

SPILL

Luminaire Schedule					
Symbol	Qty	Label	Arrangement	Description	LFL
	16	A2	Single	ZNL-78-CT-50-IL (ZONE LARGE) @ 22' MTG HT.	0.940

The light levels shown are measured using a 0.94 light loss factor (LLF). Light loss factors are used to adjust the light output of a luminaire operating in a controlled laboratory environment to reflect actual field performance. The LLF value used for this calculation includes both recoverable and non-recoverable factors. Recoverable factors include luminaire dirt depreciation (DD). Non-recoverable factors include system depreciation, degradation from luminaire aging, and 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 actual fixture measurements.

Photometry Variance Request for an Alternative Standard:
To allow the Pickleball playing court area to have a lighting level of a maximum of 53 foot-candles in lieu of the 20 foot-candles as limited for non-residential use Per Section VIII.7.5 of the Unified Development Code (UDC)

Calculation Summary						
Location	Calc Type	Units	Avg	Max	Min	Mean/Min
COURT1	Illuminance	fc	302.7	45	13	3.46
COURT2	Illuminance	fc	343.7	44	25	2.93
COURT3	Illuminance	fc	33.44	47	14	3.36
COURT4	Illuminance	fc	34.22	47	14	3.45
COURT5	Illuminance	fc	34.03	41	23	1.78
COURT6	Illuminance	fc	32.89	40	18	2.22
COURT7	Illuminance	fc	33.33	41	23	1.76
COURT8	Illuminance	fc	32.00	40	18	2.00
COURT9	Illuminance	fc	29.91	41	22	1.86
COURT10	Illuminance	fc	29.91	41	22	1.86
COURT11	Illuminance	fc	30.76	35	25	1.40
COURT12	Illuminance	fc	30.53	35	25	1.40
SPILL	Illuminance	fc	0.33	0.9	0.0	N/A

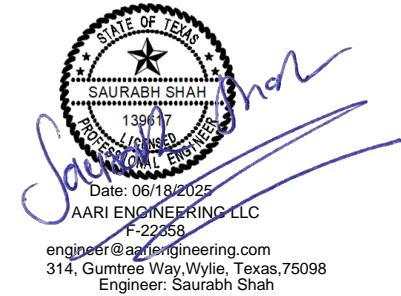


ZONE Large - Sport/Court Light

(ZNL)

Note:

The photometric design has been developed in accordance with the USA Pickleball Association (USAPA) recommended guidelines, referencing LSI Lighting's published photometry standards. This ensures that the lighting levels, uniformity, and glare control meet industry-accepted best practices for pickleball play.



Project: Vistara Sports Pickleball
Location: Lewisville, TX

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