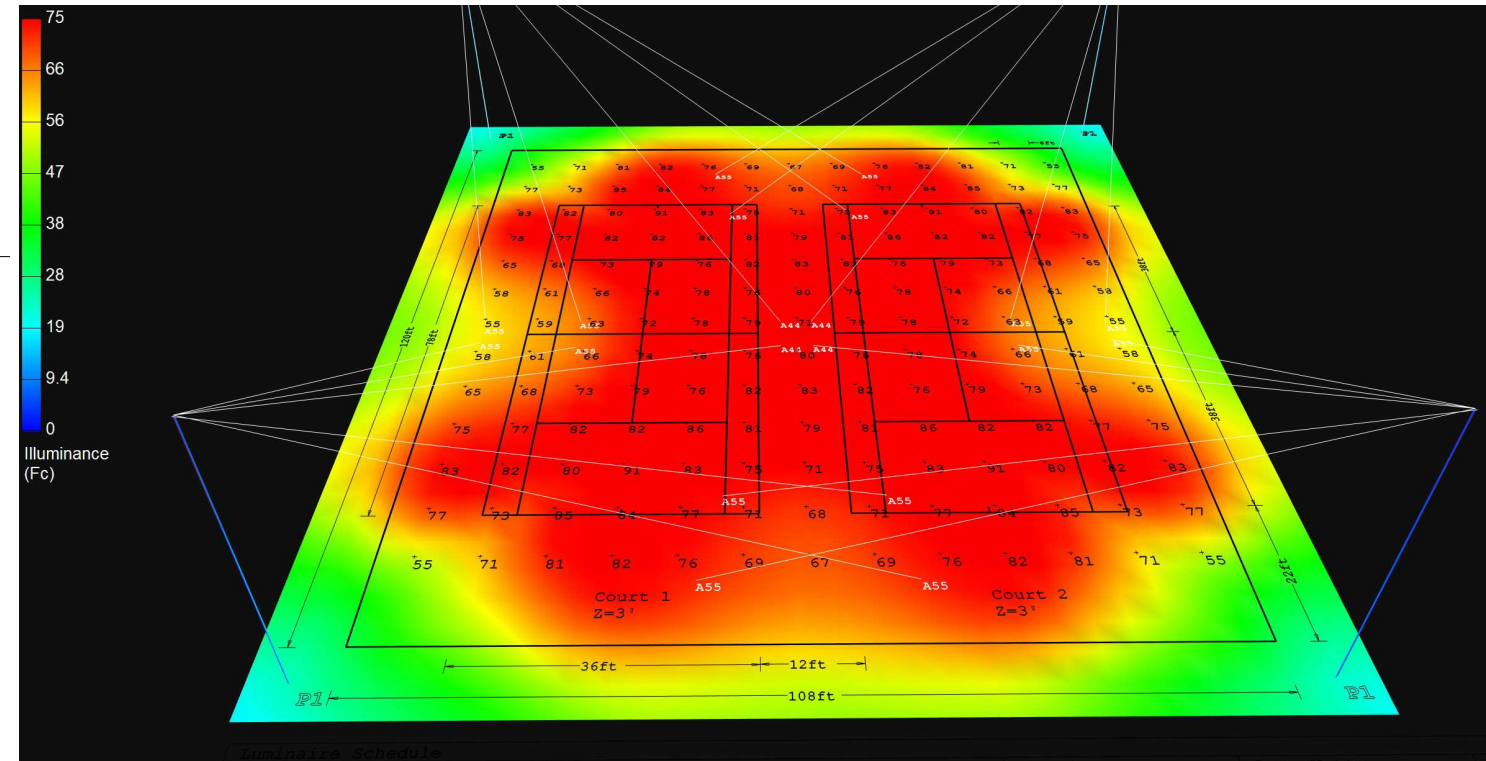
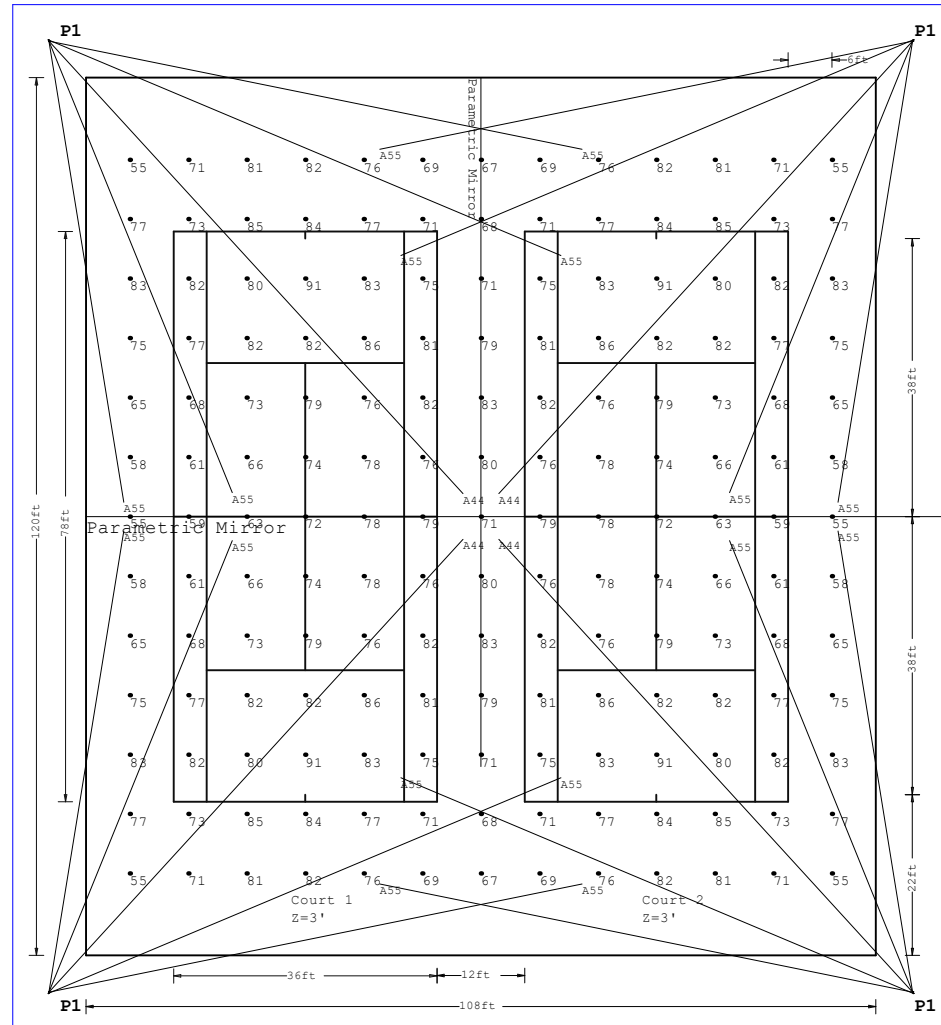




