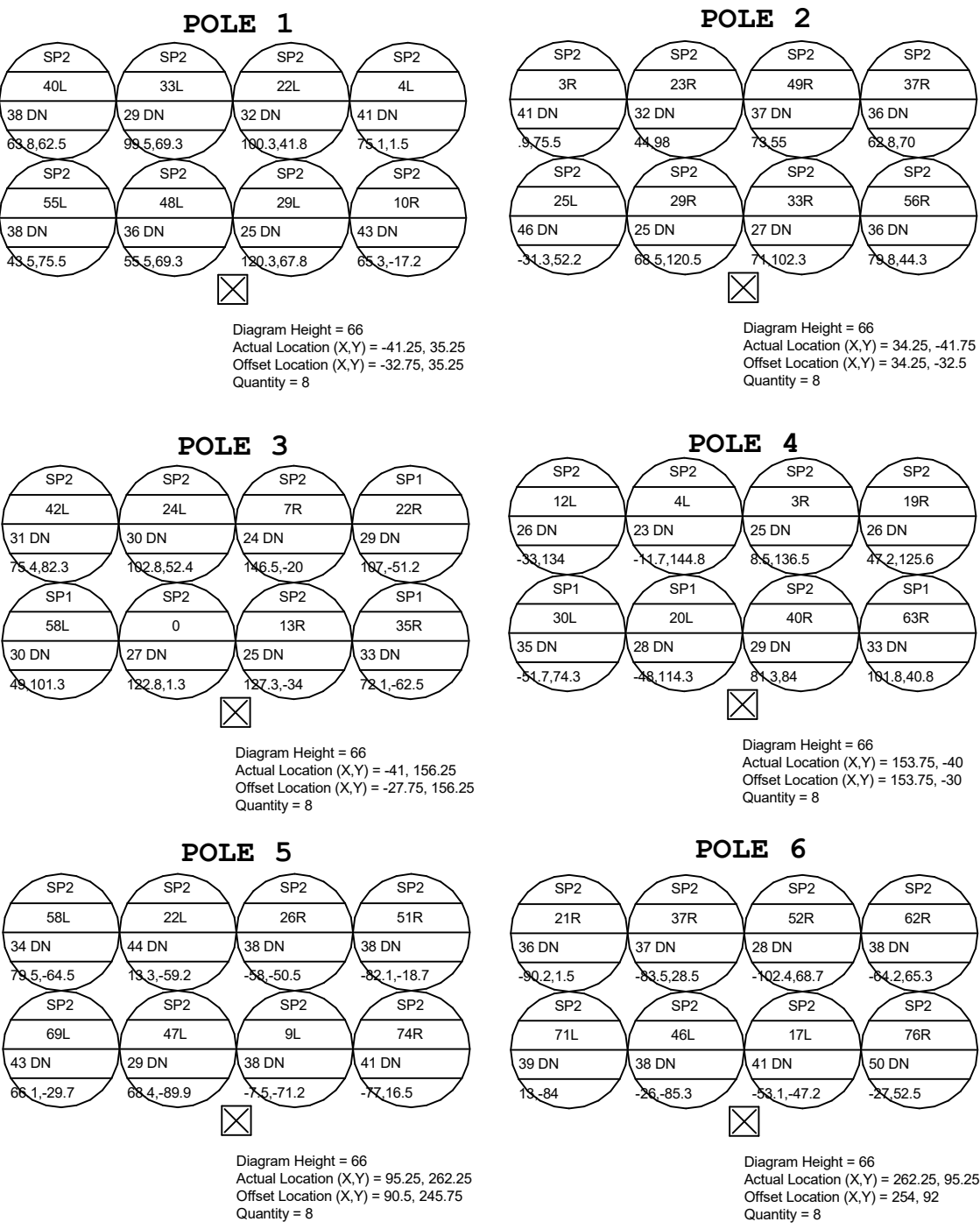
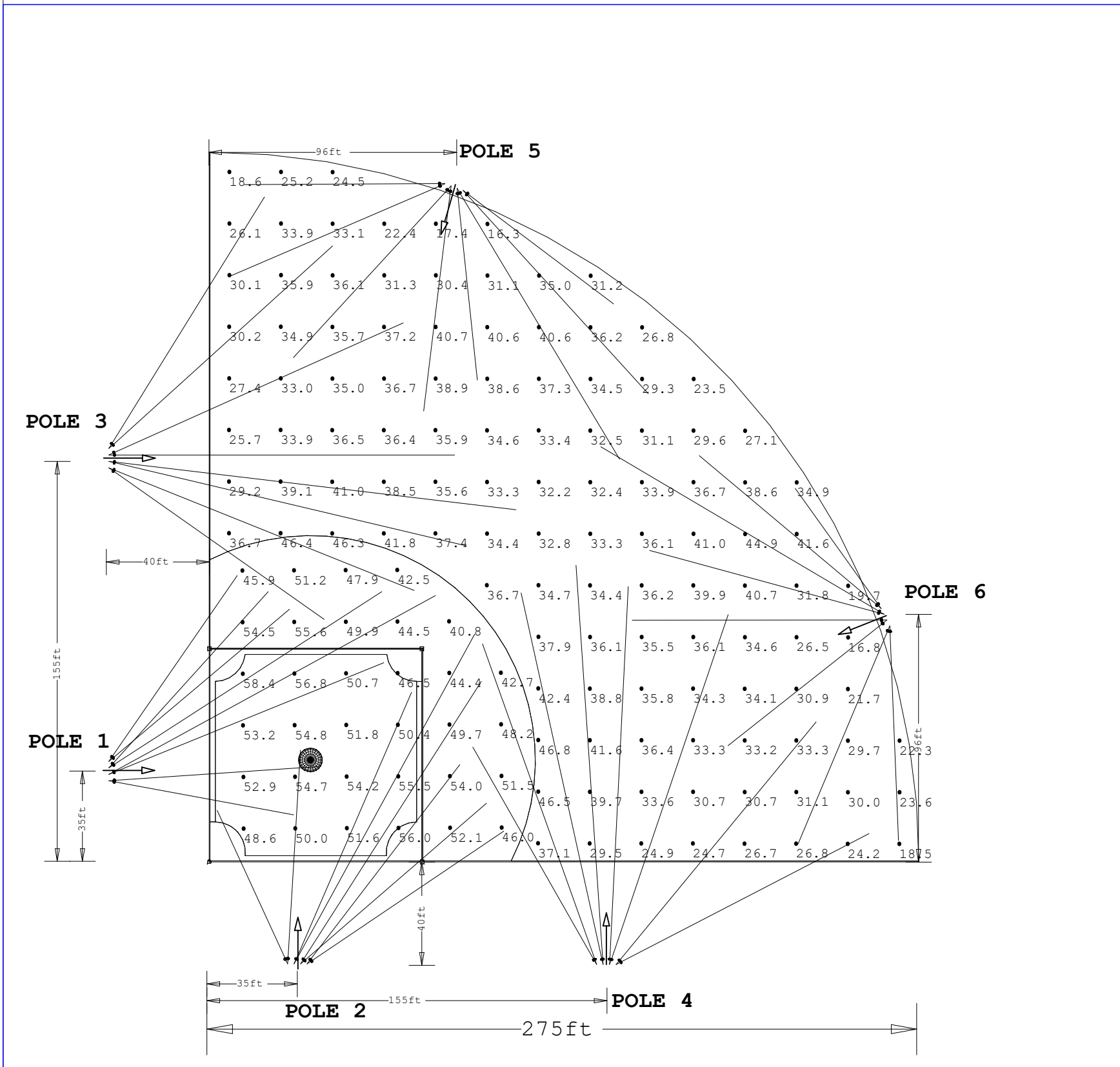




