



Luminaire Schedule								
Project: DOTY PARK								
Symbol	Qty	Label	Arrangement	Lum. Lumens	LLF	Description	Lum. Watts	Total Watts
	12	A	SINGLE	79676	0.940	ZNL-78L-FT-50 (ZONE LARGE) @ 25' MT6. HT.	648	7776
	8	A1	SINGLE	38916	0.940	ZNM-36L-CT-50 (ZONE MEDIUM) @ 22' MT6. HT.	288	2304
	6	B	TWIN 180	79676	0.940	ZNL-78L-FT-50 (ZONE LARGE) @ 25' MT6. HT.	648	7776
	6	B1	TWIN	79676	0.940	ZNL-78L-FT-50 (ZONE LARGE) @ 25' MT6. HT.	648	7776

Calculation Summary						
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Label	CalcType	Units	Avg	Max	Min	Max/Min
COURT 1	Illuminance	Fc	41.42	51	31	1.65
COURT 2	Illuminance	Fc	41.58	51	31	1.65
COURT 3	Illuminance	Fc	41.75	51	31	1.65
COURT 4	Illuminance	Fc	41.39	51	31	1.65
COURT 5	Illuminance	Fc	41.53	51	31	1.65
COURT 6	Illuminance	Fc	41.39	51	31	1.65
PICKLEBALL 1	Illuminance	Fc	45.57	58	28	2.07
PICKLEBALL 2	Illuminance	Fc	45.43	58	28	2.07



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, and based upon an In-situ case temperature of 55°C.

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.

Filename: DOTY PARK2.A6I
Date:6/23/2021

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