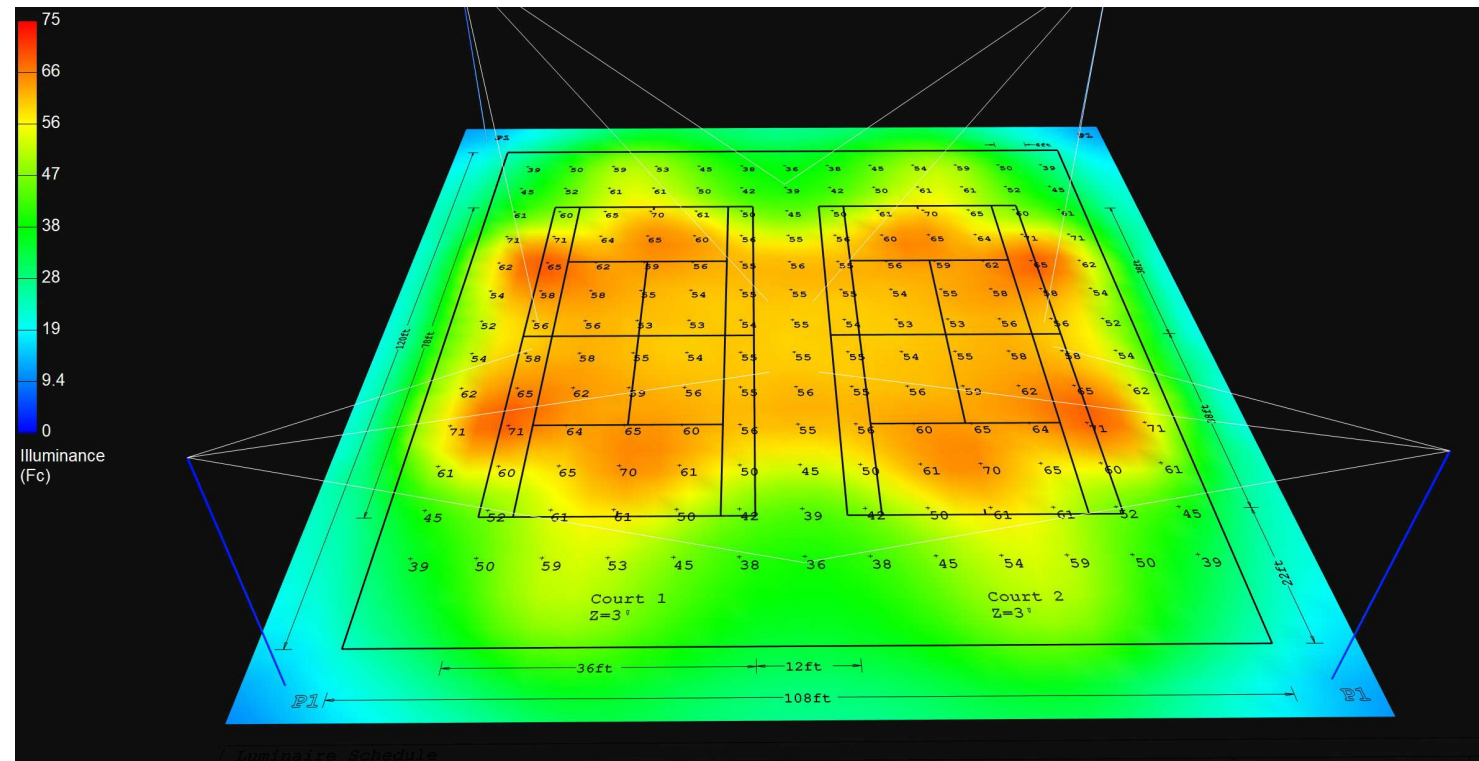
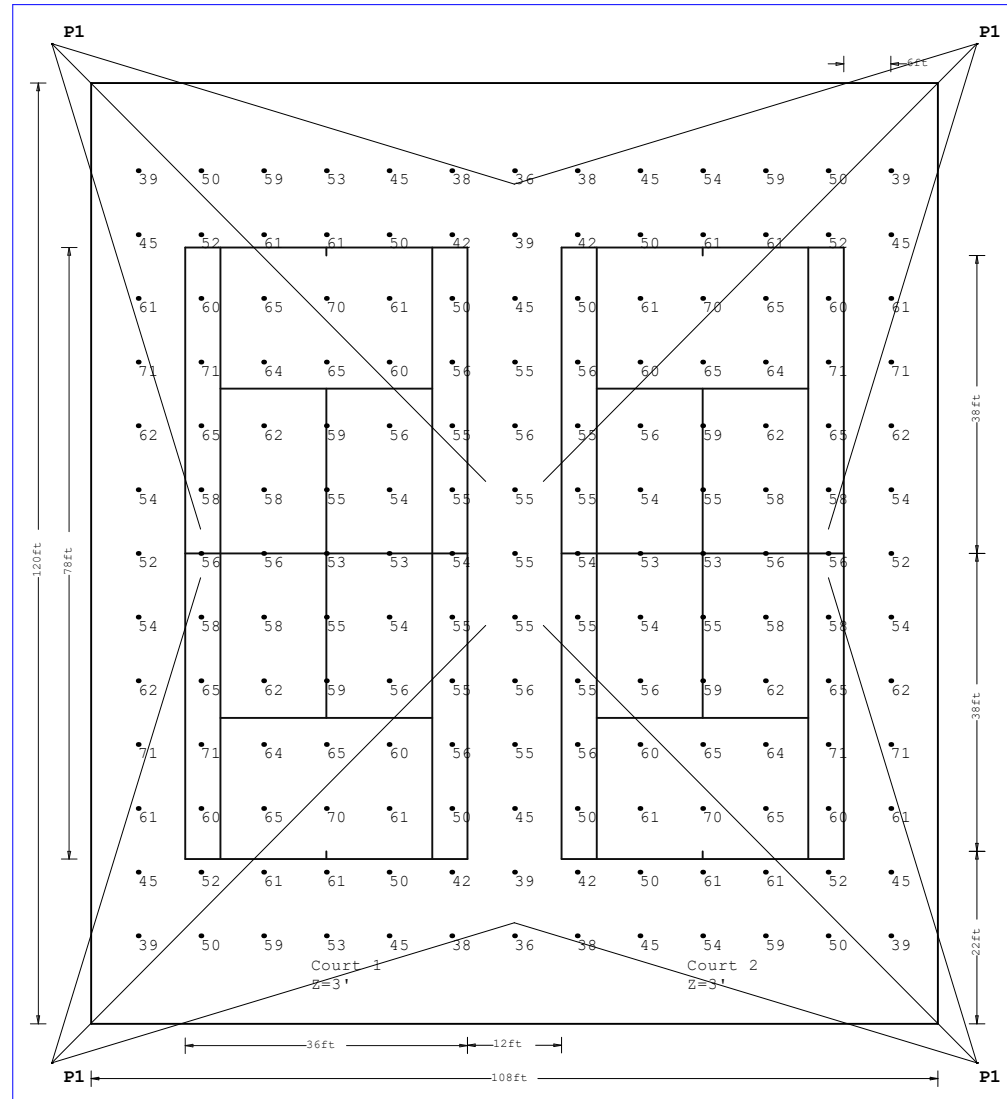




