



Design Selector - Softball/Baseball



ZNF

Softball/Baseball - 60' BASELINES
300' HOME PLATE TO CENTER FIELD
6 POLES
Class 4: 30FC-INFIELD 20FC-OUTFIELD

Project Name: SB_BB-60BL-300OF-6P-506070H-3020AVG
TDS Project Number 163193
Date:

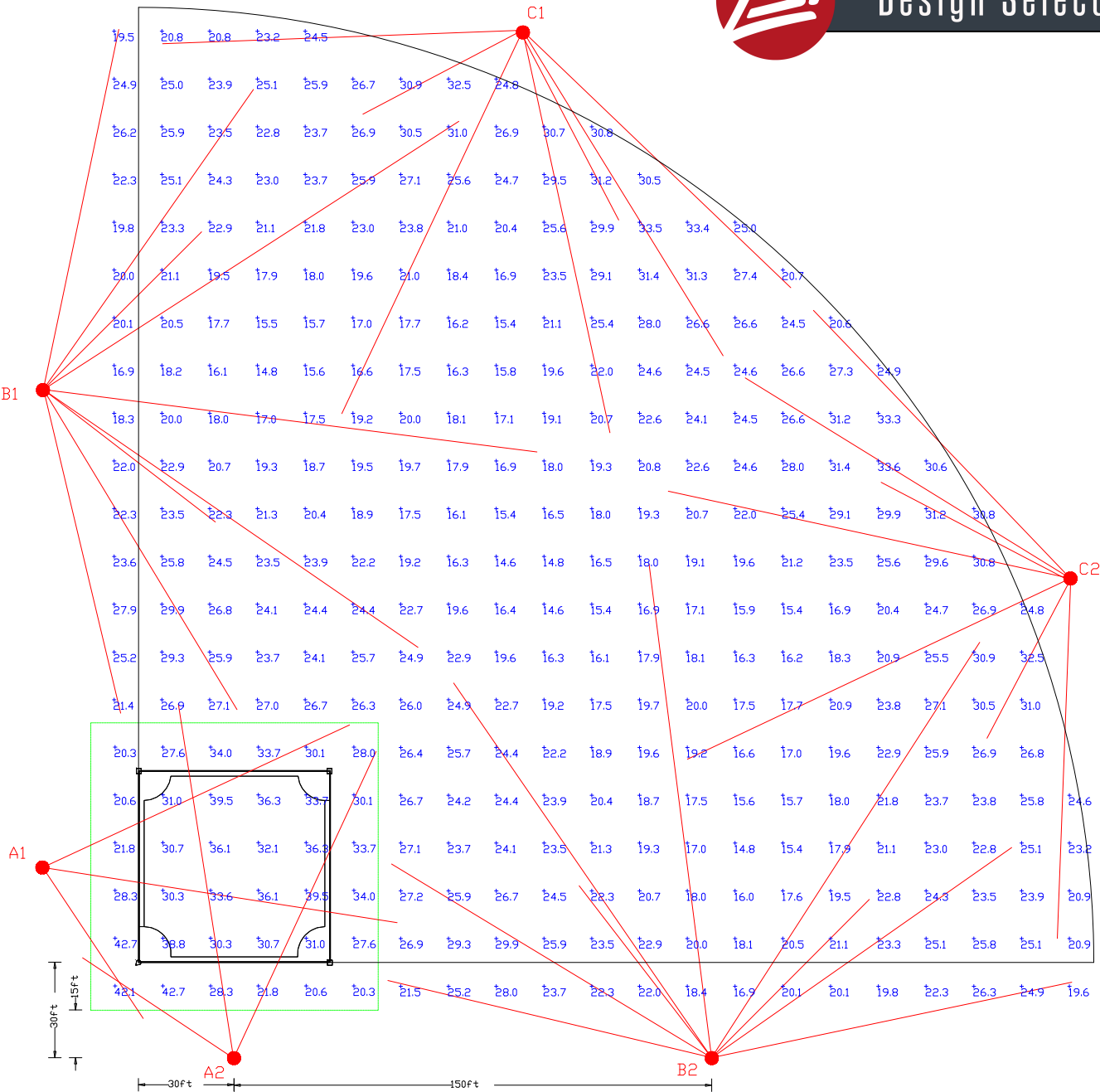
POLE#	#POLES	Pole Height	Fixture	Qty/Pole	Total Fixtures	Watts/Fixture	Total Watts	Total KW
A1	1	50'	ZNF-90L-MF-50-GS	2	2	584	1,168	1.17
			ZNF-90L-MVVF-50-GS	1	1	584	584	0.58
						3	1,752	1.75
A2	1	50'	ZNF-90L-MF-50-GS	2	2	584	1,168	1.17
			ZNF-90L-MVVF-50-GS	1	1	584	584	0.58
						3	1,752	1.75
B1	1	70'	ZNF-90L-NF-50-GS	4	4	532	2,128	2.13
			ZNF-90L-MF-50-GS	3	3	584	1,752	1.75
			ZNF-90L-MVVF-50-GS	2	2	584	1,168	1.17
						9	5,048	5.05
B2	1	70'	ZNF-90L-NF-50-GS	4	4	532	2,128	2.13
			ZNF-90L-MF-50-GS	3	3	584	1,752	1.75
			ZNF-90L-MVVF-50-GS	2	2	584	1,168	1.17
						9	5,048	5.05
C1	1	60'	ZNF-90L-MF-50-GS	5	5	584	2,920	2.92
			ZNF-90L-MVVF-50-GS	2	2	584	1,168	1.17
						7	4,088	4.09
C2	1	60'	ZNF-90L-MF-50-GS	5	5	584	2,920	2.92
			ZNF-90L-MVVF-50-GS	2	2	584	1,168	1.17
						7	4,088	4.09
TOTALS				6	38		21,776	21.78

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

Calculation Summary								
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min	Grid Z
INFIELD	Illuminance	Fc	32	42.7	20.3	1.6	2.1	3
OUTFIELD	Illuminance	Fc	23	33.6	14.6	1.6	2.3	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	
➡➡	20	B44	SINGLE	ZNF-90L-MF-50-GS	0.930	85547	584	
➡➡➡	10	B55	SINGLE	ZNF-90L-MVF-50-GS	0.930	81518	584	

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 = 21776



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LIGHTING PROPOSAL LD-163193

SB_BB-60BL-3000F-6P-506070H-3020AVG

BY:THC	DATE:	REV:	SHEET 1 OF 1
SCALE: 1"=50' ARCH B		0	50