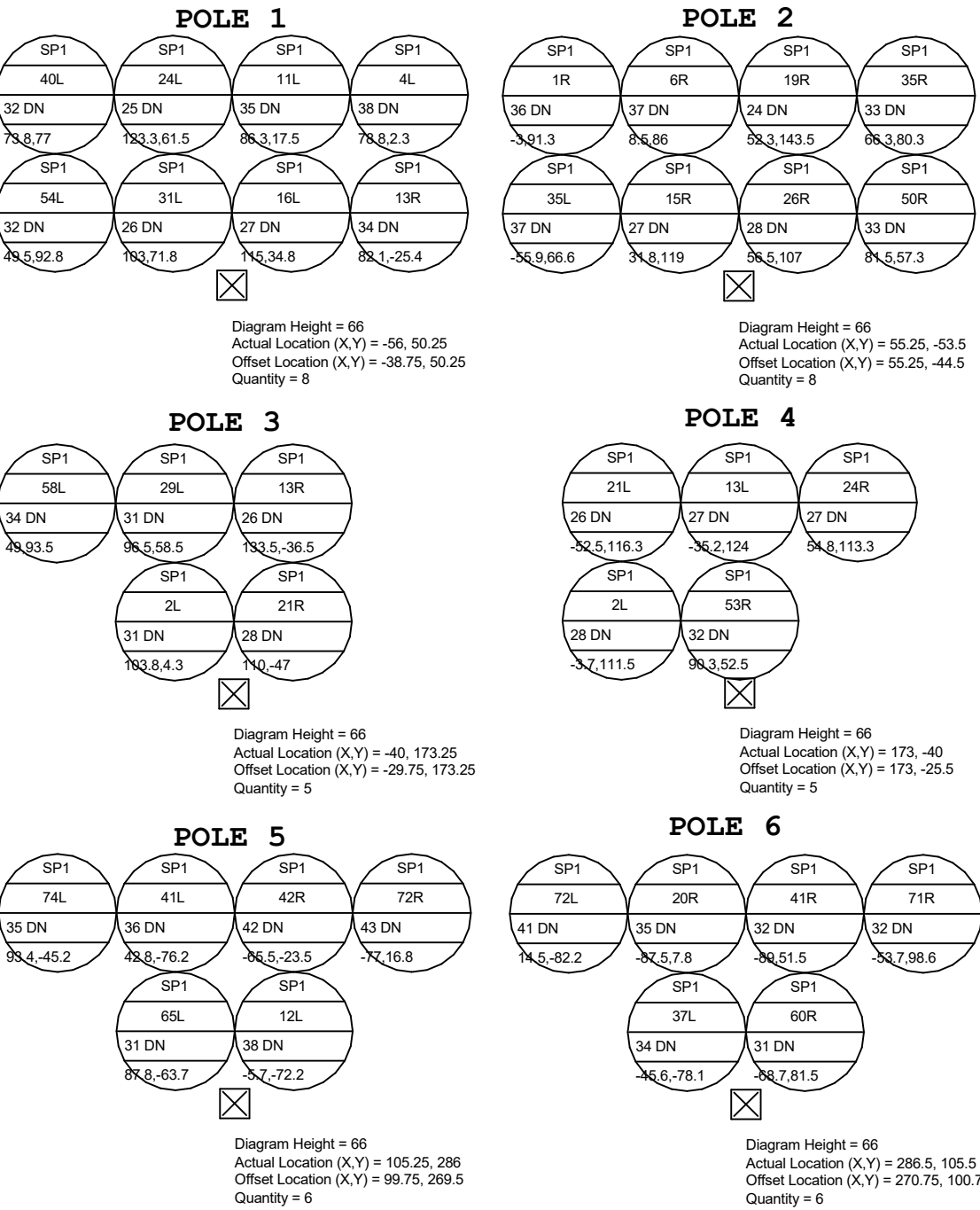
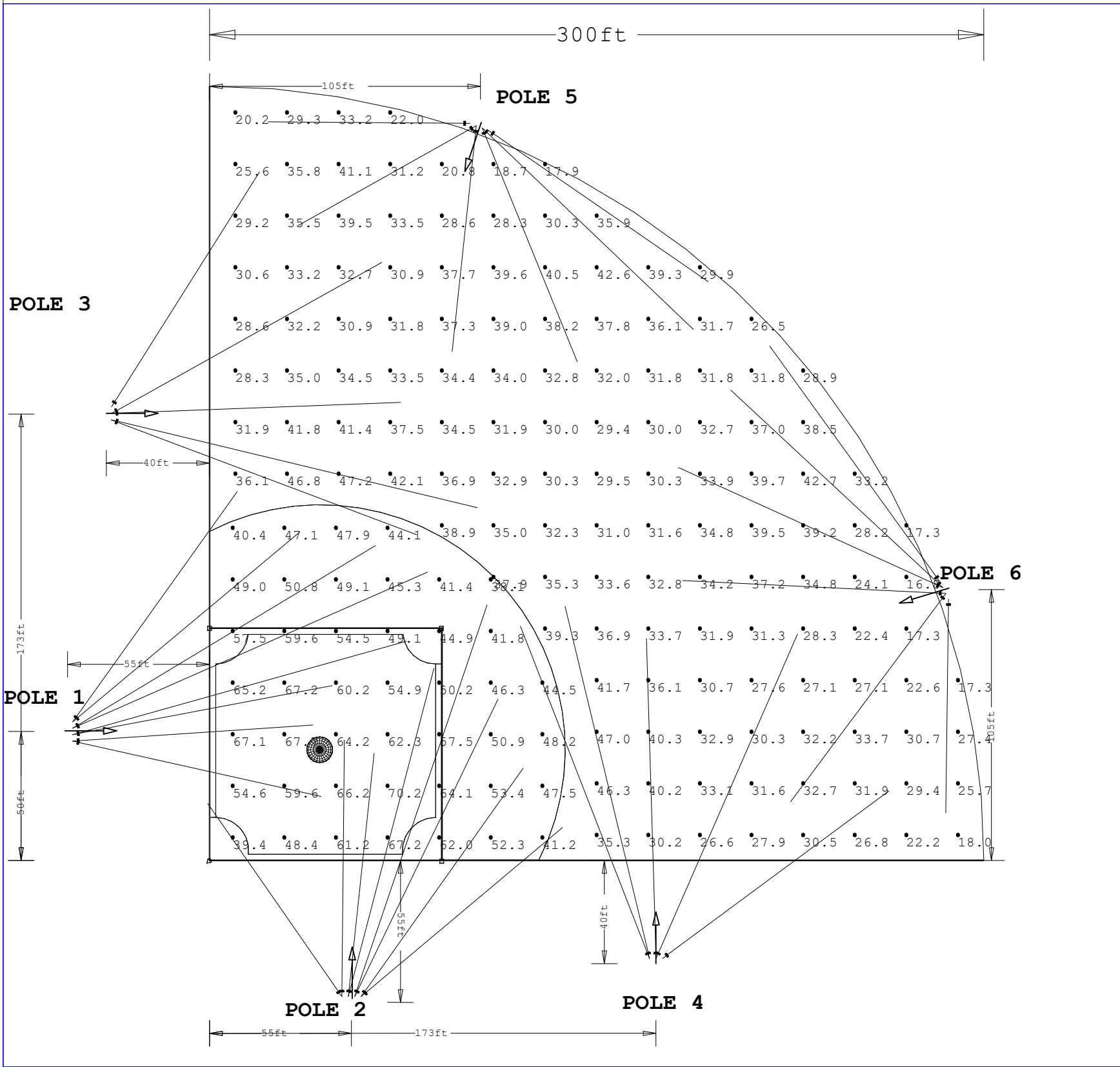




Scale: 1 inch= 48 Ft.

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	53.51	70.2	38.1	1.84
OUTFIELD	Illuminance	Fc	32.50	47.2	16.8	2.81

- 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 5-YEAR WARRANTY, MORE PRECISE 10TH HIGHER LUMENS, TOP-TIER UTILITY DRIVER, AND A NEW SIMPLE FLOOD-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
- ✓ Easy to install and operate
- ✓ 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
- ✓ Stainless Fixing
- ✓ Gymnasium
- ✓ Square plaza
- ✓ Shipyard, Airport, wharf
- ✓ High speed and contour lighting, etc.

PRODUCT DIMENSIONS

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 SDCM for 7° beam
WES	BE-100-06
Photometric Pattern	W80x10°
Beam Angle (100%) (Tolerance: ±1%)	25° (90° beam included in beam)
Input Voltage and Frequency	120-277VAC, 50/60Hz
PF (Tolerance: ±5%)	≥0.9
THD (Tolerance: ±5%)	≤20%
Flicker Percent	≤0%
Driver Board	Phoenix
Cover Model	LED-500-000-0002
Other Range protection	CMR® 180° / CMR50°
Trimming	0-10V dimming, instant
Optional Accessory	Sensor Headplate * Photometer Sensor Headplate * Smart Cap
LED Brand	Epistar
LED Type	LM80LM
LED CITY	172 PCS
Finishing	One-coat aluminum
Finishing Color	Black, Bronze, or Customized
Size	27.8" x 18"
Waterproof Rating	IP67
Operating Temperature	-40°C to 60°C
Storage Temperature	-40°C to 85°C
Operating Humidity	40% to 90% RH
Storage Humidity	40% to 90% RH
Warranty	5 years warranty with 24/7 operating hours Luminaire lifetime at 25°C

PRODUCT ACCESSORIES

800W CENTARIO PRO | LED SPORT LIGHT

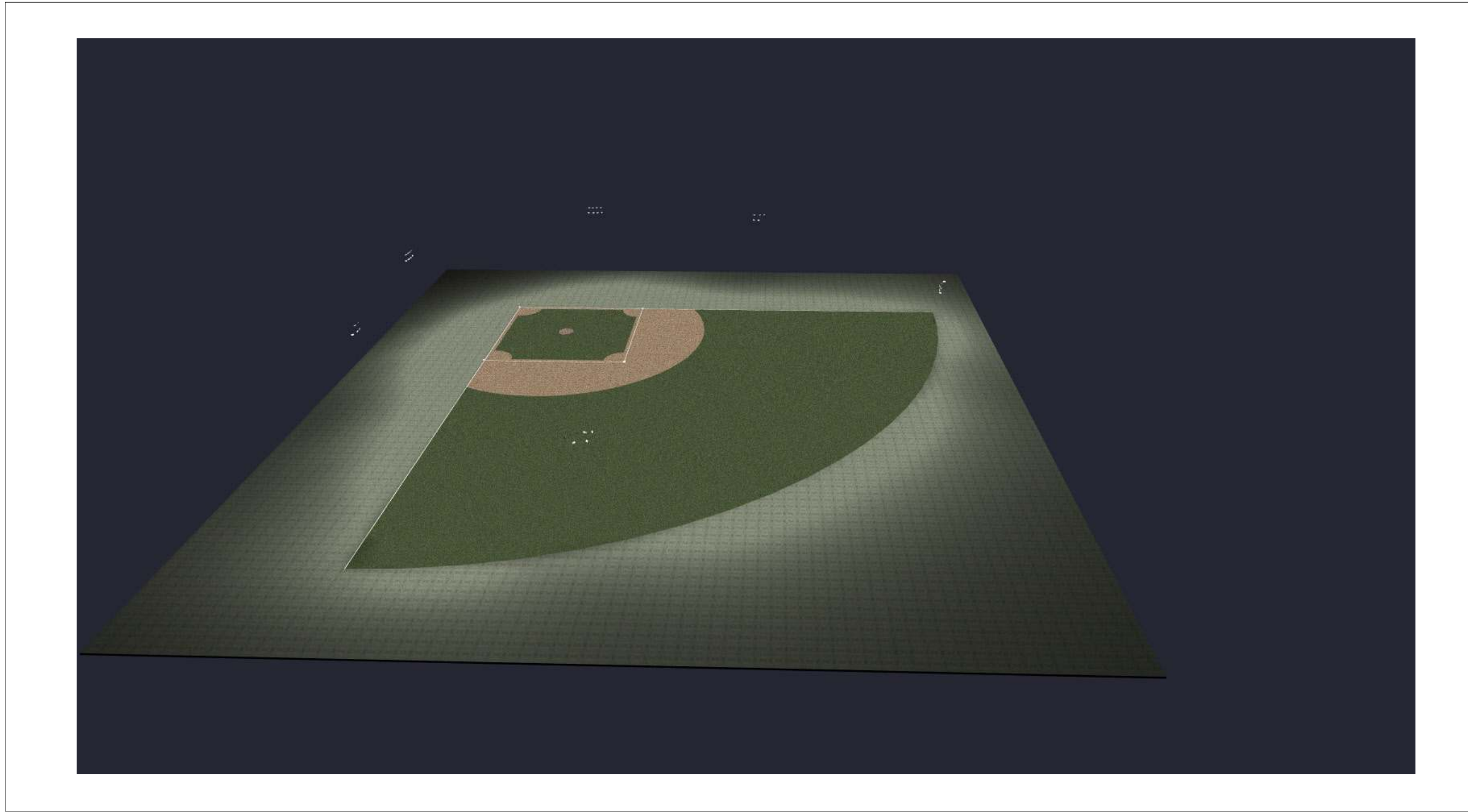
PRODUCT PACKAGING

Model Type	Luminaire total weight	Size	Qty/ Carton	Weight/ Carton
Order Item	28kg	1500*800*110mm	1 Pcs	24.9kg

