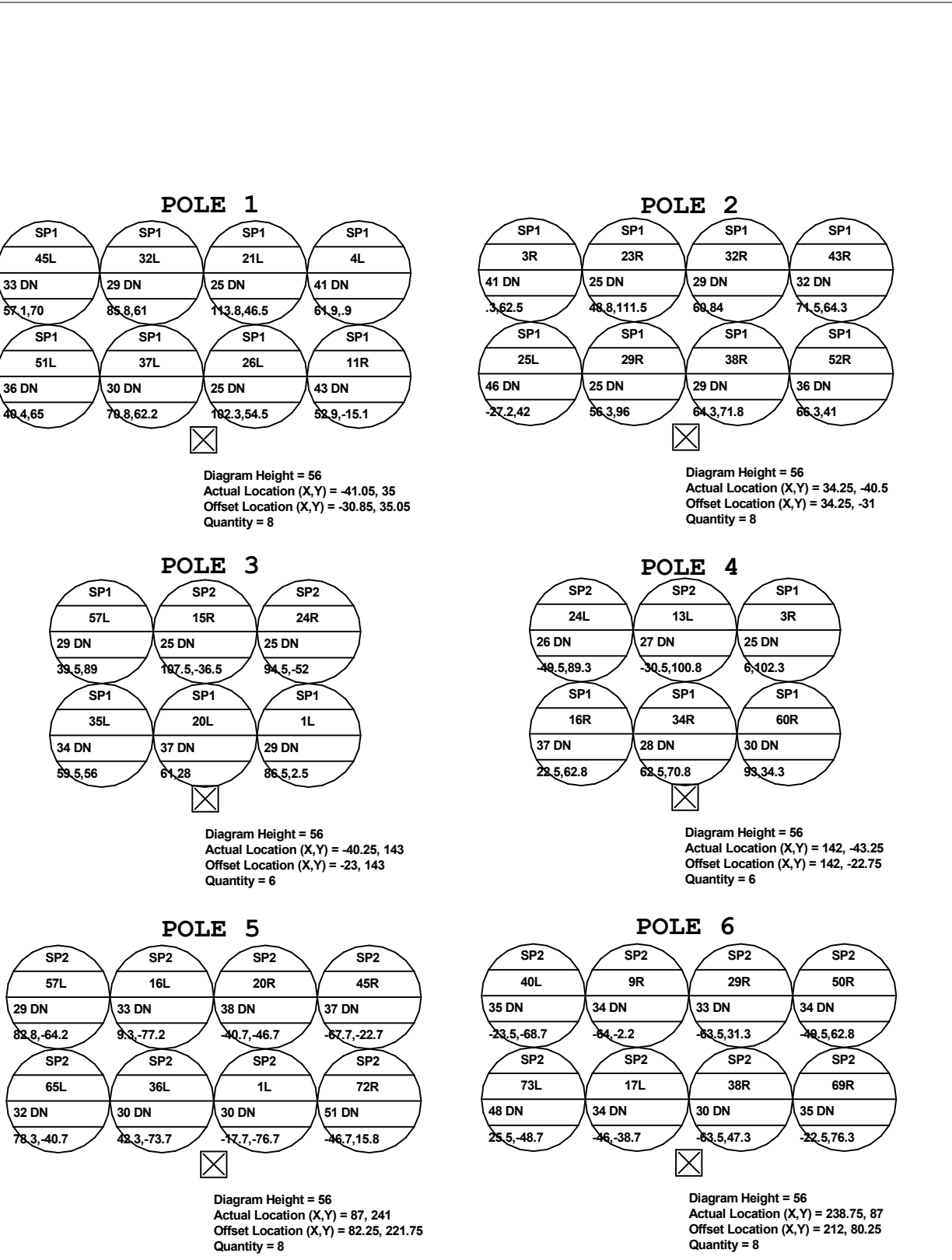
