



IES ROAD REPORT

PHOTOMETRIC FILENAME : VWPX-L85-750-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
[MANUFACT] H.E. WILLIAMS, INC.
[LUMCAT] VWPX-L85-750-T2-xxx-SDGL-DIM-UNV
[LUMINAIRE] CAST ALUMINUM LED WALL PACK
[LAMP] 8 White LEDs
[BALLAST] UNIVERSAL VOLTAGE DIMMING DRIVER
[SEARCH_SOURCETYPE] 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	9014
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	125
Total Luminaire Watts	72
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	5060.086
Maximum Candela Angle	60H 45V
Maximum Candela (<90 Degrees Vertical)	5060.086
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	447.93 (5.0% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : VWPX-L85-750-T2-XXX-SDGL-DIM-UNV_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1522.3	N.A.	16.9
FM - Front-Medium (30-60)	3643.8	N.A.	40.4
FH - Front-High (60-80)	1156.8	N.A.	12.8
FVH - Front-Very High (80-90)	45.8	N.A.	0.5
BL - Back-Low (0-30)	845.4	N.A.	9.4
BM - Back-Medium (30-60)	1295.4	N.A.	14.4
BH - Back-High (60-80)	491.3	N.A.	5.5
BVH - Back-Very High (80-90)	13.4	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	9014.2	N.A.	100.0
BUG Rating	B2-U0-G1		

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CANDELA TABULATION

Vert. Angles	Horizontal Angles									
	<u>0.0</u>	<u>5.0</u>	<u>15.0</u>	<u>25.0</u>	<u>35.0</u>	<u>45.0</u>	<u>55.0</u>	<u>60.0</u>	<u>62.5</u>	<u>65.0</u>
0.0	2705.671	2705.671	2705.671	2705.671	2705.671	2705.671	2705.671	2705.671	2705.671	2705.671
2.5	2891.901	2848.606	2837.040	2811.834	2823.548	2833.778	2775.804	2747.484	2746.743	2745.556
5.0	3044.918	2997.916	2978.047	2935.048	2920.518	2920.962	2849.643	2823.548	2820.582	2818.210
7.5	3261.247	3217.952	3190.076	3125.430	3078.576	3041.804	2927.931	2875.295	2863.581	2852.164
10.0	3537.775	3490.921	3447.477	3358.959	3286.453	3204.014	3013.929	2940.090	2912.659	2890.122
12.5	3813.116	3772.786	3721.484	3599.011	3501.003	3359.996	3120.833	3017.784	2977.009	2948.541
15.0	4120.485	4083.565	4008.094	3860.712	3701.616	3522.948	3260.061	3107.044	3044.325	2990.947
17.5	4363.354	4333.107	4256.450	4119.150	3929.065	3713.922	3372.896	3225.365	3150.488	3075.907
20.0	4583.242	4569.898	4479.007	4314.573	4127.602	3883.397	3503.079	3322.780	3235.744	3156.864
22.5	4677.692	4672.205	4586.504	4453.652	4289.218	4046.348	3634.152	3451.184	3353.472	3258.133
25.0	4635.582	4646.554	4581.018	4485.086	4403.388	4171.787	3799.030	3579.736	3483.062	3390.244
27.5	4489.238	4513.999	4473.817	4431.560	4411.395	4333.107	3959.016	3775.010	3654.168	3536.737
30.0	4300.339	4350.455	4311.756	4282.250	4358.610	4385.299	4144.949	3938.999	3820.975	3695.240
32.5	4078.227	4131.308	4123.450	4119.002	4283.287	4469.814	4341.707	4172.973	4061.769	3932.475
35.0	3823.199	3867.829	3877.763	3917.055	4180.683	4528.826	4595.104	4428.001	4293.073	4172.380
37.5	3420.195	3435.170	3526.654	3664.992	4075.113	4545.581	4800.016	4726.918	4591.990	4447.573
40.0	2819.841	2840.154	3012.595	3331.380	3881.766	4484.196	4957.333	4936.427	4828.484	4683.178
42.5	2133.340	2165.516	2405.865	2865.064	3564.316	4313.238	4978.239	5038.883	4996.773	4882.752
45.0	1524.387	1542.031	1814.852	2328.170	3181.032	4102.247	4898.914	5060.086	5047.334	4969.788
47.5	1029.157	1032.419	1275.289	1803.583	2753.415	3830.316	4741.004	4964.598	4993.363	4947.399
50.0	669.597	676.121	858.793	1320.216	2292.881	3547.709	4536.388	4791.565	4852.356	4836.936
52.5	455.789	463.054	578.410	931.446	1859.185	3254.871	4360.537	4666.423	4757.758	4758.796
55.0	351.998	352.888	414.421	649.136	1466.857	2955.362	4233.023	4628.613	4751.976	4794.382
57.5	297.137	294.320	325.161	471.209	1139.324	2639.097	4094.833	4579.684	4753.755	4820.329
60.0	259.773	257.697	274.452	366.084	884.889	2303.557	3851.667	4403.388	4609.041	4692.964
62.5	229.674	227.005	238.125	300.844	695.397	1962.531	3453.704	4006.315	4216.417	4305.973
65.0	198.833	196.609	205.357	254.880	551.128	1603.267	2919.628	3421.233	3605.535	3688.864
67.5	168.141	165.324	173.923	216.774	441.703	1265.948	2329.505	2743.481	2902.577	2962.775
70.0	136.410	134.186	142.786	181.485	352.888	975.038	1770.518	2085.152	2198.580	2241.579
72.5	105.570	103.791	112.094	146.048	276.528	720.751	1286.558	1503.628	1570.796	1601.043
75.0	77.546	77.102	84.515	112.687	209.953	514.653	900.161	1034.643	1078.384	1097.807
77.5	54.268	54.712	60.940	83.181	152.869	352.591	598.871	681.607	710.076	722.827
80.0	36.178	36.772	41.516	57.826	104.977	225.670	372.312	422.279	438.886	447.930
82.5	22.389	22.686	26.096	36.772	66.129	131.814	211.584	238.422	249.839	254.287
85.0	12.307	12.603	14.531	20.462	36.178	67.167	105.422	117.135	124.400	126.624
87.5	5.338	5.486	6.376	8.600	14.234	25.651	39.589	43.592	46.557	48.337
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. Angles