Tolerance of Carton Size: ±1% Max, Tolerance of Weight: ±3%

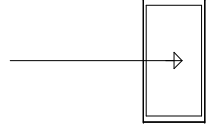
LEGENDARY USA SUPPORT

TYPE SP1



PLAN VIEW

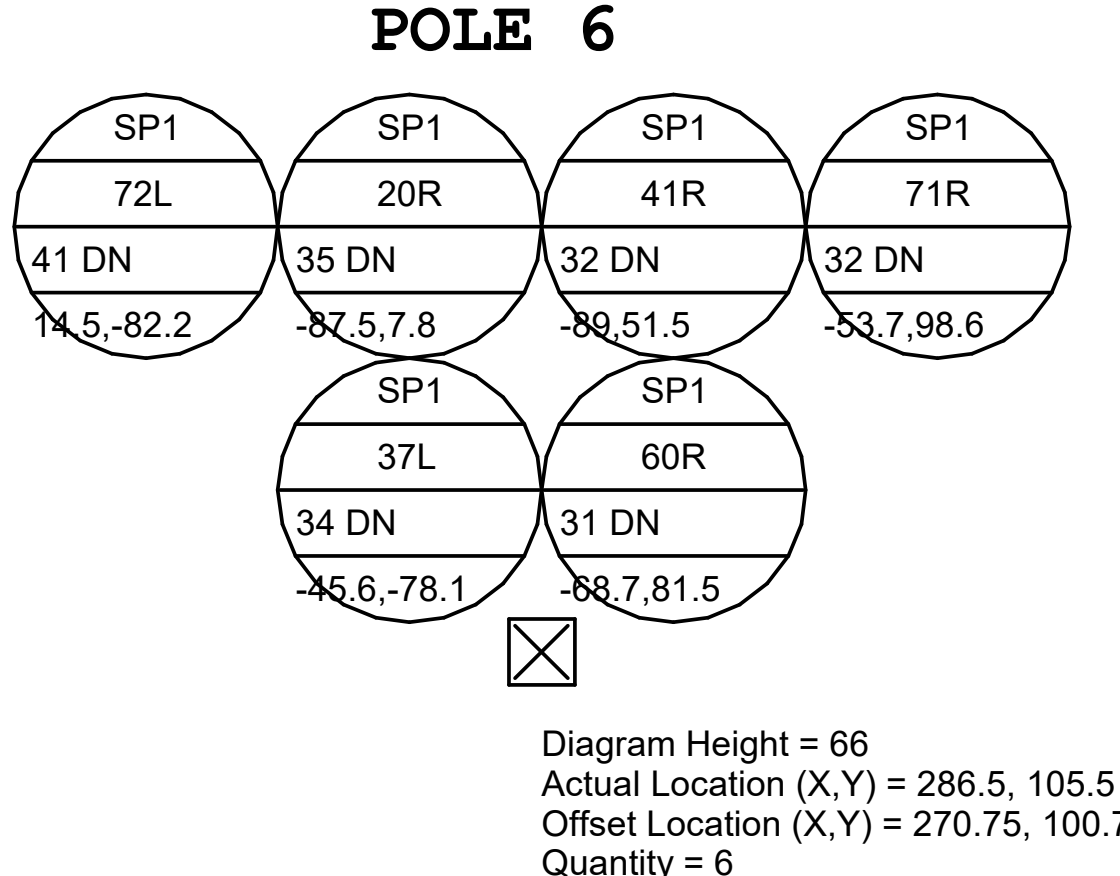
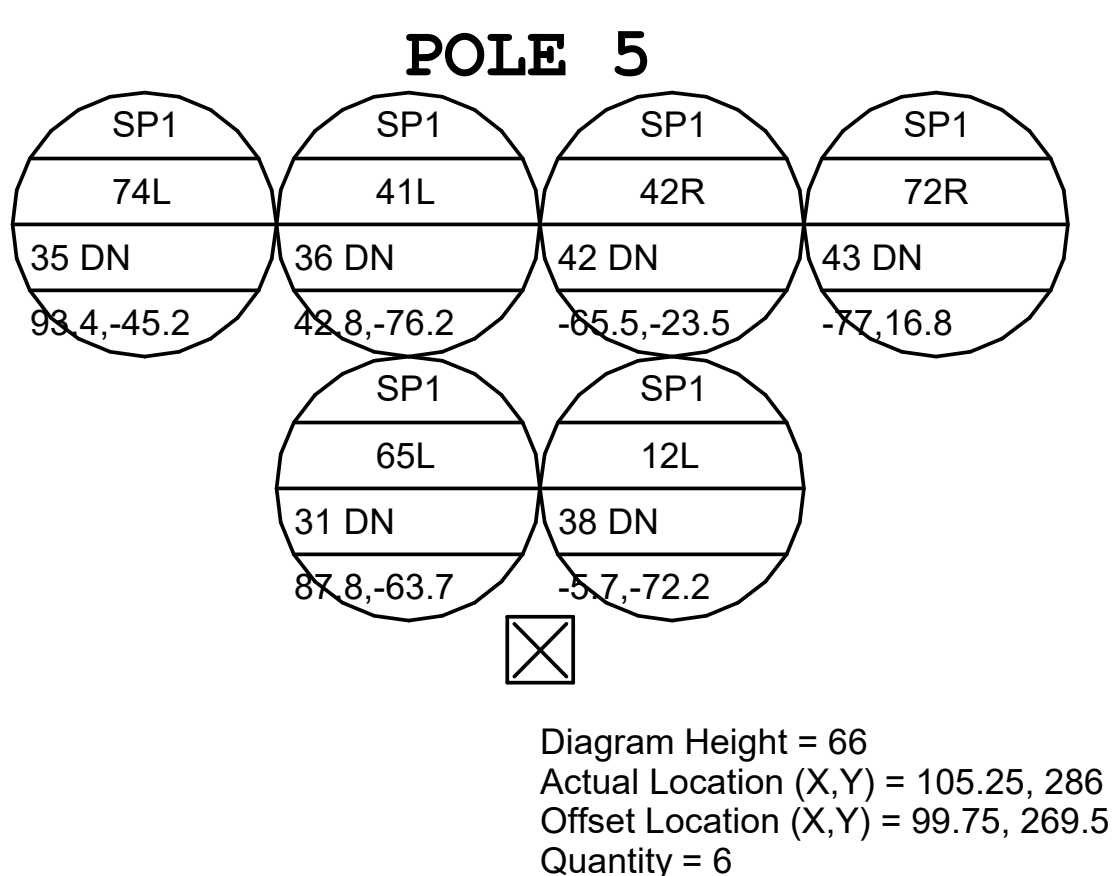
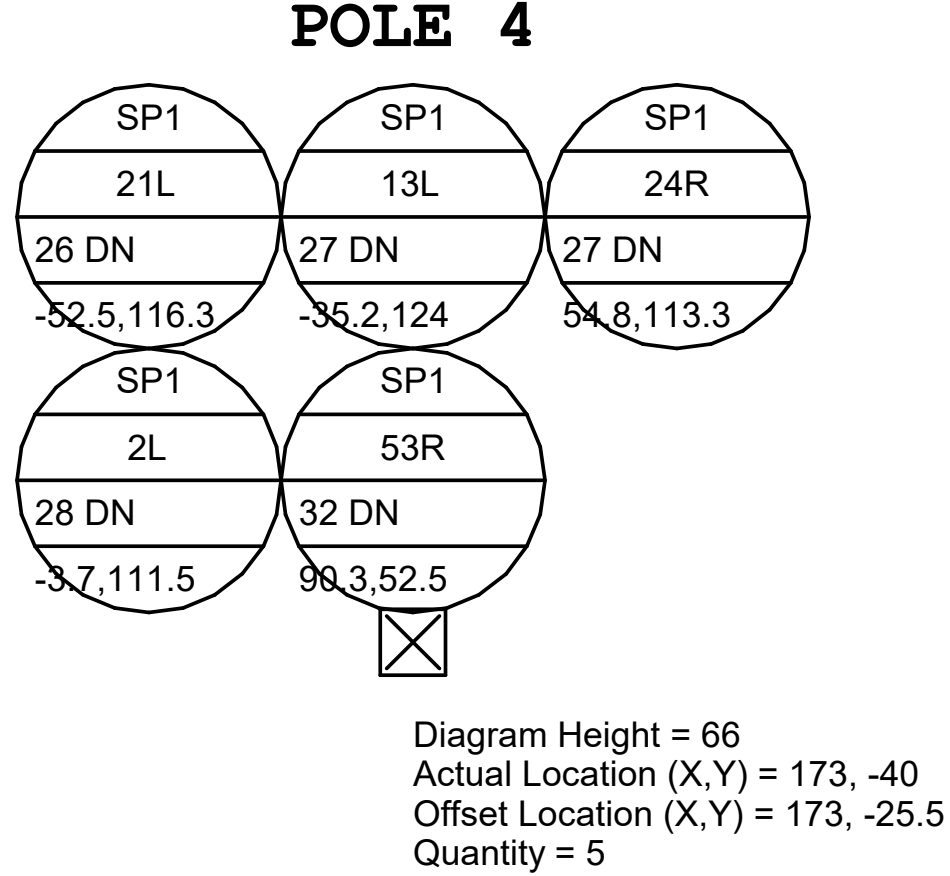
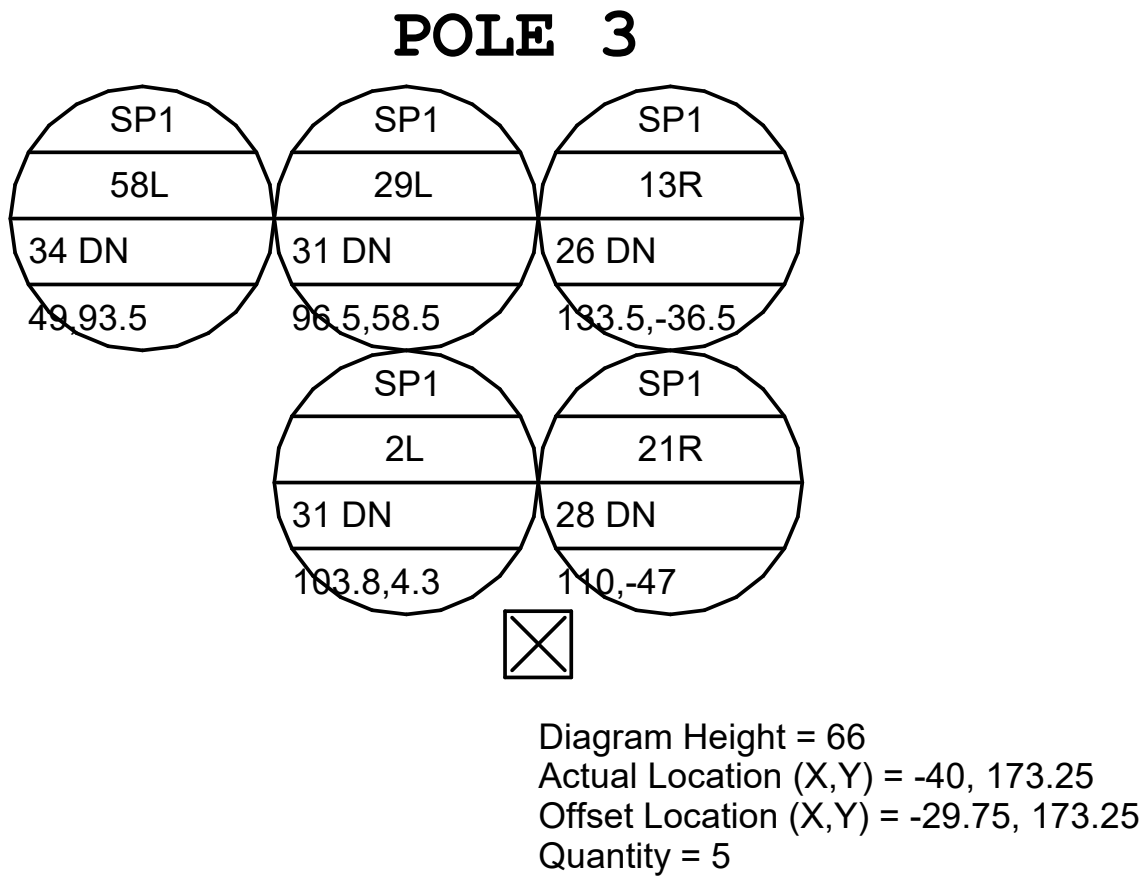
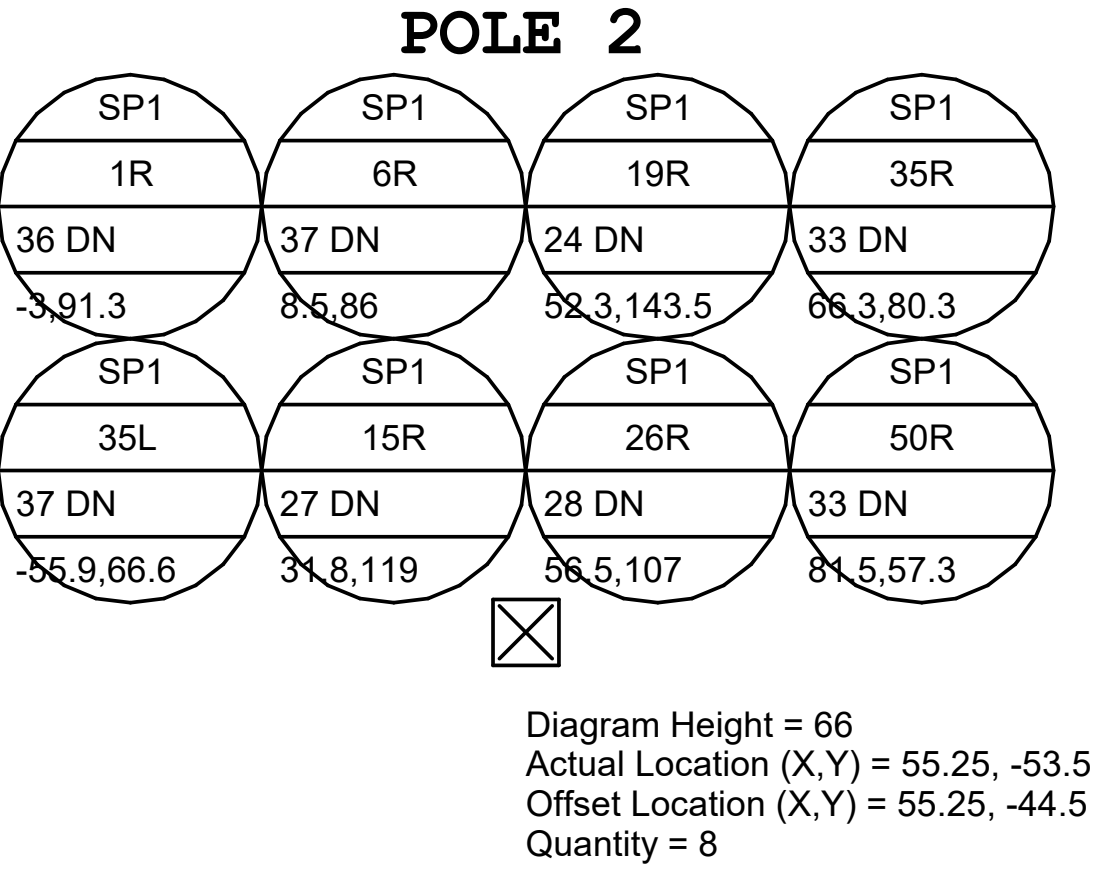
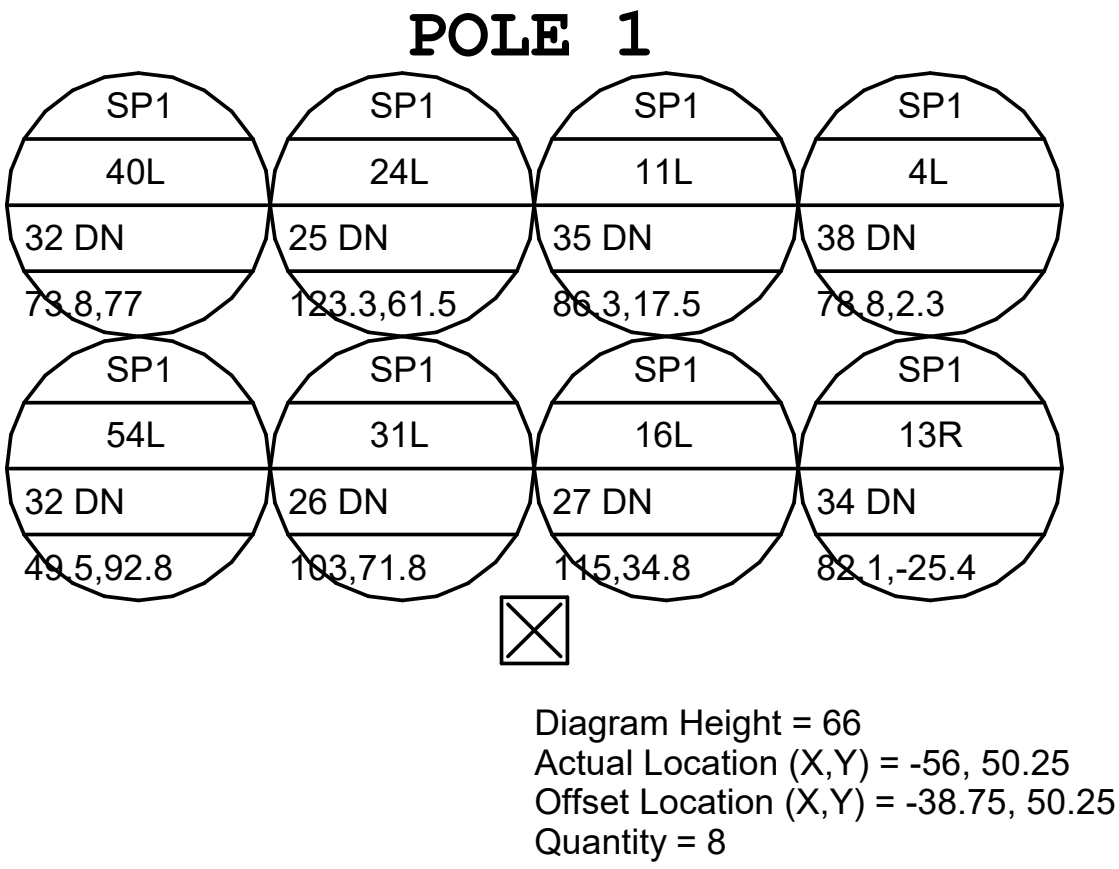
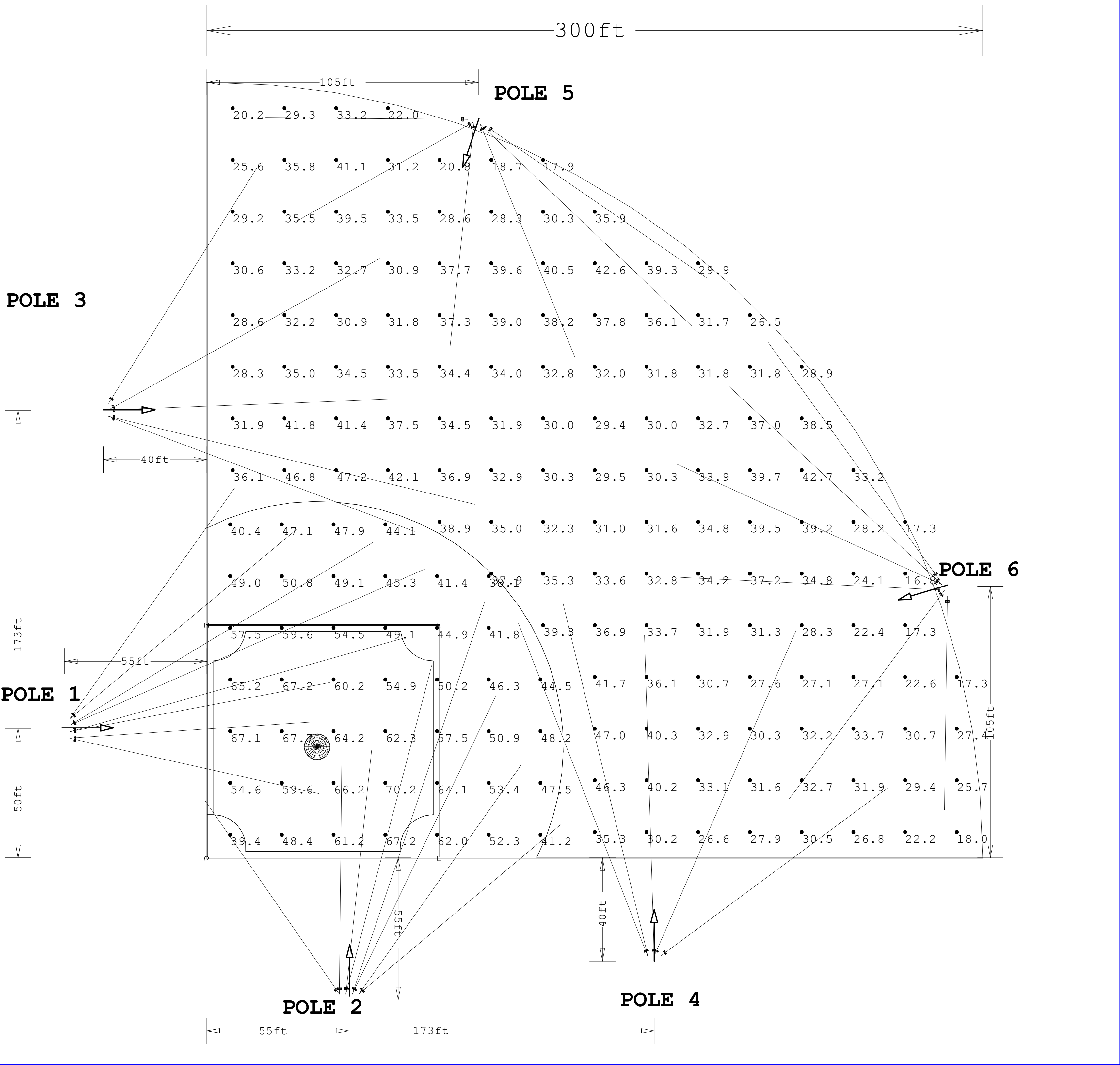
LIGHTING DETAILS:

