



Luminaire Schedule - LED									
Project: GEYSERVILLE AVE - GEYSERVILLE									
Symbol	Qty	Label	Arrangement	LLF	Luminaire Lumens	Luminaire Watts	Description	Filename	
	26	1-SL2	Single	0.900	965	10.6	GARCO PBL-42-14L-200-NW-G2-3-UNV	PBL-14L-200-NW-G2-3-UNV.ies	
	44	2-SL2	Single	0.450	1714	10.2	GARCO GBS-A01-740-T4M @ 8' (FAWS 2 - 50% OUTPUT)	GBS-A01-740-T4M.ies	
	17	3-SL2	Single	0.450	1756	10.2	GARCO GBS-A01-740-T3M @ 8' (FAWS 2 - 50% OUTPUT)	GBS-A01-740-T3M.ies	
	91	4-SL2	Single	0.900	726	10.77	AFX SATW091508Lxx @ 7'	SATW091508Lxx_JES.IES	
	5	SL1	Single	0.900	5227	48.5	HADCO VL72-42-G2-3-N-3-N - 14' POLE	VL72-42-G2-3-N-3-N.ies	

Calculation Summary							
Project: GEYSERVILLE AVE - GEYSERVILLE							
Description	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
ALLEY DRIVE E H	Illuminance	Fc	0.52	1.49	0.10	5.20	14.90
ALLEY DRIVE I J	Illuminance	Fc	0.55	1.54	0.17	3.24	9.06
ALLEY DRIVE K L	Illuminance	Fc	0.54	1.80	0.13	4.15	12.31
ALLEY DRIVE M N O	Illuminance	Fc	0.55	1.49	0.10	5.50	14.90
ALLEY DRIVE P Q	Illuminance	Fc	0.54	1.62	0.11	4.91	14.73
PATHWAYS	Illuminance	Fc	1.21	10.99	0.03	40.33	366.33
STREETS AND PARKING AREAS	Illuminance	Fc	0.54	1.64	0.09	6.00	18.22

PLAN LIGHTING - PHOTOMETRIC ANALYSIS - LAYOUT RECOMMENDATION

PRELIMINARY - NOT FOR CONSTRUCTION
NOT FOR QUOTING PURPOSES

PROJECT DESCRIPTION
21837 GEYSERVILLE AVE
CITY OF GEYSERVILLE

CLIENT
CITY OF GEYSERVILLE
24168REY DWG / 24168REY A32

DATE
07.10.2025

SHEET
1 OF 1

SCALE
1" = 30'

REPORT FOR
TARRAR UTILITY CONSULTANTS

DESIGNED BY
ASSOCIATED LIGHTING REPRESENTATIVES, INC.

APPROVED BY
ASSOCIATED LIGHTING REPRESENTATIVES, INC.

PROJECT NO.
24168REY

DATE
07.10.2025

SHEET
1 OF 1

SCALE
1" = 30'

Associated Lighting Representatives, Inc.

ASSOCIATED LIGHTING REPRESENTATIVES, INC.

8809 BAYMEADOWS WAY WEST SUITE 500 JACKSONVILLE FL 32256

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PHOTOMETRIC DATA USED AS INPUT FOR THESE CALCULATIONS IS BASED ON THE FOLLOWING ASSUMPTIONS:
1. ALL LUMINAIRES ARE NEW AND HAVE NOT BEEN DEGRADED BY AGE OR USE.
2. ALL LUMINAIRES ARE OPERATING AT THEIR NOMINAL OUTPUT.
3. ALL LUMINAIRES ARE OPERATING AT THEIR NOMINAL VOLTAGE.
4. ALL LUMINAIRES ARE OPERATING AT THEIR NOMINAL AMBIENT TEMPERATURE.
5. ALL LUMINAIRES ARE OPERATING AT THEIR NOMINAL AMBIENT HUMIDITY.
6. ALL LUMINAIRES ARE OPERATING AT THEIR NOMINAL AMBIENT AIR QUALITY.
7. ALL LUMINAIRES ARE OPERATING AT THEIR NOMINAL AMBIENT NOISE LEVEL.
8. ALL LUMINAIRES ARE OPERATING AT THEIR NOMINAL AMBIENT VIBRATION LEVEL.
9. ALL LUMINAIRES ARE OPERATING AT THEIR NOMINAL AMBIENT ELECTROMAGNETIC INTERFERENCE LEVEL.
10. ALL LUMINAIRES ARE OPERATING AT THEIR NOMINAL AMBIENT RADIATION LEVEL.

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