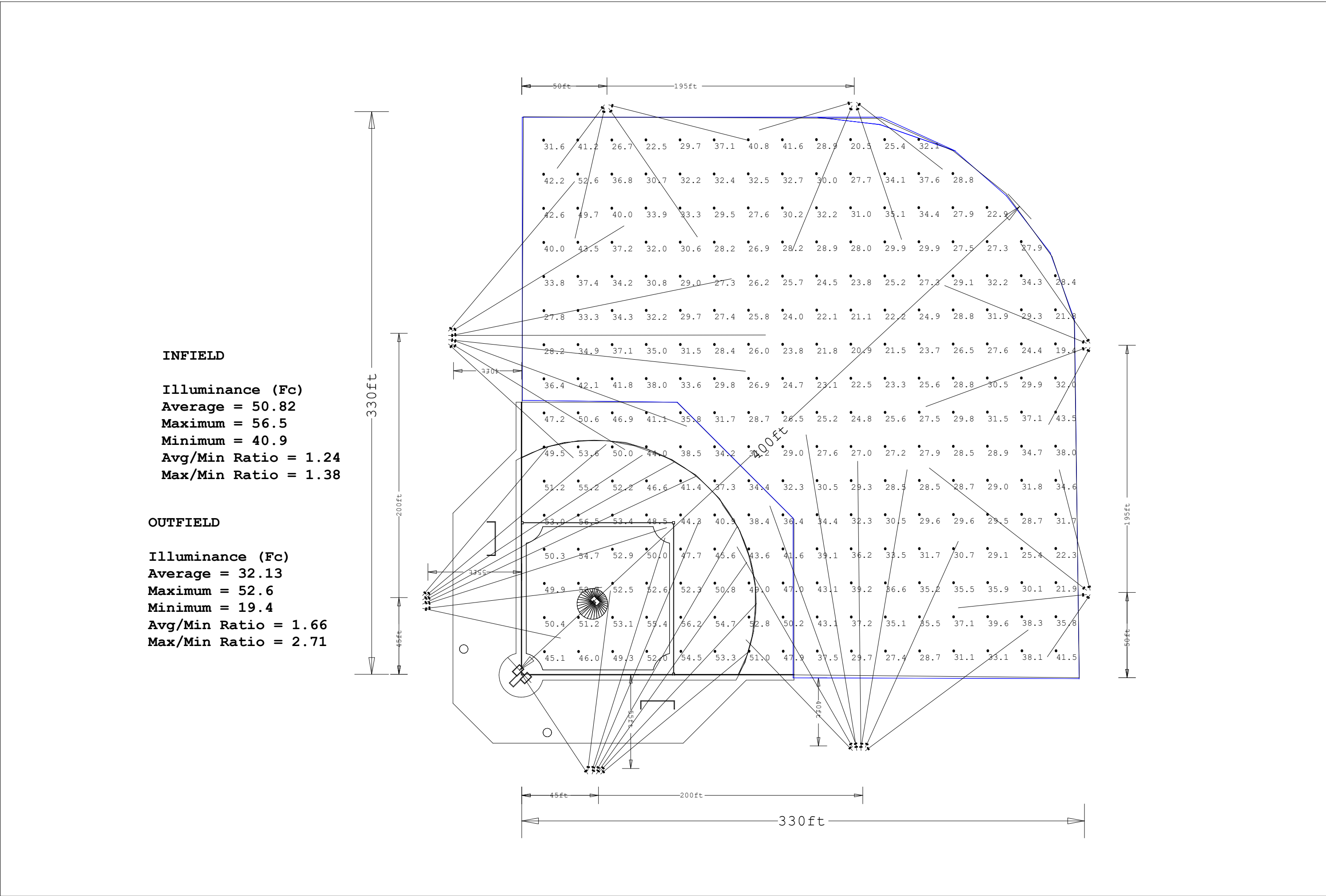




Scale: 1 inch= 50.00 Ft.