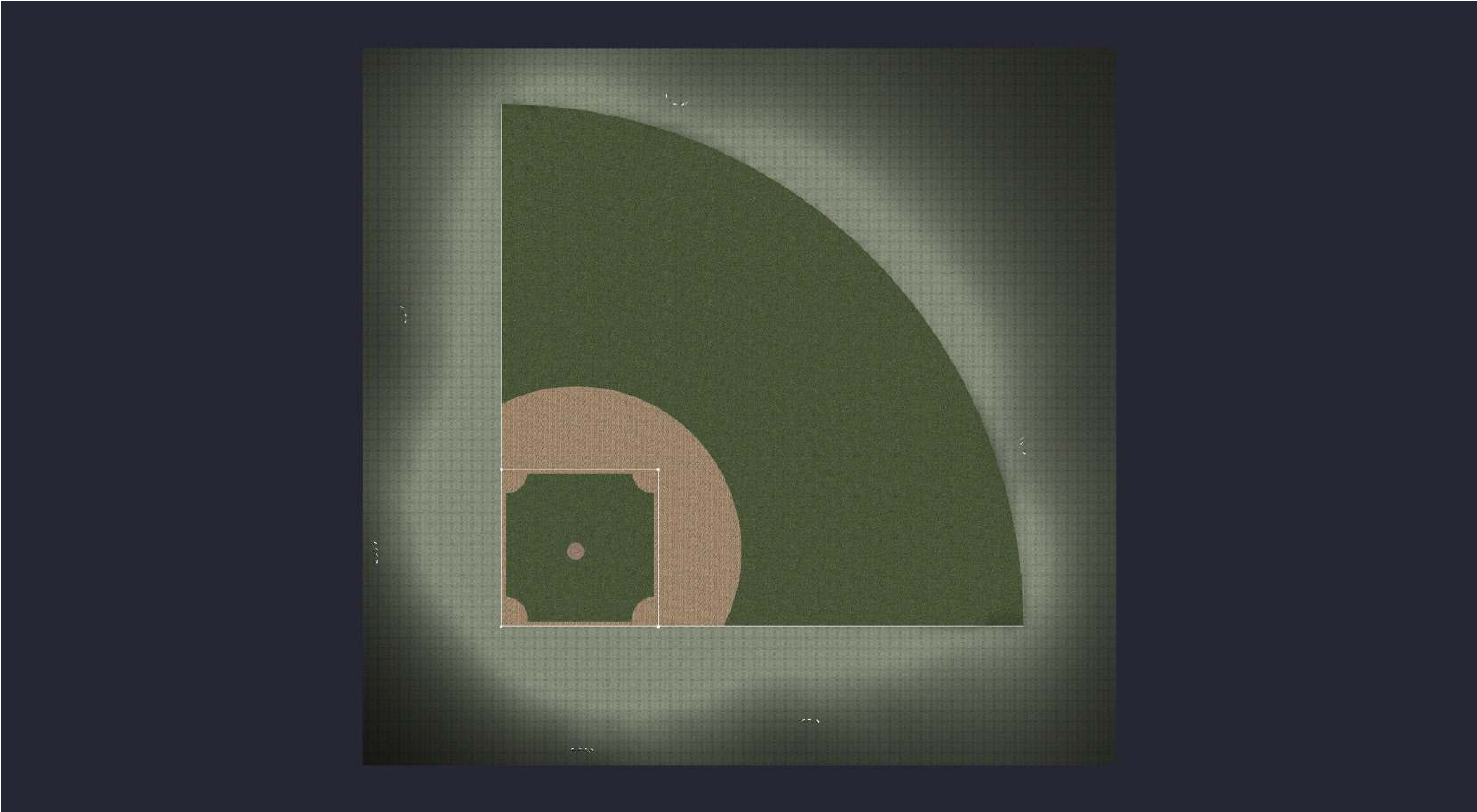
Luminaire Schedule							
Label	Symbol	Qty	LLF	Description	Arrangement	Luminaire Lumens	Luminaire Watts
SP1		38	1.000	Centario Pro 800W 35D	Single	122134	824.79

