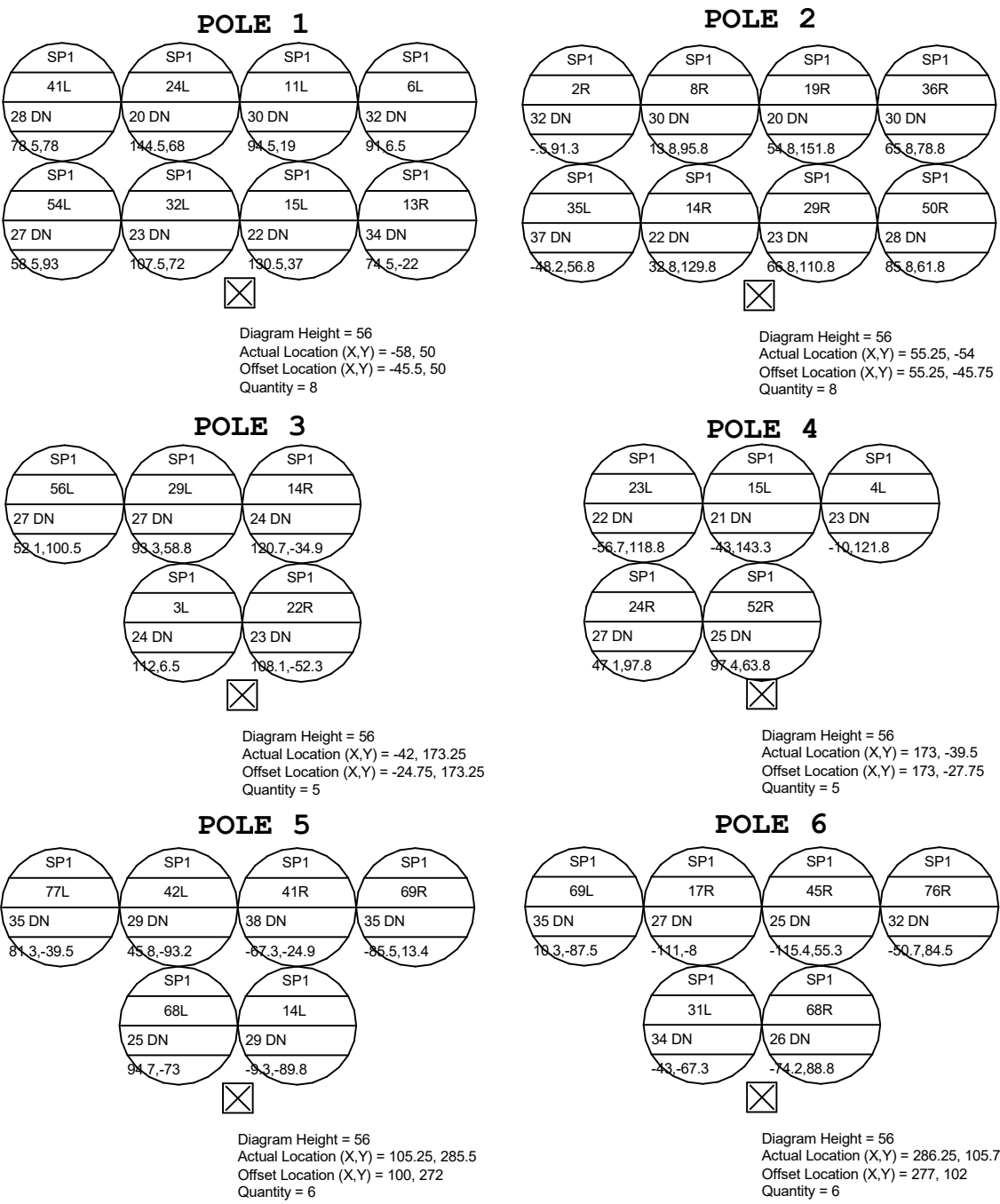
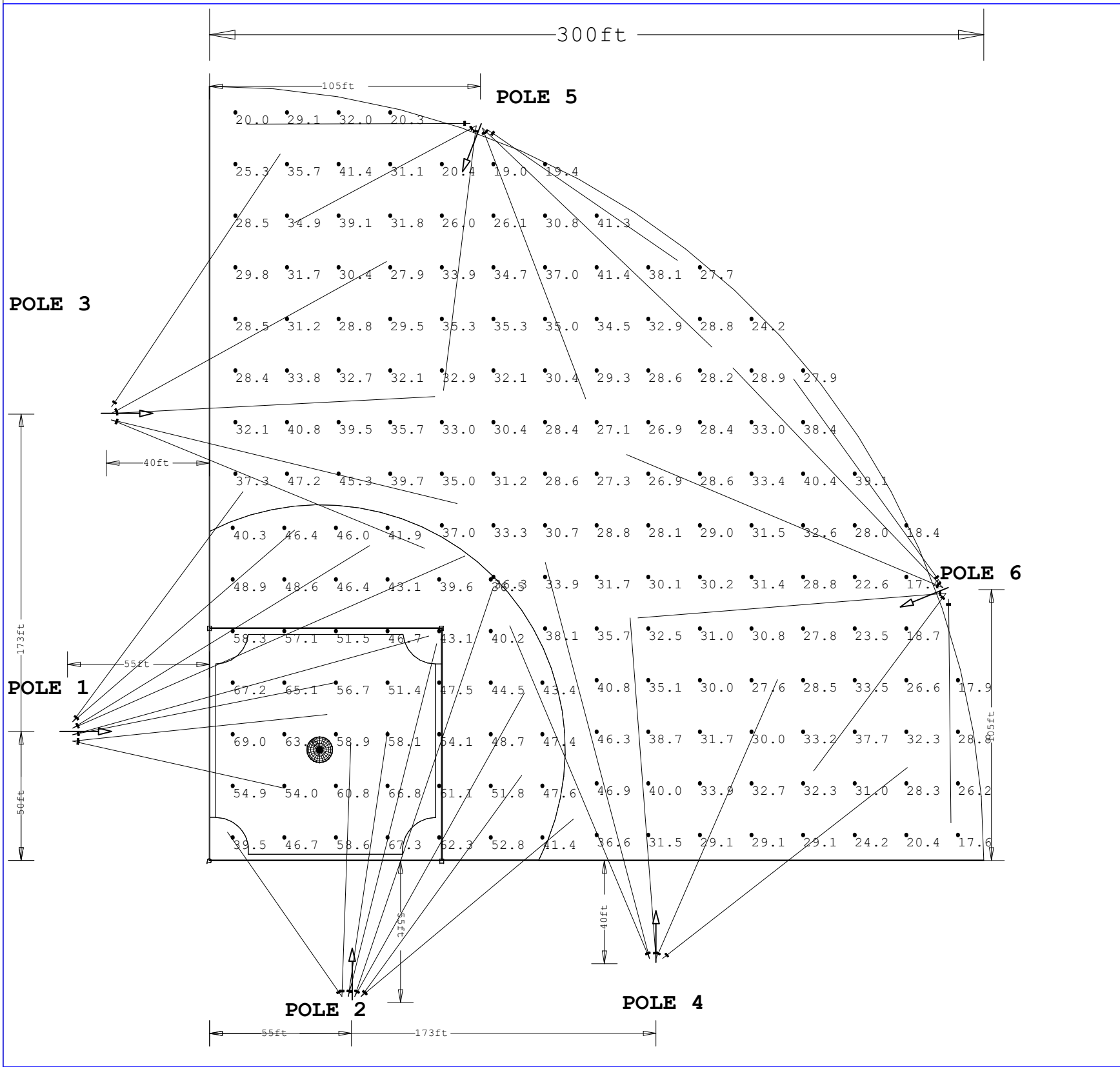




