



Luminaire Schedule									
Symbol	Qty	Label	Arrangement	Description	LLF	Luminaire Lumens	Luminaire Watts	Total Watts	
	3	A	Single	SLM-LED-30L-SIL-2-40 @ 16' MTG. HT.	0.940	31201	248.6	745.8	

Calculation Summary						
Label	Calc Type	Units	Avg	Max	Min	Max/Min
BATTING CAGE	Illuminance	Fc	30.24	39	21	1.86

The light levels shown are maintained using a .94 light loss factor (LLF). Light loss factors are used to adjust the light output of a luminaire operating in a controlled laboratory environment to the output obtained under actual field conditions. The LLF used in these calculations includes both recoverable and non-recoverable factors. Recoverable factors include luminaire dirt depreciation (LDD). Non-recoverable factors include optical system variations, and depreciation in initial luminaire lumen output. The use of the light loss factor shown requires making certain assumptions about the lighting system, the specific application, and the maintenance of the system over time. Therefore, actual light levels measured in the field may vary from the calculated values, especially in regards to individual location measurements.

Calculations use a LED Maintained Lamp Lumen factor based upon 50,000 hours of life, derived from IES TM21-11.

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

Date: 9/19/2022
 Filename: BATTING CAGE1.AGI



Project: 14' X 70' Batting Cage
 Location: