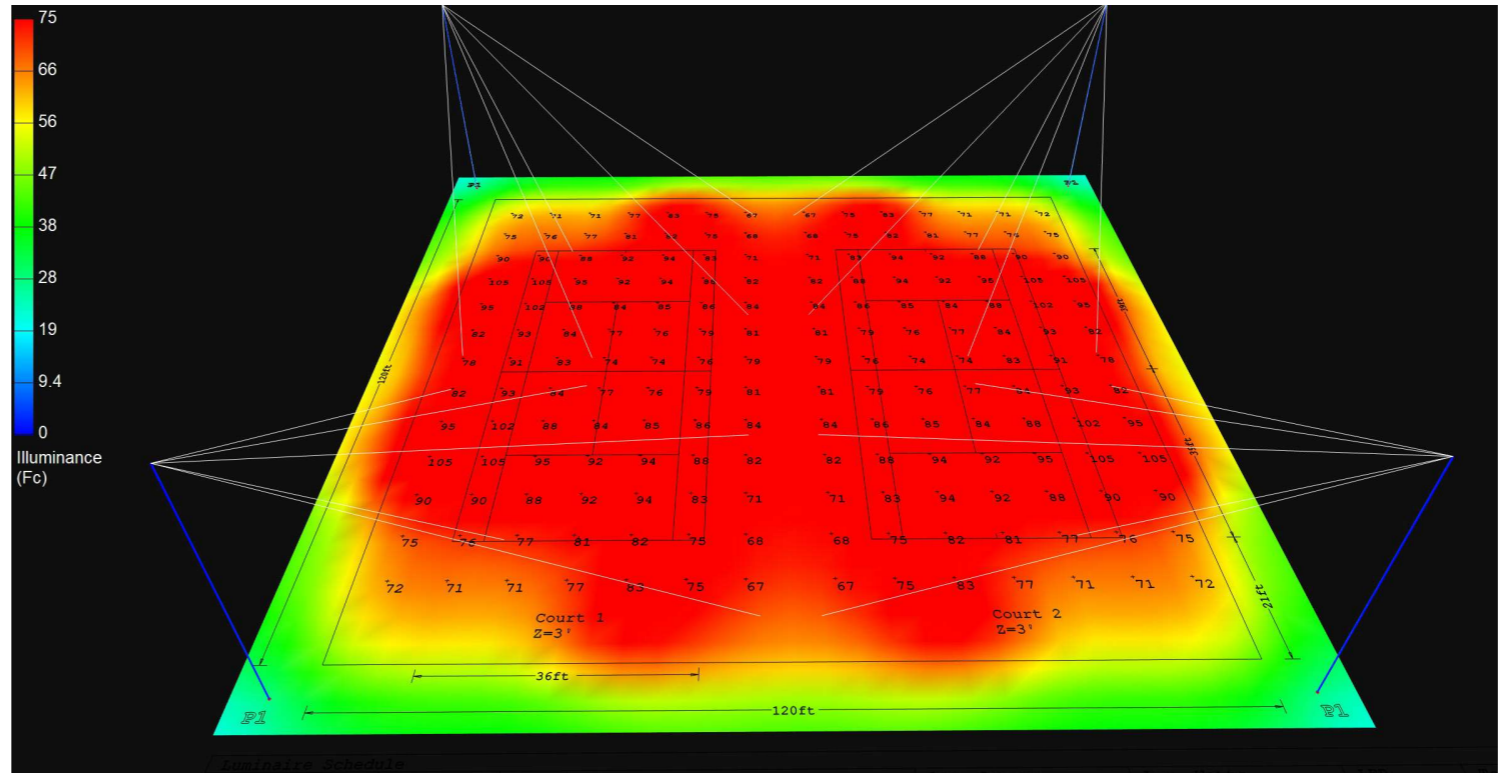
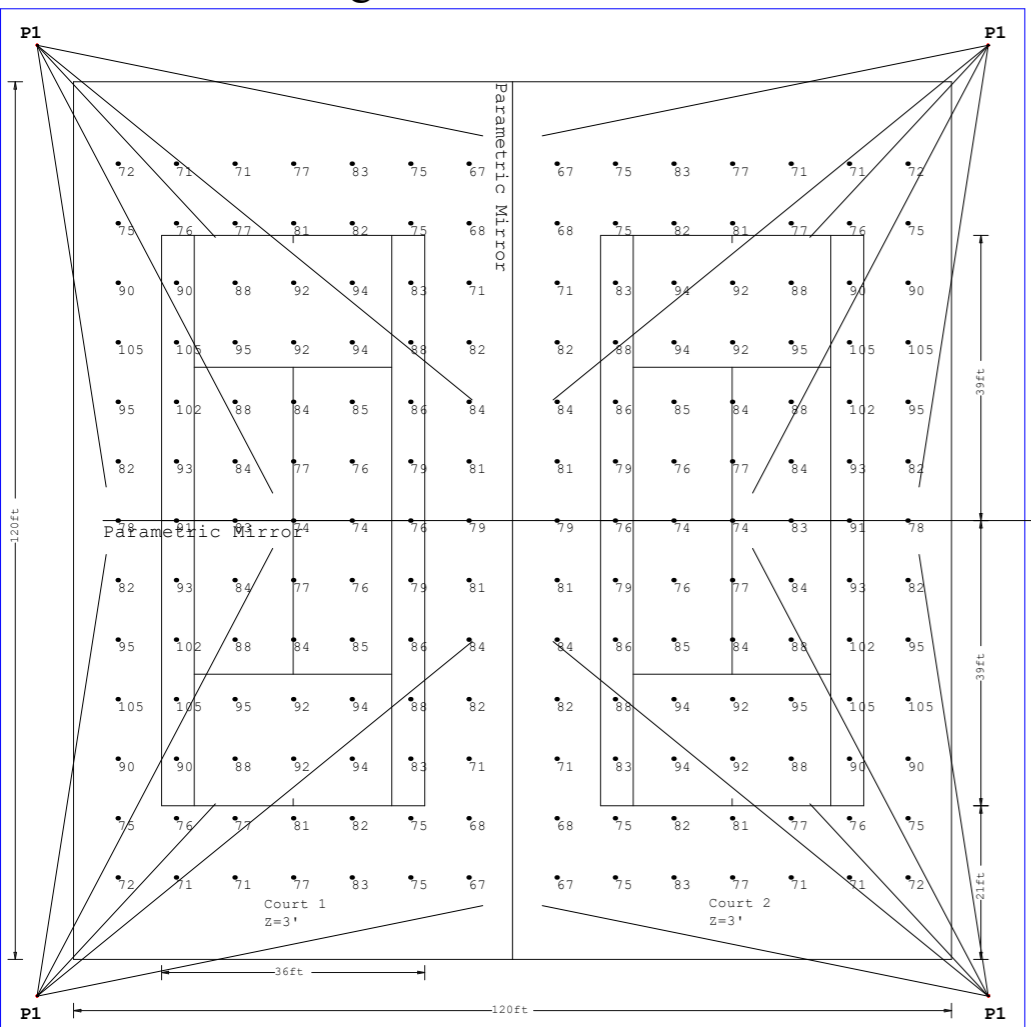




