sensor Receiver, Short Cap
	LED Brand	Philips/Lumileds
	LED Type	COB
	LED Qty	504 PCS
	Housing	Aluminum
OTHERS	Operating Temperature	-40°C to 45°C
	Storage Temperature	-40°C to 85°C
	Operating Humidity	20%~90% RH
	Storage Humidity	20%~90% RH

PART NUMBER GUIDE

Model	Wattage	Driver	LED'S	Lens	Color Temp
RGL-STADIUMPRO-4	500	UpwaterTek	BridgeLux	PS2A1 30°	3000K

Image File : RGL-STADIUMPRO-4-500WT1PS2A1_002Image File : RGL-STADIUMPRO-4-500WT1PS3A1_002

TYPE SP SP1 30 DEGREE SP2 40 DEGREE

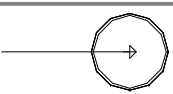


3D RENDERING

DESIGN NOTES:

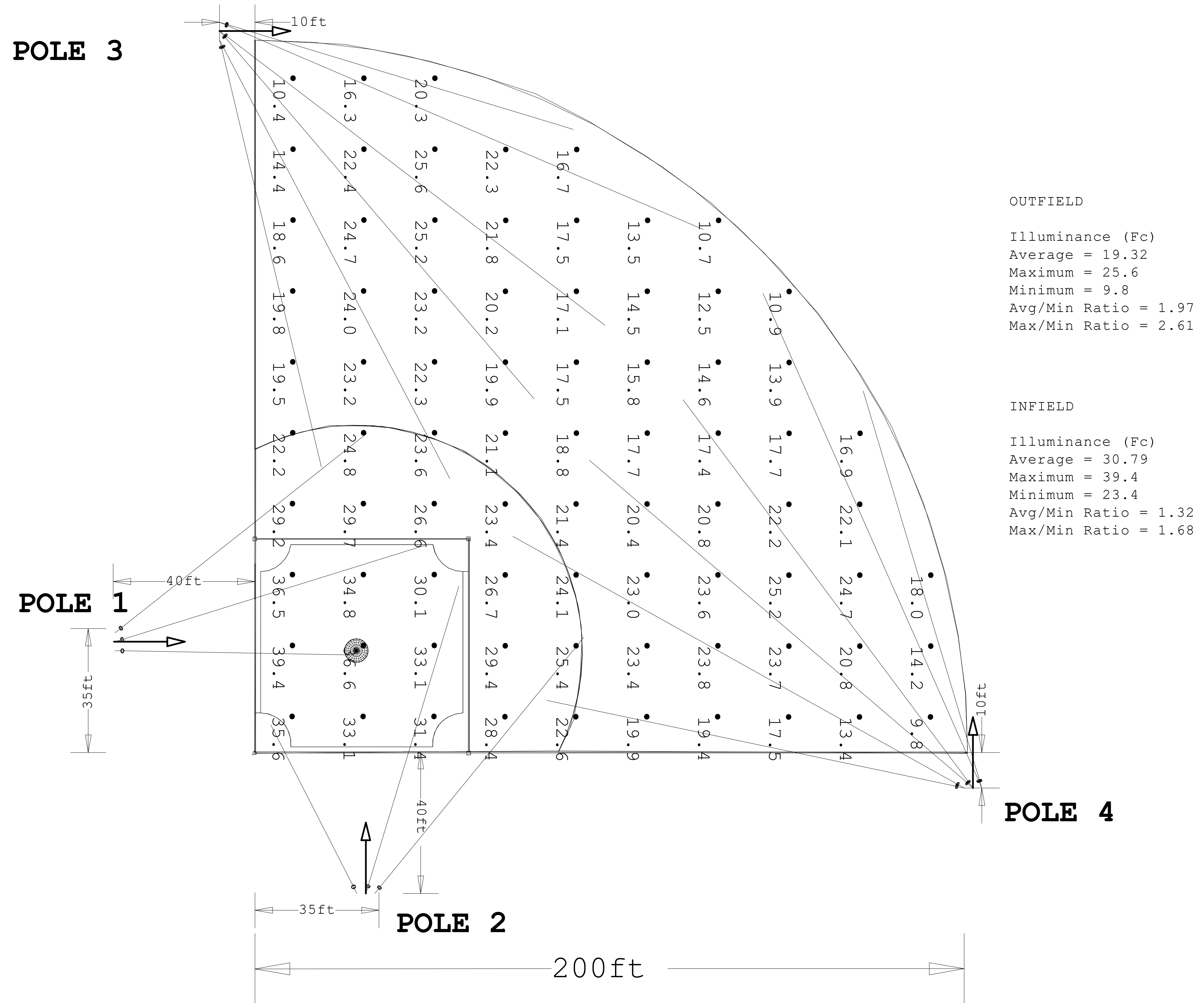
- 1.
- 2.
- 3.
- 4.

LIGHTING DETAILS:

Luminaire Schedule						
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INFIELD	Illuminance	Fc	30.79	39.4	23.4	1.68
OUTFIELD	Illuminance	Fc	19.32	25.6	9.8	2.61

Luminaire Location Summary						
		Insertion Point				
LumNo	Label	X	Y	Z	Orient	Tilt
1	SP1	-10	206	56	343.13	61.288
2	SP2	-10	206	60	336.801	67.729
3	SP2	-10	203.5	60	322.648	66.007
4	SP1	-10	201	60	297.711	66.468
7	SP1	205	-10	56	106.652	64.017
13	SP2	-39.5	28.75	60	358.939	47.514
14	SP2	-39.5	33.75	60	38.388	55.889
18	SP2	28.75	-39.75	60	117.045	40.548
19	SP2	33.75	-39.75	60	50.765	56.682
20	SP2	205	-10	60	113.877	68.272
21	SP2	202.5	-10	60	126.744	65.982
22	SP1	200	-10	60	150.84	67.34
25	SP2	-10	203.5	56	310.544	67.4
26	SP1	-10	201	56	283.419	65.323
27	SP1	200	-10	56	168.13	64.673
28	SP2	202.5	-10	56	139.486	68.253
31	SP2	-39.5	31.25	60	17.298	56.205
32	SP2	31.25	-39.75	60	73.165	55.904



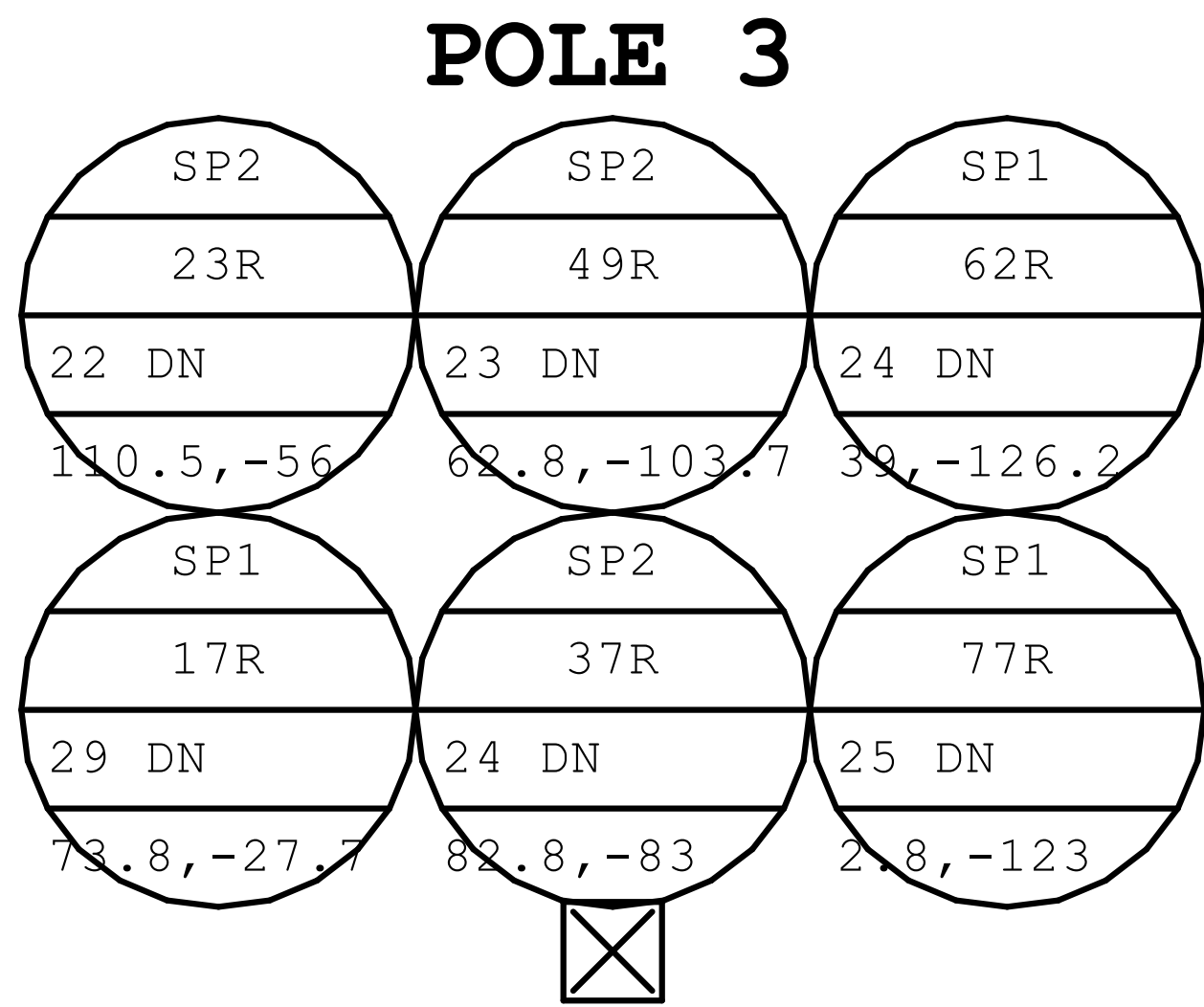


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Quantity = 6

