



Calculation Summary					
Project: POMPANO PICKLE					
Label	CalcType	Avg	Max	Min	Max/Min
COURT 1	Illuminance	62.18	81	48	1.69
COURT 2	Illuminance	63.61	81	46	1.76
COURT 3	Illuminance	60.00	72	43	1.67
COURT 4	Illuminance	62.89	81	44	1.84
COURT 5	Illuminance	62.07	81	47	1.72
COURT 6	Illuminance	63.93	84	48	1.75
COURT 7	Illuminance	64.86	83	52	1.60
COURT 8	Illuminance	61.11	75	47	1.60
COURT 9	Illuminance	63.54	81	46	1.76
COURT10	Illuminance	62.29	81	47	1.72
COURT11	Illuminance	62.43	62	42	1.48
COURT12	Illuminance	53.32	62	43	1.44
COURT13	Illuminance	51.04	62	37	1.68
COURT14	Illuminance	51.93	62	37	1.68
EAST OF BUILDING	Illuminance	3.70	6	1	6.00
PARKING LOT	Illuminance	3.31	6.1	1.1	5.55
PLAZA	Illuminance	11.38	34	2	17.00
PROPERTY LINE 1	Illuminance	9.95	37.1	0.1	371.00
PROPERTY LINE 2	Illuminance	1.19	3.7	0.2	18.50
SIDEWALK	Illuminance	14.47	33.1	1.3	25.46

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: POMPANO PICKLE4.A61
Date: 7/1/2025

Luminaire Schedule							
Project: POMPANO PICKLE							
Symbol	Qty	Label	Arrangement	Description	LLF	Luminaire Lumens	Total Watts
	8	A	Single	ZNL-78L-CT-50 (ZONE LARGE) @ 22' MTG. HT.	0.940	77488	5184
	54	B	Single	ARB-1-L-5-30L-840-R16AW @ 2' SUSPENSION	0.940	28363	12933
	8	C	Single	MRS-LED-12L-SL-FT-50-70CRI (MIRADA SMALL) @ 17' MTG. HT.	0.940	12311	688
	5	D	Single	MRS-LED-09L-SL-2-50-70CRI (MIRADA SMALL) @ 17' MTG. HT.	0.940	9462	315

Project: Pompano Pickle
Location: Pompano Beach, FL

Frasure Reps
3343 Lookout Drive
Cincinnati, OH 45208
Phone: 513-666-4242
Email: patrick@frasurereps.com