# Design Selector - Tennis

Double Court (108'x120')  
 (12) ZNF-110L-MF/MWF-50-GS Fixtures  
 35' Mtg.Ht.  
 Class 3 50fc Average



Luminaire Schedule							
Symbol	Qty	Description	Lum. Lumens	Lum. Watts	LER	Total Watts	LLF
↔	8	ZNF-110L-MF-50-GS	107073	783	137	6264	0.930
↔	4	ZNF-110L-MWF-50-GS	102030	783	130	3132	0.930

Calculation Summary						
Label	CalcType	Units	Avg	Max	Min	Max/Min
Court 1 PFA	Illuminance	Fc	55	71	36	2.0
Court 2 PFA	Illuminance	Fc	55	71	36	2.0

Luminaire Location Summary						
LumNo	X	Y	Z	Orient	Tilt	
1	-5	-5	35	45.254	65.994	
2	-5	125	35	314.746	65.994	
3	-5	-5	35	72.966	61.6	
4	-5	125	35	287.034	61.6	
5	113	-5	35	134.746	65.994	
6	113	125	35	225.254	65.994	
7	113	-5	35	197.034	61.6	
8	113	125	35	252.966	61.6	
9	-5	-5	35	16.871	60.425	
10	113	-5	35	163.139	60.425	
11	-5	125	35	343.129	60.425	
12	113	125	35	196.871	60.425	

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.