

**PHOTOMETRIC EVALUATION  
 NOT FOR CONSTRUCTION**  
 Based on the information provided, all dimensions and luminaire locations represent a recommended application. The engineer and/or architect must determine the applicability of the layout regarding existing or future field conditions.  
 This lighting layout represents illumination levels calculated using laboratory data taken under controlled conditions in accordance with The Illuminating Engineering Society (IES) approved method. Actual performance of a manufacturer's luminaires may vary due to changes in electrical voltage, tolerance in LEDs, and other field conditions. Calculations may not include obstructions such as buildings, curbs, landscaping, or other architectural elements. Future nomenclature may not include mounting hardware or poles. This layout is for photometric evaluation purposes only and should not be used as a construction document or as a final document for ordering product.

DESIGNED FOR:



**BELLAIRE SENIOR CENTER**  
 ADDRESS

SALES

A GRACE

DATE

1.7.2025

DESIGNER

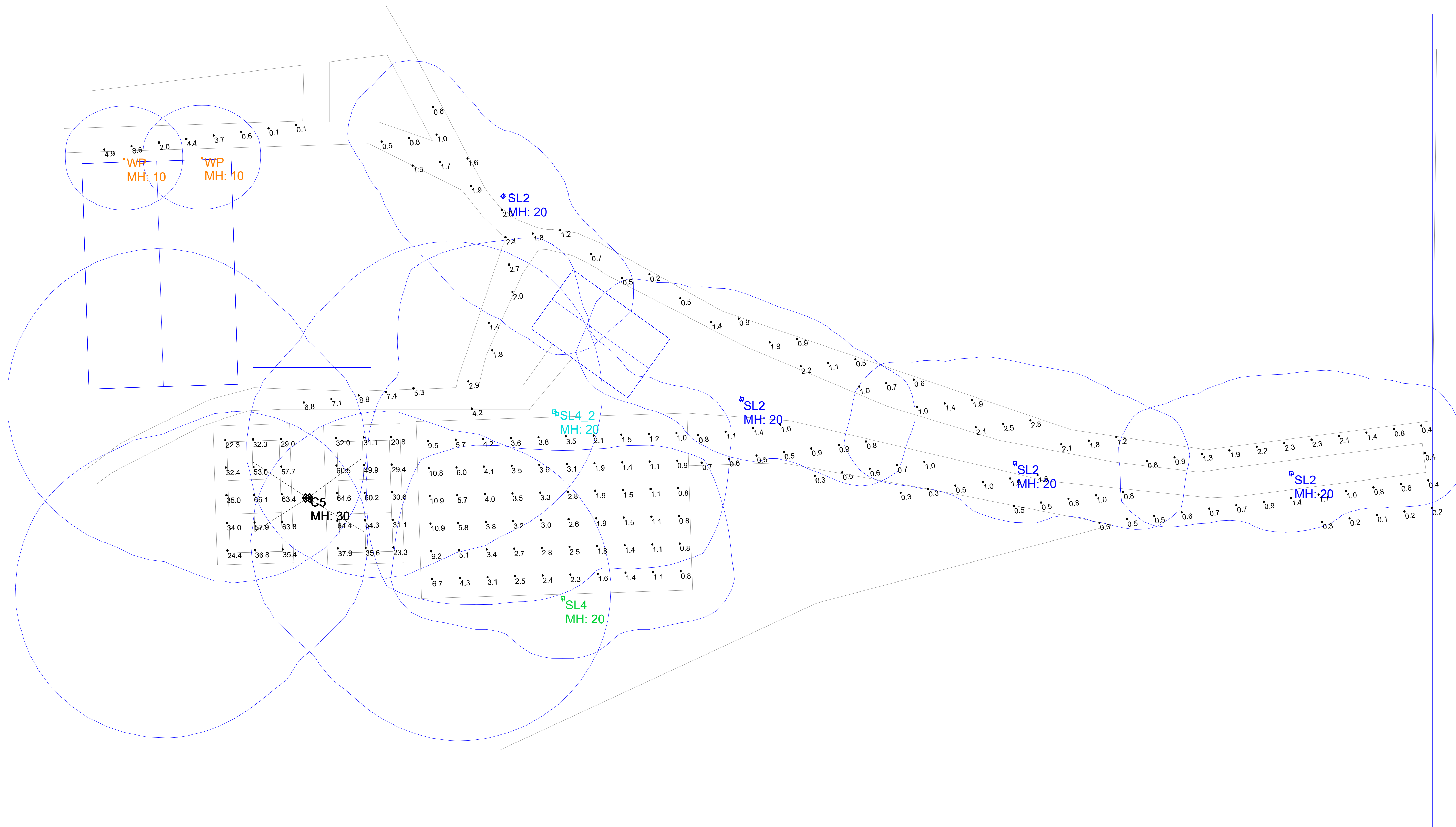
J YONKERS

REVISIONS

DATE	NAME
XX	XX






SHEET

**1**



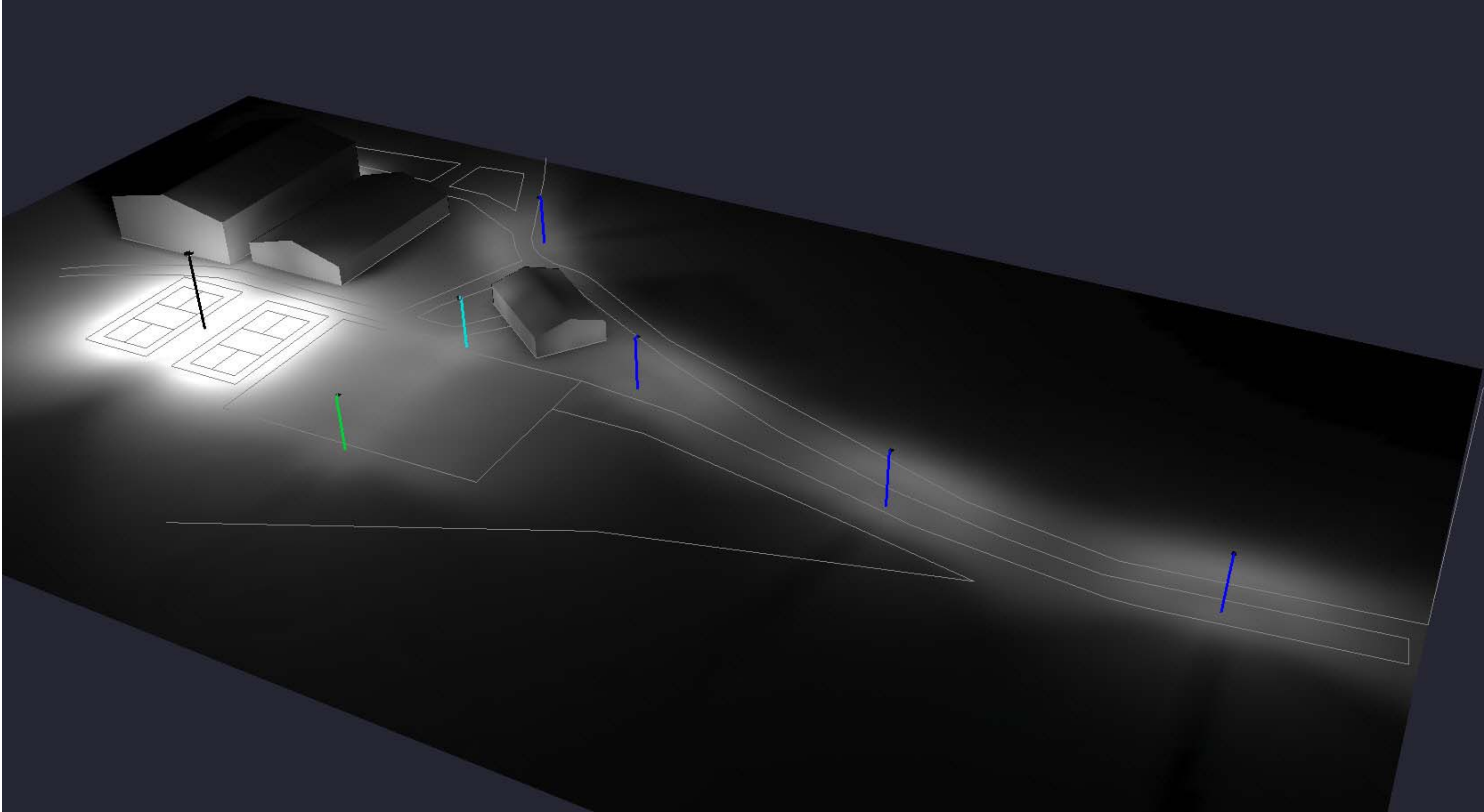
**PHOTOMETRIC PLAN**

SCALE: NTS

Luminaire Schedule										
Scenario: GEN										
SYMBOL	QTY	LABEL	ARRANGMENT	LLF	[MANUFAC]	DESCRIPTION	MNT HEIGHT	MNT TYPE	TLT WATTS	LUMENS
	4	C5	Single	0.921	COOPER - EPHEBUS	EPH-LS-08-0320L-57-70-5S-HEG-S	30	POLE	1376.8	60319
	4	SL2	Single	0.921	COOPER - LUMARK	PRV-PA1A-730-U-T2U	20	POLE	216	6919
	1	SL4	Single	0.921	COOPER - LUMARK	PRV-PA1A-730-U-T4W	20	POLE	54	6816