Scale: 1 inch= 48 Ft.

LIGHTING DETAILS:

Luminaire Schedule							
Label	Symbol	Qty	LLF	Description	Arrangement	Luminaire Lumens	Luminaire Watts
SP2		42	1.000	StadiumPro IV 500W 40D	Single	77064	493.64
SP1		6	1.000	StadiumPro IV 500W 30D	Single	76439	493.6

Calculation Summary						
Label	CalcType	Units	Avg	Max	Min	Max/Min
INFIELD	Illuminance	Fc	50.53	58.4	40.8	1.43
OUTFIELD	Illuminance	Fc	33.17	46.8	16.3	2.87

- DESIGN NOTES:
- 1.275' baseline
 - 50/30 target
 -
 -

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 150 Lumens per watt. Equipped with top-of-the-line aPowerTek Driver, it offers versatile mounting options and advanced optics. The Stadium Pro IV is UL Listed and DLC Premium 5.1 Certification, this upcoming fall, solidifying its status as the Pioneer of sports lighting!

DLC P, ROL STADIUMPRO-4-500W(71033A)

PRODUCT FEATURES & COMMON USE APPLICATIONS

- UL, cUL, DLC, 5.1 premium certificate.
- Widebeam 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 driver can be adjusted through output cable with 0-30V.
- Optimizable.
- Square photos.
- Shigant, Almost silent.
- High Heat and Corrosion 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, 4000K, 5000K, 5700K
	Lumen (Tolerance: ±10%)	76000 LM, 76000 LM, 76000 LM, 76000 LM
	Efficiency (Tolerance: ±5%)	152 LM/W, 152 LM/W, 151 LM/W, 151 LM/W
ELECTRONIC	CRI	>90
	Color Consistency	±3 Steps (w/ ±5 SDCM)
	Beam Angle	30°
	Beam Angle (50%) (Tolerance: ±15%)	150-277 VAC, 30°/30°
	Input Voltage and Frequency	120-277 VAC, 50/60Hz
	PF (Tolerance: ±5%)	>0.9
	THD (Tolerance: ±5%)	<20%
	Factor Power	>95%
	Driver Brand	aPowerTek Lighting
	Driver Model	PS24A1-30P, PS24A1-40P
MATERIALS	Driver Surge protection	UL94V-0, 1000V, 1000V
	Optical Accessory	Remote Handicap, Photometric Sensor, Handicap Short Cap
	LED Brand	Epistar, Philips, Osram
	LED Type	504 PCS
	LED Qty	504 PCS
	Housing	Black/White/Brush or Customized
	Housing Color	Black/White/Brush or Customized
	Material	Aluminum
	Operating Temperature	-40°C to 104°C
	Storage Temperature	-40°C to 104°C
WARRANTY	Operating Humidity	20%~90% RH
	Storage Humidity	20%~90% RH

PART NUMBER GUIDE

Model	Wattage	Driver	LED's	Lens	Color Temp
ROL-STADIUMPRO-4	500	UpowerTek	504PCS	PS24A1-30P	30CT
	1400			PS24A1-40P	50K