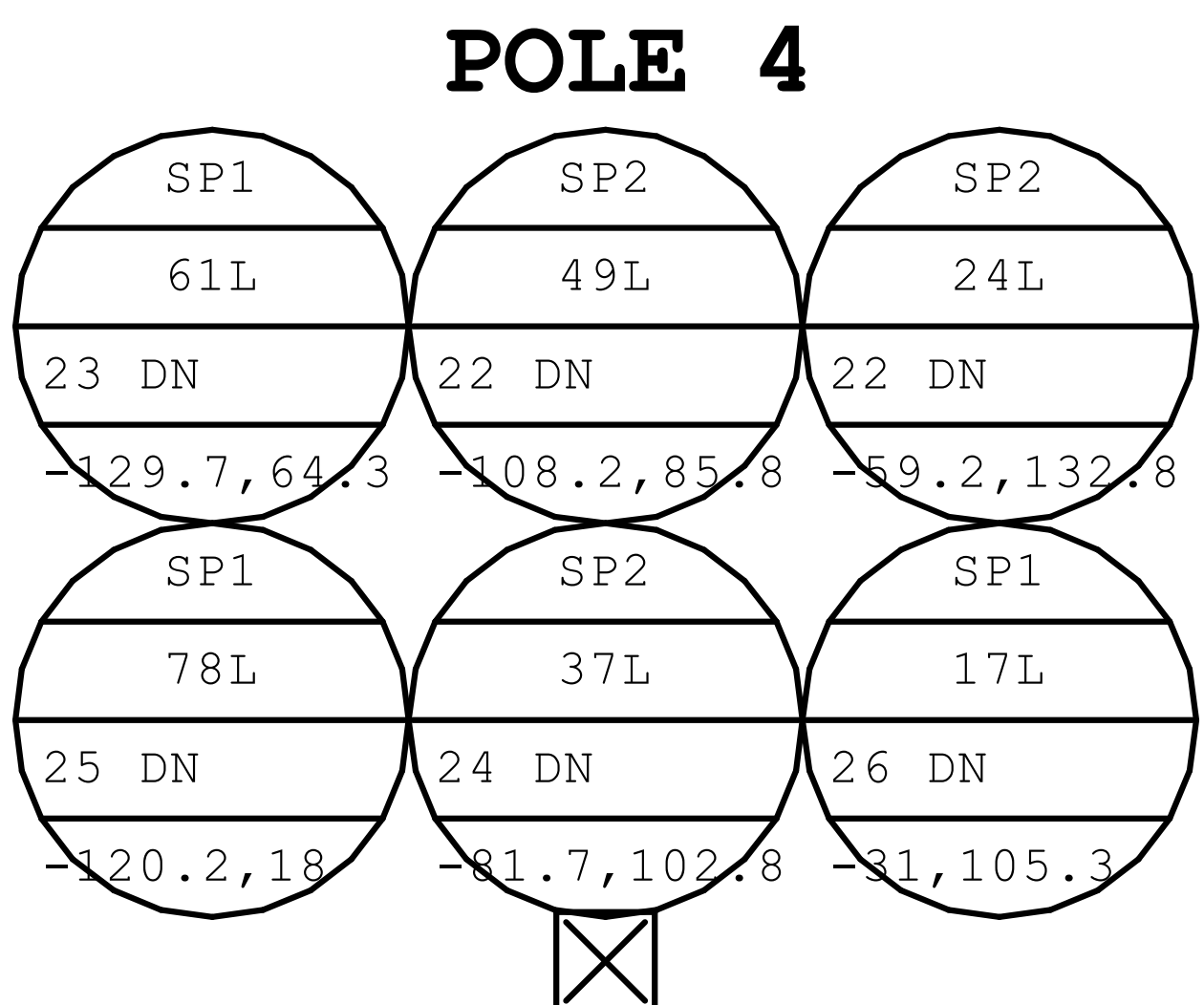


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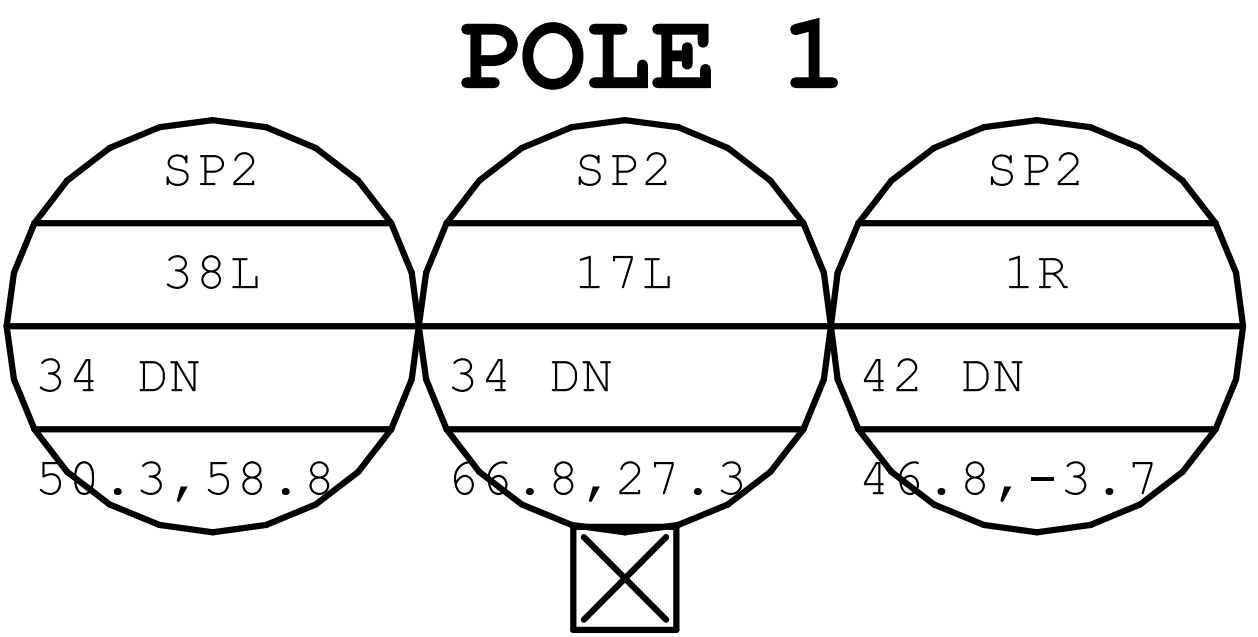