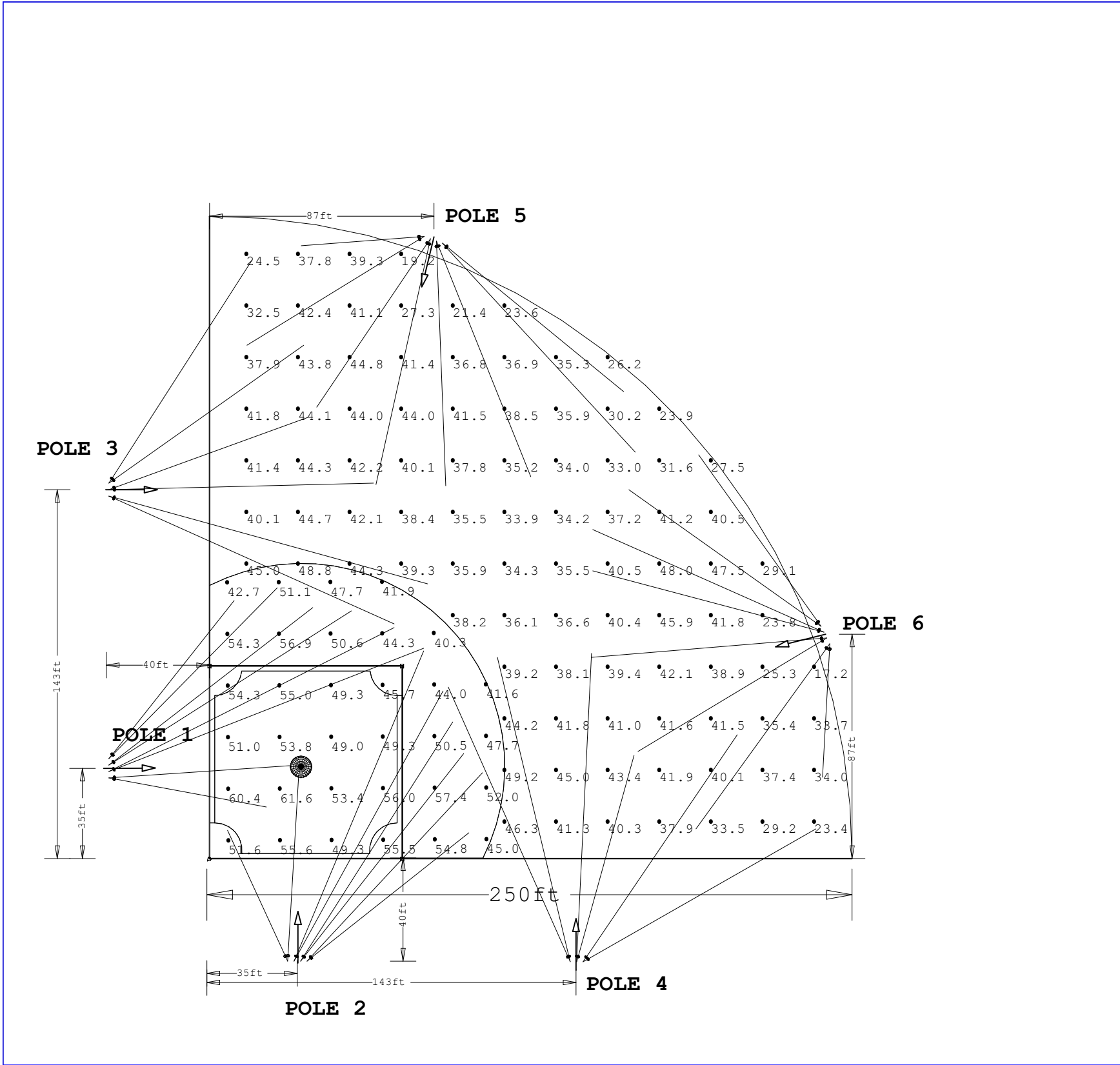
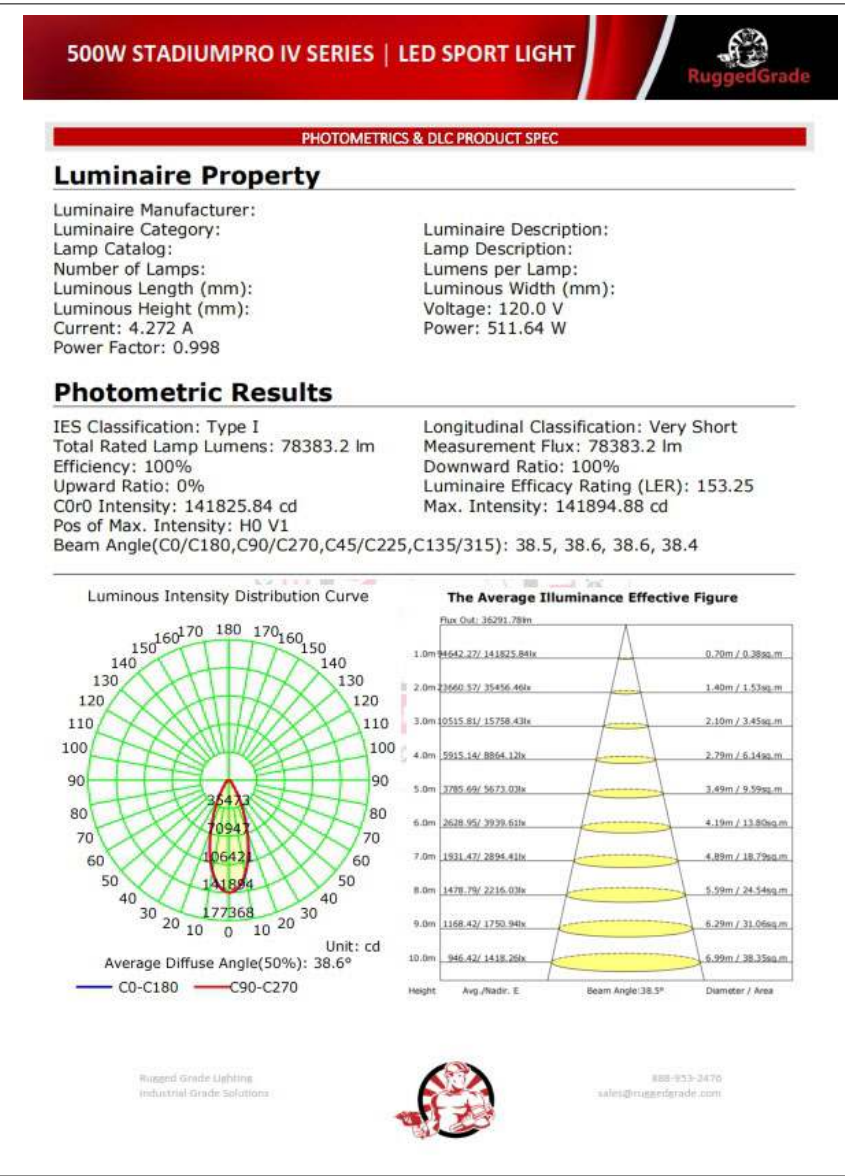