TYPE SP1

500W STADIUMPRO IV SERIES | LED SPORT LIGHT

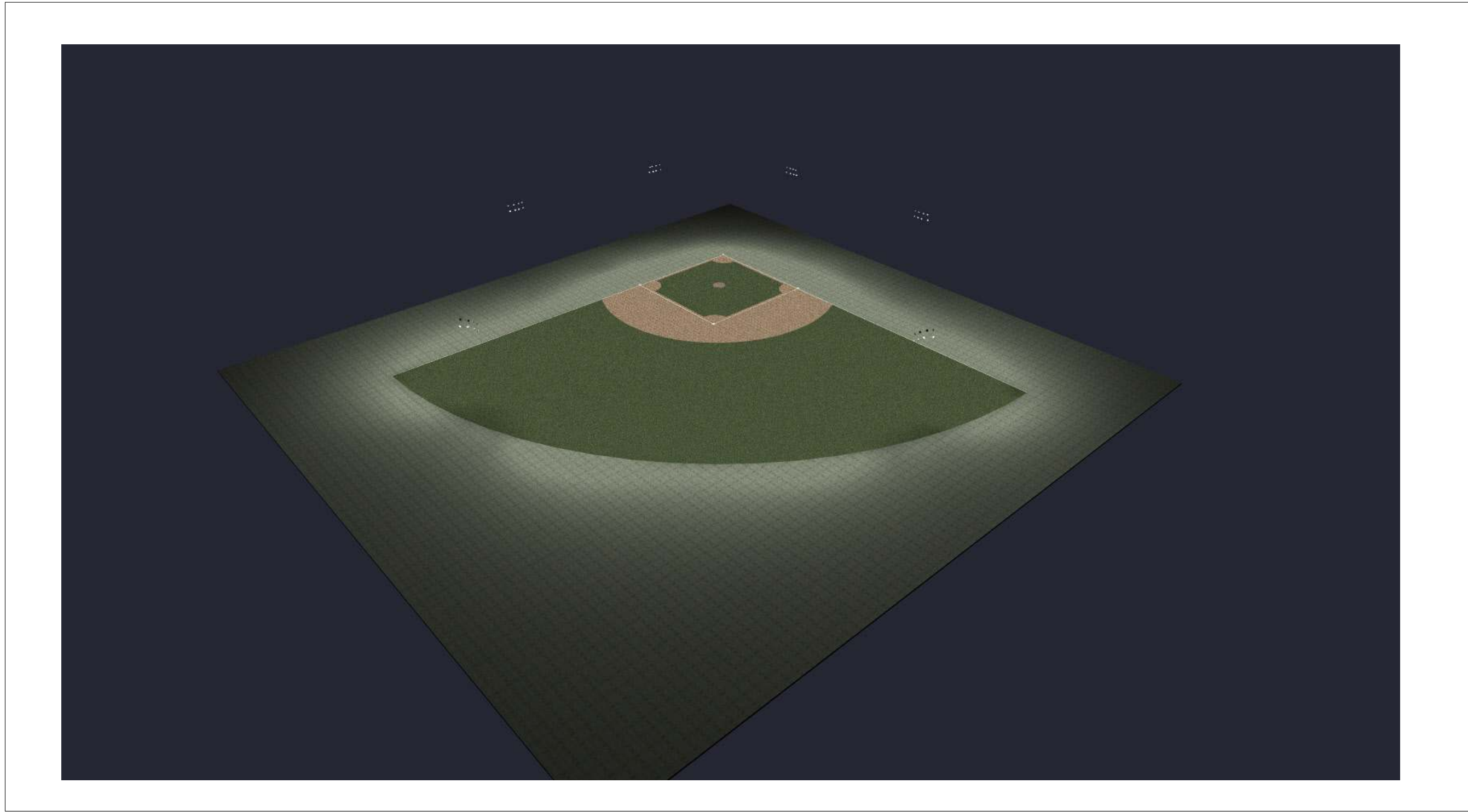
PRODUCT TECHNICAL SPECIFICATIONS

OPTICAL	Input Power (Tolerance: ±10%)	500W (Voltage Adjustable Range 20% 100%)
	Color Temperature	4000K, 4000K, 5000K, 5700K
	Lumen (Tolerance: ±10%)	76000 LM, 76000 LM, 76000 LM, 76000 LM
	Efficiency (Tolerance: ±5%)	152 LM/W, 152 LM/W, 151 LM/W, 151 LM/W
ELECTRONIC	CRI	>90
	Color Consistency	±3 Steps (w/ ±5 SDCM)
	Beam Angle	30°
	Beam Angle (50%) (Tolerance: ±15%)	150-277 VAC, 30°/30°
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	Factor Power	>95%
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	Driver Model	PS24A1-30P, PS24A1-40P
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	Operating Temperature	-40°C to 104°C
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PART NUMBER GUIDE

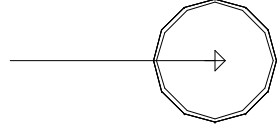
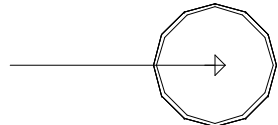
Model	Wattage	Driver	LED's	Lens	Color Temp
ROL-STADIUMPRO-4	500	UpowerTek	504PCS	PS24A1-30P	30CT
	1400			PS24A1-40P	50K

TYPE SP2



PLAN VIEW

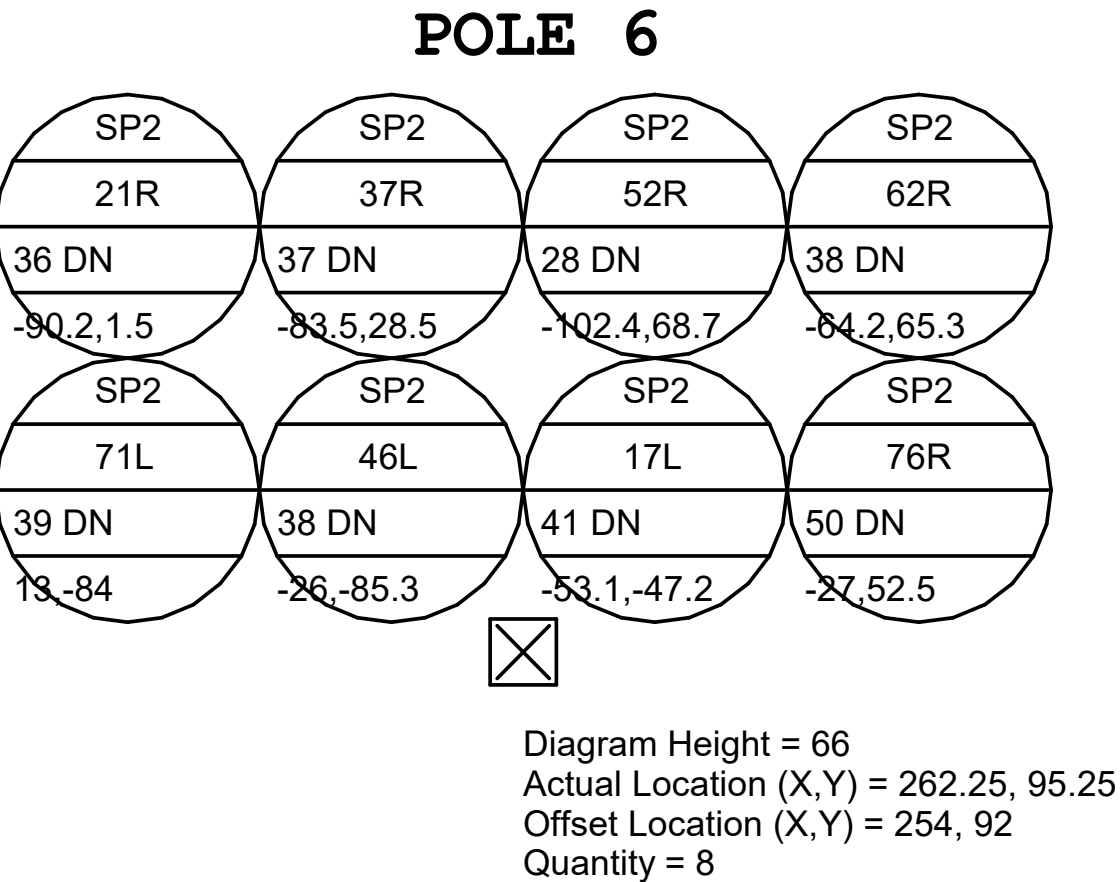
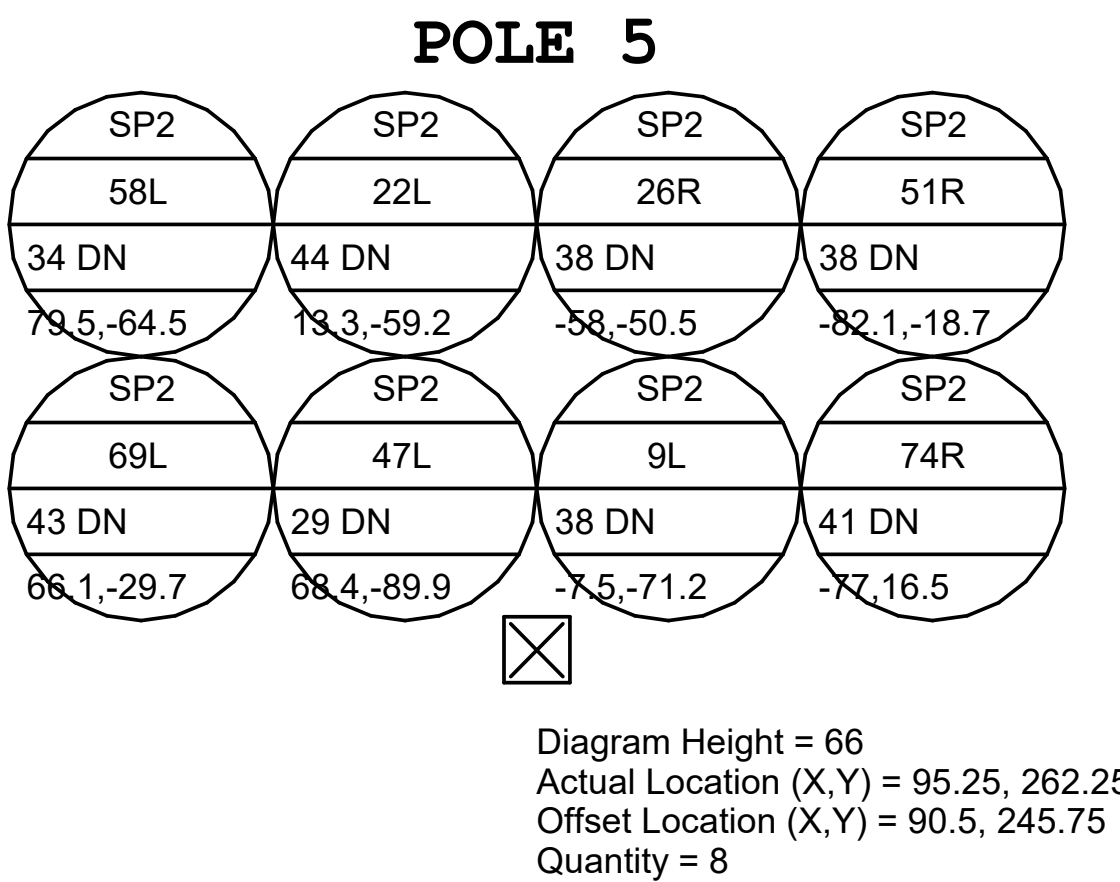
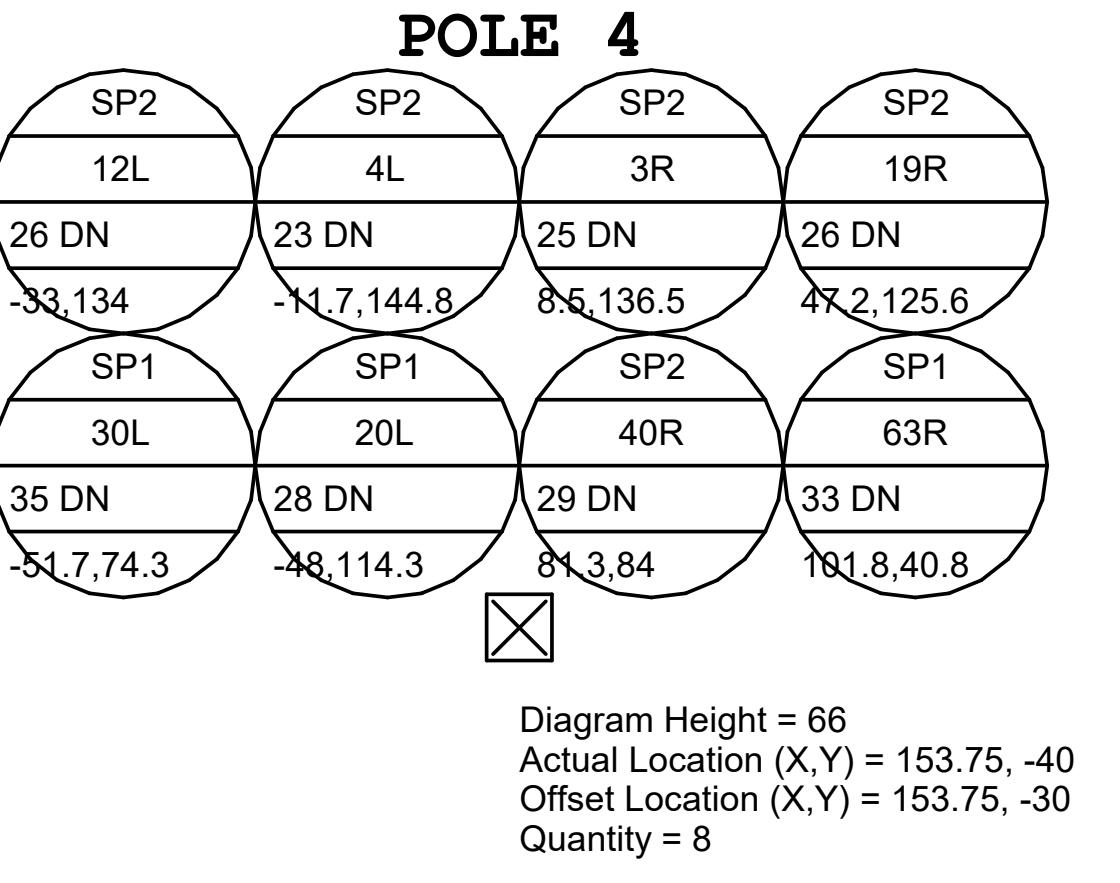
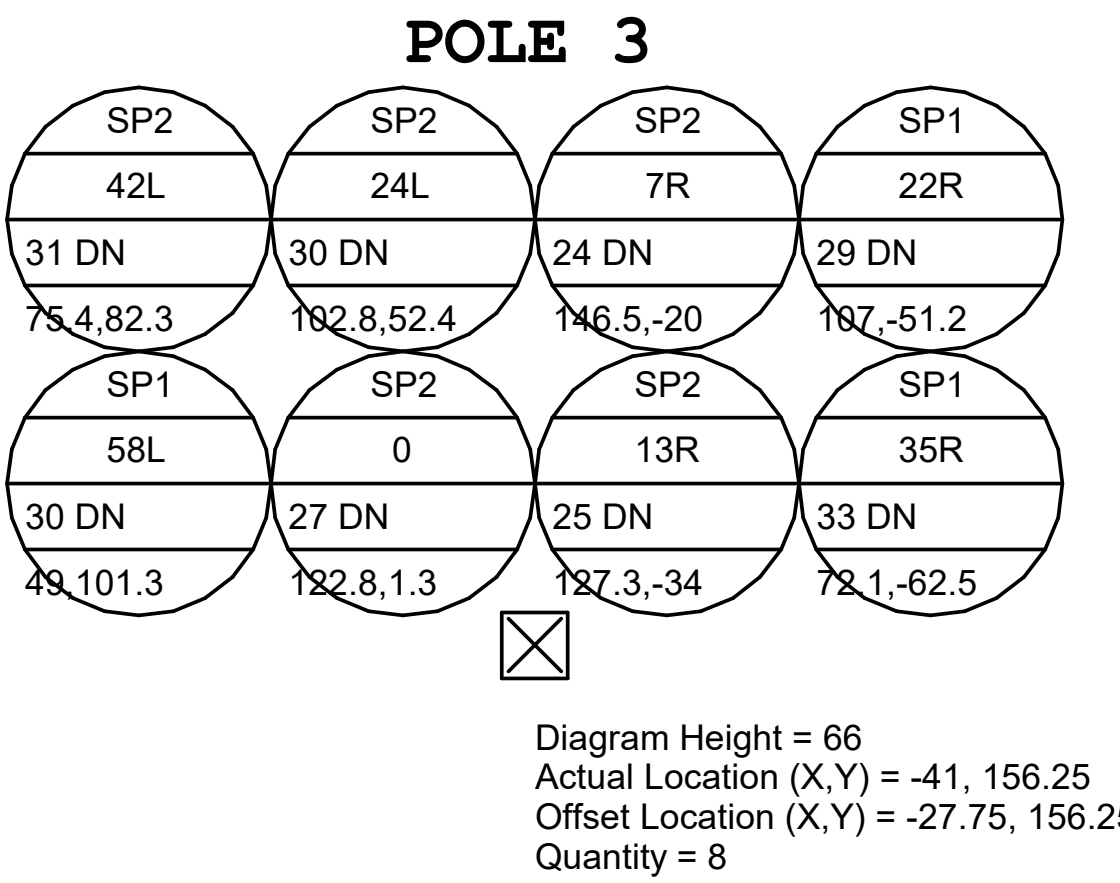
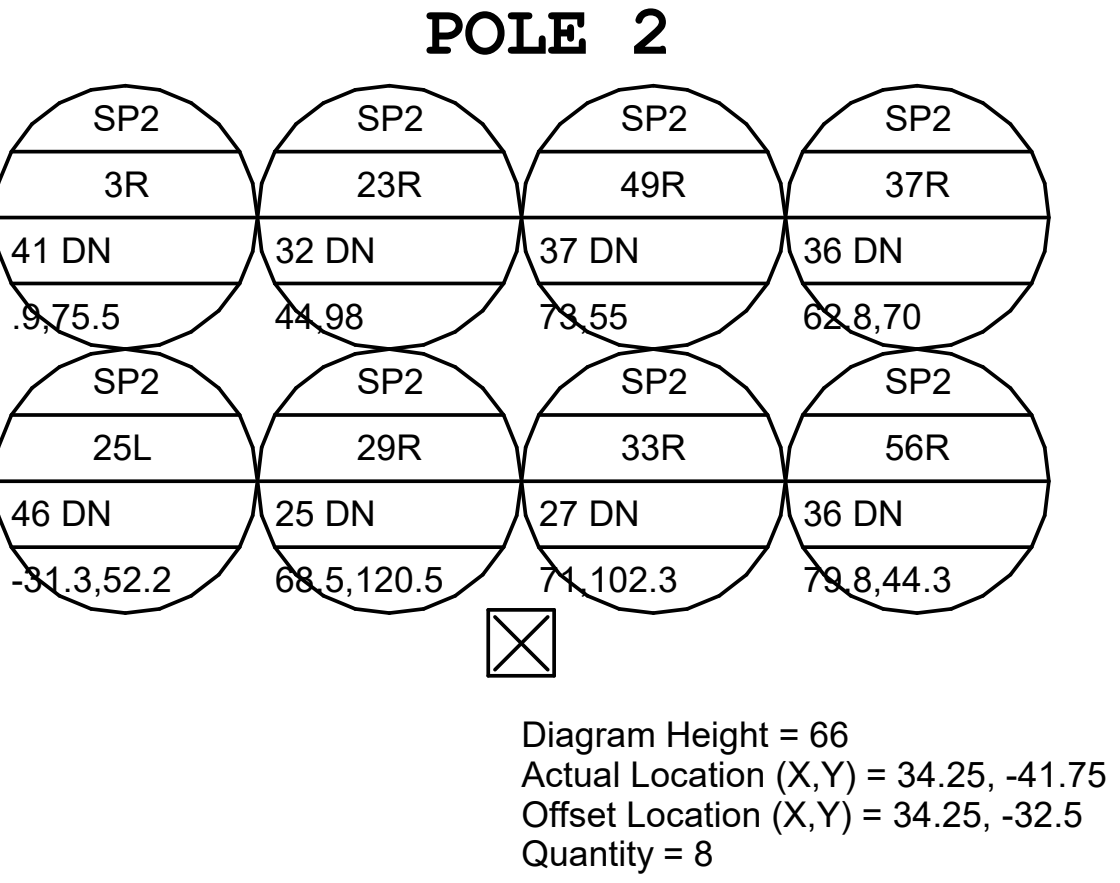