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	2705.671	2705.671	2705.671	2705.671	2705.671	2705.671	2705.671	2705.671	2705.671	2705.671
2.5	2715.012	2700.778	2706.413	2696.330	2680.465	2661.486	2656.148	2653.776	2657.631	2655.110
5.0	2781.735	2765.128	2758.753	2741.998	2721.536	2692.772	2677.944	2679.130	2669.493	2664.748
7.5	2813.762	2790.335	2780.104	2756.529	2722.722	2689.213	2665.341	2651.552	2641.914	2630.794
10.0	2833.482	2797.303	2787.369	2765.128	2732.360	2694.106	2667.714	2653.331	2636.132	2620.859
12.5	2884.784	2839.709	2807.682	2774.618	2739.329	2693.216	2658.669	2635.983	2612.853	2592.391
15.0	2915.773	2859.429	2820.137	2772.394	2726.726	2683.430	2646.362	2619.080	2588.240	2561.402
17.5	2969.003	2899.463	2848.161	2790.038	2730.284	2671.272	2628.718	2597.877	2562.589	2532.044
20.0	3038.394	2942.907	2876.481	2808.276	2736.957	2666.676	2620.563	2585.867	2542.868	2506.542
22.5	3132.399	3020.305	2929.117	2844.157	2761.866	2677.796	2621.304	2578.454	2530.710	2490.528
25.0	3250.423	3127.654	3011.557	2897.239	2797.155	2694.847	2628.718	2584.829	2529.376	2487.415
27.5	3379.272	3244.937	3117.275	2976.268	2857.947	2741.257	2654.962	2605.884	2549.541	2497.497
30.0	3546.078	3394.692	3260.802	3096.072	2945.427	2799.676	2689.658	2624.715	2556.806	2499.869
32.5	3738.684	3564.612	3400.326	3233.817	3059.004	2888.639	2764.239	2684.913	2605.439	2542.868
35.0	3982.443	3783.462	3595.898	3404.626	3201.345	3002.809	2849.792	2751.191	2664.452	2590.612
37.5	4239.399	4012.839	3783.314	3565.947	3349.766	3110.306	2933.269	2813.613	2707.154	2629.904
40.0	4477.672	4255.412	3994.750	3733.494	3492.404	3217.507	3013.039	2880.632	2750.301	2663.414
42.5	4680.064	4449.945	4167.783	3869.163	3611.763	3315.515	3086.434	2936.234	2804.569	2702.409
45.0	4791.268	4573.901	4305.380	3994.750	3713.922	3415.302	3165.167	3007.405	2871.440	2765.128
47.5	4807.133	4610.672	4343.783	4046.942	3775.900	3504.858	3274.147	3125.133	2999.547	2898.277
50.0	4720.839	4560.408	4331.921	4085.048	3843.067	3613.542	3432.057	3312.401	3205.942	3113.568
52.5	4684.364	4569.601	4380.109	4180.535	3982.443	3801.996	3655.355	3570.246	3472.980	3377.196
55.0	4751.828	4660.195	4508.958	4349.120	4189.135	4026.183	3893.776	3813.709	3718.815	3601.235
57.5	4787.709	4717.428	4597.180	4463.438	4324.507	4160.963	4027.073	3931.734	3822.309	3686.492
60.0	4669.537	4617.938	4502.434	4373.140	4228.427	4071.703	3927.434	3814.599	3701.764	3553.788
62.5	4284.177	4237.620	4139.019	4003.201	3857.450	3703.691	3559.126	3430.722	3324.115	3183.108
65.0	3667.068	3623.180	3541.333	3407.295	3274.147	3126.171	2997.916	2866.398	2775.656	2650.810
67.5	2934.307	2903.911	2827.106	2705.226	2586.312	2471.549	2362.273	2251.662	2170.853	2078.035
70.0	2220.080	2189.980	2128.003	2030.884	1932.728	1841.689	1751.095	1670.286	1606.974	1535.210
72.5	1589.181	1563.234	1518.900	1447.878	1377.004	1308.206	1245.042	1183.360	1137.841	1088.021
75.0	1086.539	1068.301	1038.499	989.865	940.342	893.785	856.124	811.049	778.281	749.368
77.5	713.189	705.034	685.462	652.694	620.667	591.606	567.883	535.411	514.505	496.712

