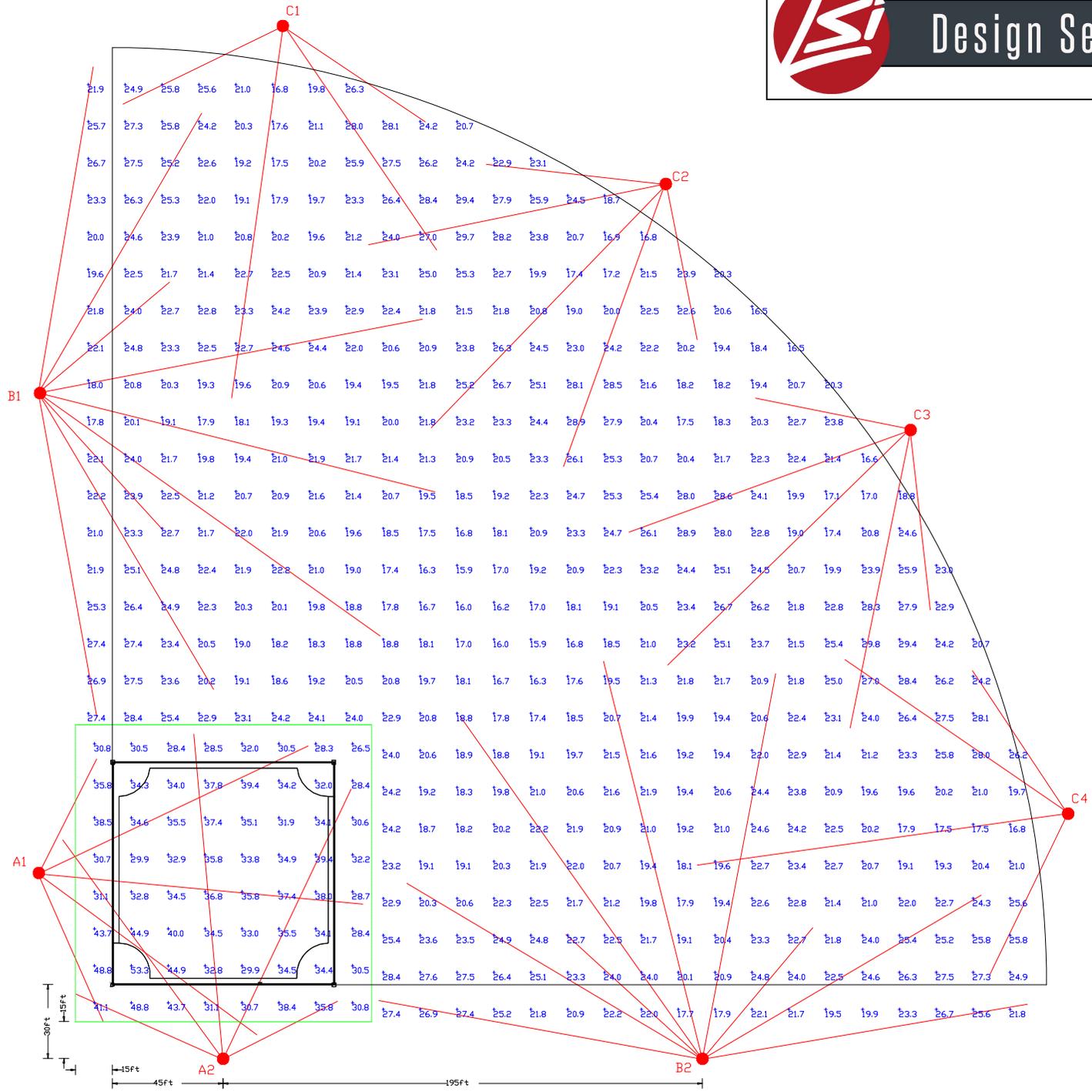


# Design Selector - Baseball



Baseball - 90' BASELINES  
 380' HOME PLATE TO CENTER FIELD  
 8 POLES  
 Class 4: 30FC-INFIELD 20FC-OUTFIELD



POLE#	#POLES	Pole Height	Fixture	Qty/Pole	Total Fixtures	Watts/Fixture	Total Watts	Total KW
A1	1	60'	ZNF-110L-NF-50-GS	1	1	732	732	0.73
			ZNF-110L-MF-50-GS	1	1	783	783	0.78
			ZNF-110L-MWF-50-GS	3	3	783	2,349	2.35
						<b>3,864</b>	<b>3.86</b>	
A2	1	60'	ZNF-110L-NF-50-GS	1	1	732	732	0.73
			ZNF-110L-MF-50-GS	1	1	783	783	0.78
			ZNF-110L-MWF-50-GS	3	3	783	2,349	2.35
						<b>3,864</b>	<b>3.86</b>	
B1	1	75'	ZNF-110L-NF-50-GS	5	5	732	3,660	3.66
			ZNF-110L-MF-50-GS	2	2	783	1,566	1.57
			ZNF-110L-MWF-50-GS	2	2	783	1,566	1.57
						<b>6,792</b>	<b>6.79</b>	
B2	1	75'	ZNF-110L-NF-50-GS	5	5	732	3,660	3.66
			ZNF-110L-MF-50-GS	2	2	783	1,566	1.57
			ZNF-110L-MWF-50-GS	2	2	783	1,566	1.57
						<b>6,792</b>	<b>6.79</b>	
C1	1	75'	ZNF-110L-MF-50-GS	1	1	783	783	0.78
			ZNF-110L-MWF-50-GS	3	3	783	2,349	2.35
						<b>3,132</b>	<b>3.13</b>	
C2	1	75'	ZNF-110L-NF-50-GS	2	2	732	1,464	1.46
			ZNF-110L-MF-50-GS	1	1	783	783	0.78
			ZNF-110L-MWF-50-GS	2	2	783	1,566	1.57
						<b>3,813</b>	<b>3.81</b>	
C3	1	75'	ZNF-110L-NF-50-GS	2	2	732	1,464	1.46
			ZNF-110L-MF-50-GS	1	1	783	783	0.78
			ZNF-110L-MWF-50-GS	2	2	783	1,566	1.57
						<b>3,813</b>	<b>3.81</b>	
C4	1	75'	ZNF-110L-MF-50-GS	1	1	783	783	0.78
			ZNF-110L-MWF-50-GS	3	3	783	2,349	2.35
						<b>3,132</b>	<b>3.13</b>	
<b>TOTALS</b>		<b>8</b>			<b>46</b>		<b>35,202</b>	<b>35.20</b>

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 'UD' most closely matches the old Full Cutoff rating.

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min	Grid Z
INFIELD	Illuminance	Fc	35	53.3	26.5	1.3	2.0	3
OUTFIELD	Illuminance	Fc	22	29.8	15.9	1.4	1.9	3

Symbol	Qty	Label	Arrangement	Description	LLF	Arr. Lum. Lumens	Arr. Watts
➔	20	A55	SINGLE	ZNF-110L-MWF-50-GS	0.930	102030	783
➔	10	A44	SINGLE	ZNF-110L-MF-50-GS	0.930	107073	783
➔	16	A33	SINGLE	ZNF-110L-NF-50-GS	0.930	99770	732

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 = 35202



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LIGHTING PROPOSAL LD-163194  
 BB-90BL-3800F-8P-6070H-CL4\_3020avg

BY:THC DATE: REV: SHEET 1 OF 1

SCALE: 1"=60' ARCH B 0 60