LIGHTING DETAILS:

Luminaire Schedule						
Label	Symbol	Qty	LLF	Description	Luminaire Lumens	Luminaire Watts
C1		48	1.000	Centario Pro 800W 35D	122134	824.79

Calculation Summary						
Label	CalcType	Units	Avg	Max	Min	Max/Min
CalcPts_1	Illuminance	Fc	35.09	56.5	19.4	2.91
INFIELD	Illuminance	Fc	50.82	56.5	40.9	1.38
OUTFIELD	Illuminance	Fc	32.13	52.6	19.4	2.71

DESIGN NOTES:

- -
 -
 -
- 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 DESIGN 5-YEAR WARRANTY! MORE EFFICIENT WITH HIGHER LUMENS, TOP-TIER LED DRIVER, AND A NEW SIMPLE FLOOD MOUNT OPTION. THE CENTARIO PRO IS US CERTIFIED - THE FINANCE OF SPORT LIGHTING!

#1 RUGGEDNESS PRO-BOW

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 level can be adjusted through output cable with 0-10V
- ✓ Stadium Fields
- ✓ Gymnasiums
- ✓ Square plazas
- ✓ Bayport, Airport, wharf
- ✓ High mast and Contour lighting, etc.

PRODUCT DIMENSIONS

1466P (16x21x13.4") 4734S (18x18x17") 2700S (20x20x19.4")

LEGENDARY USA SUPPORT

800W CENTARIO PRO | LED SPORT LIGHT

PRODUCT TECHNICAL SPECIFICATIONS

Input Power (Efficiency: 215%)	800W
Color Temperature	5000K
Lumen (Efficiency: 100%)	110000 LM
Efficiency (Efficiency: 3%)	140 LM/W
CRI	>90
Color Consistency	<1% Step (at 1" 800M)
ROHS	RoHS-CE
Distribution Pattern	160° Beam
Beam Angle (20%)(Efficiency: 215%)	35° (90° Beam Included in Box)
Input Voltage and Frequency	120-277VAC, 50/60Hz
PF (Efficiency: 98%)	0.98
THD (Efficiency: 98%)	<20%
Picker Percent	100%
Driver Brand	EPHOS-USA
Driver Model	LED-800W-35D
Driver Output Protection	1.4K VPS, 500V, 1000V
Dimming	0-10V, 0-10V, 0-10V
Control Accessory	Remote Receiver, Photocell, Sensor, Relay, 1000V, 1000V, 1000V
LED Driver	800W-35D
LED Type	LED-800W
LED SMD	0.5mm
Mounting	0.5mm
Mounting Center	0.5mm
Mounting Hole	0.5mm
Waterproof Rating	IP65
Operating Temperature	-40°C to 50°C
Storage Temperature	-40°C to 50°C
Operating Humidity	20% to 90% RH
Storage Humidity	20% to 90% RH
Warranty	5-year warranty with 24/7 operating hours Luminaire Lifetime at 25°C

PRODUCT ACCESSORIES

800W CENTARIO PRO | LED SPORT LIGHT

PRODUCT PACKAGING

Model Type	Lumen Test Weight	Size	Qty/ Carton	Weight/ Carton
Outer box	20kg	1000/800/100mm	1 Pcs	24.5kg

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

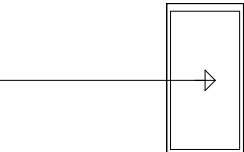
LEGENDARY USA SUPPORT

TYPE C1



RENDERING

LIGHTING DETAILS:

Luminaire Schedule						
Label	Symbol	Qty	LLF	Description	Luminaire Lumens	Luminaire Watts
C1		48	1.000	Centario Pro 800W 35D	122134	824.79

Calculation Summary						
Label	CalcType	Units	Avg	Max	Min	Max/Min
CalcPts_1	Illuminance	Fc	35.09	56.5	19.4	2.91
INFIELD	Illuminance	Fc	50.82	56.5	40.9	1.38
OUTFIELD	Illuminance	Fc	32.13	52.6	19.4	2.71