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CANDELA TABULATION - (Cont.)

80.0	441.258	436.662	427.172	403.893	386.101	369.494	353.629	334.354	323.975	312.261
82.5	251.321	248.356	245.835	231.749	222.112	212.178	203.429	193.050	188.157	181.485
85.0	125.587	124.400	124.549	118.173	112.242	106.015	102.011	96.377	95.487	93.856
87.5	47.892	48.337	49.226	47.299	43.889	41.813	40.033	37.216	37.216	38.403
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	2705.671	2705.671	2705.671	2705.671	2705.671	2705.671	2705.671	2705.671	2705.671	2705.671
2.5	2649.328	2640.135	2632.276	2627.087	2637.466	2645.028	2646.807	2635.242	2640.283	2664.155
5.0	2655.259	2644.583	2633.314	2630.052	2639.394	2643.693	2641.766	2630.794	2630.201	2643.842
7.5	2618.487	2605.291	2593.133	2583.791	2587.053	2587.498	2577.564	2563.923	2560.216	2574.599
10.0	2607.515	2592.984	2576.971	2563.626	2563.478	2558.289	2546.279	2528.486	2516.031	2521.221
12.5	2572.078	2553.099	2536.196	2516.624	2516.921	2507.580	2488.749	2469.325	2465.470	2472.142
15.0	2536.937	2517.069	2491.121	2471.253	2462.060	2447.974	2434.630	2417.578	2398.451	2390.889
17.5	2507.580	2485.339	2455.388	2428.847	2416.540	2409.720	2395.337	2366.573	2348.335	2347.890
20.0	2483.411	2454.202	2425.140	2390.593	2377.545	2362.866	2330.987	2296.440	2277.758	2277.313
22.5	2467.101	2429.292	2387.182	2352.339	2348.632	2326.391	2288.581	2265.006	2247.214	2219.931
25.0	2453.015	2401.713	2357.825	2328.763	2315.567	2281.613	2242.914	2212.370	2173.374	2156.471

IES ROAD REPORT

PHOTOMETRIC FILENAME : VWPX-L85-750-T2-XXX-SDGL-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

27.5	2463.543	2411.944	2356.935	2321.794	2293.623	2255.072	2219.190	2172.484	2133.637	2114.362
30.0	2466.212	2409.275	2355.749	2320.460	2281.168	2249.438	2195.615	2140.902	2102.352	2075.811
32.5	2500.462	2431.516	2379.917	2334.694	2283.688	2251.217	2188.943	2132.747	2080.111	2036.222
35.0	2543.165	2468.584	2411.647	2348.187	2294.809	2249.438	2180.343	2123.258	2060.687	2019.023
37.5	2574.747	2491.121	2430.775	2359.011	2311.860	2254.034	2183.605	2120.293	2055.498	1994.409
40.0	2598.174	2513.066	2447.084	2372.504	2321.498	2255.813	2178.712	2095.531	2029.402	1951.707
42.5	2633.018	2535.455	2460.726	2381.252	2318.088	2252.848	2162.995	2084.855	1999.154	1903.074
45.0	2696.033	2592.984	2514.103	2440.709	2361.828	2292.288	2190.129	2101.907	1999.006	1878.905
47.5	2837.040	2737.253	2647.252	2567.185	2485.784	2403.048	2286.506	2182.122	2064.394	1911.229
50.0	3056.780	2960.403	2871.143	2779.511	2700.926	2603.808	2463.839	2329.208	2173.374	1972.169
52.5	3316.404	3217.062	3116.385	3009.629	2924.818	2814.206	2643.990	2478.518	2269.603	2000.489
55.0	3526.654	3408.481	3287.491	3171.246	3067.159	2943.203	2740.812	2539.013	2277.609	1946.517
57.5	3585.518	3443.622	3318.480	3197.935	3082.283	2954.472	2731.026	2486.228	2192.205	1822.414
60.0	3430.722	3286.305	3161.756	3055.742	2939.052	2826.068	2603.067	2345.963	2033.702	1649.380
62.5	3058.856	2923.631	2815.689	2723.760	2631.090	2530.710	2334.546	2096.272	1804.473	1444.320
65.0	2546.723	2426.326	2337.066	2271.975	2197.246	2125.927	1969.796	1763.846	1510.894	1208.270
67.5	1985.068	1898.032	1828.493	1778.822	1722.923	1681.110	1564.717	1394.797	1202.932	963.176
70.0	1471.009	1408.734	1355.949	1322.885	1287.448	1262.390	1174.168	1044.281	905.350	722.086
72.5	1043.392	998.910	961.990	940.046	916.322	895.119	837.293	745.957	644.688	517.470
75.0	716.451	686.204	663.815	648.543	631.195	612.957	572.776	510.205	439.331	355.408
77.5	473.285	453.565	441.406	430.879	416.941	403.597	378.242	333.909	277.566	214.550
80.0	296.544	285.721	278.010	271.190	260.663	251.173	221.222	181.633	143.231	97.563
82.5	173.330	167.696	162.506	157.613	150.645	136.559	110.166	71.764	52.488	30.099
85.0	89.853	87.332	84.219	80.957	72.653	58.419	38.403	27.134	16.013	9.489
87.5	36.920	36.623	34.844	31.434	24.910	16.903	11.417	6.672	4.152	2.521
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-L85-750-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.
Angles

