



## IES ROAD REPORT

PHOTOMETRIC FILENAME : VWPX-L85-750-T2-XXX-CGL-DIM-UNV\_.IES

### DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002  
[TEST] GEN FROM 14773930.01  
[TESTLAB] UL Verification Services Inc.  
[ISSUE DATE] 2024-01-31  
[TEST DATE] 4/25/2023  
[MANUFAC] H.E. WILLIAMS, INC.  
[LUMCAT] VWPx-L85-750-T2-xxx-CGL-DIM-UNV  
[LUMINAIRE] CAST ALUMINUM LED WALL PACK  
[LAMP] 8 white LEDs  
[BALLAST] UNIVERSAL VOLTAGE LED 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	9199
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	128
Total Luminaire Watts	72
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	5197.305
Maximum Candela Angle	60H 45V
Maximum Candela (<90 Degrees Vertical)	5197.305
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	341.231 (3.7% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

**IES ROAD REPORT****PHOTOMETRIC FILENAME : VWPX-L85-750-T2-XXX-CGL-DIM-UNV\_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1479.3	N.A.	16.1
FM - Front-Medium (30-60)	3667.1	N.A.	39.9
FH - Front-High (60-80)	1417.5	N.A.	15.4
FVH - Front-Very High (80-90)	24.5	N.A.	0.3
BL - Back-Low (0-30)	823.9	N.A.	9.0
BM - Back-Medium (30-60)	1253.6	N.A.	13.6
BH - Back-High (60-80)	530.3	N.A.	5.8
BVH - Back-Very High (80-90)	3.2	N.A.	0.0
UL - Uplight-Low (90-100)	0.0	N.A.	0.0
UH - Uplight-High (100-180)	0.0	N.A.	0.0
Total	9199.4	N.A.	100.0
BUG Rating	B2-U0-G2		

# IES ROAD REPORT

PHOTOMETRIC FILENAME : VWPX-L85-750-T2-XXX-CGL-DIM-UNV\_.IES

## 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	2660.902	2660.902	2660.902	2660.902	2660.902	2660.902	2660.902	2660.902	2660.902	2660.902
2.5	2765.615	2789.054	2773.377	2747.504	2746.286	2759.375	2736.850	2717.216	2702.757	2697.887
5.0	2884.026	2909.139	2888.745	2853.891	2843.541	2840.041	2797.729	2767.746	2747.047	2737.458
7.5	3024.963	3053.120	3024.963	2972.454	2940.797	2917.206	2854.500	2817.059	2789.967	2775.356
10.0	3295.726	3318.860	3275.940	3183.859	3094.366	3015.679	2908.226	2856.783	2822.386	2802.295
12.5	3566.793	3594.493	3539.397	3426.161	3308.358	3173.814	2976.411	2896.355	2850.847	2820.559
15.0	3866.626	3894.935	3824.467	3671.050	3509.718	3343.060	3086.604	2959.061	2894.072	2847.803
17.5	4165.850	4206.030	4119.429	3937.551	3731.473	3507.740	3213.843	3058.143	2969.410	2902.138
20.0	4446.353	4503.885	4402.368	4194.615	3946.987	3683.986	3331.949	3166.052	3068.340	2983.108
22.5	4637.211	4713.159	4612.859	4407.999	4147.738	3852.623	3457.666	3270.004	3167.270	3074.276
25.0	4676.479	4757.905	4681.654	4534.477	4305.873	4018.064	3601.038	3397.395	3283.702	3182.185
27.5	4527.628	4623.666	4597.335	4526.562	4403.585	4173.460	3755.064	3552.943	3431.031	3316.273
30.0	4303.895	4401.911	4374.211	4365.079	4387.452	4297.198	3929.332	3734.364	3600.733	3476.234
32.5	4141.802	4240.884	4188.984	4160.979	4296.589	4407.542	4150.173	3939.529	3803.311	3671.811
35.0	4002.388	4091.576	4027.805	3991.277	4169.503	4512.103	4414.848	4213.488	4046.221	3907.567
37.5	3749.584	3836.186	3834.207	3836.947	4078.183	4593.682	4722.139	4528.845	4356.251	4171.633
40.0	3236.977	3310.946	3439.250	3627.977	3997.822	4608.293	4980.878	4846.333	4677.696	4478.011
42.5	2532.141	2588.760	2837.301	3261.024	3837.403	4506.776	5099.897	5098.071	4960.483	4780.888
45.0	1876.314	1934.607	2198.368	2738.219	3520.068	4250.168	5054.999	5197.305	5107.660	4960.635
47.5	1118.970	1201.005	1542.084	2158.187	3066.057	3961.294	4884.688	5067.936	5052.107	4971.441
50.0	721.273	760.388	982.752	1586.679	2608.546	3733.603	4705.701	4877.991	4904.473	4852.269
52.5	357.973	373.345	581.706	1085.182	2161.079	3503.326	4421.849	4656.693	4731.575	4725.183
55.0	303.181	302.268	326.163	675.309	1719.549	3210.494	4034.197	4332.052	4436.156	4416.066
57.5	268.632	267.110	272.741	404.698	1293.695	2881.287	3805.898	4202.378	4294.763	4286.696
60.0	241.388	238.953	242.910	279.286	905.891	2578.867	4006.345	4432.808	4554.871	4598.705
62.5	222.059	218.406	219.167	235.300	629.801	2257.878	4157.327	4793.520	5026.690	5158.342
65.0	205.013	201.816	199.077	211.405	461.773	1841.156	3829.793	4705.244	5029.277	5184.977
67.5	186.292	184.770	181.574	192.837	370.301	1578.003	3232.106	4020.499	4226.577	4307.547
70.0	164.071	163.462	163.158	175.790	295.419	1276.344	2681.145	3338.646	3452.035	3416.877
72.5	138.501	138.349	140.023	160.114	244.432	1053.372	1916.647	2269.445	2359.395	2348.437
75.0	109.431	110.497	113.997	145.959	199.838	764.802	1087.769	1302.979	1424.434	1436.001
77.5	76.708	79.144	84.775	117.802	150.221	403.633	636.954	645.934	634.367	607.276
80.0	41.855	45.660	49.313	78.078	106.692	184.466	341.231	256.304	205.621	175.943
82.5	24.200	25.874	27.548	46.421	69.860	93.603	153.265	122.064	103.039	91.167
85.0	12.328	12.937	13.241	23.743	42.464	56.618	55.705	51.900	47.182	44.899
87.5	4.870	5.327	5.327	8.675	14.763	19.786	14.763	16.742	16.590	16.285
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

# IES ROAD REPORT

PHOTOMETRIC FILENAME : VWPX-L85-750-T2-XXX-CGL-DIM-UNV\_.IES

## 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	2660.902	2660.902	2660.902	2660.902	2660.902	2660.902	2660.902	2660.902	2660.902	2660.902
2.5	2682.971	2670.491	2677.644	2668.512	2653.901	2642.334	2630.310	2637.768	2643.399	2638.529
5.0	2715.542	2700.017	2701.539	2686.015	2667.447	2650.096	2632.593	2634.572	2635.333	2626.809
7.5	2749.330	2725.282	2722.999	2702.148	2677.340	2655.575	2631.223	2629.701	2624.831	2611.437
10.0	2769.268	2742.633	2736.089	2710.063	2679.775	2650.248	2623.765	2615.699	2605.806	2587.085
12.5	2782.205	2750.548	2737.763	2706.562	2673.230	2639.138	2606.871	2594.543	2580.693	2556.950
15.0	2793.620	2754.200	2738.067	2700.778	2663.337	2624.679	2586.172	2570.343	2550.862	2524.684
17.5	2825.277	2770.942	2743.394	2699.256	2657.554	2613.872	2572.322	2550.558	2526.662	2496.831
20.0	2879.308	2803.513	2757.244	2704.127	2653.901	2605.045	2557.559	2533.816	2507.029	2472.631
22.5	2954.038	2852.826	2782.814	2713.867	2655.575	2598.348	2546.600	2518.443	2487.699	2450.410
25.0	3052.359	2935.165	2835.779	2743.394	2671.556	2604.132	2544.926	2514.334	2478.111	2438.234
27.5	3172.596	3046.271	2923.903	2799.860	2707.019	2628.027	2559.233	2523.466	2484.503	2439.756
30.0	3317.643	3179.598	3040.183	2886.309	2766.376	2668.969	2590.129	2548.579	2505.202	2457.259
32.5	3499.369	3349.300	3190.556	3013.244	2862.719	2736.697	2642.029	2594.543	2545.839	2493.483
35.0	3717.927	3549.442	3371.673	3171.379	2992.240	2828.169	2715.237	2658.010	2601.544	2544.774
37.5	3954.901	3763.587	3564.967	3339.103	3131.807	2924.511	2784.640	2710.976	2646.748	2584.955
40.0	4204.661	3981.384	3743.953	3491.606	3257.372	3016.592	2837.606	2742.024	2669.577	2602.001
42.5	4487.447	4210.444	3926.136	3637.718	3371.217	3103.955	2891.332	2770.790	2686.928	2616.916
45.0	4724.422	4417.588	4087.619	3769.218	3481.257	3194.970	2962.105	2817.059	2721.782	2645.987
47.5	4792.911	4537.673	4187.614	3837.099	3556.139	3281.419	3044.597	2885.548	2784.031	2705.497
50.0	4748.165	4543.152	4187.310	3838.773	3567.858	3329.210	3125.871	2972.454	2886.614	2820.103
52.5	4623.057	4392.018	4013.042	3742.431	3555.226	3396.786	3282.941	3199.231	3167.117	3135.764
55.0	4302.981	4105.731	3870.735	3717.318	3664.505	3615.801	3592.819	3573.033	3571.511	3544.724
57.5	4189.593	4108.775	4041.655	3988.994	3977.427	3966.012	3957.032	3916.547	3861.755	3782.003
60.0	4559.742	4571.461	4542.543	4461.573	4372.841	4314.244	4198.573	4076.509	3966.164	3843.948
62.5	5182.694	5189.543	5090.461	4883.774	4652.127	4444.527	4263.562	4074.226	3856.581	3649.285
65.0	5178.889	5074.328	4871.903	4626.862	4349.859	4131.909	3956.728	3790.069	3565.728	3359.345
67.5	4306.178	4178.787	3991.734	3801.637	3597.081	3393.590	3240.477	3117.652	2962.714	2825.277
70.0	3331.949	3185.838	3016.744	2846.281	2691.038	2509.768	2360.765	2254.073	2121.051	2015.120
72.5	2268.228	2135.510	2000.509	1885.598	1774.188	1653.494	1543.911	1471.920	1371.317	1304.501
75.0	1379.231	1268.582	1162.499	1073.615	981.838	866.928	750.039	691.898	630.562	596.469
77.5	554.158	461.469	378.216	294.049	226.929	184.313	156.004	146.111	136.523	131.957

# IES ROAD REPORT

PHOTOMETRIC FILENAME : VWPX-L85-750-T2-XXX-CGL-DIM-UNV\_.IES

## CANDELA TABULATION - (Cont.)

80.0	154.939	142.002	133.479	122.216	110.953	99.691	89.645	83.710	78.687	75.643
82.5	86.906	82.035	75.795	70.468	64.076	56.162	49.769	45.964	43.529	41.855
85.0	43.072	40.637	38.050	35.767	32.114	27.700	23.743	21.460	19.786	18.721
87.5	15.829	15.372	15.068	13.698	12.024	10.045	8.523	7.610	6.849	6.392
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	2660.902	2660.902	2660.902	2660.902	2660.902	2660.902	2660.902	2660.902	2660.902	2660.902
2.5	2633.202	2619.504	2602.458	2606.110	2606.719	2613.264	2612.959	2599.261	2604.893	2612.046
5.0	2618.591	2598.653	2578.410	2577.801	2578.562	2581.150	2578.562	2563.494	2569.887	2576.584
7.5	2598.805	2575.214	2553.906	2552.688	2547.970	2549.797	2548.275	2531.685	2536.403	2539.599
10.0	2573.235	2546.753	2523.770	2518.291	2515.399	2515.247	2513.116	2494.396	2495.918	2497.744
12.5	2538.229	2511.899	2486.938	2480.850	2474.153	2473.697	2468.522	2446.301	2443.714	2438.234
15.0	2503.680	2475.523	2449.193	2440.517	2432.755	2429.255	2416.774	2392.879	2384.812	2370.506
17.5	2472.936	2443.409	2416.318	2405.055	2394.097	2386.943	2367.766	2338.239	2323.172	2300.646
20.0	2444.779	2413.274	2384.965	2371.571	2355.134	2342.805	2317.388	2281.165	2256.965	2226.982
22.5	2420.579	2387.400	2356.351	2337.783	2314.801	2296.993	2262.901	2221.198	2191.215	2159.709
25.0	2406.577	2369.745	2333.978	2308.713	2280.404	2253.617	2211.001	2166.406	2134.597	2102.635

# IES ROAD REPORT

PHOTOMETRIC FILENAME : VWPX-L85-750-T2-XXX-CGL-DIM-UNV\_.IES

## CANDELA TABULATION - (Cont.)

27.5	2406.273	2364.570	2324.694	2290.449	2254.073	2220.741	2170.516	2122.268	2086.349	2060.171
30.0	2420.123	2374.158	2328.194	2286.339	2243.115	2200.195	2142.511	2092.742	2057.127	2026.383
32.5	2453.454	2400.793	2350.415	2300.494	2248.290	2197.759	2133.683	2084.219	2040.842	1999.748
35.0	2500.636	2441.887	2386.030	2327.129	2265.336	2208.718	2142.968	2088.480	2034.449	1981.941
37.5	2537.621	2474.914	2413.274	2349.502	2282.230	2222.416	2152.100	2091.829	2027.753	1963.524
40.0	2553.906	2485.416	2419.818	2349.502	2280.860	2218.611	2144.337	2077.217	2004.618	1930.649
42.5	2563.190	2488.765	2417.079	2341.436	2270.054	2206.282	2123.638	2050.126	1974.787	1886.207
45.0	2590.282	2509.768	2430.472	2347.980	2271.880	2203.086	2110.549	2029.883	1945.261	1837.047
47.5	2644.160	2558.320	2470.805	2374.767	2293.645	2216.023	2114.202	2025.317	1922.887	1787.278
50.0	2770.790	2694.995	2615.851	2523.162	2441.126	2365.940	2250.420	2139.619	2015.424	1843.591
52.5	3111.869	3054.033	2986.457	2889.049	2790.880	2715.998	2579.171	2449.497	2288.318	2051.800
55.0	3509.109	3430.118	3333.319	3224.649	3116.435	3020.549	2855.413	2690.124	2454.672	2088.480
57.5	3710.926	3605.452	3493.433	3368.477	3237.738	3102.433	2891.028	2631.528	2284.361	1850.136
60.0	3708.643	3551.269	3402.113	3234.846	3083.408	2896.355	2647.052	2365.179	2010.554	1571.763
62.5	3446.403	3235.455	3076.711	2933.948	2811.884	2659.380	2447.975	2180.561	1818.174	1370.403
65.0	3174.271	2978.238	2838.214	2726.043	2626.962	2499.723	2316.170	2051.952	1671.454	1238.294
67.5	2728.022	2571.865	2459.999	2390.292	2344.784	2264.270	2132.770	1884.381	1531.887	1145.453
70.0	1964.285	1860.333	1789.256	1761.404	1777.689	1739.335	1701.741	1535.996	1258.385	952.768
72.5	1266.756	1197.353	1146.670	1122.471	1140.582	1127.037	1140.278	1030.542	836.336	615.342
75.0	590.077	549.135	528.132	534.524	574.705	566.334	579.728	507.281	360.256	235.909
77.5	132.413	125.869	123.129	124.651	132.413	135.914	155.700	146.720	112.475	82.492
80.0	75.034	72.904	72.295	70.773	70.012	65.141	56.009	42.311	32.114	24.504
82.5	41.703	41.550	41.398	40.789	39.267	31.353	19.786	14.155	9.589	6.545
85.0	19.329	19.329	19.177	18.568	15.524	9.893	6.697	4.718	3.348	2.283
87.5	6.697	6.392	6.088	5.175	3.653	2.740	2.131	1.826	1.522	1.370
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-CGL-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

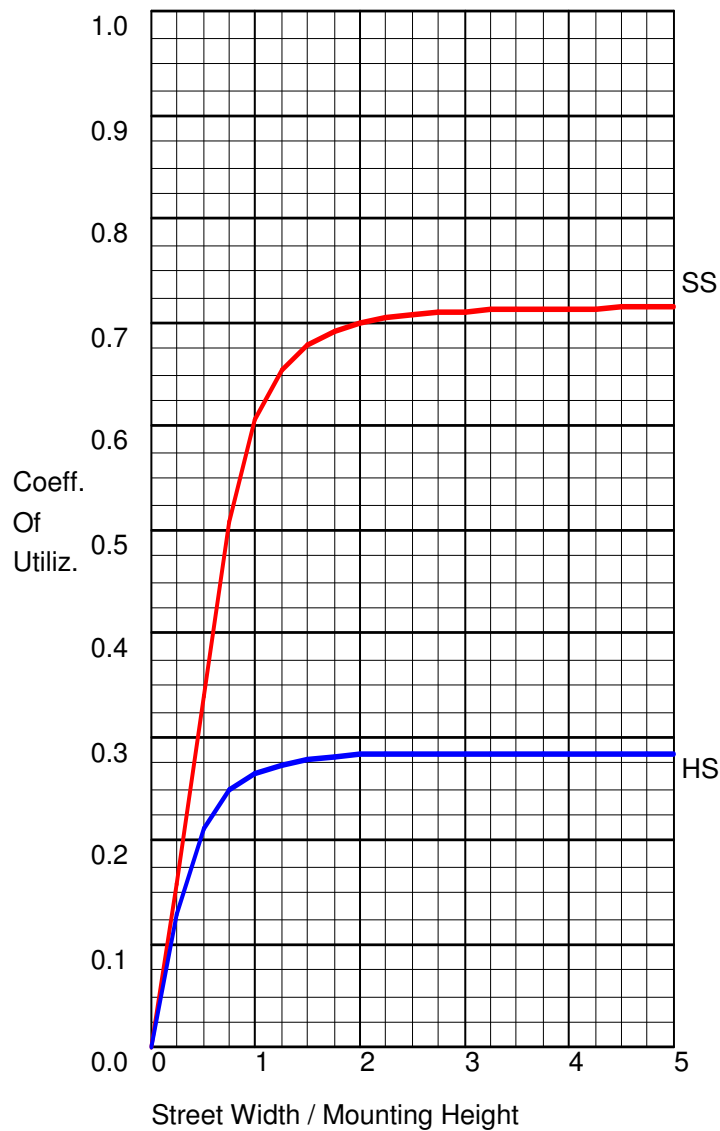
	<u>117.5</u>	<u>120.0</u>	<u>125.0</u>	<u>135.0</u>	<u>145.0</u>	<u>155.0</u>	<u>165.0</u>	<u>175.0</u>	<u>180.0</u>
0.0	2660.902	2660.902	2660.902	2660.902	2660.902	2660.902	2660.902	2660.902	2660.902
2.5	2609.154	2615.394	2622.396	2622.091	2596.674	2587.846	2605.654	2619.808	2593.326
5.0	2572.626	2574.757	2579.628	2576.736	2543.709	2524.531	2534.881	2544.165	2523.466
7.5	2536.251	2536.555	2534.272	2516.617	2466.087	2429.863	2424.536	2424.841	2406.425
10.0	2488.156	2482.524	2472.479	2429.559	2357.569	2307.495	2301.864	2306.278	2289.079
12.5	2424.993	2413.578	2387.248	2318.301	2249.659	2230.634	2262.140	2287.100	2273.859
15.0	2352.394	2332.456	2291.058	2226.221	2207.652	2213.436	2212.523	2209.022	2197.455
17.5	2275.533	2250.268	2206.130	2185.431	2172.038	2110.092	2063.367	2037.798	2028.666
20.0	2200.347	2174.929	2147.686	2146.925	2060.932	1939.781	1843.287	1764.904	1759.729
22.5	2133.836	2117.398	2105.983	2057.736	1896.861	1662.931	1320.025	1071.788	1064.330
25.0	2082.697	2071.890	2053.779	1926.083	1645.276	1093.248	772.412	654.610	652.327
27.5	2040.385	2023.948	1981.027	1755.924	1206.485	681.549	493.735	428.746	426.919
30.0	1998.378	1972.961	1889.708	1494.750	771.042	458.272	369.388	351.581	353.103
32.5	1960.176	1918.778	1784.538	1161.281	529.502	358.582	332.708	326.316	328.599
35.0	1928.671	1862.007	1655.016	824.921	396.327	324.946	313.683	309.878	311.552
37.5	1892.904	1800.519	1490.184	580.184	337.122	306.225	299.072	297.093	297.093
40.0	1841.004	1715.896	1308.458	447.466	307.747	291.005	287.200	285.222	283.700
42.5	1774.036	1603.268	1128.711	371.214	288.113	278.373	276.090	273.655	270.306
45.0	1694.436	1480.900	953.073	326.163	273.959	268.784	265.740	262.087	258.435
47.5	1607.682	1364.468	794.785	296.637	261.935	258.739	254.782	250.672	246.715
50.0	1621.380	1339.050	739.537	282.178	250.977	246.106	240.932	237.735	234.083
52.5	1772.362	1421.695	712.141	269.697	242.758	230.886	227.995	226.929	224.038
55.0	1691.544	1264.929	568.465	257.369	233.017	218.711	216.123	218.711	216.580
57.5	1443.003	1043.783	460.860	243.062	219.472	206.991	204.860	209.883	208.513
60.0	1201.614	860.079	386.739	223.429	203.186	193.750	191.467	199.077	199.686
62.5	1034.195	739.232	337.883	198.925	181.726	174.573	162.397	168.789	171.833
65.0	924.155	648.978	292.527	171.224	154.026	125.108	100.604	87.971	90.863
67.5	859.622	595.404	257.521	139.719	104.713	61.032	35.919	22.373	25.722
70.0	738.928	541.982	230.734	91.776	45.660	14.611	4.414	3.653	3.501
72.5	466.491	338.796	151.591	45.508	8.828	3.044	2.740	2.740	2.740
75.0	188.423	133.022	71.990	7.610	2.587	1.826	1.370	1.218	1.370
77.5	63.467	48.704	16.285	2.283	1.370	0.761	0.457	0.457	0.457
80.0	17.199	9.284	2.740	1.218	0.609	0.304	0.304	0.304	0.304
82.5	4.414	2.740	1.370	0.609	0.457	0.304	0.304	0.304	0.304
85.0	1.674	1.370	0.913	0.457	0.304	0.304	0.152	0.304	0.304
87.5	1.065	0.913	0.761	0.457	0.304	0.304	0.152	0.304	0.304
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-CGL-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



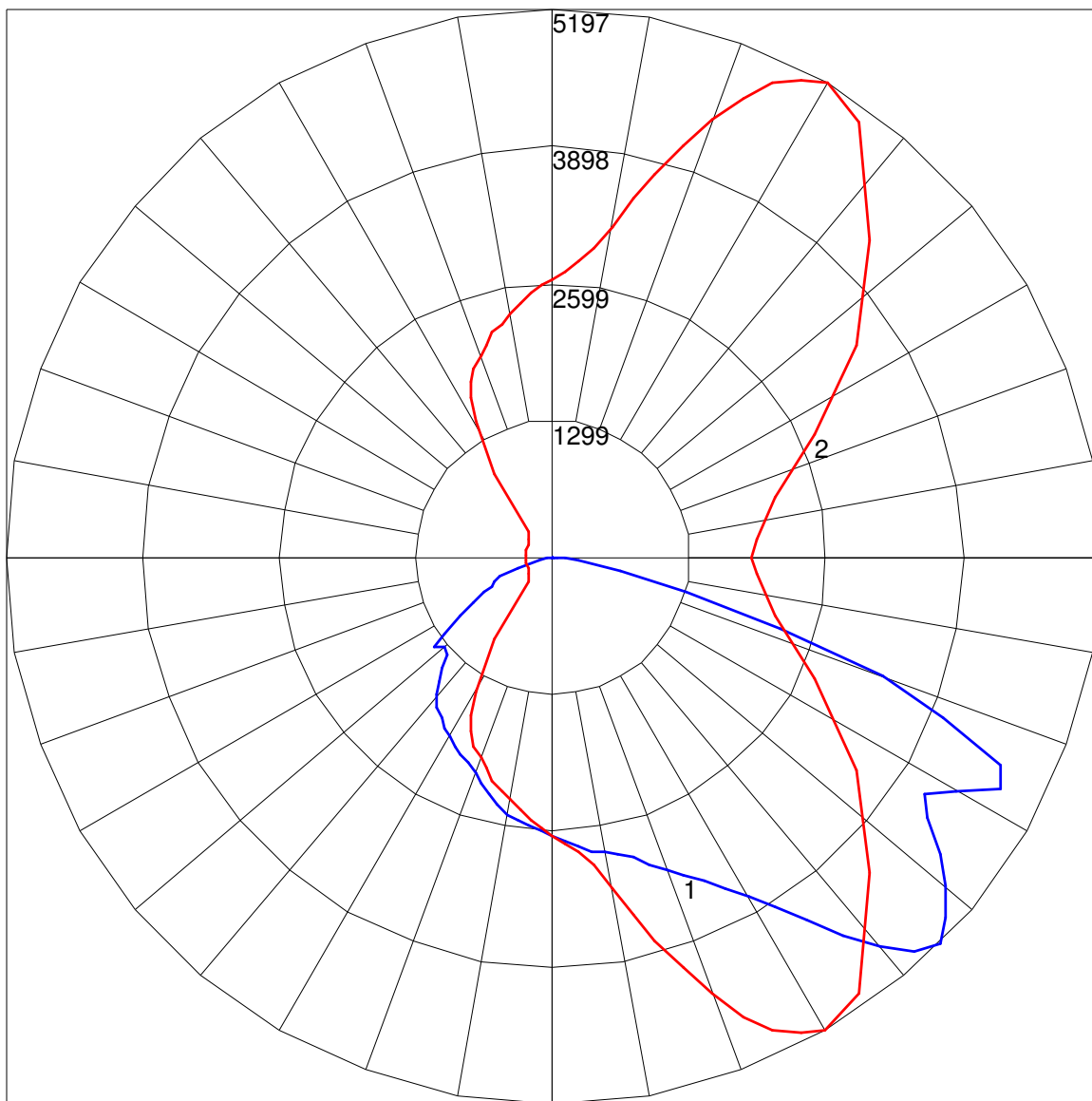
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

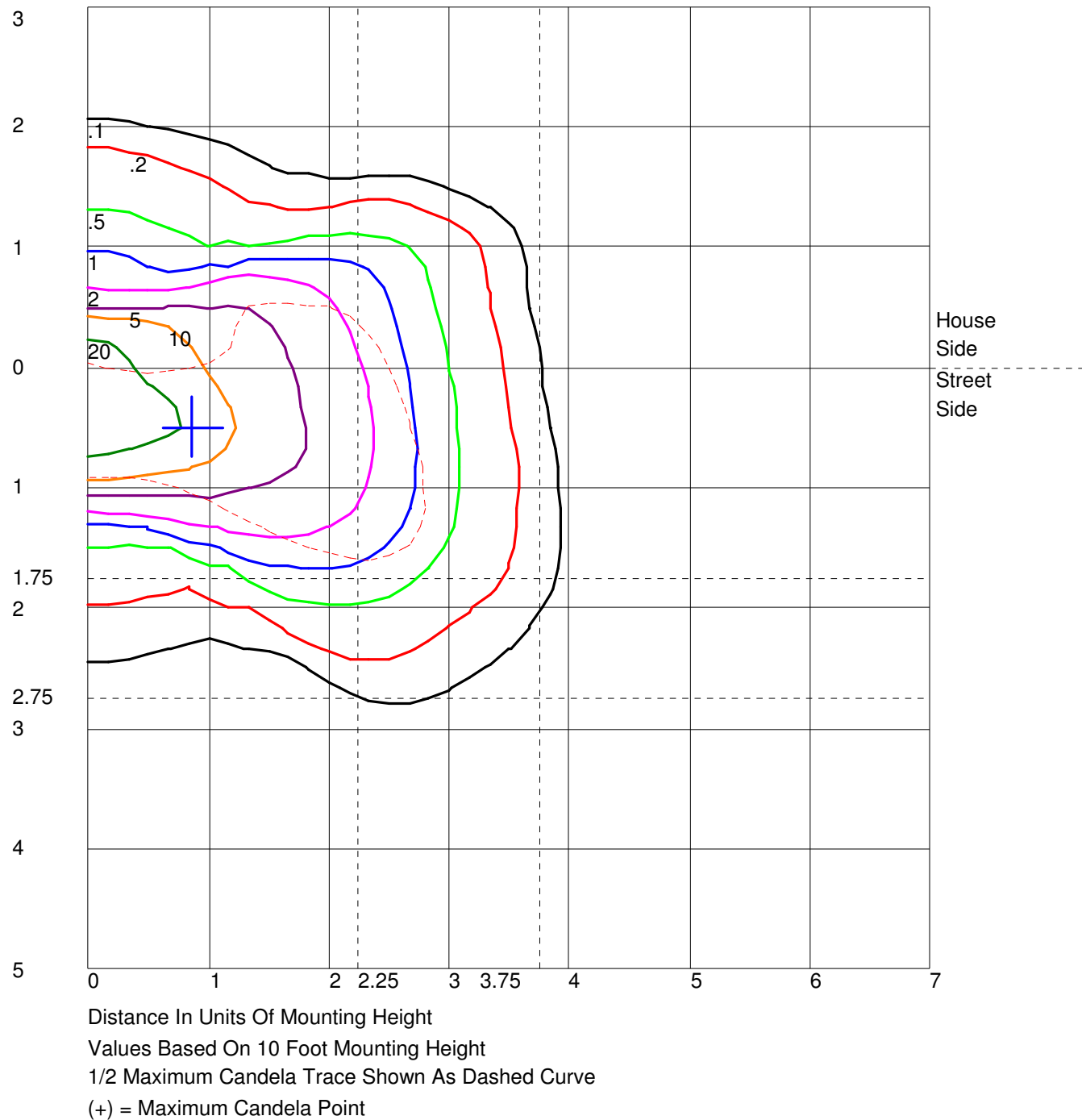
	Lumens	Percent Of Luminaire
Downward Street Side	6588.4	71.6
Downward House Side	2611.1	28.4
Downward Total	9199.5	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	9199.5	100.0

POLAR GRAPH

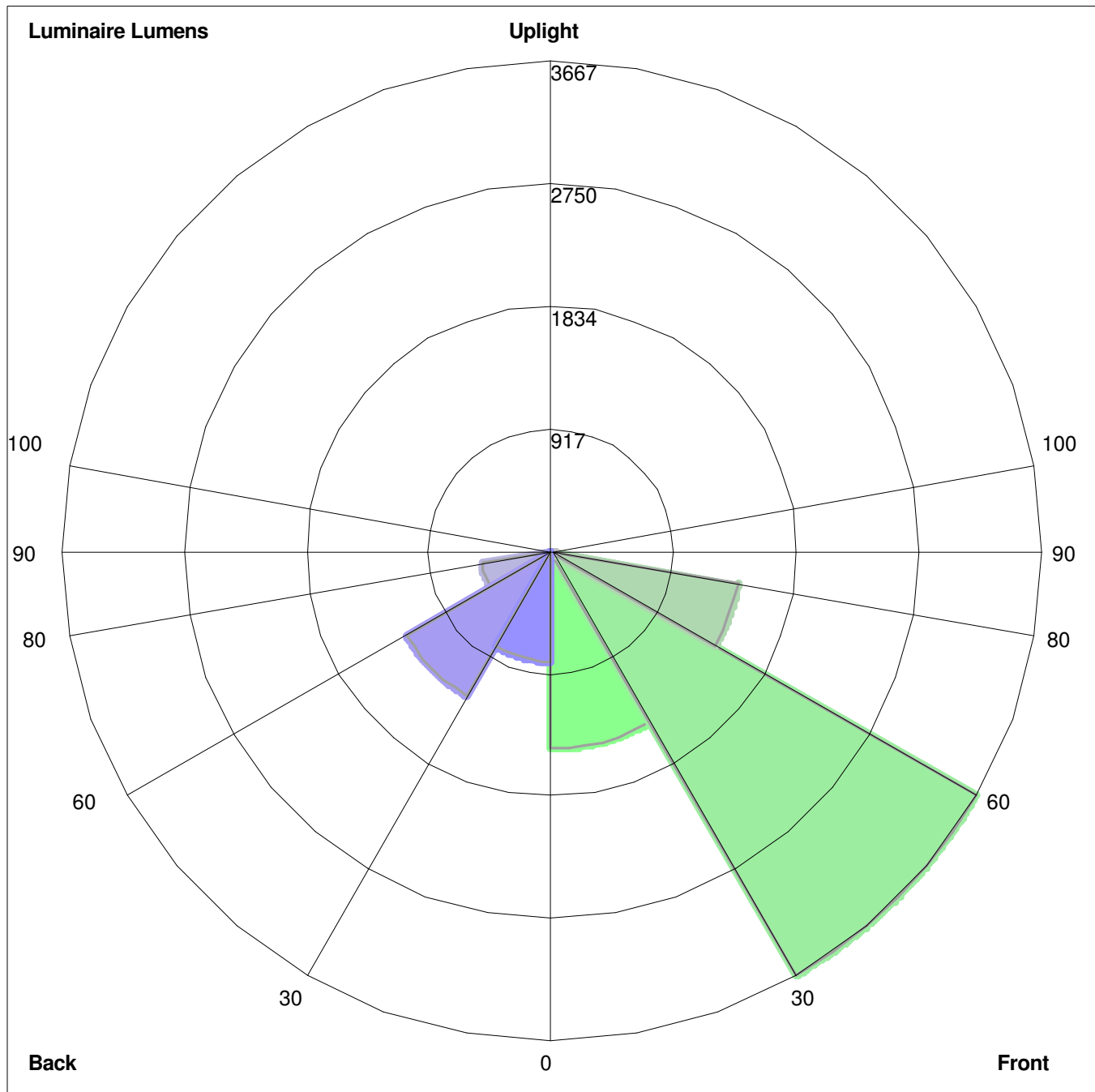


Maximum Candela = 5197.305 Located At Horizontal Angle = 60, Vertical Angle = 45  
# 1 - Vertical Plane Through Horizontal Angles (60 - 240) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (45) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:  
Front: Low=1479.3, Medium=3667.1, High=1417.5, Very High=24.5  
Back: Low=823.9, Medium=1253.6, High=530.3, Very High=3.2  
Uplight: Low=0.0, High=0.0

BUG Rating : B2-U0-G2