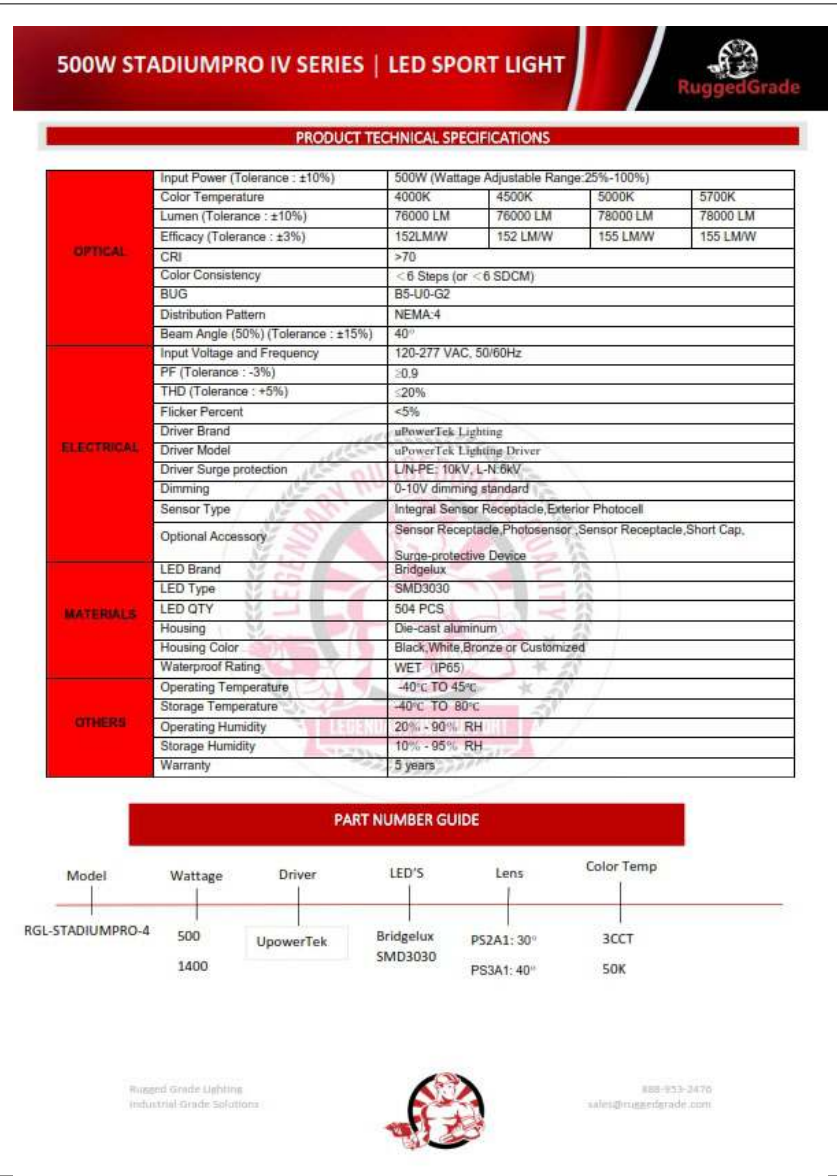