Scale: 1 inch= 48 Ft.

LIGHTING DETAILS:

Luminaire Schedule							
Label	Symbol	Qty	LLF	Description	Arrangement	Luminaire Lumens	Luminaire Watts
SP1		38	1.000	Centario Pro 800W 35D	Single	122134	824.79

Calculation Summary						
Label	CalcType	Units	Avg	Max	Min	Max/Min
INFIELD	Illuminance	Fc	51.72	69.0	36.5	1.89
OUTFIELD	Illuminance	Fc	31.27	47.2	17.4	2.71

- DESIGN NOTES:
- 1.300' Baseline
 2. 50/30 Target
 - 3.
 - 4.

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

800W CENTARIO PRO | LED SPORT LIGHT

PRODUCT DESCRIPTION

THE CENTARIO PRO SERIES EVOLVES WITH AN ALL NEW SECOND YEAR WARRANTY MORE POWERFUL HIGHER LUMENS, TOP-TIER LENS DRIVER, AND A NEW SIMPLE HOOK-MOUNT OPTION. THE CENTARIO PRO IS UL CERTIFIED - THE PINNACLE OF SPORT LIGHTING!

800W CENTARIO PRO 800W

PRODUCT FEATURES & COMMON USE APPLICATIONS

- ✓ UL-eUL certificate
- ✓ Input voltage 120-277VAC
- ✓ No UV or IR in the beam
- ✓ Energy saving, long lifespan
- ✓ Instant start, NO flickering, NO humming
- ✓ Green and eco-friendly without mercury
- ✓ Output constant current never can be adjusted through output cable with 0-10V
- ✓ Stadium Fields
- ✓ Gymnasiums
- ✓ Bayside plaza
- ✓ Shipyard, Airport, wharf
- ✓ High-invest and Contour lighting, etc.

LEGENDARY USA SUPPORT

PRODUCT DIMENSIONS

666x45 126/221/212

470x35 118/212/212

LEGENDARY USA SUPPORT

800W CENTARIO PRO | LED SPORT LIGHT

PRODUCT TECHNICAL SPECIFICATIONS

Input Power (Tolerance: ±10%)	800W
Color Temperature	5000K
Lumen (Tolerance: ±10%)	110000 LM
Efficiency (Tolerance: ±5%)	145 LM/W
CRI	>90
Color Consistency	±7 Delta U* / 7 SDCM
WES	BE100-05
Photometric Pattern	100x100°
Beam Angle (100°)(Tolerance: ±15%)	25 (90° lens included in box)
Input Voltage and Frequency	120-277VAC, 50/60Hz
PF (Tolerance: ±5%)	0.98
THD (Tolerance: ±5%)	20%
Flicker Percent	≤0%
Driver Board	Original
Cover Model	LED-500-002-002
Other Range protection	CRPFC 100° / CRPFC 150° / CRPFC 180° / CRPFC 225°
Optional Accessory	Sensor Headset * Photocell * Sensor Headset * Short Cap
LED Brand	BRAND
LED Type	3535
LED Qty	272 PCS
Finishing	Die-cast aluminum
Housing Color	Black, Bronze, or Customized
Temp	27-35°
Waterproof Rating	IP67
Operating Temperature	-40°C to 60°C
Storage Temperature	-40°C to 85°C
Operating Humidity	40%~90% RH
Storage Humidity	10%~90% RH
Warranty	5 years warranty with 24/7 operating hours Luminaire lifetime at 25°C