Design Selector - Tennis

Double Court (108'x120')
 (20) ZNF-110L-MF/MWF-50-GS Fixtures
 40' Mtg.Ht.
 Class 2 75fc Average



Luminaire Schedule							
Symbol	Qty	Description	Lum. Lumens	Lum. Watts	LER	Total Watts	LLF
↔	4	ZNF-110L-MF-50-GS	107073	783	137	3132	0.930
↔	16	ZNF-110L-MWF-50-GS	102030	783	130	12528	0.930

Calculation Summary						
Label	CalcType	Units	Avg	Max	Min	Max/Min
Court 1 PFA	Illuminance	Fc	75	91	55	1.7
Court 2 PFA	Illuminance	Fc	75	91	55	1.7

Luminaire Location Summary					
LumNo	X	Y	Z	Orient	Tilt
1	-5	-5	40	87.365	64.497
2	113	-5	40	132.455	64.497
3	-5	125	40	312.455	64.497
4	113	125	40	227.545	64.497
5	-5	-5	40	80.778	57.936
6	113	-5	40	99.222	57.936
7	-5	125	40	279.222	57.936
8	113	125	40	260.778	57.936
9	-5	-5	40	87.903	59.016
10	113	-5	40	112.093	59.016
11	-5	125	40	292.097	59.016
12	113	125	40	247.903	59.016
13	-5	-5	40	22.839	62.248
14	113	-5	40	157.161	62.248
15	-5	125	40	337.161	62.248
16	113	125	40	202.839	62.248
17	-5	-5	40	11.458	61.724
18	113	-5	40	108.542	61.724
19	-5	125	40	348.542	61.724
20	113	125	40	191.458	61.724

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.