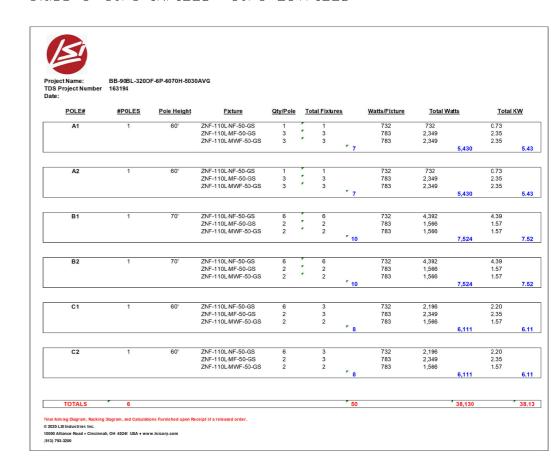




Baseball - 90' BASELINES 320' HOME PLATE TO CENTER FIELD 6 POLES Class 3: 50FC-INFIELD 30FC-DUTFIELD



	2 9.	5 35.1	34.7	34.1	[*] 34.7	[†] 33.7	34.0	32.9	25.1	1												
	[‡] 32/.	5 [‡] 37.2	36.6	40.7	43.8	39.3	3 6.9	[‡] 34.6	27.7	27.1	\$10											
	31.5	5 34.1	\$5.2	3 9.2	40.2	\$6.7	34.0	31.3	27.4	29.7	±3\4.1	33.5	\$1.5									
	26.	7 29.3	₹0.5	3 3.2	34.4	3 2.6	5 1.8	5 1.0	28.4	31.5	[‡] 34.7	35.6	3 6.1	\$7.7								
	<u></u>	8 ž 6.5	₽7.1	±28.6	[‡] 29.4	[‡] 30.6	[‡] 34.4 /	[†] 34.8	[†] 32.4	³35.2	[‡] 36.8	\$6.7	[‡] 35.2	[‡] 36.9	34.3							
	<u>*</u> 5.	0 26.8	ž6.6	26.8	29.1	5 4.1	36.5	35.8	34.0	34.5	35.9	33. 5	3 1.2	* 31.6	\$2.9	3 1.9						
	23.	5 28.0		28.0	[‡] 31.0	[‡] 34.6	35.4	[*] 34.7	[‡] 32.7	[‡] 31.0	±32.0	±30.2	2 7.5	[‡] 27.7	[*] 29.5	3 2.9	34.3					
B1	25.		±9.2	29.4	[‡] 31.8	34.3	[‡] 34.9	[‡] 33.4	30.8	[‡] 28.5	28.6	² 7.9	25.8	[‡] 25.8	2 7.7	3 1.6	3 6.9	\$7.7				
														25.8	27.5				K./=			
	\$6.		31.4	31.4	33.1	3 4.7 →	34.5	± 32.3	29.4	27.4	27.1	<u>\$</u> 6.9	25.9			31.2	35.2	36.1	1.5			
	<u>†</u>	\ `	35.7	\$6.3	36.4	35.6	34.2	31.9	29.5	27.7	26.8	26.9	26.9	27.9	30.2	33.5	36.7	35.6	\$3.5			
	† 33.	5 \$9.4	44.5	45.8	44.3	41.5	37.5	34.3	31.7	29.1	27.3	26.8	27.1	28.6	32.0	35.9	36.8	34.7	34.1	31.0		CO
	42.	3 44.6	47.1	51.5	50.8	[‡] 47.6	43.6	39.6	³ 5.8	\$2.3	29.1	27.7	₹7.4 \	28.5	31.0	34.5	35.2	31.5	29.7	27.1		cs
	[‡] 41	4 44.9	44.6	[‡] 48.7	52.2	\$1.1	48.8	[‡] 45.4	41.0	[*] 35.8	[‡] 31.7	29.5	29.4	30.8	32.7	[‡] 34.0	[‡] 32.4	28.4	27.4	27.7	251/	
	[‡] 41.2	44.2	[‡] 46.3	49.8	54.6	5 4.3	51.8	50.1	45.4	39.5	34.3	31.9	32.3	33.4	34.7	35.8	34.8	31.0	31.3	3 4.7	32.9	\
	44.5	46.9	50.0	5 4.9	56.3	53.7	52.9	51.8	48.8	[‡] 43.8	3 7.5	[‡] 34.2	[*] 34.5	34.9	\$5.4	36.5	[†] 34.4	5 1.8	34.0	[‡] 36.9	34.0	
	43.6	47.6	52.7	57.9	5 7.3	5 3.4	5 3.7	5 4.3	\$1.1	[‡] 47.6	41.5	[‡] 35.6	[‡] 34.7	34.3	34.6	34.1	[‡] 30.6	32.6	[‡] 36.7	39.3	33.7	23 .6
A1	35.9	[†] 44,2	\$4.4	62.5	62.8	57.3	56.3	54.6	52.2	50.8	44.3	36.4	33.1	5 1.8	31.0	29.1	29.4	\$4.4	[‡] 40.2	3.8	34.7	2 7.
	3 18	45.2	541	61.1	62.5	5 79 /	5 4.9	⁴ 9.8	48.7	51.5	[‡] 45.8	\$6.3	31.4	29.4	₹8.0	[‡] 6.8	28.6	, 33.2	[‡] 39.2	40.7	3 4.1	[‡] 32.1
	49.2	\$4.1	54.1	54.1	54.4	5 2.7	₺0.0	[‡] 46.3	44.6	47.1	44.5	₹35.₹	*31. 4	29.2	27.8	26.6	₹ 7.1	30.5	35/2	36.6	34.7	33.6
	\$2.5	59.4	\$4.1	[‡] 45.2	[‡] 44.2 /	[‡] 47.6	[‡] 46.9	[†] 44.2	45.0	44.5	\$9.4	33.2	31.7	₹30.0	28.0	26.8	26.5	2 9.3	5 4.1	[‡] 37.2	35.1	- 5 12
	T + + + + + + + + + + + + + + + + + + +	\$2.5	[‡] 49.2	37.R	35.9	[‡] 43.6	4 4.5	*41.2	[‡] 41.4	42.3	3 3.5	şxs	\$6.6	25.0	23.5	24.9	2 4.8	26.7	31.5	32.5	29.5	2 4.9
	-30¢				\times					_					//			_				
	± _{₹-4}	- -15ft	5ft —	A2					—147ft —				Bá	2								
		ı- 	J	7					24,70					٦								

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.

we wrimme whe 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 nethods. Actual performance of any nanufacturer's luminaires nay vary due to changes in electrical voltage, tolerance in langs/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 noneclature noted does not include nounting 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 nating which refers to the Backlight-Uplight-Glare system. An Uplight of "UD" most closely matches the old Full Cutoff nating.

Calculation Summary													
Label	СаІсТуре	Units	Avg	Max	Min	Avg/Min	Max/Min	Grid Z					
INFIELD	Illuminance	Fc	51	62.8	35.9	1.4	1.8	3					
OUTFIELD	Illuminance	Fc	34	52.2	23.5	1.4	2.2	3					

Luminaire Schedule											
Symbol	Qty	Label	Arrangement	Description	LLF	Arr. Lum. Lumens	Arr. Watts				
+	20	A33	SINGLE	ZNF-110L-NF-50-GS	0.930	99770	732				
+	16	A44	SINGLE	ZNF-110L-MF-50-GS	0.930	107073	783				
→	14	A55	SINGLE	ZNF-110L-MWF-50-GS	0.930	102030	783				

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.

Total Project Watts Total Watts = 38130





LIGHTING PROPOSAL BB-90BL-320DF-6P-6070H-5030AVG

BY:THC