PRODUCT ACCESSORIES

800W CENTARIO PRO | LED SPORT LIGHT

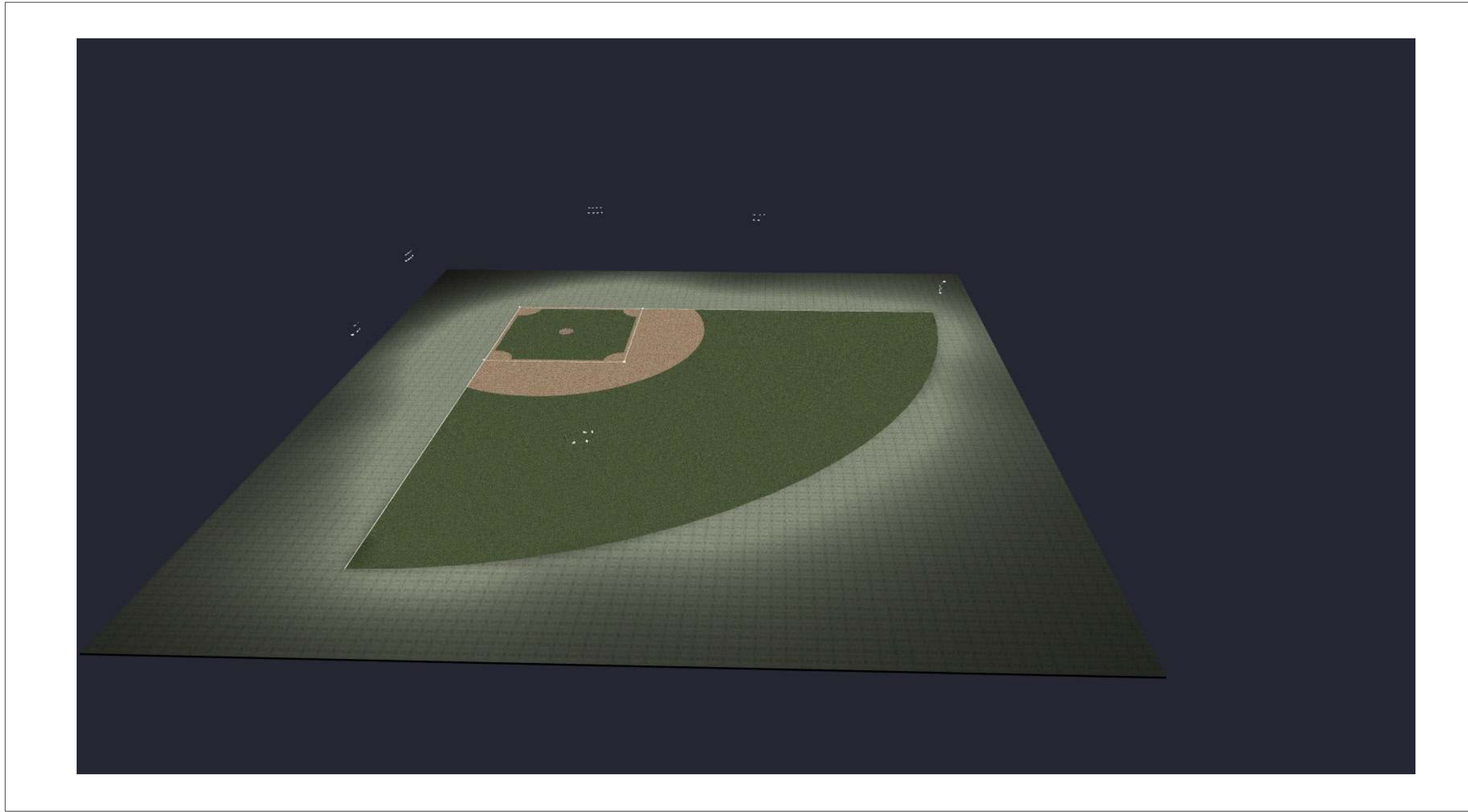
PRODUCT PACKAGING

Model Type	Luminaire test model	Size	Qty/ Carton	Weight/ Carton
Outer box	24kg	1000/800/1100mm	1 Pcs	24.9kg

(Tolerance of Carton Size: ±15 mm, Tolerance of Weight: ±3%)

