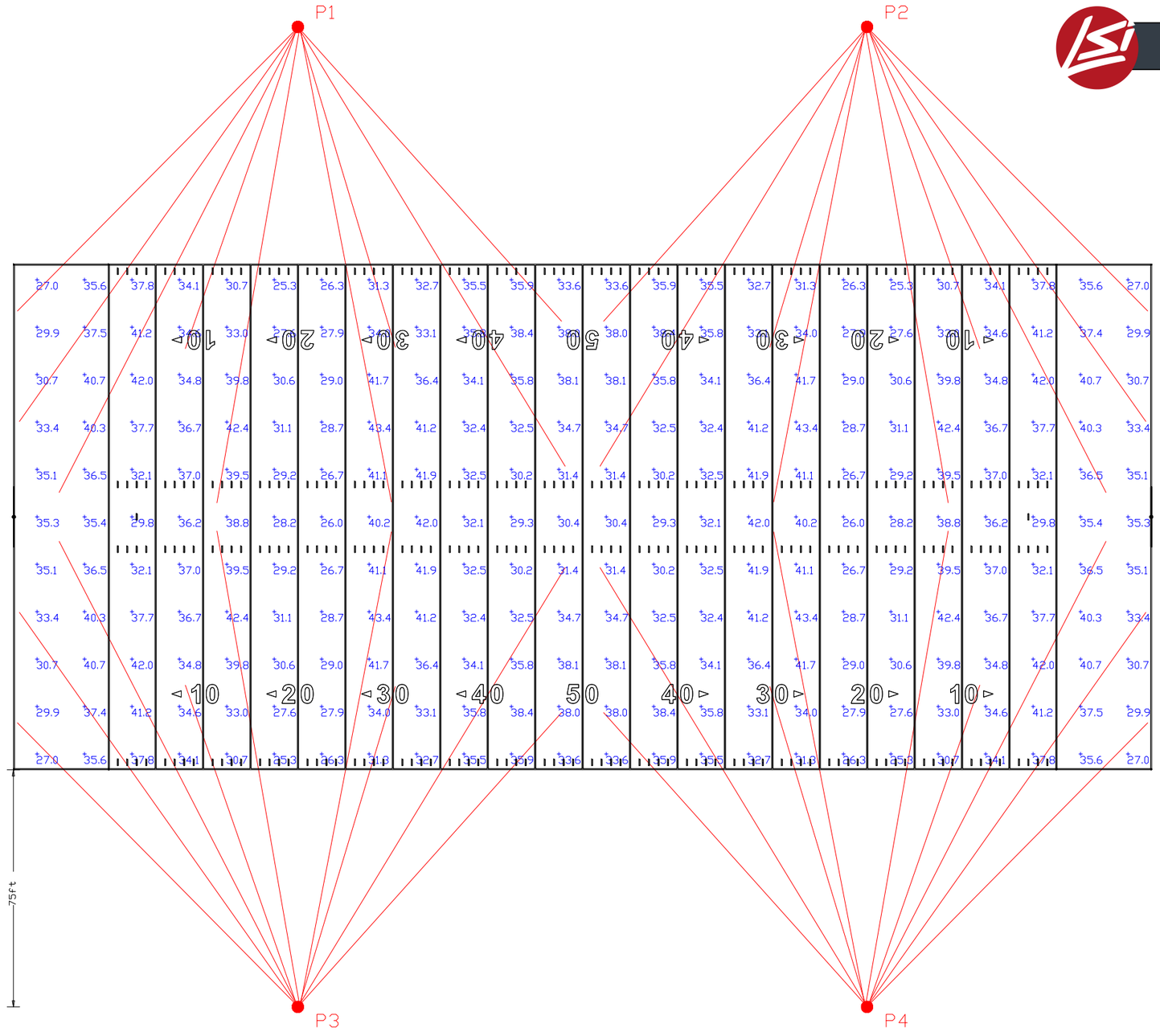
Design Selector - Football

Football
4 POLES 70'High
75' Pole Setback
Class 3: 30FC



Project Name:	FB-4P-70H-75SB-30AVG
TDS Project Number	163195
Date:	

POLE#	#POLES	Pole Height	Fixture	Qty/Pole	Total Fixtures	Watts/Fixture	Total Watts	Total KW
P1	1	70'	ZNF-110L-VNF-50-GS	3	3	732	2,196	2.20
			ZNF-110L-NF-50-GS	4	4	732	2,928	2.93
			ZNF-110L-MF-50-GS	2	2	783	1,566	1.57
					9		6,690	6.69
P2	1	70'	ZNF-110L-VNF-50-GS	3	3	732	2,196	2.20
			ZNF-110L-NF-50-GS	4	4	732	2,928	2.93
			ZNF-110L-MF-50-GS	2	2	783	1,566	1.57
					9		6,690	6.69
P3	1	70'	ZNF-110L-VNF-50-GS	3	3	732	2,196	2.20
			ZNF-110L-NF-50-GS	4	4	732	2,928	2.93
			ZNF-110L-MF-50-GS	2	2	783	1,566	1.57
					9		6,690	6.69
P4	1	70'	ZNF-110L-VNF-50-GS	3	3	732	2,196	2.20
			ZNF-110L-NF-50-GS	4	4	732	2,928	2.93
			ZNF-110L-MF-50-GS	2	2	783	1,566	1.57
					9		6,690	6.69
TOTALS	4				36		26,760	26.76

Final Aiming Diagram, Racking Diagram, and Calculations Furnished upon Receipt of a released order.

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PHOTOMETRIC EVALUATION
NOT FOR CONSTRUCTION

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.

The IES no longer uses the Cutoff Classification System for LED fixtures. The IES classifies LED fixtures with the BUG rating which refers to the Backlight-Uplight-Glare system. An Uplight of "U0" most closely matches the old Full Cutoff rating.

Calculation Summary								
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min	Grid Z
SUMMARY	Illuminance	Fc	35	43.4	25.3	1.4	1.7	3

Luminaire Schedule							
Symbol	Qty	Label	Arrangement	Description	LLF	Arr. Lum. Lumens	Arr. Watts
	12	A22	SINGLE	ZNF-110L-VNF-50-GS	0.930	107716	732
	16	A33	SINGLE	ZNF-110L-NF-50-GS	0.930	99770	732
	8	A44	SINGLE	ZNF-110L-MF-50-GS	0.930	107073	783

Maintained Illumination Levels at 3' Above Grade.
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Dimensions of drawings that have been scaled or converted from PDF files or scanned /submitted images are approximate.

Total Project Watts
Total Watts = 26760

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LIGHTING PROPOSAL LO-163195

FB-4P-70H-75SB-30AVG

BY:THC	DATE:	REV:	SHEET 1 OF 1

SCALE: 1"=40' ARCH B

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