





Soccer 300' x 180' 4 PDLES 60'High 30' Pole Setback Class 3: 30FC

Project Name: TDS Project Numbe Date:		180-4P-60H-30	SB-30AVG									
POLE#	#POLES	Pole Height	<u>Fixture</u>	Qty/Pole	Total Fixtures			Watts/Fixture	Total Watts		Total KW	
P1	1	60'	ZNF-110L-MF-50-GS	7	,	7		783	5,481		5.48	
			ZNF-110L-MWF-50-GS	1	•	1		783	783		0.78	
							8			6,264		6.:
P2	1	60'	ZNF-110L-MF-50-GS	7	,	7		783	5,481		5.48	
			ZNF-110L-MWF-50-GS	1	•	1		783	783		0.78	
							8			6,264		6.
P3	1	60'	ZNF-110L-MF-50-GS	7	,	7		783	5,481		5.48	
			ZNF-110L-MWF-50-GS	1	•	1		783	783		0.78	
							8			6,264		6.3
P4	1	60'	ZNF-110L-MF-50-GS	7	,	7		783	5,481		5.48	
		•	ZNF-110L-MWF-50-GS	1	•	1		783	783		0.78	
							8			6,264		6.3
TOTALS	4						32			25,056		25.

Calculation Summary Label CalcType Units Avg Max Min Avg/Min Max/Min Grid Z SUMMARY Illuminance Fc 34 49.1 21.2 1.6 2.3 3

PHOTOMETRIC EVALUATION NOT FOR CONSTRUCTION

Based on the information provided, all dimensions and luminaire locations shown represent recommended positions. The engineer and/or architect nust determine the applicability of the layout to existing or future field conditions.

This lighting plan represents illumination levels calculated fron laboratory data taken under controlled conditions in accordance with The Illuminating Engineering Society (IES) approved nethrois. Actual performance of any nanufacturer's luminaries nay vary due to changes in electrical voltage, tolerance in langs/LED's and other variable field conditions. Eclaculations do not include obstructions such as buildings, curbs, landscaping, or any other architectural elements unless noted. Fixture nomenclature noted does not include notating 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 "UO" most closely natches the old Full Cutoff rating.

Luminaire Schedule									
Symbol	Qty	Label	Arrangement	Description	LLF	Arr. Lum. Lumens	Arr. Watts		
-	28	A44	SINGLE	ZNF-110L-MF-50-GS	0.930	107073	783		
+	4	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 = 25056





LIGHTING PROPOSAL LO-16319

SDC-300×180-4P-60H-30SB-30AVG

BY:THC DATE: REV: SHEET OF 1