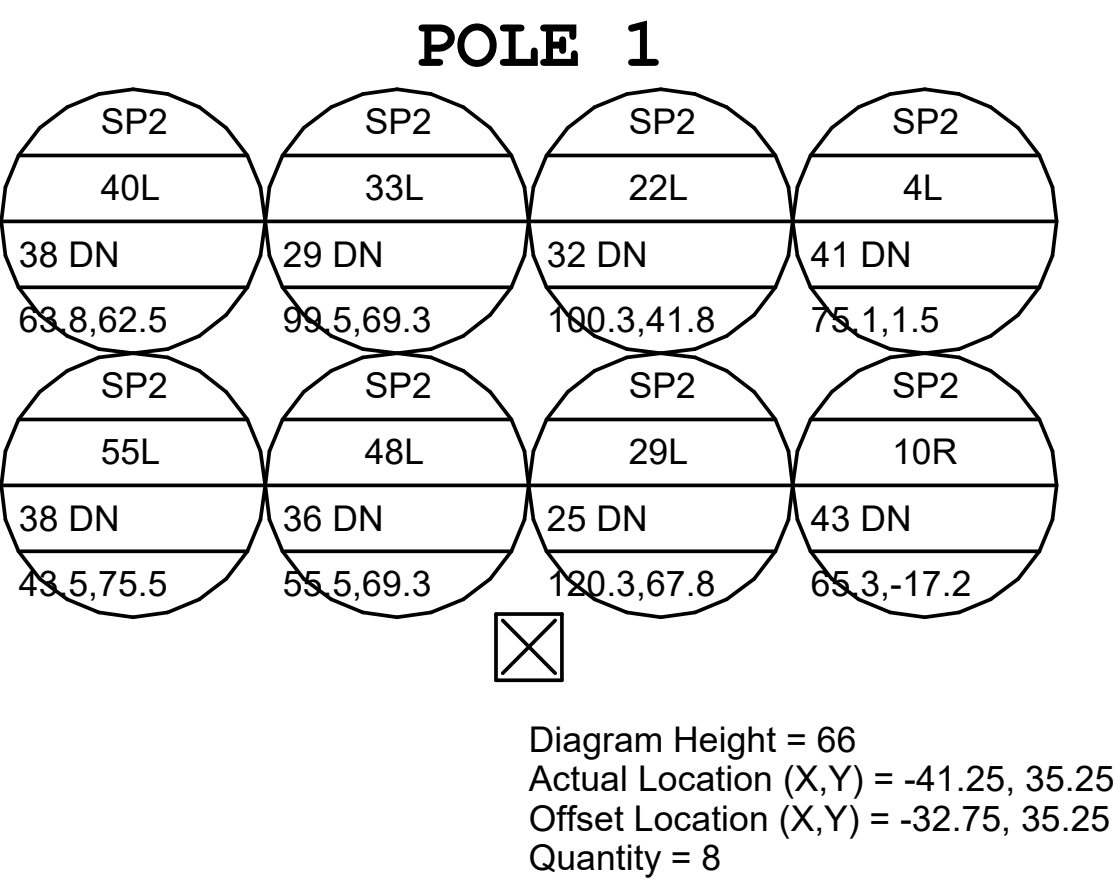
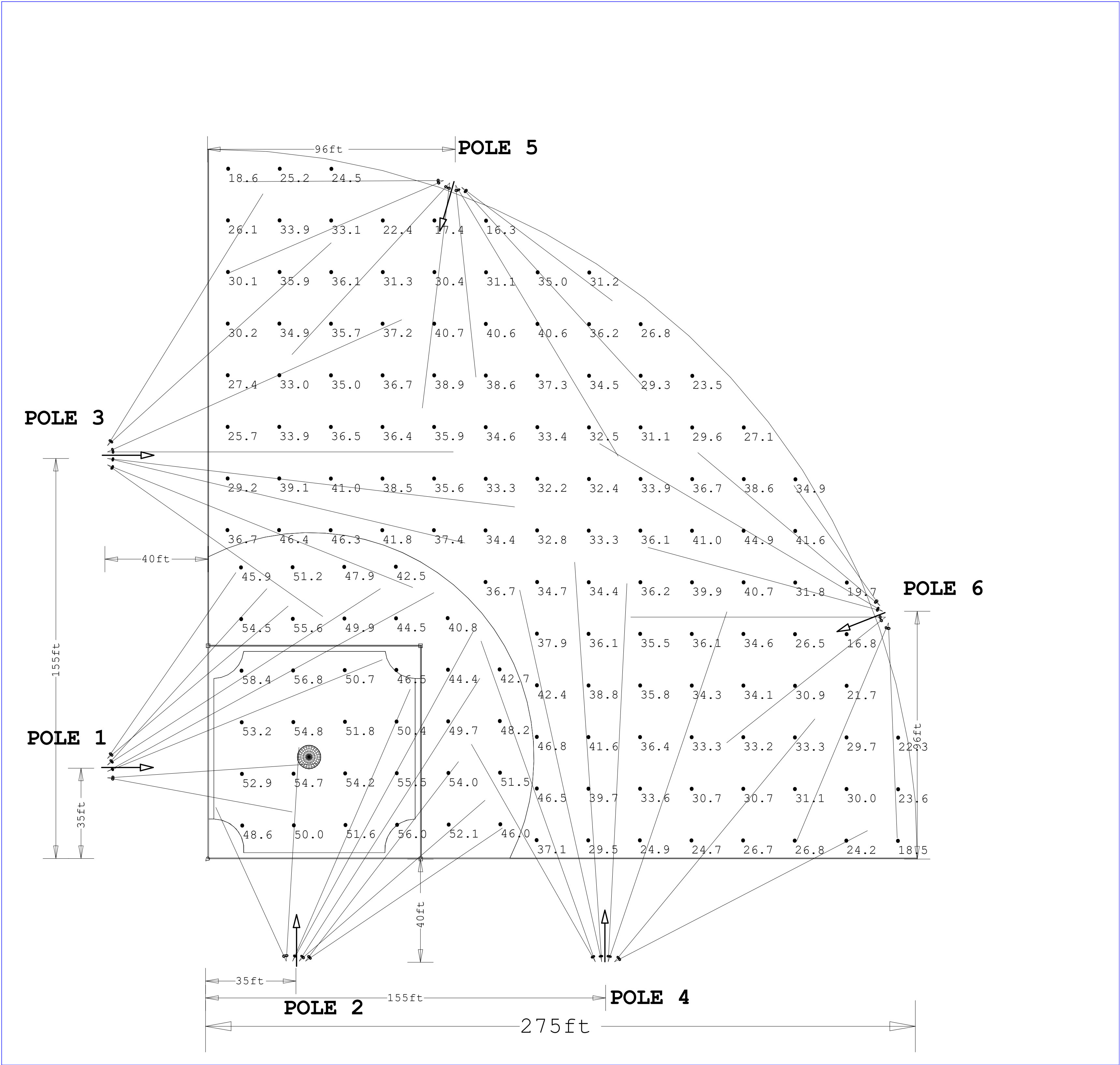
LIGHTING DETAILS:

Luminaire Schedule							
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Calculation Summary						
Label	CalcType	Units	Avg	Max	Min	Max/Min
INFIELD	Illuminance	Fc	50.53	58.4	40.8	1.43
OUTFIELD	Illuminance	Fc	33.17	46.8	16.3	2.87

LIGHTING DETAILS:

Luminaire Location Summary						
		Insertion Point				
LumNo	Label	X	Y	Z	Orient	Tilt
1	SP2	98.25	260	70	312.337	56.192
2	SP2	260.25	98	70	139.955	52.153
4	SP2	30.25	-39.75	70	86.586	49.145
5	SP2	-39	31.25	70	3.882	48.644
7	SP2	30.25	-39.75	66	114.614	43.864
8	SP2	32.75	-39.75	70	66.621	58.147
9	SP2	32.75	-39.75	66	61.28	65.327
10	SP2	35.25	-39.75	70	40.846	53.085
11	SP2	35.25	-39.75	66	57.41	62.716
12	SP2	37.75	-39.75	70	52.512	53.718
13	SP2	37.75	-39.75	66	34.035	53.75
23	SP1	157.5	-40	70	27.378	57.138
24	SP2	157.5	-40	66	50.477	61.164
25	SP2	155	-40	70	71.27	63.627
26	SP2	155	-40	66	87.167	65.478
27	SP2	152.5	-40	70	102.434	64.301
28	SP2	152.5	-40	66	93.882	66.68
29	SP2	-39	31.25	66	349.551	46.989
30	SP2	-39	33.75	70	22.102	58.211
31	SP2	-39	33.75	66	28.698	65.105
32	SP2	-39	36.25	70	32.838	60.527
33	SP2	-39	36.25	66	47.862	53.758
34	SP2	-39	38.75	70	40.126	51.985
35	SP2	-39	38.75	66	55.357	52.34
51	SP2	98.252	260.023	66	322.974	47.123
52	SP2	95.909	260.878	70	276.018	46.119
53	SP2	95.911	260.85	66	300.954	61.277
54	SP2	93.568	261.756	70	227.444	51.61
55	SP2	93.571	261.778	66	263.094	52.469
56	SP2	91.228	262.633	70	203.271	51.539
57	SP2	91.23	262.656	66	180.299	48.928
58	SP2	260.239	97.994	66	125.554	39.889
59	SP2	261.368	95.764	70	164.772	52.786
60	SP2	261.357	95.758	66	149.386	62.258
61	SP2	262.486	93.528	70	180.016	54.11
62	SP2	262.475	93.522	66	218.354	49.217
63	SP2	263.604	91.292	70	247.197	52.06
64	SP2	263.593	91.236	66	272.344	50.932
65	SP2	-39	155	70	353.222	65.951
66	SP2	-39	155	66	346.696	64.81
67	SP2	-39	157.5	70	24.179	60.355
68	SP2	-39	157.5	66	0	63.435
75	SP1	-39	152.5	70	338.115	60.836
76	SP1	-39	152.5	66	324.846	56.572
81	SP1	-39	160	66	58.286	59.627
82	SP2	-39	160	70	42.178	58.661
83	SP1	150	-40	70	109.603	61.68
84	SP1	150	-40	66	119.672	55.201



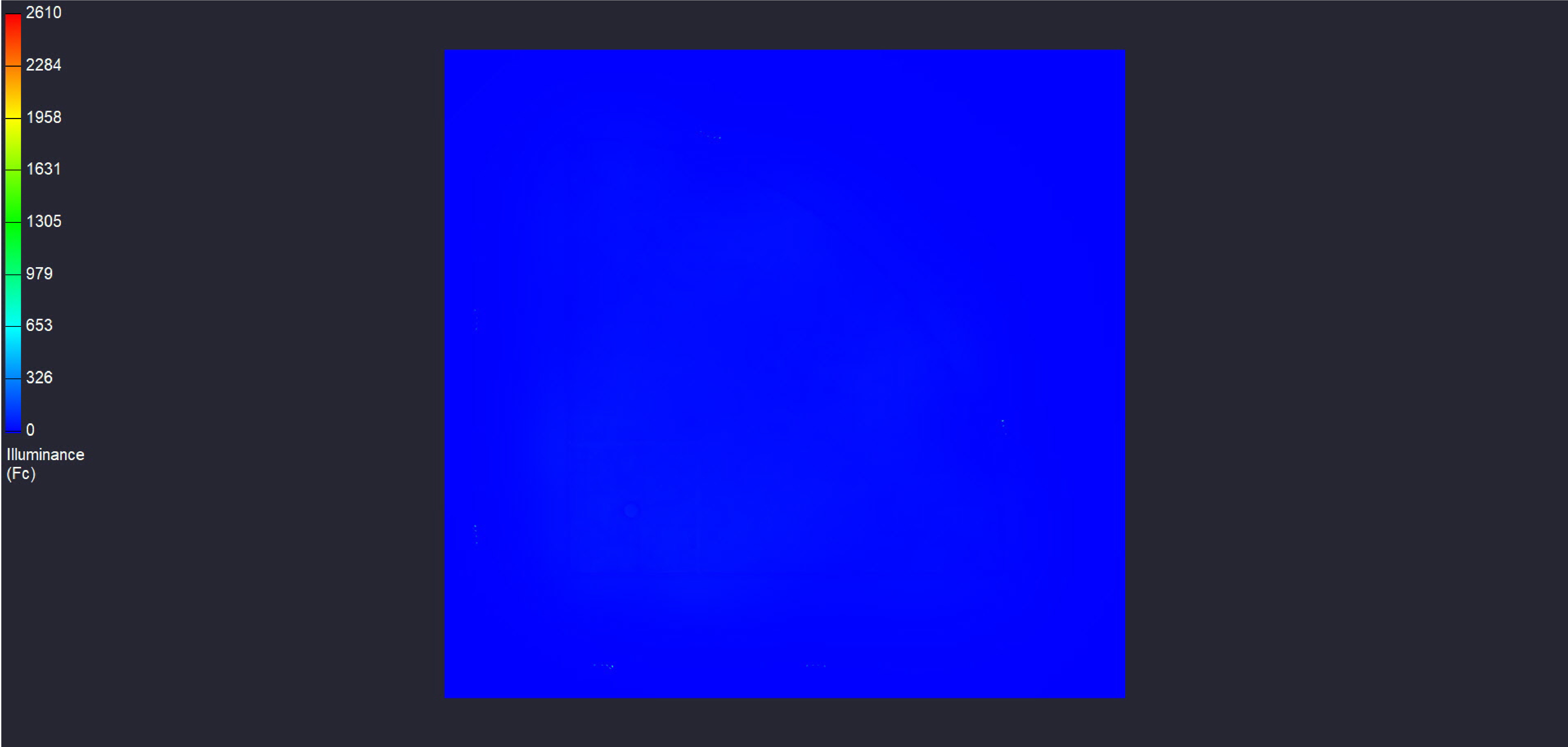


Date:9/9/2025

Drawn By: MS

Revision #:

275' BASELINE 500W 70' MH



275' BASELINE 500W 70' MH