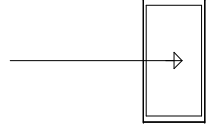
LEGENDARY USA SUPPORT

TYPE SP1



PLAN VIEW

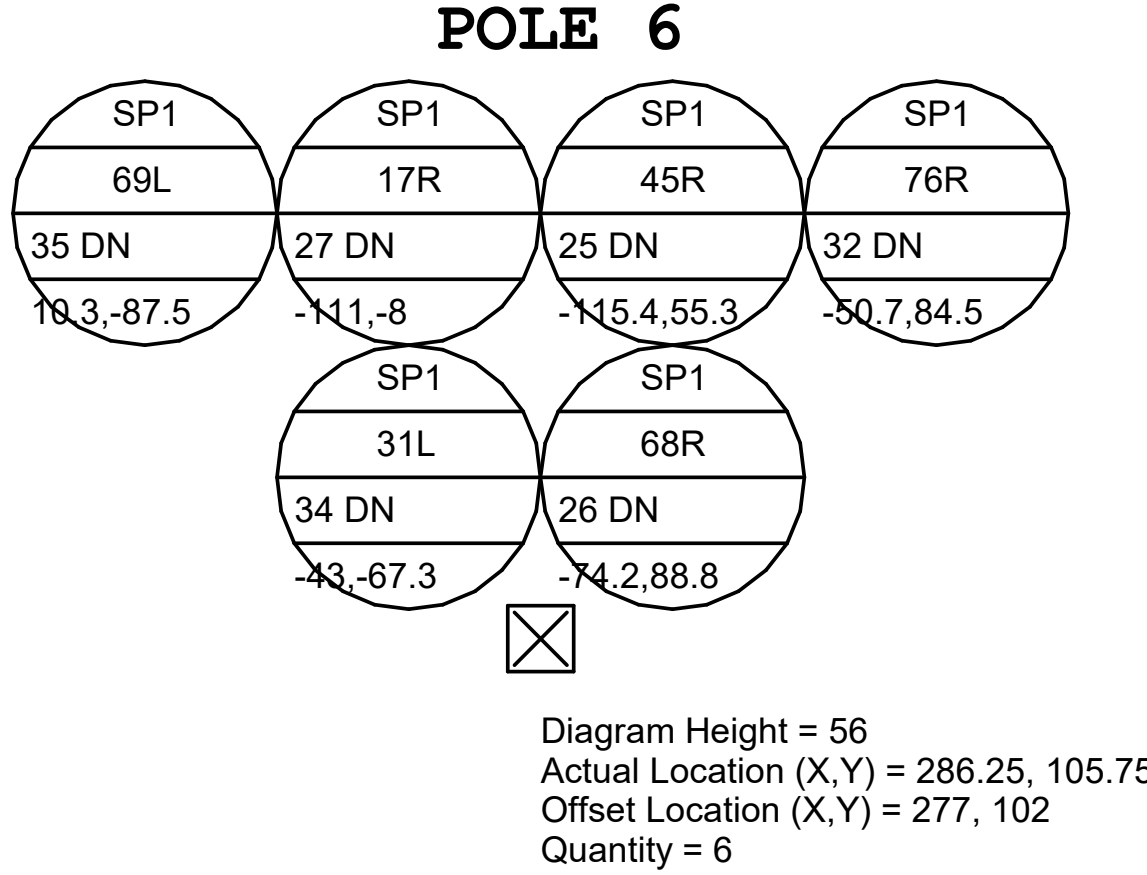
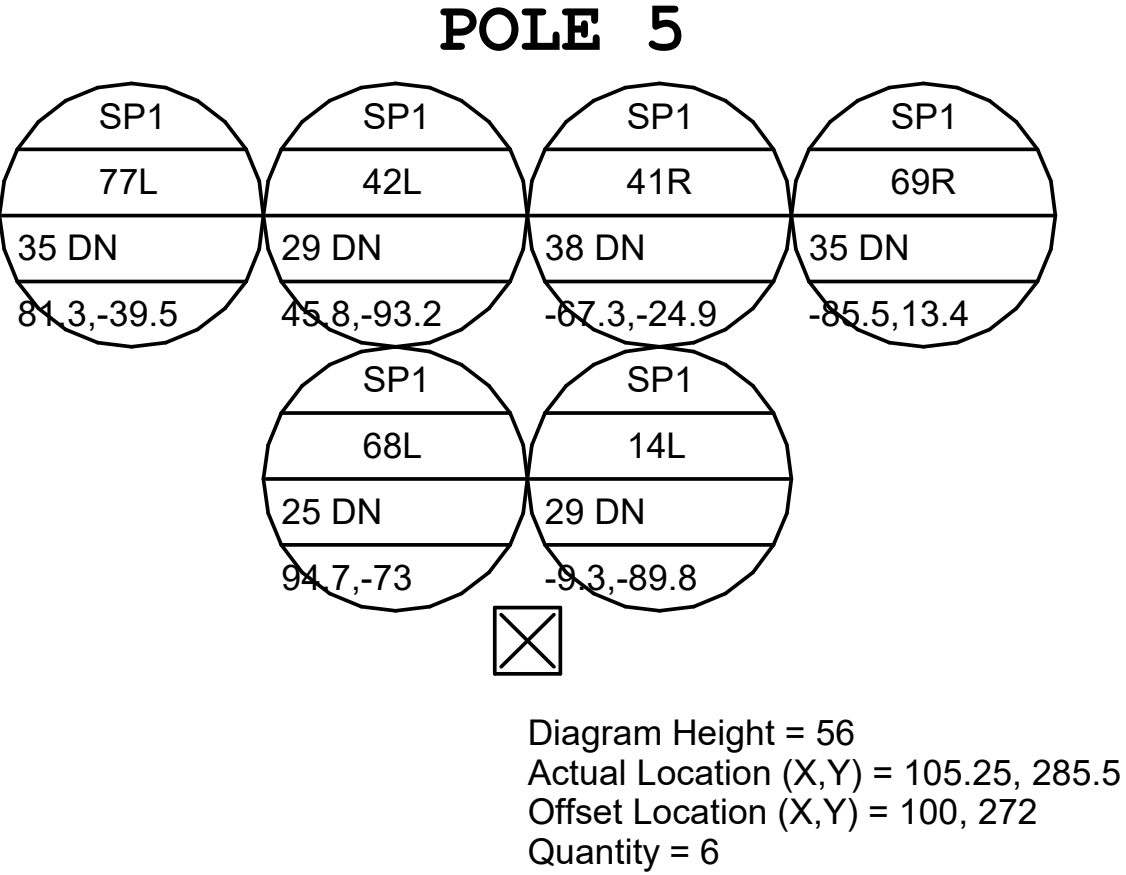
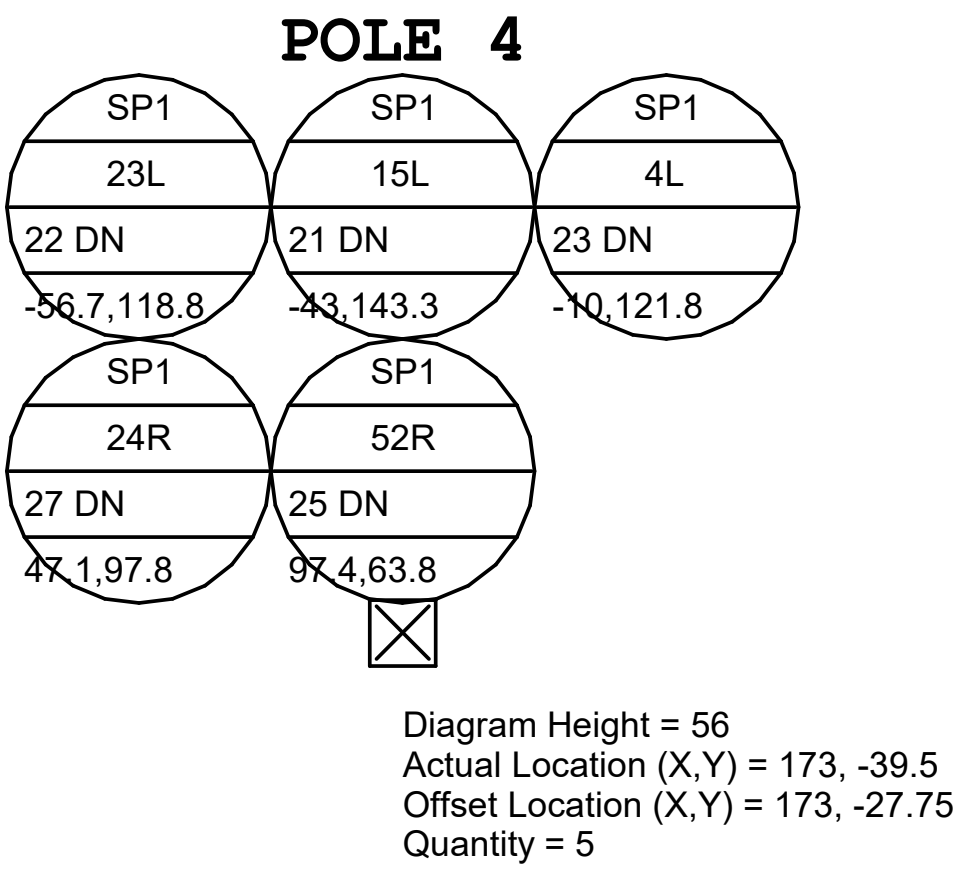
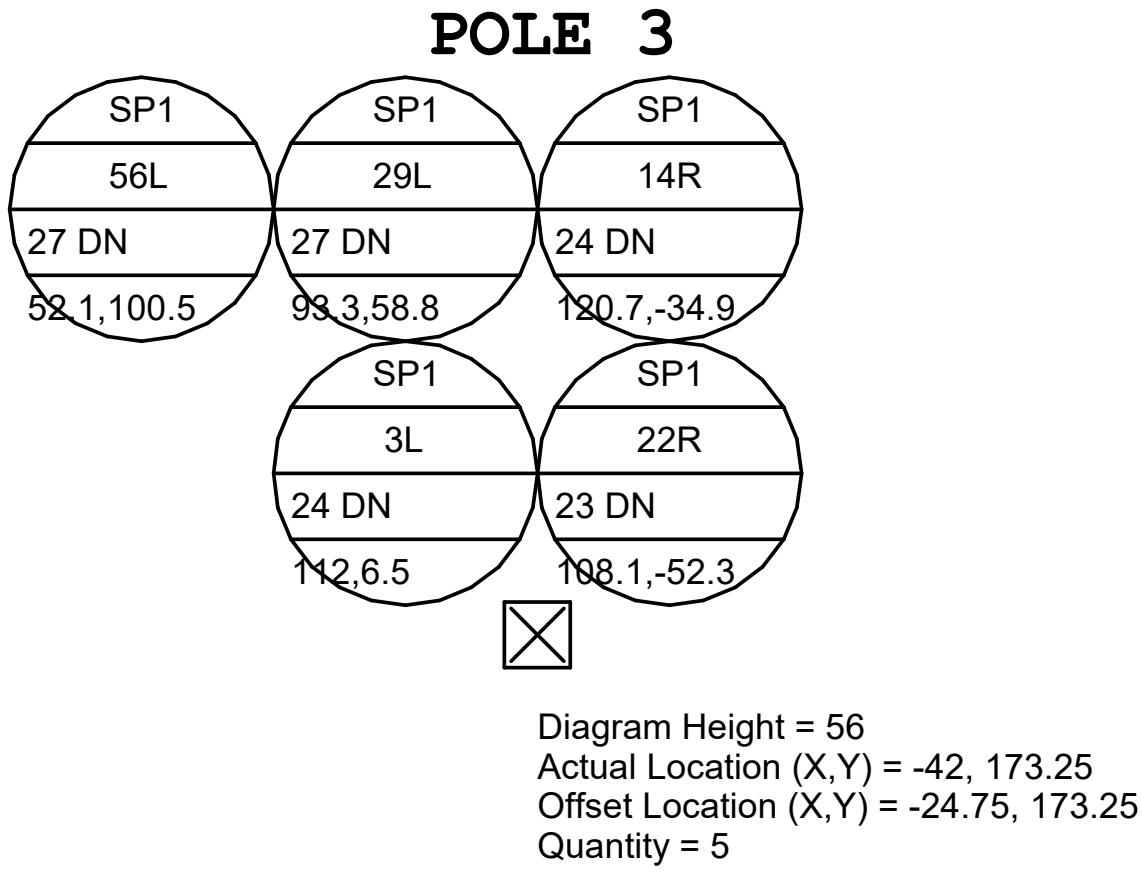