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Quantity = 3

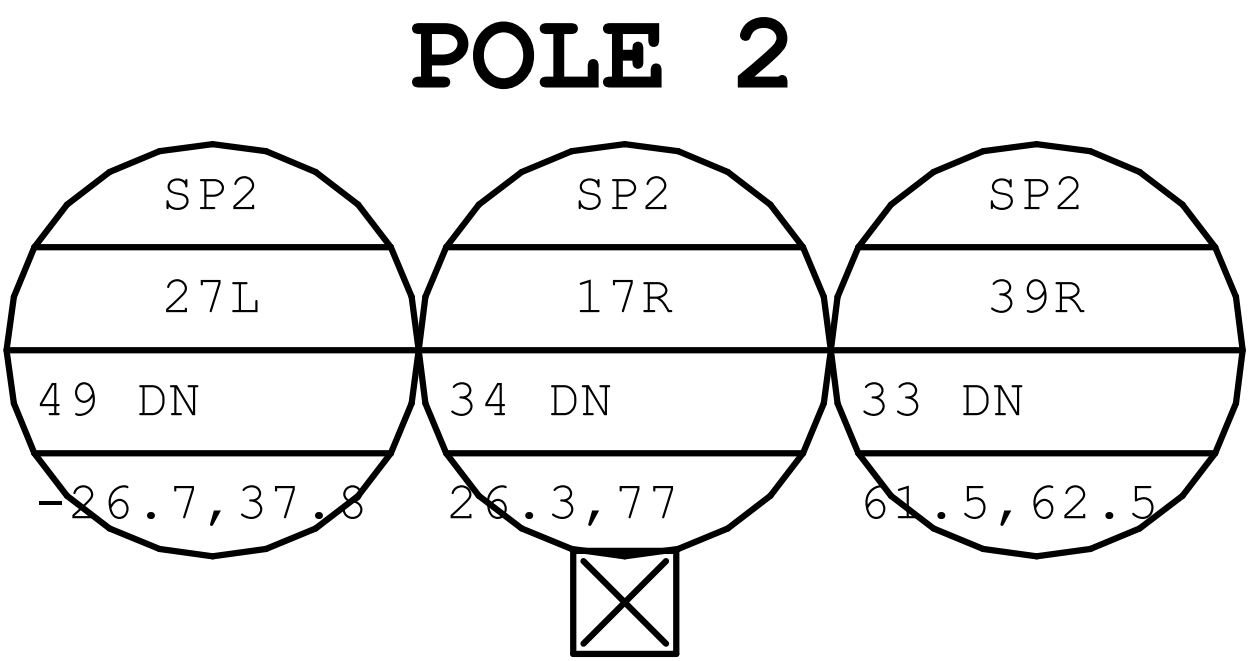
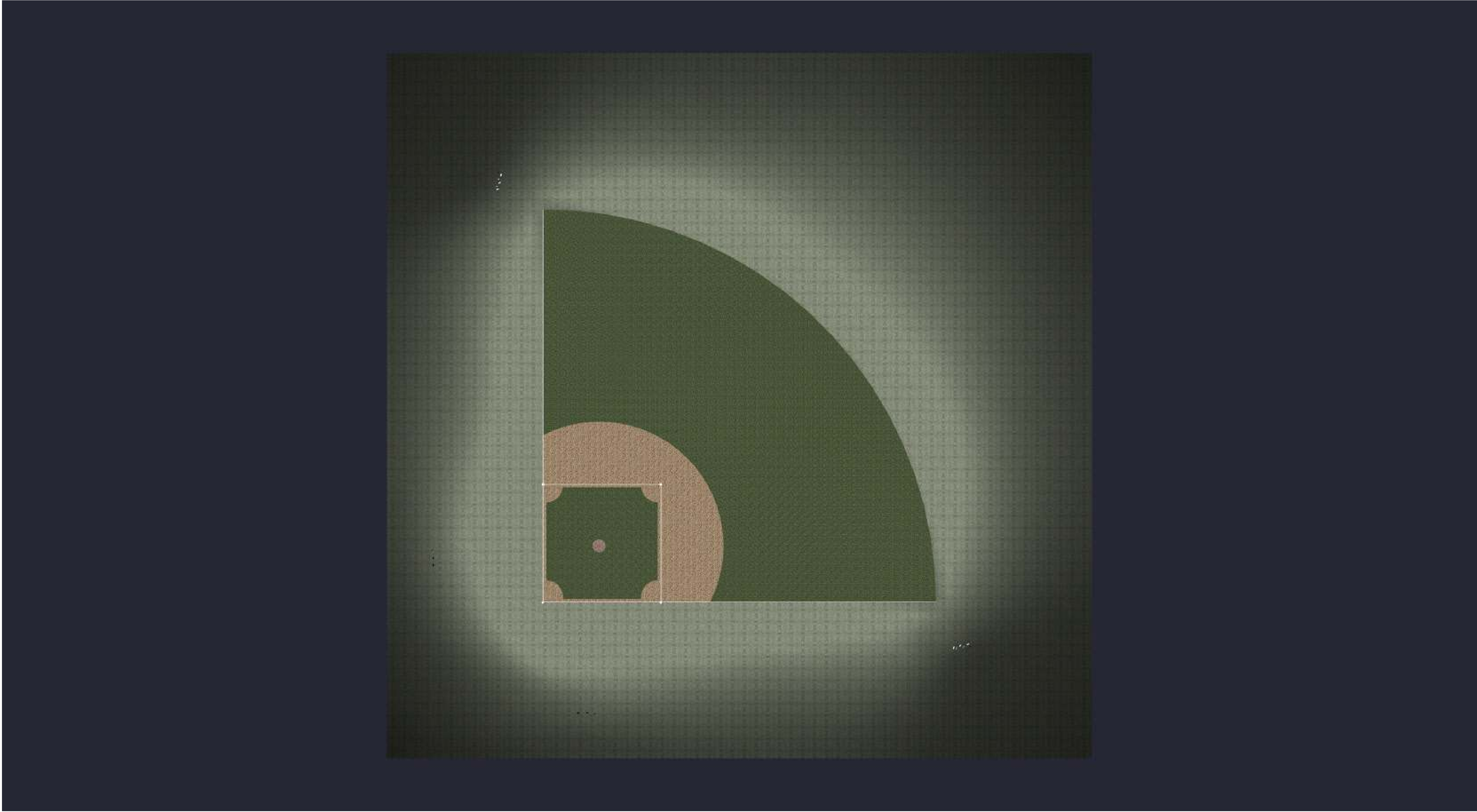