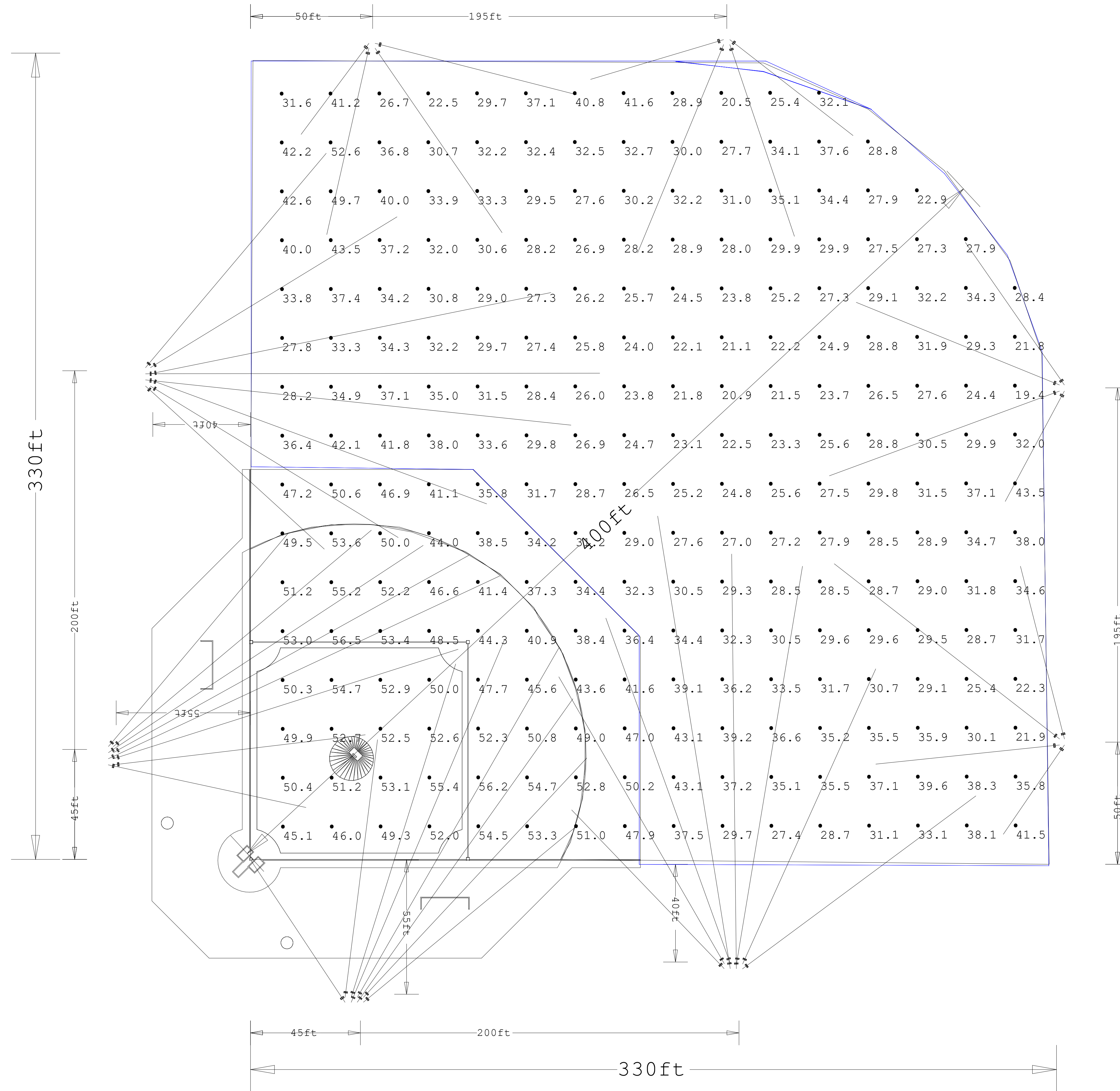
DESIGN NOTES:

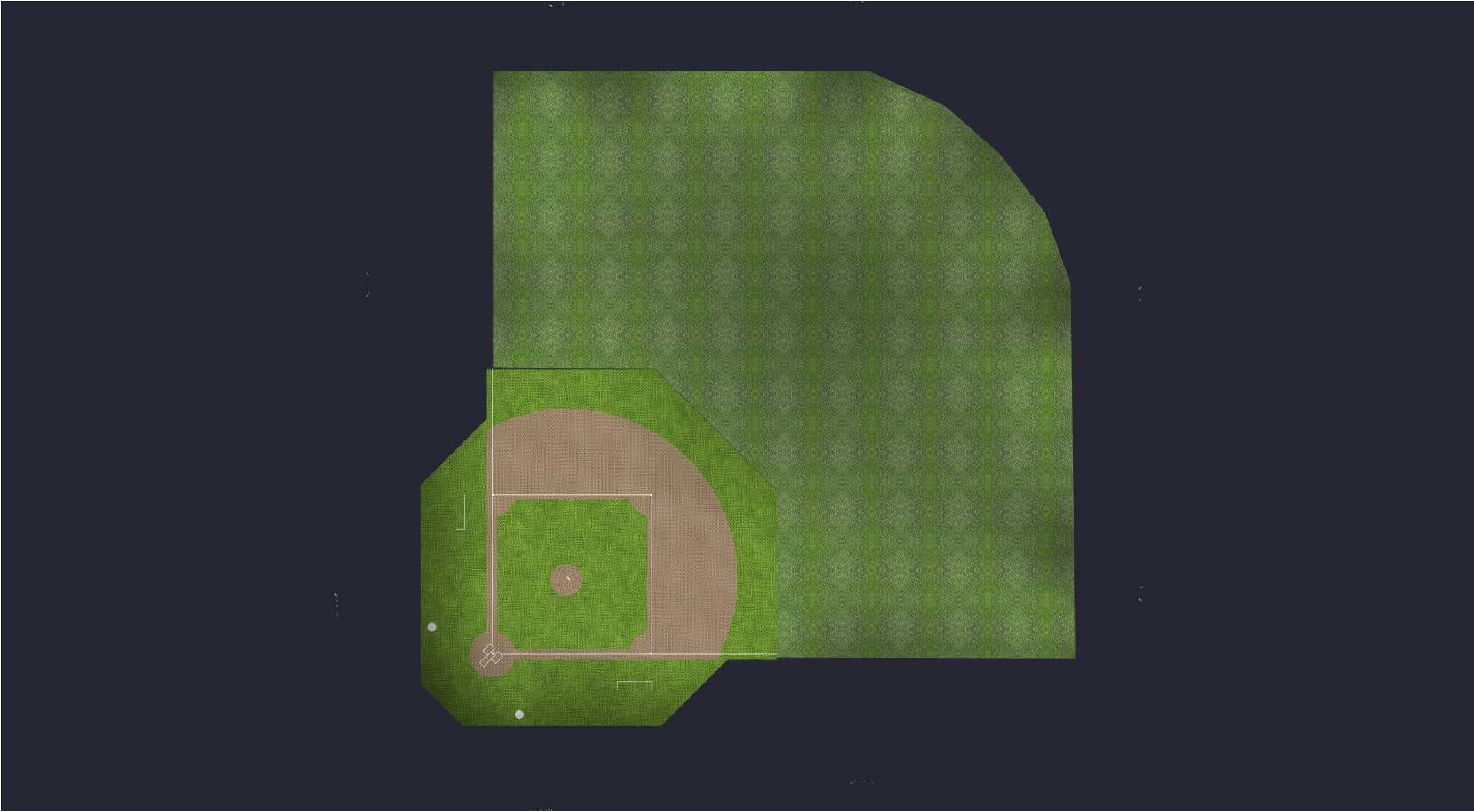
- 1.
- 2.
- 3.
- 4.

Luminaire Location Summary						
		Insertion Point				
LumNo	Label	X	Y	Z	Orient	Tilt
14	C1	136.218	74.523	80	46.948	58.797
15	C1	136.223	72.523	76	39.546	55.8
17	C1	133.718	74.517	80	60.006	63.871
18	C1	133.723	72.517	76	54.603	63.192
20	C1	131.218	74.51	80	72.597	60.437
21	C1	131.223	72.51	76	67.083	64.483
23	C1	128.718	74.504	80	82.824	52.519
24	C1	128.723	72.504	76	123.559	41.651
29	C1	33.85	177.16	80	39.981	59.512
30	C1	31.85	177.185	76	49.867	55.811
31	C1	33.819	174.661	80	29.026	64.08
32	C1	31.819	174.685	76	33.338	63.484
33	C1	33.789	172.161	80	17.616	61.306
34	C1	31.789	172.185	76	25.032	66.504
35	C1	33.758	169.661	80	6.815	51.886
36	C1	31.758	169.685	76	347.851	46.77
38	C1	286.493	88.312	80	109.826	61.663
39	C1	286.439	86.313	76	99.108	67.727
40	C1	288.992	88.244	80	80.578	63.856
41	C1	288.938	86.245	76	90.654	65.629
42	C1	291.491	88.177	80	65.718	58.5
43	C1	291.437	86.177	76	36.543	56.981
50	C1	49	327.25	80	339.775	61.08
51	C1	47	327.25	76	353.94	66.312
52	C1	49	329.75	80	11.461	64.179
53	C1	47	329.75	76	0.077	67.557
54	C1	49	332.25	80	31.441	55.495
55	C1	47	332.25	76	49.859	56.026
63	C1	138.508	463.018	80	257.25	43.605
64	C1	138.512	465.018	76	233.316	30.334
65	C1	141.008	463.013	80	304.548	48.265
66	C1	141.012	465.013	76	345.708	47.563
85	C1	421.257	177.814	80	185.928	42.638
86	C1	423.257	177.816	76	235.632	29.099
87	C1	421.255	180.314	80	142.151	55.136
88	C1	423.255	180.316	76	104.291	43.028
97	C1	283.75	464.5	80	247.535	48.445
98	C1	283.75	466.5	76	196.603	35.829
99	C1	286.25	464.5	80	288.654	45.304
100	C1	286.25	466.5	76	322.145	39.189
108	C1	421.22	325.176	80	157.881	47.672
109	C1	423.22	325.183	76	124.759	42.229
110	C1	421.228	322.676	80	200.204	50.89
111	C1	423.228	322.683	76	241.799	32.954
116	C1	47	324.75	76	317.658	51.95
117	C1	49	324.75	80	328.582	55.623
118	C1	283.939	86.313	76	133.876	49.213
119	C1	283.993	88.312	80	119.978	59.082

Illuminance (Fc)
Average = 50.82
Maximum = 56.5
Minimum = 40.9
Avg/Min Ratio = 1.24
Max/Min Ratio = 1.38

Illuminance (Fc)
Average = 32.13
Maximum = 52.6
Minimum = 19.4
Avg/Min Ratio = 1.66
Max/Min Ratio = 2.71





300' BASELINE 400' OUTFIELD 800W 60/40FTC

Date:9/16/2025
Drawn By: MS
Revision #:

INTFIELD

Illuminance (Fc)
Average = 50.92
Maximum = 56.5
Minimum = 40.9
Avg/Min Ratio = 1.24
Max/Min Ratio = 1.38

OUTFIELD

Illuminance (Fc)
Average = 32.13
Maximum = 52.6
Minimum = 19.4
Avg/Min Ratio = 1.66
Max/Min Ratio = 2.71

