



IES ROAD REPORT

PHOTOMETRIC FILENAME : VWPX-L85-730-T2-XXX-SDGL-DIM-UNV_.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] GEN FROM 14773930.02
[TESTLAB] UL Verification Services Inc.
[ISSUE DATE] 2024-01-31
[TEST DATE] 4/25/2023
[MANUFAC] H.E. WILLIAMS, INC.
[LUMCAT] VWPX-L85-730-T2-xxx-SDGL-DIM-UNV
[LUMINAIRE] CAST ALUMINUM LED WALL PACK
[LAMP] 8 White LEDs
[BALLAST] UNIVERSAL VOLTAGE DIMMING DRIVER
[_SEARCH_SOURCE TYPE] LED
[_SEARCH_APPLICATION] OUTDOOR
[_SEARCH_MOUNTING] WALL

CHARACTERISTICS

IES Classification	Type II
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	8314
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	115
Total Luminaire Watts	72
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	4667.068
Maximum Candela Angle	60H 45V
Maximum Candela (<90 Degrees Vertical)	4667.068
Maximum Candela Angle (<90 Degrees Vertical)	60H 45V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	413.14 (5.0% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : VWPX-L85-730-T2-XXX-SDGL-DIM-UNV_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1404.0	N.A.	16.9
FM - Front-Medium (30-60)	3360.8	N.A.	40.4
FH - Front-High (60-80)	1066.9	N.A.	12.8
FVH - Front-Very High (80-90)	42.2	N.A.	0.5
BL - Back-Low (0-30)	779.8	N.A.	9.4
BM - Back-Medium (30-60)	1194.8	N.A.	14.4
BH - Back-High (60-80)	453.2	N.A.	5.5
BVH - Back-Very High (80-90)	12.4	N.A.	0.1
UL - Uplight-Low (90-100)	0.0	N.A.	0.0
UH - Uplight-High (100-180)	0.0	N.A.	0.0
Total	8314.1	N.A.	100.0
BUG Rating	B2-U0-G1		

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CANDELA TABULATION

Vert. Angles	Horizontal Angles									
	0.0	5.0	15.0	25.0	35.0	45.0	55.0	60.0	62.5	65.0
0.0	2495.522	2495.522	2495.522	2495.522	2495.522	2495.522	2495.522	2495.522	2495.522	2495.522
2.5	2667.287	2627.354	2616.687	2593.439	2604.243	2613.679	2560.207	2534.087	2533.403	2532.309
5.0	2808.419	2765.067	2746.742	2707.083	2693.681	2694.091	2628.312	2604.243	2601.507	2599.319
7.5	3007.946	2968.013	2942.303	2882.678	2839.463	2805.547	2700.519	2651.970	2641.167	2630.636
10.0	3262.996	3219.781	3179.711	3098.068	3031.194	2955.158	2779.837	2711.733	2686.433	2665.646
12.5	3516.951	3479.754	3432.436	3319.476	3229.080	3099.025	2878.438	2783.393	2745.785	2719.528
15.0	3800.446	3766.394	3696.785	3560.850	3414.111	3249.320	3006.852	2865.720	2807.872	2758.640
17.5	4024.452	3996.554	3925.851	3799.216	3623.894	3425.462	3110.923	2974.851	2905.789	2837.001
20.0	4227.261	4214.953	4131.122	3979.460	3807.011	3581.774	3230.995	3064.700	2984.424	2911.670
22.5	4314.375	4309.315	4230.270	4107.737	3956.075	3732.068	3351.887	3183.130	3093.008	3005.074
25.0	4275.536	4285.656	4225.210	4136.729	4061.377	3847.764	3503.960	3301.698	3212.533	3126.924
27.5	4140.558	4163.396	4126.336	4087.360	4068.761	3996.554	3651.519	3481.805	3370.349	3262.038
30.0	3966.331	4012.555	3976.861	3949.647	4020.076	4044.692	3823.011	3633.057	3524.199	3408.230
32.5	3761.471	3810.430	3803.181	3799.079	3950.604	4122.643	4004.486	3848.858	3746.291	3627.040
35.0	3526.251	3567.414	3576.577	3612.817	3855.969	4177.072	4238.202	4084.078	3959.630	3848.311
37.5	3154.548	3168.361	3252.739	3380.332	3758.599	4192.525	4427.199	4359.778	4235.330	4102.130
40.0	2600.824	2619.559	2778.606	3072.631	3580.269	4135.909	4572.297	4553.014	4453.456	4319.435
42.5	1967.644	1997.320	2219.001	2642.534	3287.475	3978.229	4591.579	4647.512	4608.674	4503.508
45.0	1405.987	1422.261	1673.892	2147.341	2933.961	3783.625	4518.415	4667.068	4655.307	4583.784
47.5	949.223	952.231	1176.237	1663.499	2539.557	3532.815	4372.770	4578.998	4605.528	4563.134
50.0	617.590	623.607	792.090	1217.674	2114.793	3272.158	4184.047	4419.404	4475.473	4461.251
52.5	420.388	427.089	533.485	859.101	1714.782	3002.065	4021.854	4303.982	4388.223	4389.180
55.0	324.658	325.479	382.233	598.717	1352.926	2725.819	3904.244	4269.109	4382.890	4422.002
57.5	274.059	271.460	299.906	434.610	1050.832	2434.118	3776.788	4223.979	4384.531	4445.934
60.0	239.596	237.682	253.135	337.650	816.159	2124.640	3552.508	4061.377	4251.057	4328.461
62.5	211.835	209.373	219.630	277.478	641.385	1810.101	3185.455	3695.144	3888.927	3971.528
65.0	183.390	181.338	189.407	235.083	508.322	1478.741	2692.860	3155.506	3325.493	3402.350
67.5	155.081	152.483	160.415	199.937	407.396	1167.622	2148.572	2530.394	2677.133	2732.656
70.0	125.815	123.764	131.696	167.389	325.479	899.307	1633.002	1923.198	2027.816	2067.476
72.5	97.370	95.729	103.387	134.705	255.050	664.770	1186.631	1386.842	1448.792	1476.690
75.0	71.523	71.113	77.951	103.934	193.646	474.680	830.245	954.283	994.626	1012.541
77.5	50.053	50.463	56.207	76.720	140.995	325.206	552.357	628.667	654.924	666.685
80.0	33.368	33.915	38.292	53.335	96.823	208.142	343.394	389.481	404.797	413.140
82.5	20.650	20.924	24.069	33.915	60.993	121.576	195.151	219.903	230.434	234.536
85.0	11.351	11.624	13.402	18.872	33.368	61.950	97.233	108.037	114.738	116.790
87.5	4.923	5.060	5.881	7.932	13.129	23.659	36.514	40.206	42.941	44.582
90.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
92.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
95.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
97.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
100.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
102.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
105.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
107.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
110.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
112.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
115.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
117.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
120.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
122.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
125.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
127.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
130.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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CANDELA TABULATION - (Cont.)