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Quantity = 3

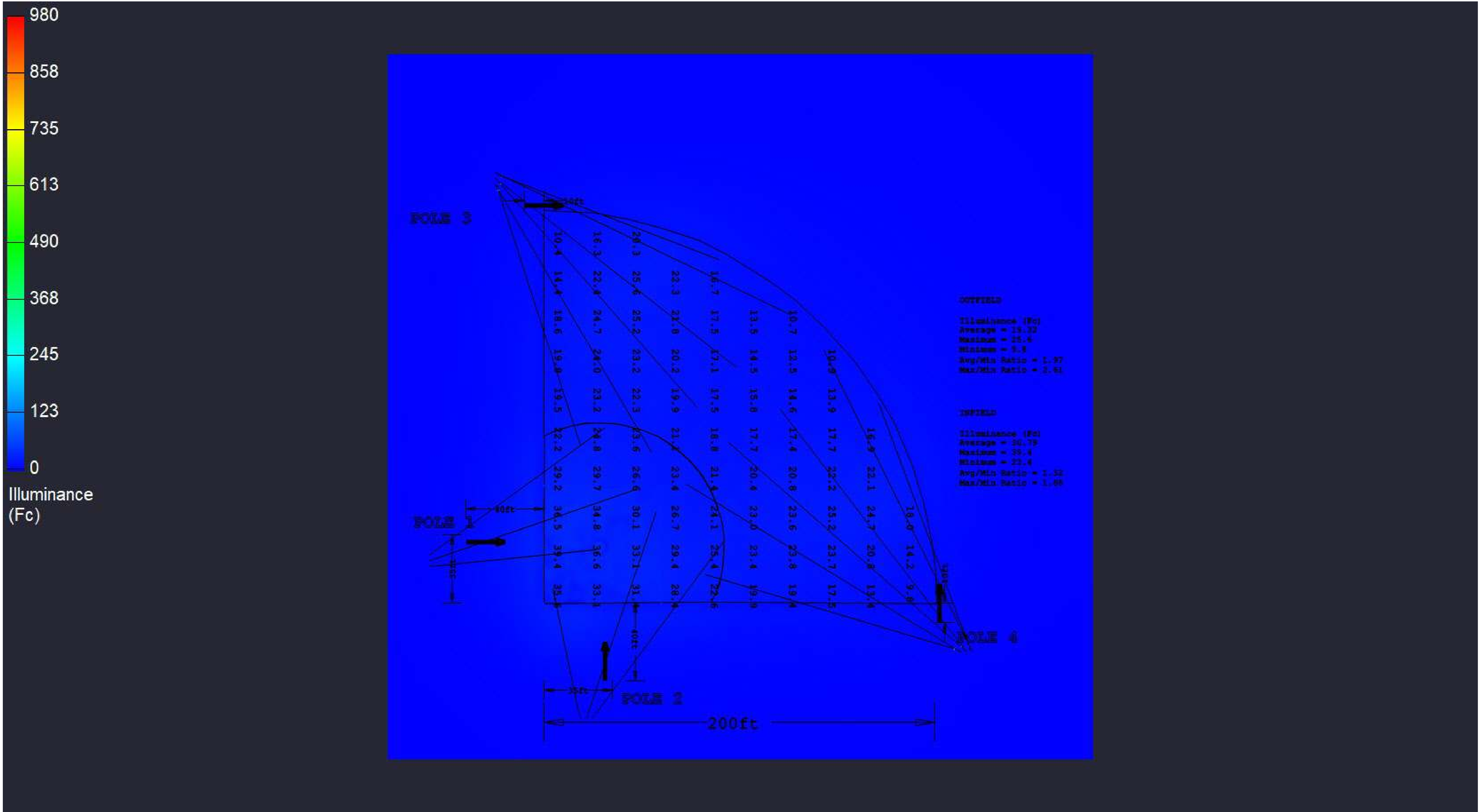


Date:9/12/2025

Drawn By:

Revision #:

200' BASELINE 500W 60' MH 30-20FTC



200' BASELINE 500W 60' MH 30-20FTC