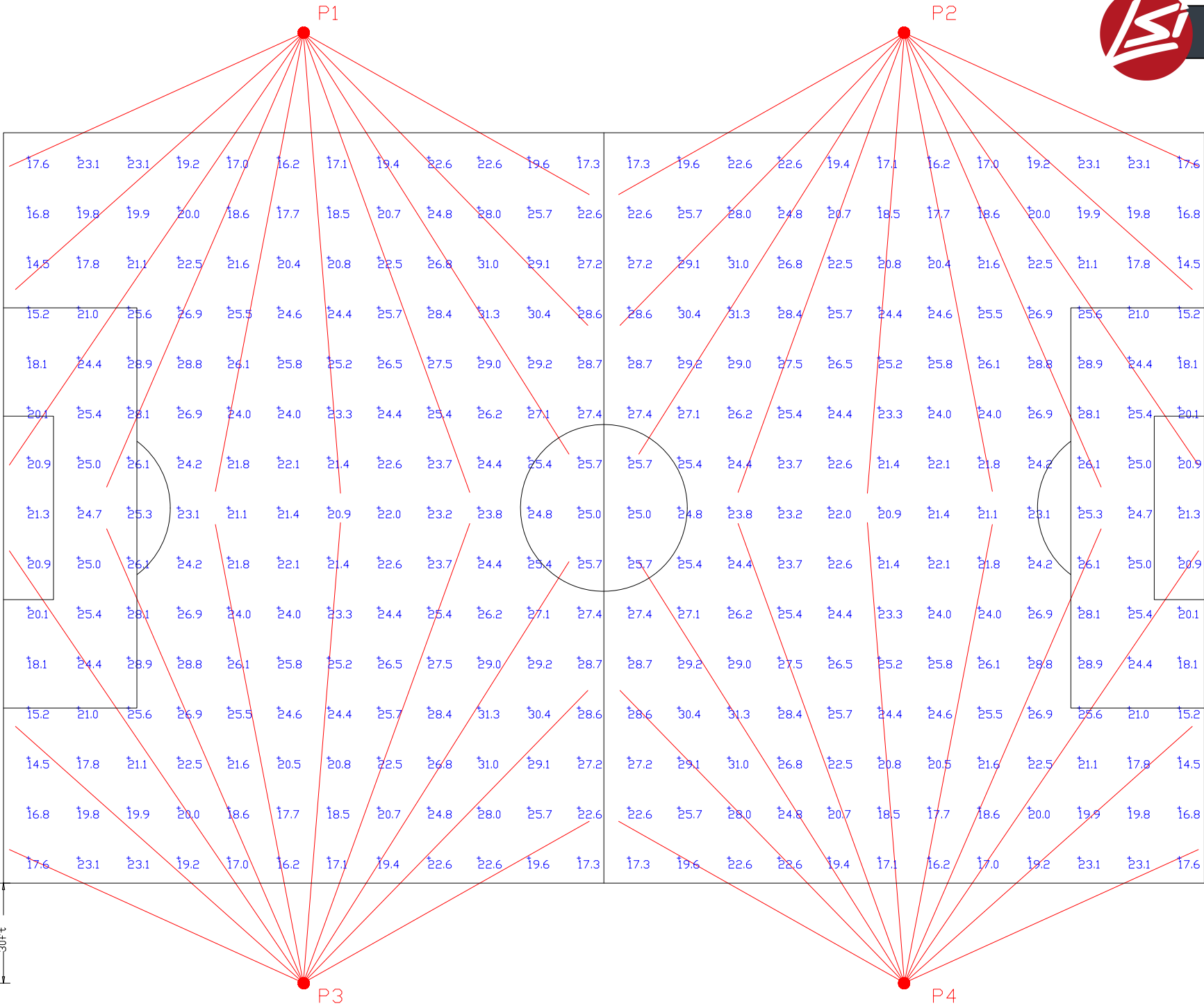




Design Selector - Soccer



Soccer 360' x 225'
4 POLES 70'High
30' Pole Setback
Class 4: 20FC



Project Name: SOC-360x225-4P-70H-30SB-20AVG_summary
TDS Project Number 163196
Date:

POLE#	#POLES	Pole Height	Fixture	Qty/Pole	Total Fixtures	Watts/Fixture	Total Watts	Total KW
P1	1	70'	ZNF-90L-NF-50-GS	2	2	532	1,064	1.06
			ZNF-90L-MF-50-GS	6	6	584	3,504	3.50
			ZNF-90L-MWF-50-GS	2	2	584	1,168	1.17
					10	5,736	5.74	
P2	1	70'	ZNF-90L-NF-50-GS	2	2	532	1,064	1.06
			ZNF-90L-MF-50-GS	6	6	584	3,504	3.50
			ZNF-90L-MWF-50-GS	2	2	584	1,168	1.17
					10	5,736	5.74	
P3	1	70'	ZNF-90L-NF-50-GS	2	2	532	1,064	1.06
			ZNF-90L-MF-50-GS	6	6	584	3,504	3.50
			ZNF-90L-MWF-50-GS	2	2	584	1,168	1.17
					10	5,736	5.74	
P4	1	70'	ZNF-90L-NF-50-GS	2	2	532	1,064	1.06
			ZNF-90L-MF-50-GS	6	6	584	3,504	3.50
			ZNF-90L-MWF-50-GS	2	2	584	1,168	1.17
					10	5,736	5.74	
TOTALS		4			40	22,944	22.94	

Final Aiming Diagram, Racking Diagram, and Calculations Furnished upon Receipt of a released order.
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Calculation Summary								
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min	Grid Z
SUMMARY	Illuminance	Fc	23	31.3	14.5	1.6	2.2	3

Luminaire Schedule							
Symbol	Qty	Label	Arrangement	Description	LLF	Arr. Lum. Lumens	Arr. Watts
↗	8	B33	SINGLE	ZNF-90L-NF-50-GS	0.930	77855	532
↘	24	B44	SINGLE	ZNF-90L-MF-50-GS	0.930	85547	584
↖	8	B55	SINGLE	ZNF-90L-MWF-50-GS	0.930	81518	584

Maintained Illumination Levels at 3' Above Grade.
Final Aiming Diagram, Racking Diagram, and Calculations Furnished upon Receipt of a released order.

Dimensions of drawings that have been scaled or converted from PDF files or scanned /submitted images are approximate.

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 "100" most closely matches the old Full Cutoff rating.

Total Project Watts
Total Watts = 22944



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LIGHTING PROPOSAL

LD-163196

SDC-360x225-4P-70H-30SB-20AVG

BY:THC

DATE:

REV:

SHEET 1 OF 1

SCALE: 1"=40' ARCH B

0

40