SPEC SHEET & RENDERS



Scale: 1 inch= 48 Ft.

LIGHTING DETAILS:

Luminaire Schedule							
Label	Symbol	Qty	LLF	Description	Arrangement	Luminaire Lumens	Luminaire Watts
SP2		20	1.000	StadiumPro IV 500W 40D	Single	77064	493.64
SP1		24	1.000	StadiumPro IV 500W 30D	Single	76439	493.6

Calculation Summary						
Label	CalcType	Units	Avg	Max	Min	Max/Min
INFIELD	Illuminance	Fc	50.72	61.6	40.3	1.53
OUTFIELD	Illuminance	Fc	37.47	49.2	17.2	2.86

DESIGN NOTES:
1.250' baseline
2. 50/30 target
3.
4.

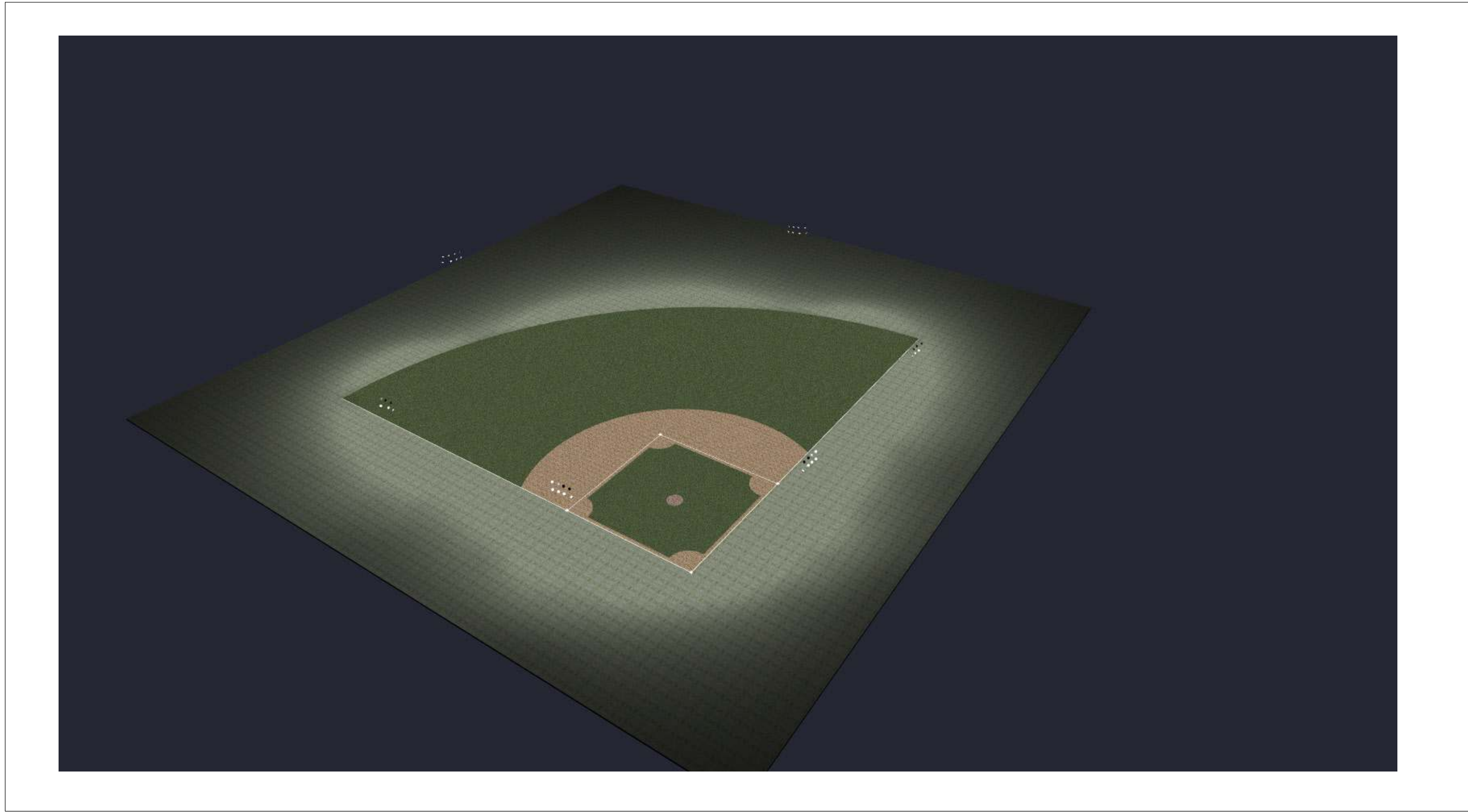
Note on this Design:
This report makes no representations in regard to Lighting Design or Specification, rather it attempts to accurately reflect the photometric results of a design,as approved by others.

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.

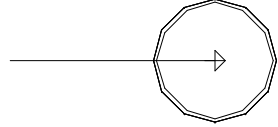
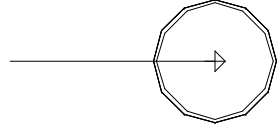
Reflective Values have a significant effect on light levels, the end-user of the document should confirm these values before accepting the results of any photometric report. The managing contractor/architect/engineer is responsible for ensuring compliance to all relevant lighting ordinance(s) and energy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

TYPE SP1



PLAN VIEW

LIGHTING DETAILS:

Luminaire Schedule							
Label	Symbol	Qty	LLF	Description	Arrangement	Luminaire Lumens	Luminaire Watts
SP2		20	1.000	StadiumPro IV 500W 40D	Single	77064	493.64
SP1		24	1.000	StadiumPro IV 500W 30D	Single	76439	493.6

Calculation Summary						
Label	CalcType	Units	Avg	Max	Min	Max/Min
INFIELD	Illuminance	Fc	50.72	61.6	40.3	1.53
OUTFIELD	Illuminance	Fc	37.47	49.2	17.2	2.86

LIGHTING DETAILS:

Luminaire Location Summary						
		Insertion Point				
LumNo	Label	X	Y	Z	Orient	Tilt
1	SP2	90.25	238.5	60	312.702	60.995
2	SP2	237	90	60	144.572	56.141
4	SP1	30.25	-39.75	60	86.586	49.145
5	SP1	-39	31.25	60	3.882	48.644
7	SP1	30.25	-39.75	56	114.614	43.864
8	SP1	32.75	-39.75	60	67.321	64.941
9	SP1	32.75	-39.75	56	61.132	64.539
10	SP1	35.25	-39.75	60	57.539	60.929
11	SP1	35.25	-39.75	56	51.843	60.843
12	SP1	37.75	-39.75	60	47.031	58.462
13	SP1	37.75	-39.75	56	38.408	54.351
23	SP1	144.75	-40	60	29.711	59.512
24	SP1	144.75	-40	56	55.824	61.784
25	SP1	142.25	-40	60	74.457	53.483
26	SP1	142.25	-40	56	87.245	64.544
27	SP2	139.75	-40	60	103.464	63.307
28	SP2	139.75	-39.95	56	113.935	63.931
29	SP1	-39	31.25	56	349.551	46.989
30	SP1	-39	33.75	60	21.375	65.058
31	SP1	-39	33.75	56	26.772	65.303
32	SP1	-39	36.25	60	32.442	61.254
33	SP1	-39	36.25	56	37.674	60.207
34	SP1	-39	38.75	60	45.436	56.598
35	SP1	-39	38.75	56	51.627	53.661
51	SP2	90.252	238.523	56	320.687	57.762
52	SP2	87.909	239.378	60	272.168	57.156
53	SP2	87.911	239.4	56	291.817	59.86
54	SP2	85.568	240.256	60	235.968	51.98
55	SP2	85.571	240.278	56	257.53	59.634
56	SP2	83.228	241.133	60	211.51	52.649
57	SP2	83.23	241.156	56	184.38	39.321
58	SP2	236.989	89.994	56	125.529	54.914
59	SP2	238.118	87.764	60	165.165	56.517
60	SP2	238.107	87.758	56	156.082	59.75
61	SP2	239.236	85.528	60	184.717	56.176
62	SP2	239.225	85.522	56	211.014	56.133
63	SP2	240.354	83.292	60	234.16	55.272
64	SP2	240.343	83.286	56	266.858	41.683
65	SP1	-39	143	60	19.983	53.107
66	SP1	-39	143	56	1.397	60.88
67	SP1	-39	145.5	60	35.322	56.466
68	SP1	-39	145.5	56	57.315	60.939
75	SP2	-39	140.5	60	344.608	64.553
76	SP2	-39	140.5	56	335.869	64.814