132.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
135.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
137.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
140.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
142.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
145.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
147.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
150.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
152.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
155.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
157.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
160.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
162.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
165.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
167.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
170.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
172.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
175.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
177.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
180.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Vert. Horizontal Angles

	<u>67.5</u>	<u>70.0</u>	<u>72.5</u>	<u>75.0</u>	<u>77.5</u>	<u>80.0</u>	<u>82.5</u>	<u>85.0</u>	<u>87.5</u>	<u>90.0</u>
0.0	2495.522	2495.522	2495.522	2495.522	2495.522	2495.522	2495.522	2495.522	2495.522	2495.522
2.5	2504.137	2491.009	2496.205	2486.906	2472.273	2454.768	2449.845	2447.657	2451.213	2448.888
5.0	2565.677	2550.361	2544.480	2529.027	2510.154	2483.624	2469.948	2471.042	2462.153	2457.777
7.5	2595.217	2573.609	2564.173	2542.429	2511.249	2480.342	2458.324	2445.606	2436.717	2426.460
10.0	2613.405	2580.037	2570.874	2550.361	2520.138	2484.855	2460.512	2447.247	2431.383	2417.297
12.5	2660.723	2619.149	2589.610	2559.113	2526.565	2484.034	2452.170	2431.246	2409.912	2391.040
15.0	2689.305	2637.337	2601.097	2557.062	2514.941	2475.008	2440.819	2415.656	2387.211	2362.458
17.5	2738.400	2674.262	2626.944	2573.336	2518.223	2463.794	2424.545	2396.100	2363.552	2335.380
20.0	2802.402	2714.331	2653.064	2590.157	2524.377	2459.555	2417.024	2385.023	2345.364	2311.858
22.5	2889.105	2785.718	2701.613	2623.252	2547.352	2469.811	2417.707	2378.185	2334.150	2297.089
25.0	2997.963	2884.729	2777.649	2672.210	2579.900	2485.538	2424.545	2384.066	2332.919	2294.217
27.5	3116.804	2992.903	2875.156	2745.101	2635.970	2528.343	2448.751	2403.485	2351.518	2303.516
30.0	3270.654	3131.026	3007.536	2855.600	2716.656	2582.225	2480.752	2420.853	2358.219	2305.704
32.5	3448.300	3287.748	3136.223	2982.646	2821.411	2664.278	2549.540	2476.376	2403.075	2345.364
35.0	3673.127	3489.600	3316.604	3140.189	2952.697	2769.580	2628.448	2537.506	2457.503	2389.399
37.5	3910.125	3701.162	3489.463	3288.979	3089.589	2868.728	2705.442	2595.080	2496.889	2425.639
40.0	4129.891	3924.894	3684.477	3443.513	3221.148	2967.603	2779.017	2656.894	2536.685	2456.546
42.5	4316.563	4104.318	3844.071	3568.645	3331.237	3057.999	2846.711	2708.177	2586.738	2492.513
45.0	4419.130	4218.646	3970.981	3684.477	3425.462	3150.035	2919.328	2773.820	2648.415	2550.361
47.5	4433.763	4252.561	4006.401	3732.615	3482.626	3232.636	3019.844	2882.404	2766.572	2673.167
50.0	4354.171	4206.201	3995.460	3767.762	3544.576	3332.878	3165.489	3055.127	2956.936	2871.737
52.5	4320.529	4214.680	4039.906	3855.832	3673.127	3506.695	3371.443	3292.945	3203.233	3114.889
55.0	4382.753	4298.238	4158.747	4011.324	3863.764	3713.470	3591.347	3517.498	3429.975	3321.527
57.5	4415.848	4351.026	4240.117	4116.763	3988.622	3837.781	3714.290	3626.356	3525.430	3400.162
60.0	4306.853	4259.262	4152.730	4033.478	3900.005	3755.454	3622.390	3518.319	3414.248	3277.765
62.5	3951.425	3908.483	3817.541	3692.272	3557.841	3416.026	3282.689	3164.258	3065.930	2935.876
65.0	3382.247	3341.767	3266.278	3142.650	3019.844	2883.361	2765.067	2643.765	2560.070	2444.922
67.5	2706.399	2678.364	2607.525	2495.111	2385.433	2279.584	2178.795	2076.775	2002.243	1916.634
70.0	2047.646	2019.885	1962.721	1873.146	1782.613	1698.645	1615.087	1540.555	1482.160	1415.971
72.5	1465.750	1441.817	1400.927	1335.421	1270.052	1206.597	1148.339	1091.449	1049.465	1003.515
75.0	1002.147	985.326	957.838	912.982	867.306	824.365	789.629	748.055	717.832	691.164
77.5	657.796	650.274	632.223	601.999	572.460	545.656	523.775	493.826	474.543	458.132

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CANDELA TABULATION - (Cont.)

80.0	406.986	402.746	393.994	372.523	356.112	340.796	326.163	308.385	298.812	288.008
82.5	231.801	229.066	226.741	213.749	204.860	195.698	187.629	178.056	173.543	167.389
85.0	115.832	114.738	114.875	108.994	103.524	97.780	94.088	88.891	88.071	86.566
87.5	44.172	44.582	45.403	43.625	40.480	38.565	36.924	34.326	34.326	35.420
90.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
92.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
95.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
97.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
100.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
102.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
105.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
107.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
110.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
112.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
115.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
117.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
120.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
122.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
125.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
127.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
130.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
132.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
135.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
137.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
140.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
142.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
145.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
147.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
150.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
152.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
155.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
157.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
160.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
162.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
165.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
167.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
170.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
172.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
175.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
177.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
180.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Vert. Horizontal Angles

	<u>92.5</u>	<u>95.0</u>	<u>97.5</u>	<u>100.0</u>	<u>102.5</u>	<u>105.0</u>	<u>107.5</u>	<u>110.0</u>	<u>112.5</u>	<u>115.0</u>
0.0	2495.522	2495.522	2495.522	2495.522	2495.522	2495.522	2495.522	2495.522	2495.522	2495.522
2.5	2443.554	2435.075	2427.827	2423.041	2432.614	2439.588	2441.229	2430.563	2435.212	2457.230
5.0	2449.025	2439.178	2428.785	2425.776	2434.392	2438.358	2436.580	2426.460	2425.913	2438.494
7.5	2415.109	2402.938	2391.724	2383.108	2386.117	2386.527	2377.364	2364.783	2361.364	2374.629
10.0	2404.989	2391.587	2376.817	2364.509	2364.373	2359.586	2348.509	2332.098	2320.611	2325.397
12.5	2372.305	2354.800	2339.210	2321.158	2321.431	2312.816	2295.448	2277.533	2273.977	2280.131
15.0	2339.893	2321.568	2297.636	2279.311	2270.832	2257.840	2245.532	2229.805	2212.163	2205.189
17.5	2312.816	2292.302	2264.678	2240.198	2228.848	2222.557	2209.291	2182.761	2165.940	2165.530
20.0	2290.524	2263.584	2236.779	2204.915	2192.881	2179.342	2149.939	2118.075	2100.844	2100.434
22.5	2275.481	2240.609	2201.770	2169.632	2166.213	2145.700	2110.827	2089.083	2072.672	2047.509
25.0	2262.490	2215.172	2174.692	2147.888	2135.717	2104.400	2068.706	2040.535	2004.568	1988.978

IES ROAD REPORT

PHOTOMETRIC FILENAME : VWPX-L85-730-T2-XXX-SDGL-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

27.5	2272.199	2224.608	2173.872	2141.461	2115.477	2079.920	2046.825	2003.747	1967.917	1950.139
30.0	2274.661	2222.147	2172.778	2140.230	2103.989	2074.724	2025.081	1974.618	1939.062	1914.583
32.5	2306.251	2242.660	2195.069	2153.358	2106.314	2076.365	2018.927	1967.097	1918.548	1878.069
35.0	2345.637	2276.849	2224.335	2165.803	2116.571	2074.724	2010.995	1958.344	1900.633	1862.205
37.5	2374.766	2297.636	2241.976	2175.786	2132.298	2078.963	2014.004	1955.609	1895.847	1839.504
40.0	2396.374	2317.876	2257.019	2188.231	2141.187	2080.604	2009.491	1932.771	1871.778	1800.118
42.5	2428.511	2338.526	2269.601	2196.300	2138.042	2077.869	1994.995	1922.925	1843.880	1755.262
45.0	2486.632	2391.587	2318.833	2251.139	2178.385	2114.246	2020.021	1938.652	1843.743	1732.971
47.5	2616.687	2524.651	2441.640	2367.792	2292.713	2216.403	2108.913	2012.637	1904.052	1762.783
50.0	2819.360	2730.468	2648.141	2563.626	2491.145	2401.570	2272.473	2148.298	2004.568	1818.990
52.5	3058.819	2967.193	2874.335	2775.871	2697.647	2595.627	2438.631	2286.012	2093.322	1845.111
55.0	3252.739	3143.745	3032.152	2924.935	2828.932	2714.605	2527.933	2341.808	2100.707	1795.331
57.5	3307.031	3176.156	3060.734	2949.551	2842.882	2724.998	2518.907	2293.123	2021.936	1680.867
60.0	3164.258	3031.058	2916.183	2818.402	2710.775	2606.567	2400.887	2163.752	1875.744	1521.273
62.5	2821.274	2696.553	2596.994	2512.206	2426.733	2334.150	2153.222	1933.455	1664.319	1332.139
65.0	2348.919	2237.873	2155.546	2095.511	2026.586	1960.806	1816.802	1626.848	1393.543	1114.424
67.5	1830.888	1750.612	1686.474	1640.660	1589.104	1550.538	1443.185	1286.463	1109.501	888.366
70.0	1356.755	1299.318	1250.633	1220.136	1187.451	1164.340	1082.970	963.172	835.031	666.001
72.5	962.351	921.324	887.272	867.032	845.151	825.595	772.261	688.019	594.615	477.278
75.0	660.804	632.906	612.256	598.170	582.170	565.349	528.288	470.577	405.208	327.804
77.5	436.525	418.336	407.122	397.413	384.558	372.250	348.864	307.974	256.007	197.886
80.0	273.512	263.529	256.417	250.127	240.417	231.664	204.040	167.526	132.106	89.985
82.5	159.868	154.671	149.884	145.372	138.944	125.952	101.610	66.190	48.412	27.761
85.0	82.874	80.549	77.677	74.669	67.010	53.882	35.420	25.026	14.770	8.752
87.5	34.052	33.779	32.138	28.992	22.975	15.590	10.530	6.154	3.829	2.325
90.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
92.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
95.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
97.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
100.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
102.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
105.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
107.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
110.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
112.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
115.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
117.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
120.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
122.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
125.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
127.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
130.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
132.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
135.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
137.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
140.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
142.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
145.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
147.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
150.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
152.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
155.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
157.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
160.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
162.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
165.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

IES ROAD REPORT

PHOTOMETRIC FILENAME : VWPX-L85-730-T2-XXX-SDGL-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

167.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
170.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
172.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
175.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
177.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
180.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

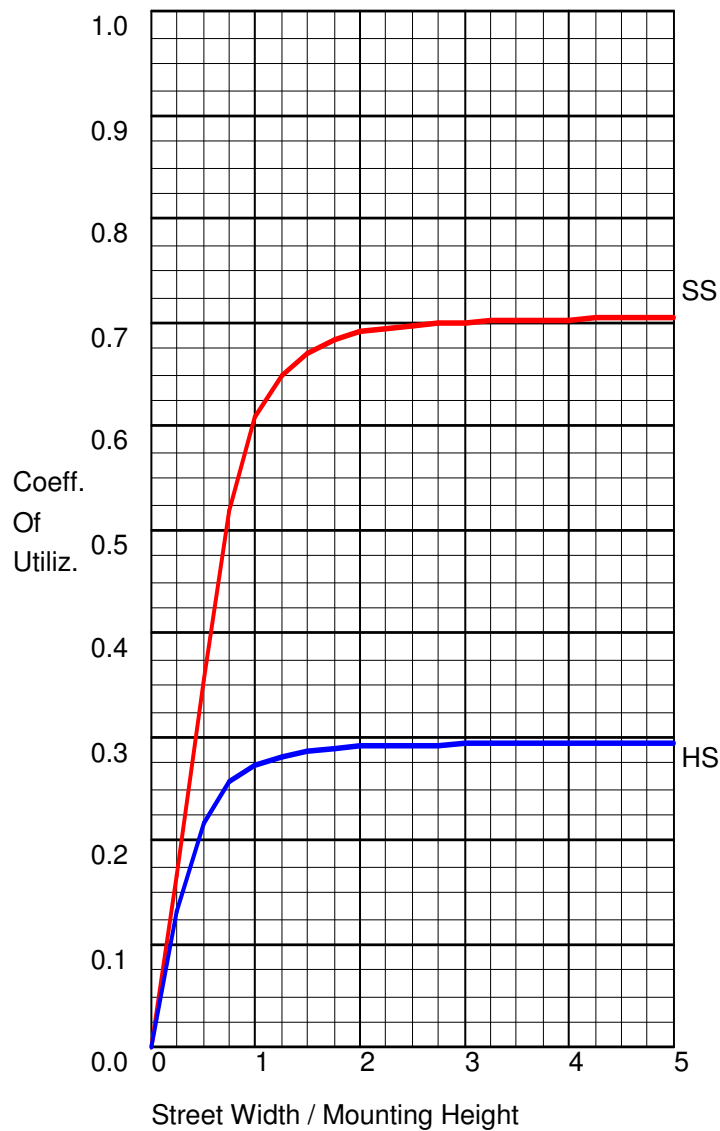
Vert. Horizontal Angles

	117.5	120.0	125.0	135.0	145.0	155.0	165.0	175.0	180.0
0.0	2495.522	2495.522	2495.522	2495.522	2495.522	2495.522	2495.522	2495.522	2495.522
2.5	2451.486	2446.016	2454.495	2471.863	2439.999	2422.631	2435.075	2449.435	2483.077
5.0	2427.827	2417.844	2416.203	2413.058	2362.868	2330.731	2335.244	2357.535	2391.040
7.5	2360.407	2350.287	2352.612	2362.185	2305.704	2246.763	2242.250	2267.686	2309.807
10.0	2308.987	2294.490	2277.122	2257.703	2229.531	2182.624	2150.076	2168.538	2208.061
12.5	2256.062	2238.147	2219.685	2199.582	2110.280	2107.272	2092.502	2105.220	2148.982
15.0	2177.291	2160.470	2148.982	2117.528	2061.322	2030.825	2034.244	2023.440	2075.134
17.5	2147.615	2127.511	2081.014	2053.800	2015.645	1937.421	1929.626	1877.522	1923.198
20.0	2072.399	2042.449	2029.457	1999.371	1923.882	1796.836	1726.133	1617.412	1650.233
22.5	2013.457	1988.294	1950.823	1929.899	1757.860	1566.949	1342.259	1181.297	1186.494
25.0	1964.498	1946.857	1913.488	1792.596	1541.923	1194.152	903.546	755.166	748.192
27.5	1913.899	1879.163	1835.948	1644.079	1227.658	796.193	590.785	496.971	492.321
30.0	1874.103	1842.375	1748.151	1424.586	874.964	539.092	415.328	377.993	380.592
32.5	1837.042	1787.126	1657.071	1149.844	614.855	402.473	340.385	322.197	321.923
35.0	1805.451	1729.552	1535.085	886.178	459.090	333.411	306.743	297.581	299.906
37.5	1757.724	1666.507	1407.492	677.078	366.779	300.316	287.324	283.495	284.863
40.0	1712.321	1584.180	1248.034	524.869	313.992	279.666	271.597	270.093	268.725
42.5	1644.900	1485.306	1087.483	423.943	284.999	266.127	261.751	257.922	256.554
45.0	1591.428	1402.842	962.625	358.574	268.042	255.870	252.178	249.716	246.024
47.5	1588.009	1352.926	868.400	319.052	254.913	245.614	242.468	239.049	236.588
50.0	1596.488	1318.053	790.039	293.752	243.973	234.263	230.570	229.613	226.057
52.5	1571.462	1258.017	707.438	275.426	234.126	223.459	220.451	221.681	219.493
55.0	1488.588	1150.254	621.282	258.058	223.733	212.382	211.698	215.527	214.023
57.5	1355.251	1027.721	535.946	239.186	210.331	201.031	201.852	209.510	209.237
60.0	1204.136	905.871	462.098	219.493	196.108	187.629	191.869	204.040	205.544
62.5	1047.140	781.013	397.823	198.843	177.372	168.894	170.261	182.569	183.800
65.0	875.511	651.368	338.061	173.270	148.517	131.422	123.491	126.636	125.542
67.5	695.814	519.399	279.119	138.944	105.439	77.951	63.728	55.660	52.925
70.0	527.057	397.413	220.177	95.592	57.848	31.044	13.949	8.342	7.658
72.5	380.045	288.828	155.081	53.335	20.787	8.479	5.881	5.333	5.060
75.0	255.597	185.578	90.122	19.693	7.248	4.923	3.966	3.556	3.419
77.5	146.876	95.592	35.146	6.428	4.103	2.462	1.504	0.957	0.821
80.0	58.121	38.428	8.479	3.282	1.641	0.547	0.410	0.410	0.410
82.5	16.411	9.026	3.556	1.641	0.684	0.274	0.274	0.274	0.410
85.0	5.470	3.145	1.915	0.957	0.410	0.274	0.274	0.274	0.274
87.5	1.778	1.504	1.094	0.547	0.274	0.274	0.274	0.274	0.274
90.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
92.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
95.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
97.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
100.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
102.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
105.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
107.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
110.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
112.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

IES ROAD REPORT**PHOTOMETRIC FILENAME : VWPX-L85-730-T2-XXX-SDGL-DIM-UNV_.IES****CANDELA TABULATION - (Cont.)**

115.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
117.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
120.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
122.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
125.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
127.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
130.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
132.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
135.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
137.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
140.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
142.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
145.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
147.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
150.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
152.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
155.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
157.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
160.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
162.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
165.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
167.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
170.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
172.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
175.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
177.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
180.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

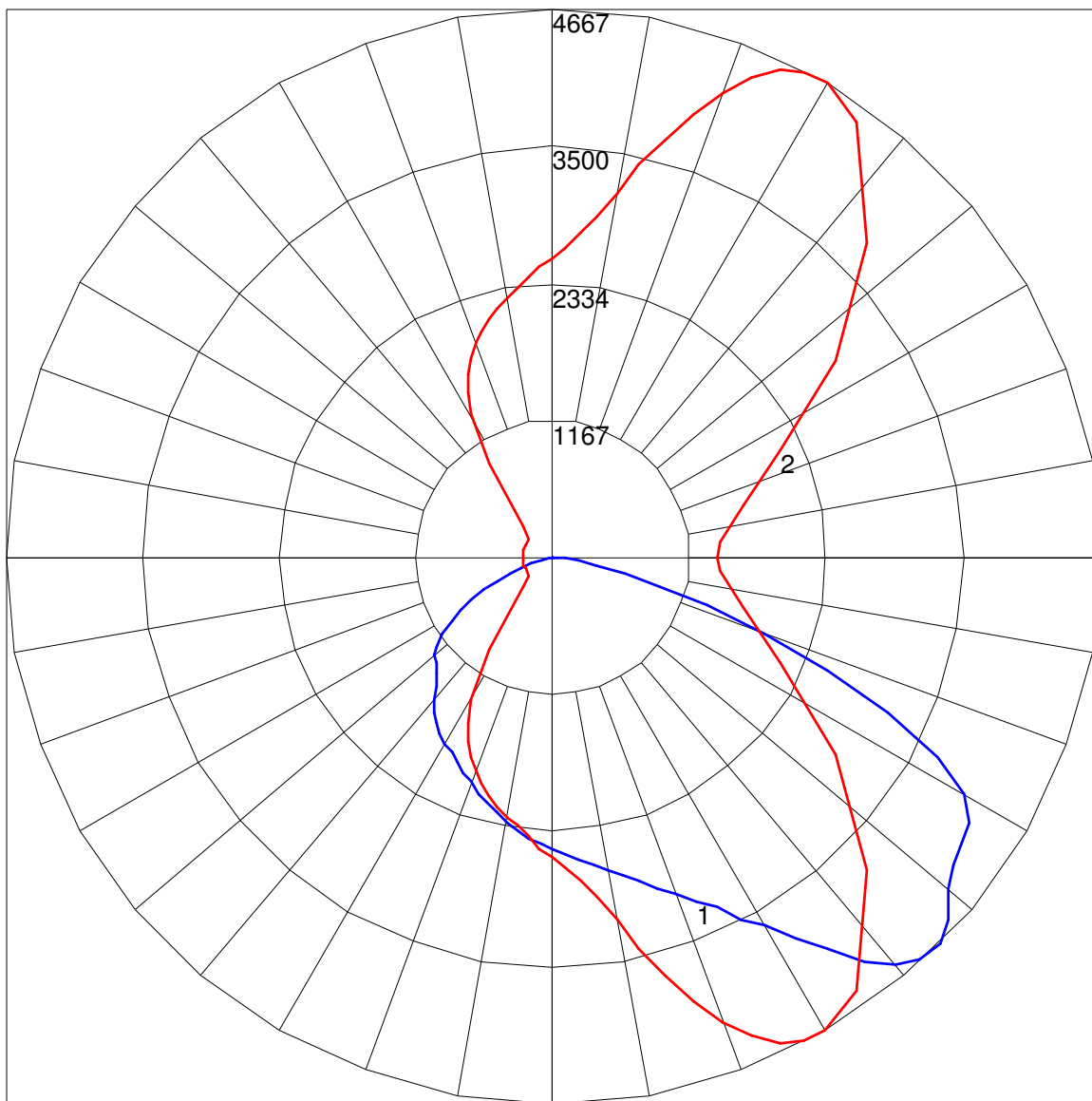
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

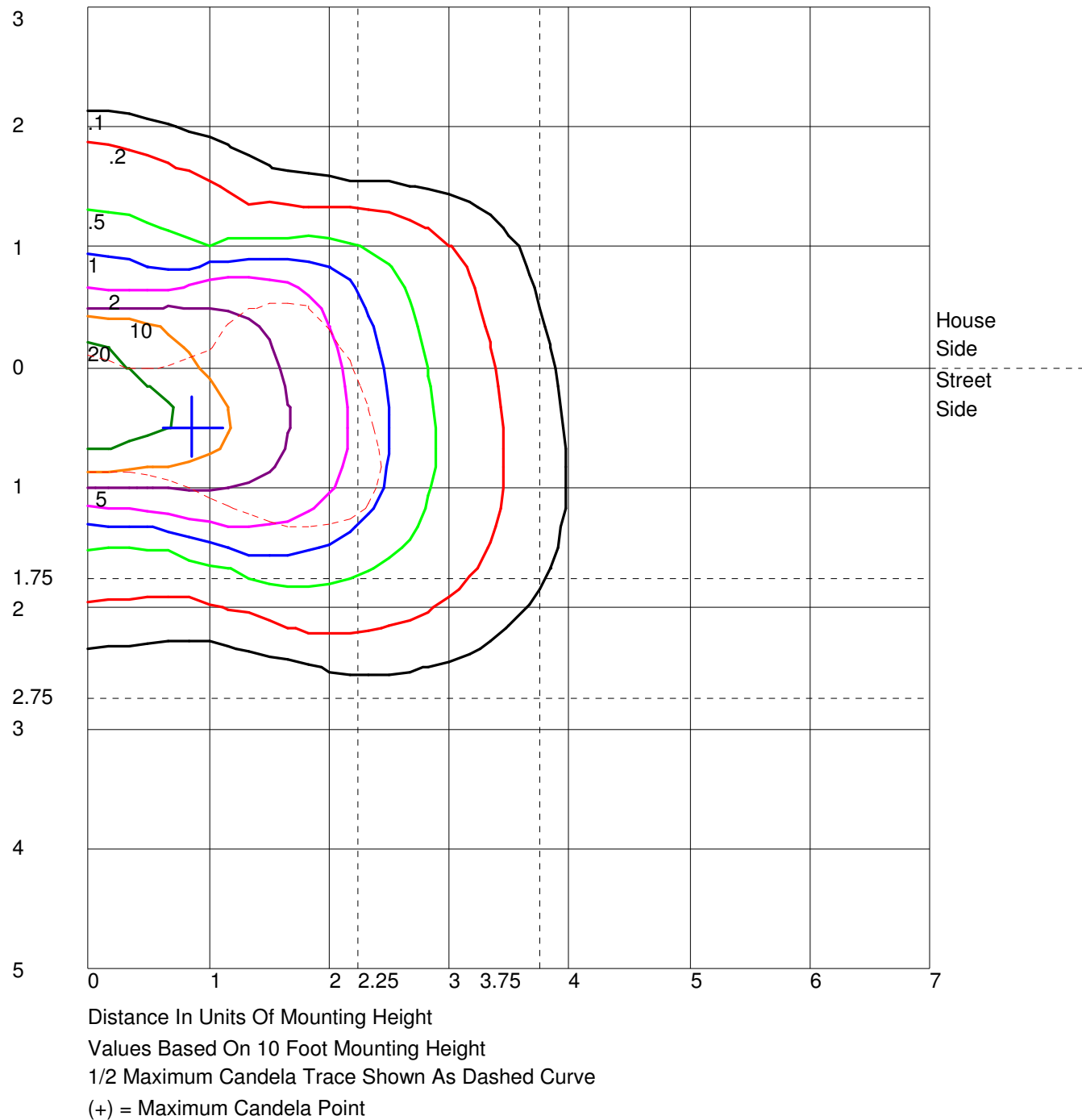
	Lumens	Percent Of Luminaire
Downward Street Side	5874.0	70.7
Downward House Side	2440.2	29.3
Downward Total	8314.2	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	8314.2	100.0

POLAR GRAPH

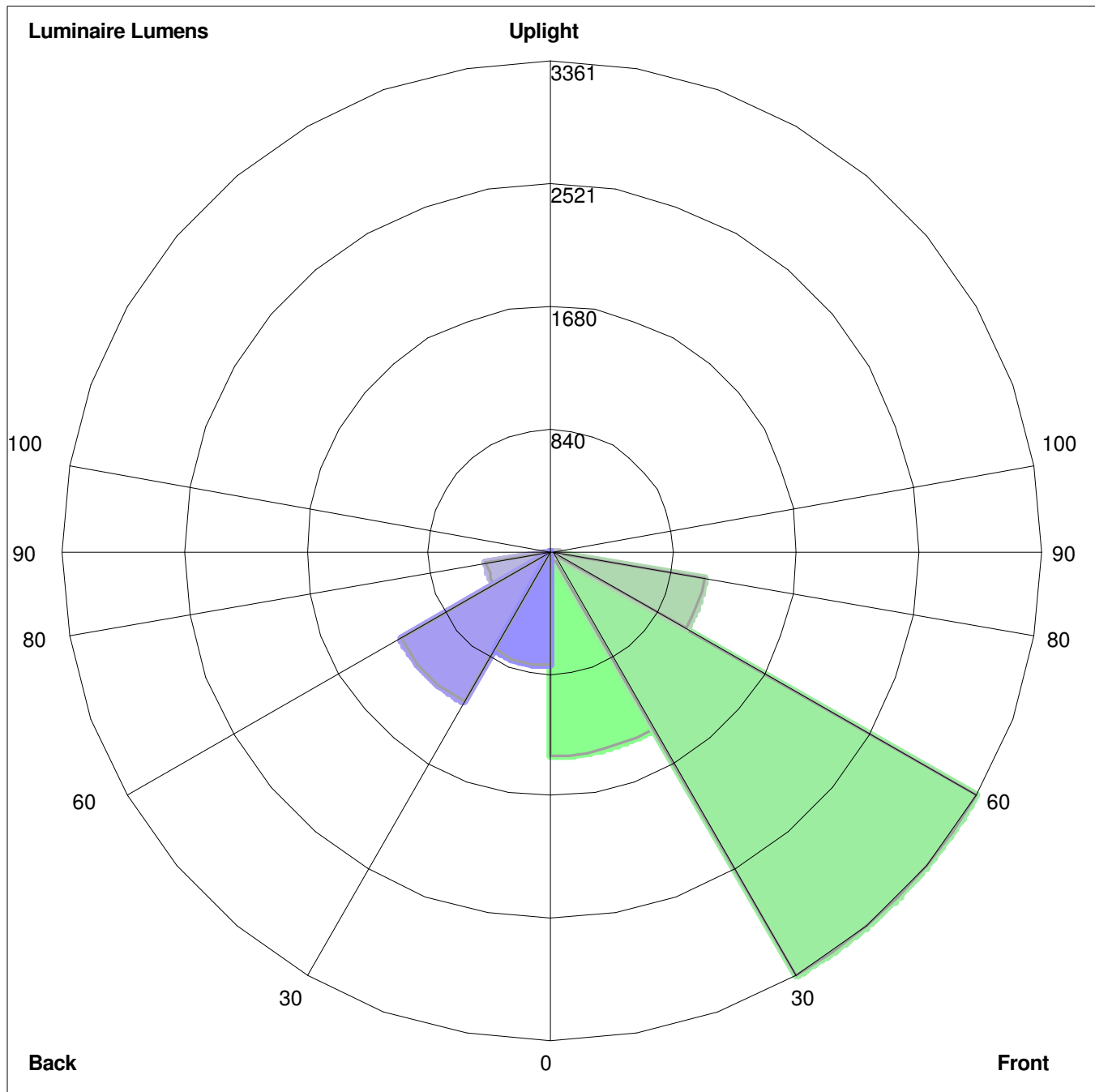


Maximum Candela = 4667.068 Located At Horizontal Angle = 60, Vertical Angle = 45
1 - Vertical Plane Through Horizontal Angles (60 - 240) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (45) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low= 1404.0, Medium=3360.8, High=1066.9, Very High=42.2
Back: Low=779.8, Medium=1194.8, High=453.2, Very High=12.4
Uplight: Low=0.0, High=0.0

BUG Rating : B2-U0-G1