	1	SL4_2	2 @ 90 degrees	0.921	COOPER - LUMARK	(2) PRV-PA1A-730-U-T4W	20	POLE	108	6816
	2	WP	Single	0.921	COOPER - LUMARK	ASWPLED1S-24W-4000K	10	WALL	46.2	3076

Calculation Summary							
Scenario: GEN							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
DRIVE	Illuminance	Fc	1.54	8.8	0.1	15.40	88.00
PARKING	Illuminance	Fc	3.33	10.9	0.8	4.16	13.63
PICKLEBALL	Illuminance	Fc	42.31	66.1	20.8	2.03	3.18

NOTES:  
- CALC AT GRADE



CTA LIGHTING & CONTROLS  
908C West River Center Dr  
Comstock Park, MI 49321  
616.647.2400  
www.cta-lc.com

PHOTOMETRIC EVALUATION  
NOT FOR CONSTRUCTION  
Based on the information provided, all dimensions and luminaire locations represent a recommended application. The engineer and/or architect must determine the applicability of the layout regarding existing or future field conditions.  
This lighting layout represents illumination levels calculated using laboratory data taken under controlled conditions in accordance with The Illuminating Engineering Society (IES) approved method. Actual performance of a manufacturer's luminaires may vary due to changes in electrical voltage, tolerance in LEDs, and other field conditions. Calculations may not include obstructions such as buildings, curbs, landscaping, or other architectural elements. Future nomenclature may not include mounting hardware or poles. This layout is for photometric evaluation purposes only and should not be used as a construction document or as a final document for ordering product.



BELLAIRE SENIOR CENTER  
ADDRESS

SALES  
A GRACE

DATE  
1.7.2025

DESIGNER  
J YONKERS

REVISIONS	
DATE	NAME
XX	XX

SHEET

2

**SCHEDULES**

SCALE: NTS