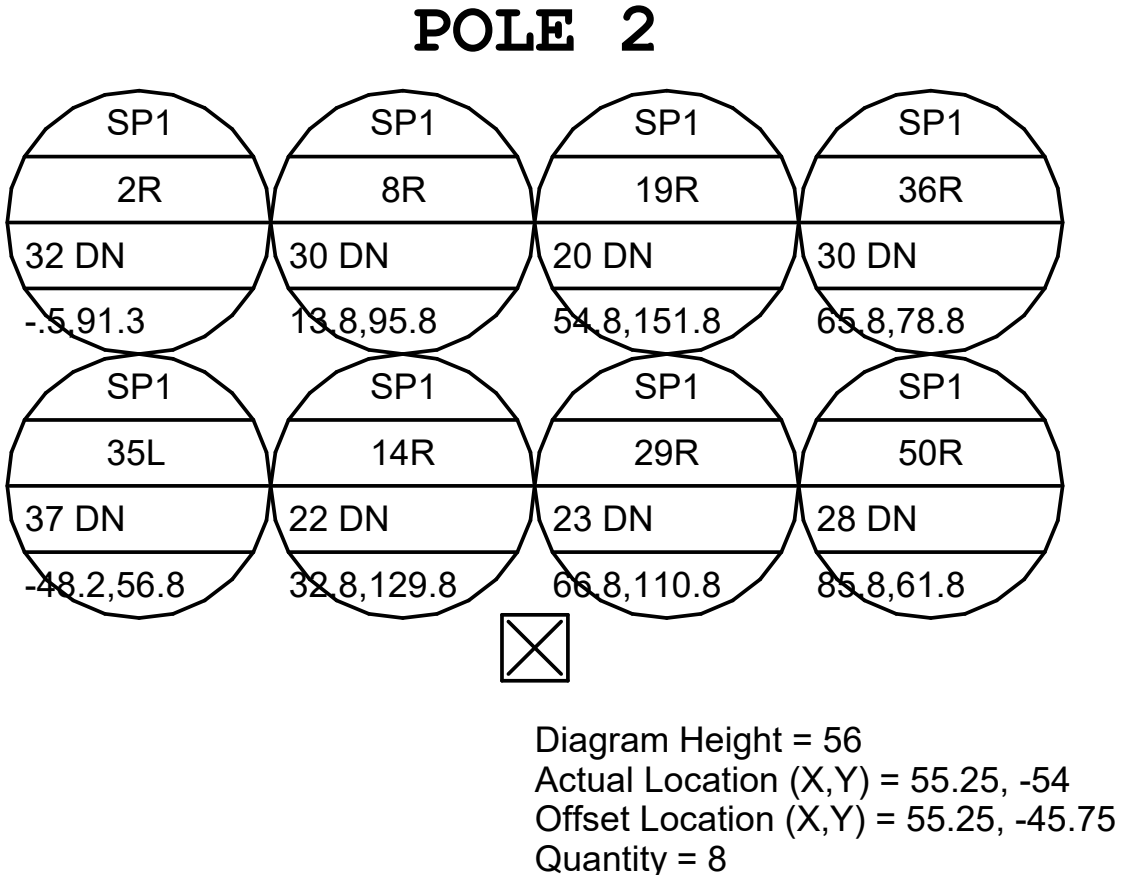
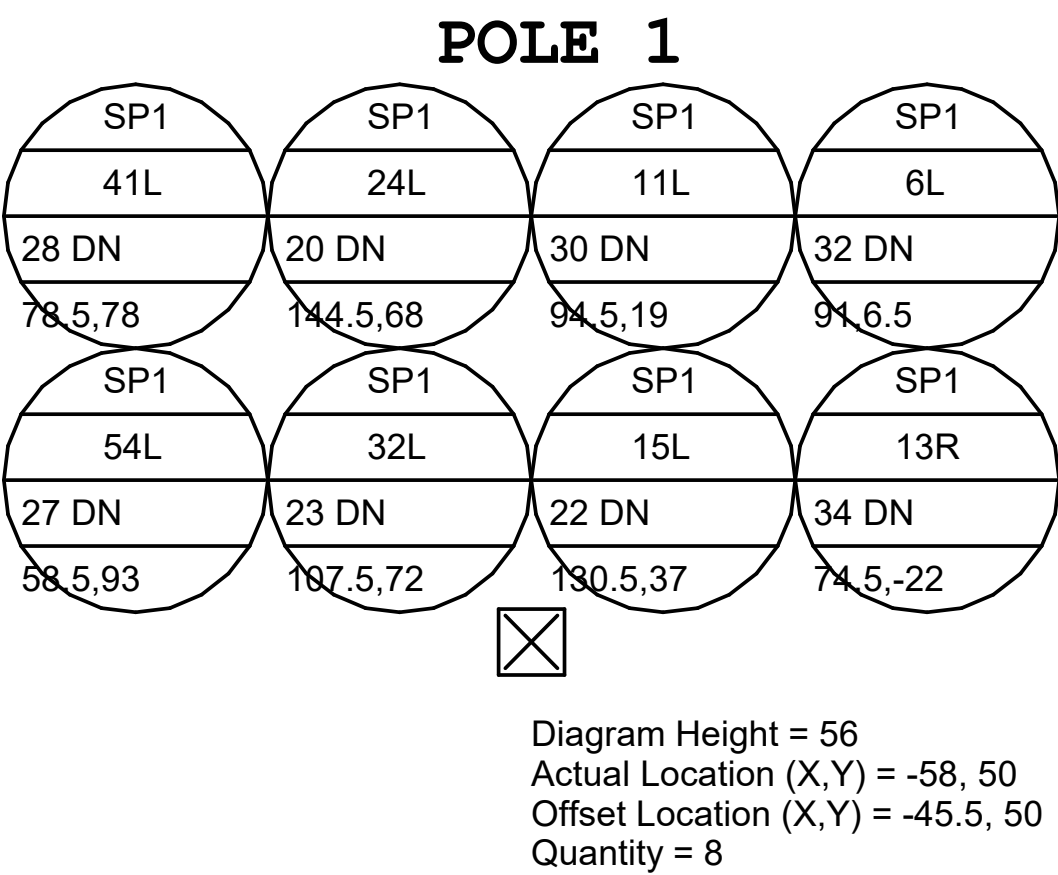
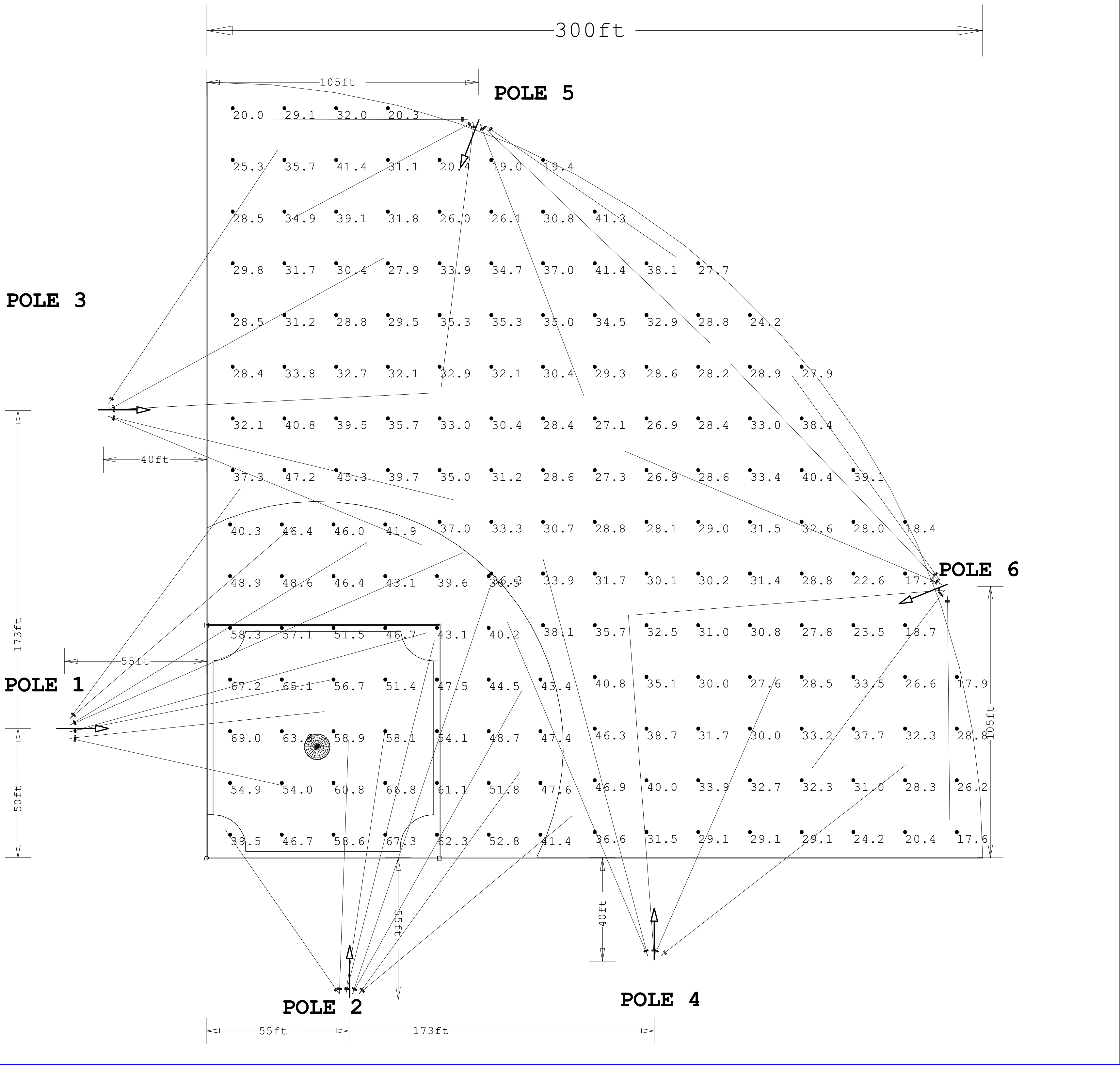
LIGHTING DETAILS:

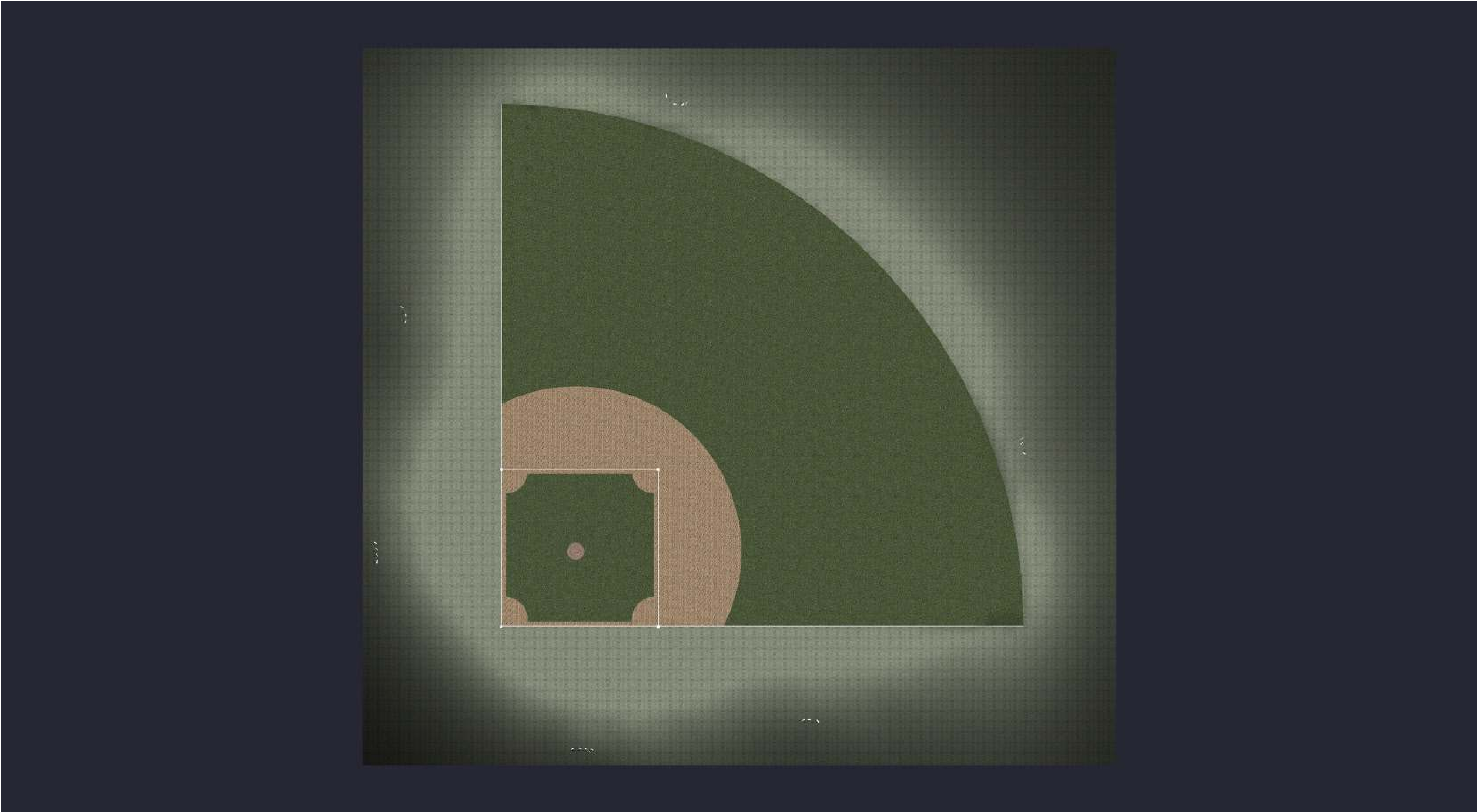
Luminaire Schedule							
Label	Symbol	Qty	LLF	Description	Arrangement	Luminaire Lumens	Luminaire Watts
SP1		38	1.000	Centario Pro 800W 35D	Single	122134	824.79

Calculation Summary						
Label	CalcType	Units	Avg	Max	Min	Max/Min
INFIELD	Illuminance	Fc	51.72	69.0	36.5	1.89
OUTFIELD	Illuminance	Fc	31.27	47.2	17.4	2.71

LIGHTING DETAILS:

Luminaire Location Summary						
		Insertion Point				
LumNo	Label	X	Y	Z	Orient	Tilt
1	SP1	108	283	60	325.443	55.39
2	SP1	283	108	60	125.823	57.691
4	SP1	51.25	-52.75	60	87.96	58.078
5	SP1	-53	46.25	60	5.97	58.271
7	SP1	51.25	-52.75	56	124.765	53.472
8	SP1	53.75	-52.75	60	81.558	59.504
9	SP1	53.75	-52.75	56	75.939	68.053
10	SP1	56.25	-52.75	60	71.295	70.084
11	SP1	56.25	-52.75	56	60.822	67.145
12	SP1	58.75	-52.75	60	54.022	60.009
13	SP1	58.75	-52.75	56	39.891	61.973
24	SP1	175.5	-38	56	37.946	64.676
25	SP1	173	-38	60	66.447	62.624
26	SP1	173	-38	56	94.332	66.756
27	SP1	170.5	-38	60	104.758	69.059
28	SP1	170.5	-38.05	56	112.782	67.908
29	SP1	-53.05	46.25	56	347.46	55.688
30	SP1	-53	48.75	60	11.229	59.532
31	SP1	-53	48.75	56	15.492	68.367
32	SP1	-53	51.25	60	23.708	69.906
33	SP1	-53	51.25	56	31.601	67.17
34	SP1	-53	53.75	60	40.806	61.74
35	SP1	-53	53.75	56	53.517	62.808
52	SP1	105.659	283.878	60	290.893	61.481
53	SP1	105.661	283.9	56	316.347	65.163
54	SP1	103.318	284.756	60	208.1	52.451
55	SP1	103.321	284.728	56	262.955	61.068
56	SP1	100.978	285.633	60	180.154	54.616
59	SP1	284.118	105.764	60	157.186	65.378
60	SP1	284.207	105.708	56	133.715	64.191
61	SP1	285.236	103.528	60	184.569	62.972
62	SP1	285.325	103.522	56	233.313	56.254
63	SP1	286.354	101.292	60	270.592	54.702
65	SP1	-38	173.25	60	28.881	63.385
66	SP1	-38	173.25	56	2.992	65.603
67	SP1	-38	175.75	60	56.303	62.608
75	SP1	-38	170.75	60	346.398	66.157
76	SP1	-38.05	170.75	56	337.696	66.569





Date:9/9/2025

Drawn By: MS

Revision #:

300' BASELINE 800W 60' MH