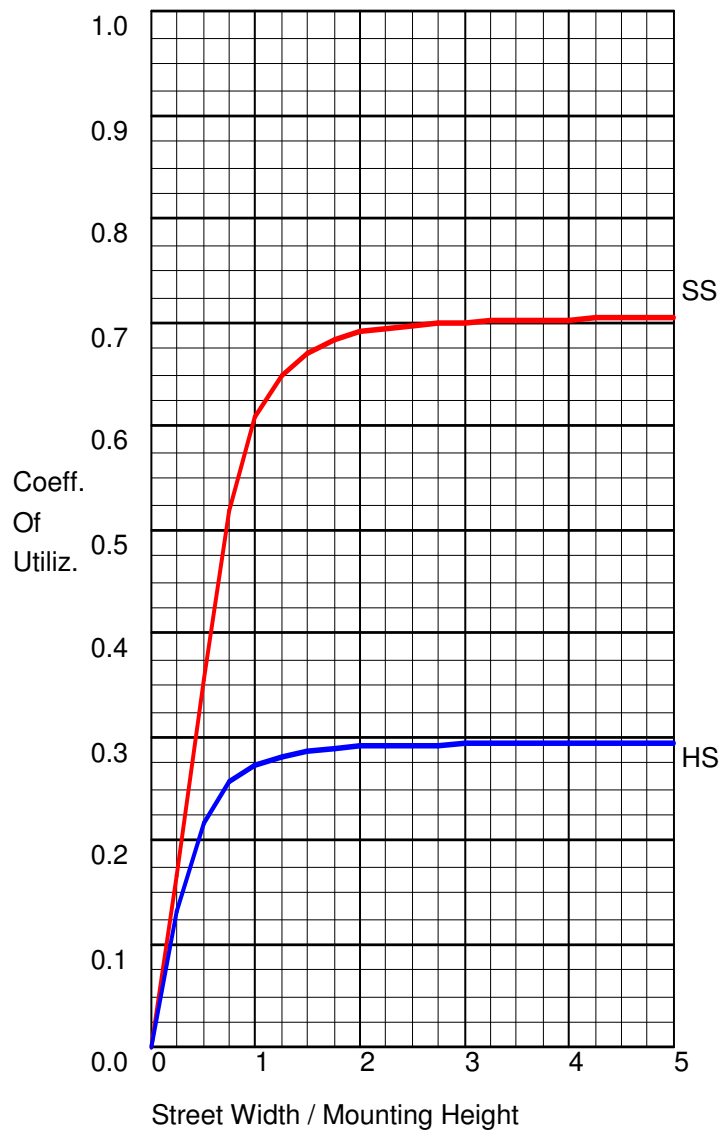
Horizontal Angles

	117.5	120.0	125.0	135.0	145.0	155.0	165.0	175.0	180.0
0.0	2705.671	2705.671	2705.671	2705.671	2705.671	2705.671	2705.671	2705.671	2705.671
2.5	2657.928	2651.997	2661.190	2680.020	2645.473	2626.642	2640.135	2655.703	2692.178
5.0	2632.276	2621.453	2619.673	2616.263	2561.847	2527.003	2531.896	2556.065	2592.391
7.5	2559.178	2548.206	2550.727	2561.106	2499.869	2435.964	2431.071	2458.650	2504.318
10.0	2503.428	2487.711	2468.880	2447.826	2417.282	2366.424	2331.136	2351.152	2394.003
12.5	2446.047	2426.623	2406.606	2384.810	2287.988	2284.726	2268.713	2282.502	2329.949
15.0	2360.642	2342.404	2329.949	2295.847	2234.907	2201.842	2205.549	2193.836	2249.882
17.5	2328.467	2306.671	2256.258	2226.752	2185.384	2100.572	2092.121	2035.629	2085.152
20.0	2246.917	2214.445	2200.360	2167.740	2085.893	1948.148	1871.492	1753.615	1789.201
22.5	2183.012	2155.730	2115.103	2092.417	1905.891	1698.903	1455.292	1280.775	1286.410
25.0	2129.930	2110.803	2074.625	1943.552	1671.769	1294.713	979.634	818.759	811.197
27.5	2075.070	2037.408	1990.554	1782.528	1331.040	863.241	640.536	538.821	533.780
30.0	2031.922	1997.523	1895.364	1544.552	948.646	584.489	450.303	409.824	412.642
32.5	1991.741	1937.621	1796.614	1246.673	666.632	436.365	369.050	349.329	349.033
35.0	1957.490	1875.199	1664.355	960.804	497.750	361.488	332.575	322.640	325.161
37.5	1905.743	1806.845	1526.018	734.096	397.666	325.606	311.520	307.368	308.851
40.0	1856.516	1717.585	1353.132	569.069	340.433	303.217	294.469	292.838	291.355
42.5	1783.418	1610.384	1179.061	459.644	308.999	288.538	283.793	279.641	278.159
45.0	1725.444	1520.976	1043.688	388.770	290.614	277.417	273.414	270.745	266.742
47.5	1721.737	1466.857	941.528	345.919	276.379	266.297	262.887	259.180	256.511
50.0	1730.930	1429.048	856.569	318.489	264.518	253.990	249.987	248.949	245.094
52.5	1703.796	1363.956	767.012	298.620	253.842	242.277	239.015	240.349	237.977
55.0	1613.943	1247.118	673.601	279.790	242.573	230.267	229.525	233.677	232.046
57.5	1469.378	1114.266	581.079	259.328	228.043	217.960	218.850	227.153	226.856
60.0	1305.537	982.155	501.012	237.977	212.622	203.429	208.026	221.222	222.853
62.5	1135.320	846.783	431.324	215.588	192.309	183.116	184.599	197.943	199.278
65.0	949.239	706.221	366.529	187.861	161.024	142.490	133.890	137.300	136.114
67.5	754.409	563.138	302.624	150.645	114.318	84.515	69.095	60.347	57.381
70.0	571.441	430.879	238.718	103.642	62.719	33.658	15.124	9.045	8.303
72.5	412.048	313.151	168.141	57.826	22.537	9.193	6.376	5.783	5.486
75.0	277.121	201.205	97.711	21.351	7.858	5.338	4.300	3.855	3.707
77.5	159.244	103.642	38.106	6.969	4.448	2.669	1.631	1.038	0.890
80.0	63.016	41.664	9.193	3.559	1.779	0.593	0.445	0.445	0.445
82.5	17.793	9.786	3.855	1.779	0.741	0.297	0.297	0.297	0.445
85.0	5.931	3.410	2.076	1.038	0.445	0.297	0.297	0.297	0.297
87.5	1.928	1.631	1.186	0.593	0.297	0.297	0.297	0.297	0.297
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-L85-750-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

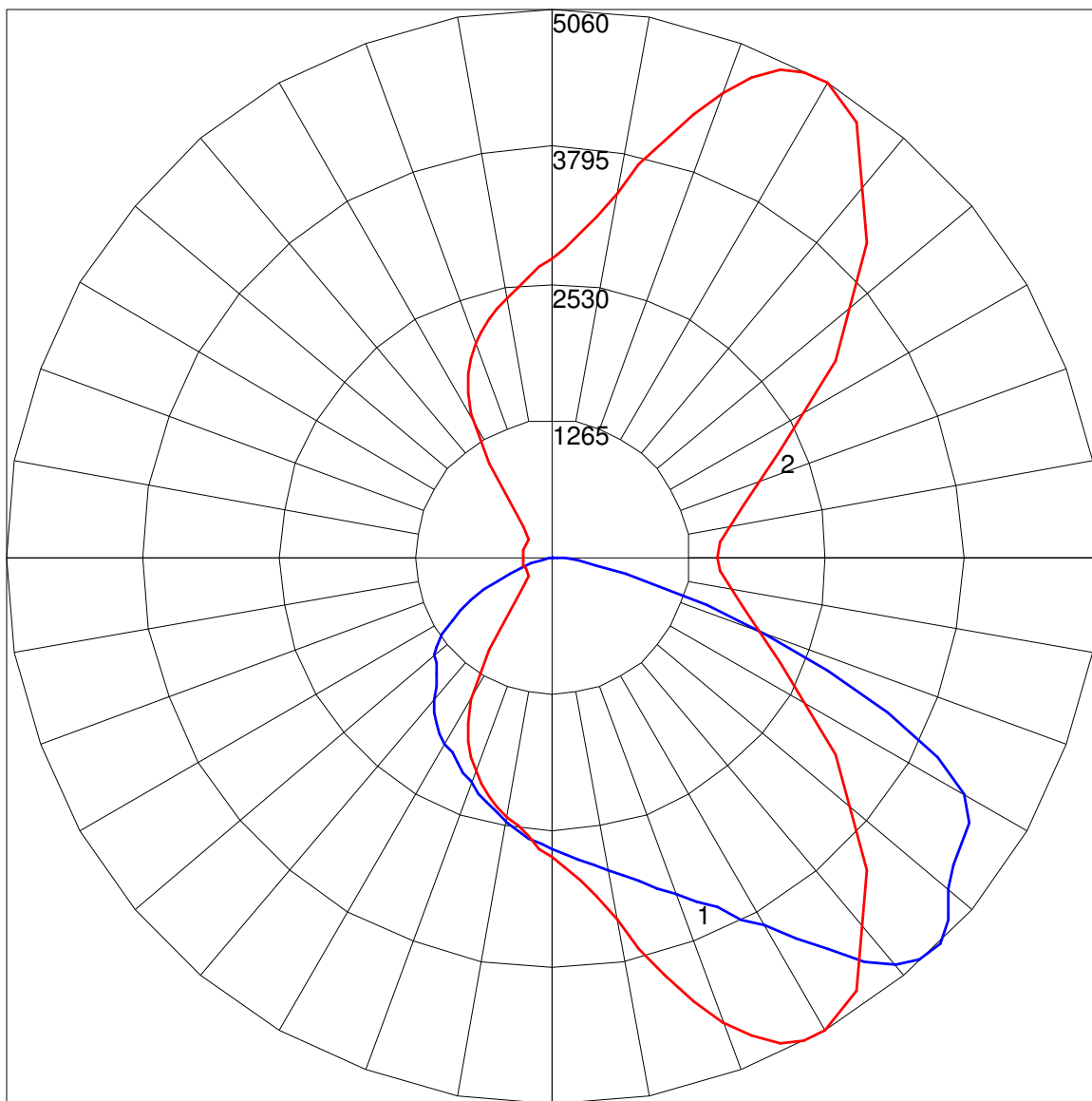
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

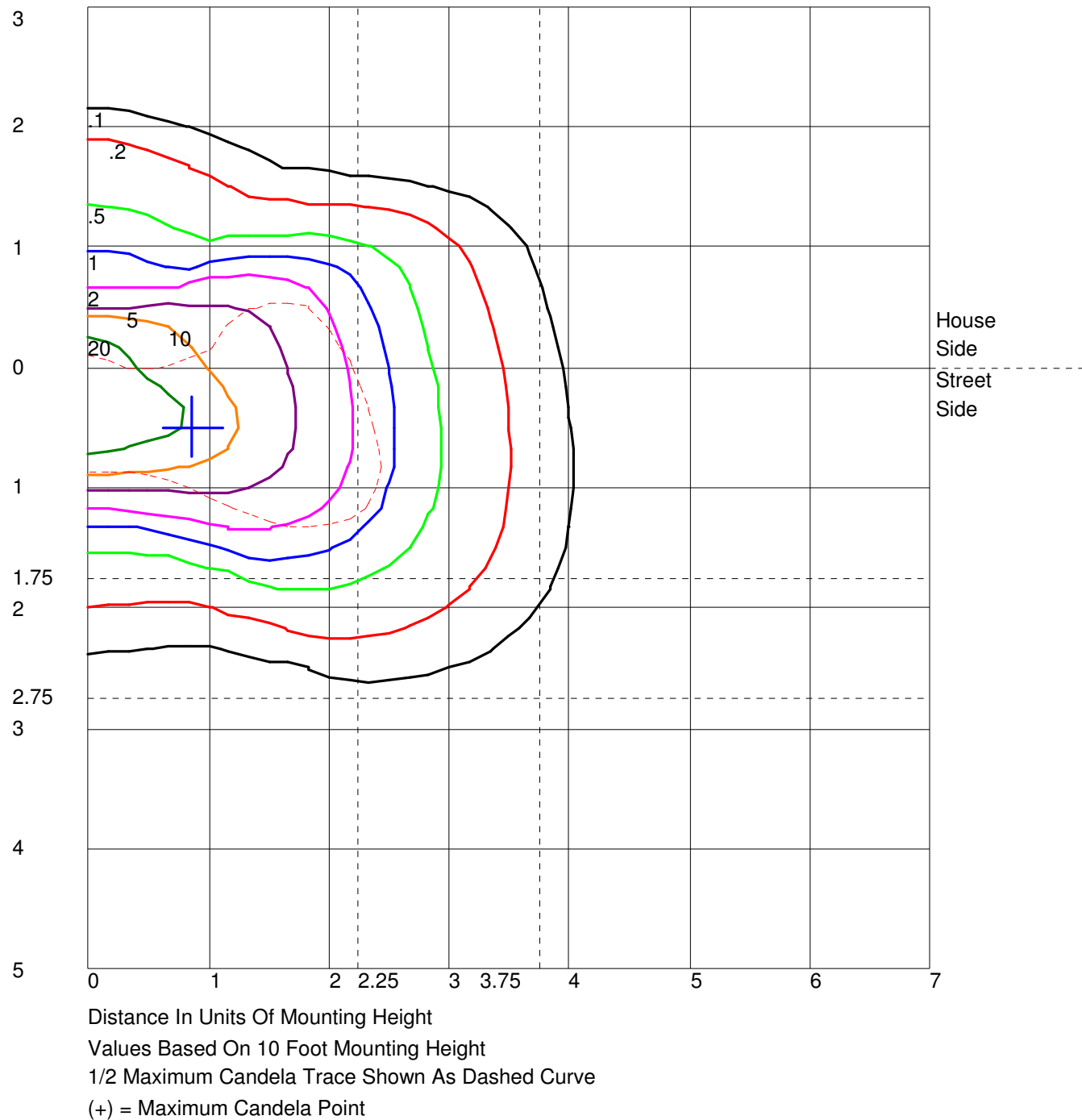
	Lumens	Percent Of Luminaire
Downward Street Side	6368.6	70.7
Downward House Side	2645.6	29.3
Downward Total	9014.2	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	9014.2	100.0

POLAR GRAPH

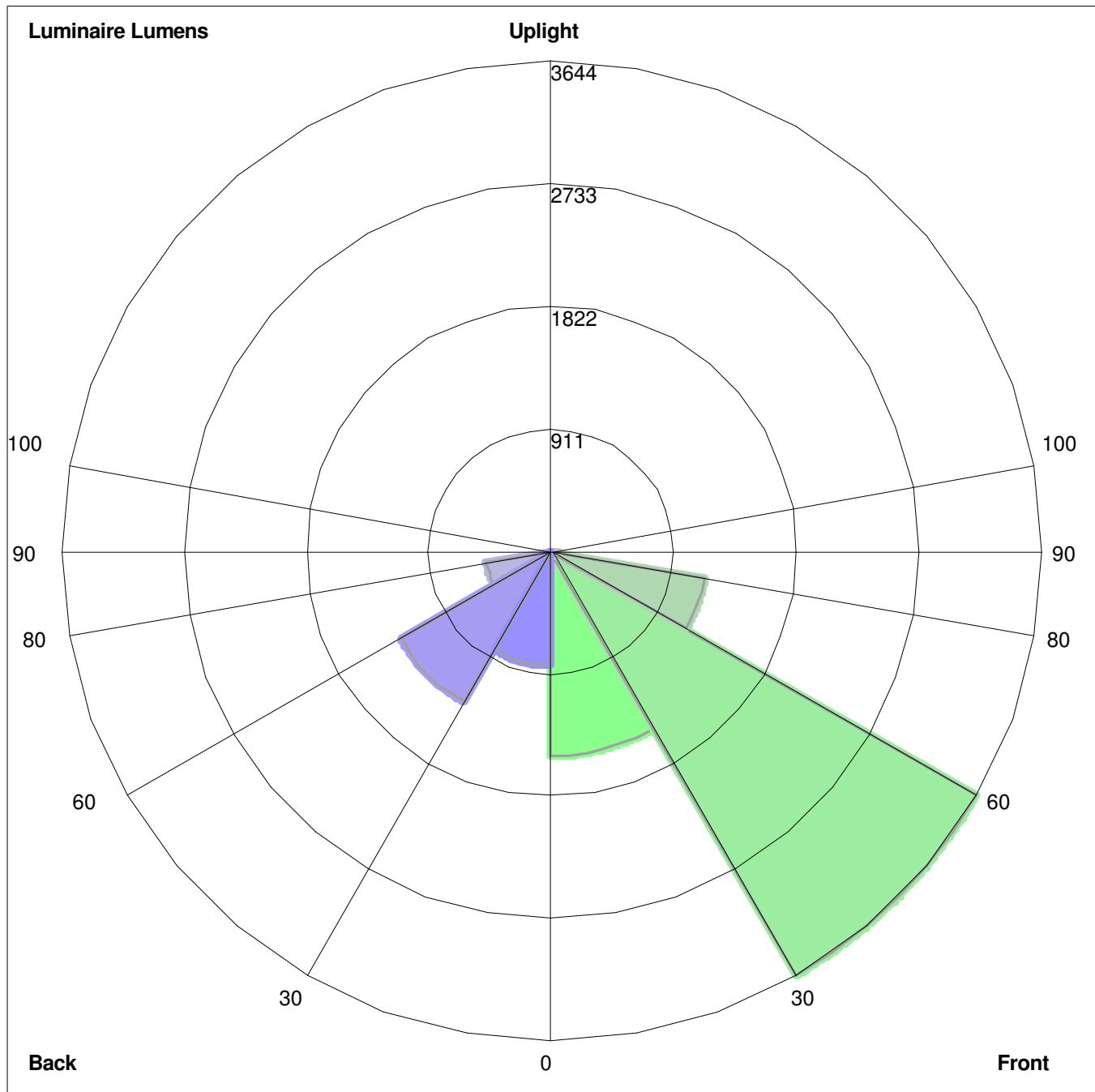


Maximum Candela = 5060.086 Located At Horizontal Angle = 60, Vertical Angle = 45
1 - Vertical Plane Through Horizontal Angles (60 - 240) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (45) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=1522.3, Medium=3643.8, High=1156.8, Very High=45.8
Back: Low=845.4, Medium=1295.4, High=491.3, Very High=13.4
Uplight: Low=0.0, High=0.0

BUG Rating : B2-U0-G1