# Design Selector - Tennis

Double Court (120'x120')  
 (20) ZNF-110L-\*\*-50-GS  
 40' Mtg.Ht.  
 Class 2 75fc Average



Symbol	Qty	Description	Lum. Lumens	Lum. Watts	LER	Total Watts	LLF
→	4	ZNF-110L-NF-50-GS	99770	732	136	2928	0.930
→	12	ZNF-110L-MF-50-GS	107073	783	137	9396	0.930
→	4	ZNF-110L-WF-50-GS	97321	783	124	3132	0.930

Label	CalcType	Units	Avg	Max	Min	Max/Min
Court 1 PPA	Illuminance	Fc	83	105	67	1.6
Court 2 PPA	Illuminance	Fc	83	105	67	1.6

LumNo	X	Y	Z	Orient	Tilt
1	-5	-5	40	39.189	62.46
2	-5	125	40	120.811	62.46
3	125	-5	40	140.811	62.46
4	125	125	40	219.189	62.46
5	-5	-5	40	81.117	56.794
6	-5	125	40	278.883	56.794
7	125	-5	40	98.883	56.794
8	125	125	40	261.117	56.794
9	-5	-5	40	11.471	57.243
10	-5	125	40	148.529	57.243
11	125	-5	40	168.529	57.243
12	125	125	40	191.471	57.243
13	-5	-5	40	62.262	59.955
14	-5	125	40	297.738	59.955
15	125	-5	40	117.262	59.955
16	125	125	40	242.262	59.955
17	-5	-5	40	47.161	41.852
18	-5	125	40	132.839	41.852
19	125	-5	40	132.839	41.852
20	125	125	40	227.161	41.852

Based on the information provided, all dimensions and luminaire locations shown represent recommended positions. The engineer and/or architect must determine the applicability of the layout to existing or future field conditions. This lighting plan represents illumination levels calculated from laboratory data taken under controlled conditions in accordance with The Illuminating Engineering Society (IES) approved methods. Actual performance of any manufacturer's luminaires may vary due to changes in electrical voltage, tolerance in lamps/LED's and other variable field conditions.

Calculations do not include obstructions such as buildings, curbs, landscaping, or any other architectural elements unless noted. Fixture nomenclature noted does not include mounting hardware or poles. This drawing is for photometric evaluation purposes only and should not be used as a construction document or as a final document for ordering product.