Calculation Summary						
Label	CalcType	Units	Avg	Max	Min	Max/Min
INFIELD	Illuminance	Fc	53.51	70.2	38.1	1.84
OUTFIELD	Illuminance	Fc	32.50	47.2	16.8	2.81

LIGHTING DETAILS:

Luminaire Location Summary						
		Insertion Point				
LumNo	Label	X	Y	Z	Orient	Tilt
1	SP1	108	283	70	325.443	55.39
2	SP1	283	108	70	125.823	57.691
4	SP1	51.25	-52.75	70	89.424	54.325
5	SP1	-53	46.25	70	3.845	52.495
7	SP1	51.25	-52.75	66	124.765	53.472
8	SP1	53.75	-52.75	70	83.944	52.966
9	SP1	53.75	-52.75	66	75.356	62.998
10	SP1	56.25	-52.75	70	71.339	66.128
11	SP1	56.25	-52.75	66	64.286	62.339
12	SP1	58.75	-52.75	70	54.662	56.681
13	SP1	58.75	-52.75	66	40.022	56.537
24	SP1	175.5	-38	66	36.529	58.381
25	SP1	173	-38	70	66.447	62.624
26	SP1	173	-38	66	91.732	61.598
27	SP1	170.5	-38	70	103.492	63.166
28	SP1	170.5	-38.05	66	111.216	64.14
29	SP1	-53.05	46.25	66	347.46	55.688
30	SP1	-53	48.75	70	10.706	55.083
31	SP1	-53	48.75	66	15.667	63.476
32	SP1	-53	51.25	70	23.75	64.72
33	SP1	-53	51.25	66	31.107	63.937
34	SP1	-53	53.75	70	39.87	58.145
35	SP1	-53	53.75	66	54.462	58.495
52	SP1	105.659	283.878	70	292.122	53.853
53	SP1	105.661	283.9	66	316.321	59.301
54	SP1	103.318	284.756	70	209.298	47.8
55	SP1	103.321	284.728	66	263.918	52.487
56	SP1	100.978	285.633	70	179.548	47.44
59	SP1	284.118	105.764	70	155.577	57.63
60	SP1	284.207	105.708	66	137.044	59.111
61	SP1	285.236	103.528	70	177.209	55.037
62	SP1	285.325	103.522	66	233.313	56.254
63	SP1	286.354	101.292	70	269.236	49.096
65	SP1	-38	173.25	70	29.182	59.318
66	SP1	-38	173.25	66	2.173	59.055
67	SP1	-38	175.75	70	57.825	56.438
75	SP1	-38	170.75	70	346.512	64.039
76	SP1	-38.05	170.75	66	339.386	62.051



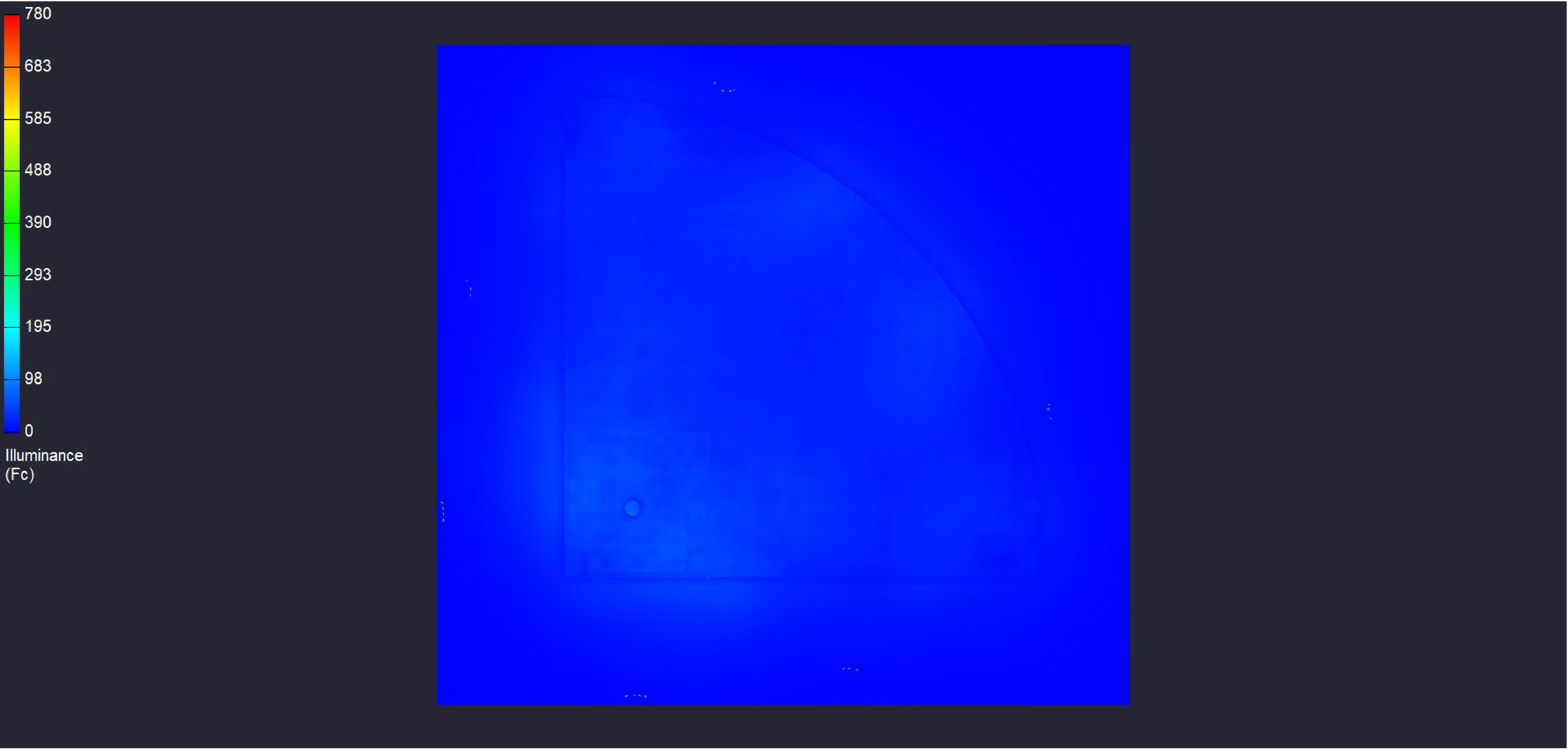


Date:9/9/2025

Drawn By: MS

Revision #:

300' BASELINE 800W 60' MH



Date:9/9/2025

Drawn By: MS

Revision #: