



IES ROAD REPORT

PHOTOMETRIC FILENAME : VWPX-L85-740-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-L85-740-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	8752
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	122
Total Luminaire Watts	72
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	4912.704
Maximum Candela Angle	60H 45V
Maximum Candela (<90 Degrees Vertical)	4912.704
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	434.884 (5.0% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : VWPX-L85-740-T2-XXX-SDGL-DIM-UNV_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1477.9	N.A.	16.9
FM - Front-Medium (30-60)	3537.7	N.A.	40.4
FH - Front-High (60-80)	1123.1	N.A.	12.8
FVH - Front-Very High (80-90)	44.4	N.A.	0.5
BL - Back-Low (0-30)	820.8	N.A.	9.4
BM - Back-Medium (30-60)	1257.7	N.A.	14.4
BH - Back-High (60-80)	477.0	N.A.	5.5
BVH - Back-Very High (80-90)	13.0	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	8751.6	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	2626.865	2626.865	2626.865	2626.865	2626.865	2626.865	2626.865	2626.865	2626.865	2626.865
2.5	2807.671	2765.637	2754.408	2729.936	2741.308	2751.241	2694.955	2667.460	2666.740	2665.589
5.0	2956.231	2910.598	2891.308	2849.561	2835.454	2835.886	2766.644	2741.308	2738.429	2736.126
7.5	3166.259	3124.225	3097.162	3034.398	2988.909	2953.208	2842.652	2791.548	2780.176	2769.091
10.0	3434.733	3389.244	3347.065	3261.125	3190.731	3110.693	2926.145	2854.456	2827.824	2805.944
12.5	3702.055	3662.899	3613.091	3494.186	3399.032	3262.132	3029.935	2929.888	2890.300	2862.661
15.0	4000.470	3964.626	3891.354	3748.264	3593.802	3420.337	3165.108	3016.548	2955.655	2903.832
17.5	4236.266	4206.900	4132.476	3999.175	3814.626	3605.750	3274.656	3131.423	3058.726	2986.317
20.0	4449.750	4436.794	4348.550	4188.906	4007.380	3770.289	3401.048	3226.000	3141.499	3064.916
22.5	4541.448	4536.122	4452.917	4323.934	4164.290	3928.494	3528.303	3350.664	3255.799	3163.236
25.0	4500.565	4511.218	4447.590	4354.452	4275.134	4050.278	3688.379	3475.472	3381.614	3291.499
27.5	4358.483	4382.523	4343.512	4302.485	4282.907	4206.900	3843.705	3665.059	3547.736	3433.725
30.0	4175.086	4223.743	4186.171	4157.524	4231.660	4257.572	4024.223	3824.271	3709.684	3587.612
32.5	3959.444	4010.979	4003.350	3999.031	4158.532	4339.625	4215.249	4051.430	3943.465	3817.937
35.0	3711.844	3755.174	3764.818	3802.966	4058.916	4396.919	4461.266	4299.030	4168.032	4050.854
37.5	3320.578	3335.117	3423.936	3558.245	3956.421	4413.185	4660.210	4589.241	4458.243	4318.032
40.0	2737.710	2757.431	2924.849	3234.349	3768.705	4353.589	4812.945	4792.647	4687.849	4546.774
42.5	2071.204	2102.442	2335.791	2781.615	3460.501	4187.610	4833.242	4892.119	4851.236	4740.536
45.0	1479.987	1497.117	1761.992	2260.359	3088.380	3982.764	4756.227	4912.704	4900.324	4825.037
47.5	999.182	1002.349	1238.145	1751.052	2673.218	3718.753	4602.916	4819.998	4847.925	4803.300
50.0	650.094	656.428	833.779	1281.763	2226.098	3444.378	4404.260	4652.004	4711.025	4696.054
52.5	442.513	449.567	561.563	904.316	1805.034	3160.069	4233.531	4530.508	4619.183	4620.191
55.0	341.746	342.610	402.350	630.229	1424.133	2869.283	4109.731	4493.799	4613.569	4654.740
57.5	288.483	285.748	315.690	457.485	1106.139	2562.230	3975.567	4446.295	4615.296	4679.931
60.0	252.207	250.191	266.458	355.421	859.115	2236.463	3739.483	4275.134	4474.798	4556.275
62.5	222.984	220.393	231.189	292.082	675.142	1905.370	3353.111	3889.626	4093.608	4180.556
65.0	193.042	190.882	199.376	247.456	535.076	1556.570	2834.590	3321.585	3500.520	3581.422
67.5	163.243	160.508	168.858	210.460	428.838	1229.076	2261.655	2663.573	2818.036	2876.481
70.0	132.437	130.278	138.627	176.199	342.610	946.639	1718.950	2024.419	2134.544	2176.290
72.5	102.495	100.768	108.829	141.794	268.473	699.758	1249.085	1459.833	1525.044	1554.411
75.0	75.288	74.856	82.054	109.405	203.838	499.663	873.942	1004.508	1046.975	1065.832
77.5	52.687	53.119	59.165	80.758	148.416	342.322	581.429	661.755	689.394	701.774
80.0	35.125	35.700	40.307	56.142	101.919	219.097	361.467	409.980	426.103	434.884
82.5	21.737	22.025	25.336	35.700	64.203	127.975	205.422	231.477	242.562	246.880
85.0	11.948	12.236	14.107	19.866	35.125	65.211	102.351	113.723	120.777	122.936
87.5	5.182	5.326	6.190	8.349	13.820	24.904	38.436	42.322	45.201	46.929
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	2626.865	2626.865	2626.865	2626.865	2626.865	2626.865	2626.865	2626.865	2626.865	2626.865
2.5	2635.934	2622.115	2627.585	2617.796	2602.393	2583.967	2578.785	2576.481	2580.224	2577.777
5.0	2700.713	2684.591	2678.401	2662.134	2642.268	2614.341	2599.946	2601.098	2591.741	2587.134
7.5	2731.807	2709.063	2699.130	2676.241	2643.420	2610.886	2587.710	2574.322	2564.965	2554.169
10.0	2750.953	2715.829	2706.184	2684.591	2652.777	2615.637	2590.013	2576.050	2559.351	2544.524
12.5	2800.761	2756.999	2725.905	2693.804	2659.543	2614.773	2581.232	2559.207	2536.750	2516.885
15.0	2830.847	2776.145	2737.997	2691.644	2647.307	2605.272	2569.284	2542.796	2512.854	2486.798
17.5	2882.527	2815.013	2765.205	2708.775	2650.762	2593.468	2552.153	2522.211	2487.950	2458.296
20.0	2949.897	2857.191	2792.700	2726.481	2657.239	2589.005	2544.236	2510.551	2468.804	2433.536
22.5	3041.164	2932.335	2843.803	2761.318	2681.424	2599.802	2544.956	2503.353	2457.000	2417.989
25.0	3155.751	3036.557	2923.842	2812.853	2715.685	2616.357	2552.153	2509.543	2455.704	2414.966
27.5	3280.846	3150.424	3026.480	2889.581	2774.706	2661.414	2577.633	2529.984	2475.282	2424.754
30.0	3442.794	3295.818	3165.828	3005.895	2859.638	2718.132	2611.318	2548.267	2482.336	2427.058
32.5	3629.790	3460.788	3301.288	3139.628	2969.907	2804.504	2683.727	2606.712	2529.553	2468.804
35.0	3866.450	3673.264	3491.163	3305.463	3108.102	2915.348	2766.788	2671.059	2586.846	2515.157
37.5	4115.921	3895.960	3673.120	3462.084	3252.200	3019.715	2847.834	2731.663	2628.305	2553.305
40.0	4347.255	4131.468	3878.398	3624.752	3390.683	3123.793	2925.281	2796.730	2670.195	2585.838
42.5	4543.751	4320.335	4046.392	3756.469	3506.566	3218.946	2996.538	2850.713	2722.882	2623.698
45.0	4651.717	4440.681	4179.981	3878.398	3605.750	3315.827	3072.977	2919.811	2787.805	2684.591
47.5	4667.120	4476.381	4217.265	3929.069	3665.922	3402.775	3178.783	3034.110	2912.181	2813.861
50.0	4583.339	4427.581	4205.748	3966.066	3731.133	3508.293	3332.094	3215.923	3112.565	3022.882
52.5	4547.926	4436.506	4252.533	4058.772	3866.450	3691.258	3548.888	3466.259	3371.825	3278.831
55.0	4613.425	4524.462	4377.629	4222.447	4067.121	3908.916	3780.365	3702.630	3610.500	3496.345
57.5	4648.262	4580.028	4463.281	4333.435	4198.551	4039.770	3909.780	3817.218	3710.980	3579.118
60.0	4533.531	4483.435	4371.295	4245.767	4105.269	3953.110	3813.043	3703.494	3593.946	3450.280
62.5	4159.395	4114.194	4018.465	3886.603	3745.097	3595.817	3455.462	3330.798	3227.296	3090.396
65.0	3560.260	3517.650	3438.188	3308.054	3178.783	3035.118	2910.598	2782.911	2694.811	2573.602
67.5	2848.842	2819.331	2744.763	2626.433	2510.983	2399.563	2293.469	2186.079	2107.625	2017.510
70.0	2155.417	2126.195	2066.022	1971.732	1876.435	1788.048	1700.092	1621.637	1560.169	1490.496
72.5	1542.895	1517.703	1474.661	1405.707	1336.897	1270.103	1208.778	1148.894	1104.700	1056.331
75.0	1054.892	1037.186	1008.251	961.034	912.954	867.752	831.188	787.426	755.612	727.541
77.5	692.417	684.499	665.497	633.684	602.590	574.375	551.342	519.816	499.519	482.245

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CANDELA TABULATION - (Cont.)

80.0	428.406	423.943	414.730	392.130	374.855	358.732	343.329	324.615	314.539	303.166
82.5	244.001	241.122	238.675	224.999	215.642	205.998	197.504	187.428	182.677	176.199
85.0	121.929	120.777	120.921	114.731	108.973	102.927	99.040	93.570	92.706	91.123
87.5	46.497	46.929	47.793	45.921	42.610	40.595	38.867	36.132	36.132	37.284
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	2626.865	2626.865	2626.865	2626.865	2626.865	2626.865	2626.865	2626.865	2626.865	2626.865
2.5	2572.163	2563.238	2555.608	2550.570	2560.647	2567.988	2569.716	2558.487	2563.382	2586.558
5.0	2577.921	2567.556	2556.616	2553.449	2562.518	2566.693	2564.821	2554.169	2553.593	2566.837
7.5	2542.221	2529.409	2517.604	2508.535	2511.702	2512.134	2502.489	2489.246	2485.647	2499.610
10.0	2531.568	2517.461	2501.914	2488.958	2488.814	2483.775	2472.115	2454.841	2442.749	2447.787
12.5	2497.163	2478.737	2462.326	2443.324	2443.612	2434.543	2416.261	2397.403	2393.660	2400.138
15.0	2463.046	2443.756	2418.564	2399.275	2390.349	2376.674	2363.718	2347.163	2328.593	2321.252
17.5	2434.543	2412.950	2383.872	2358.104	2346.156	2339.534	2325.570	2297.643	2279.937	2279.505
20.0	2411.079	2382.720	2354.505	2320.964	2308.296	2294.045	2263.095	2229.553	2211.415	2210.983
22.5	2395.244	2358.536	2317.653	2283.824	2280.225	2258.632	2221.924	2199.035	2181.761	2155.273
25.0	2381.568	2331.760	2289.150	2260.935	2248.123	2215.158	2177.586	2147.932	2110.072	2093.661

IES ROAD REPORT

PHOTOMETRIC FILENAME : VWPX-L85-740-T2-XXX-SDGL-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

27.5	2391.789	2341.693	2288.286	2254.169	2226.818	2189.390	2154.553	2109.208	2071.492	2052.778
30.0	2394.380	2339.102	2287.135	2252.874	2214.726	2183.920	2131.665	2078.546	2041.118	2015.350
32.5	2427.633	2360.695	2310.599	2266.693	2217.173	2185.647	2125.187	2070.629	2019.525	1976.915
35.0	2469.092	2396.683	2341.405	2279.793	2227.970	2183.920	2116.838	2061.416	2000.667	1960.216
37.5	2499.754	2418.564	2359.975	2290.302	2244.524	2188.383	2120.005	2058.536	1995.629	1936.320
40.0	2522.499	2439.870	2375.810	2303.402	2253.881	2190.110	2115.254	2034.496	1970.293	1894.861
42.5	2556.328	2461.607	2389.054	2311.895	2250.571	2187.231	2099.995	2024.132	1940.926	1847.644
45.0	2617.508	2517.461	2440.877	2369.620	2293.037	2225.523	2126.339	2040.686	1940.782	1824.180
47.5	2754.408	2657.527	2570.148	2492.413	2413.382	2333.056	2219.908	2118.565	2004.266	1855.562
50.0	2967.747	2874.178	2787.517	2698.554	2622.259	2527.969	2392.077	2261.367	2110.072	1914.727
52.5	3219.810	3123.361	3025.617	2921.970	2839.629	2732.239	2566.981	2406.328	2203.498	1942.222
55.0	3423.936	3309.205	3191.739	3078.880	2977.824	2857.479	2660.982	2465.061	2211.271	1889.823
57.5	3481.086	3343.322	3221.825	3104.791	2992.507	2868.419	2651.481	2413.814	2128.354	1769.334
60.0	3330.798	3190.588	3069.667	2966.740	2853.448	2743.756	2527.249	2277.634	1974.468	1601.340
62.5	2969.763	2838.477	2733.679	2644.428	2554.457	2457.000	2266.549	2035.216	1751.915	1402.252
65.0	2472.547	2355.657	2268.997	2205.801	2133.248	2064.007	1912.424	1712.472	1466.887	1173.078
67.5	1927.251	1842.750	1775.236	1727.011	1672.741	1632.146	1519.142	1354.171	1167.896	935.123
70.0	1428.164	1367.703	1316.456	1284.354	1249.949	1225.621	1139.969	1013.865	878.981	701.054
72.5	1013.001	969.815	933.971	912.666	889.633	869.048	812.906	724.231	625.910	502.398
75.0	695.584	666.217	644.480	629.653	612.810	595.104	556.093	495.344	426.535	345.057
77.5	459.500	440.354	428.550	418.329	404.798	391.842	367.226	324.184	269.481	208.301
80.0	287.907	277.399	269.913	263.291	253.070	243.857	214.779	176.343	139.059	94.721
82.5	168.282	162.812	157.773	153.023	146.257	132.581	106.958	69.674	50.960	29.223
85.0	87.236	84.789	81.766	78.599	70.537	56.718	37.284	26.344	15.547	9.213
87.5	35.844	35.557	33.829	30.518	24.184	16.411	11.084	6.478	4.031	2.447
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-L85-740-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

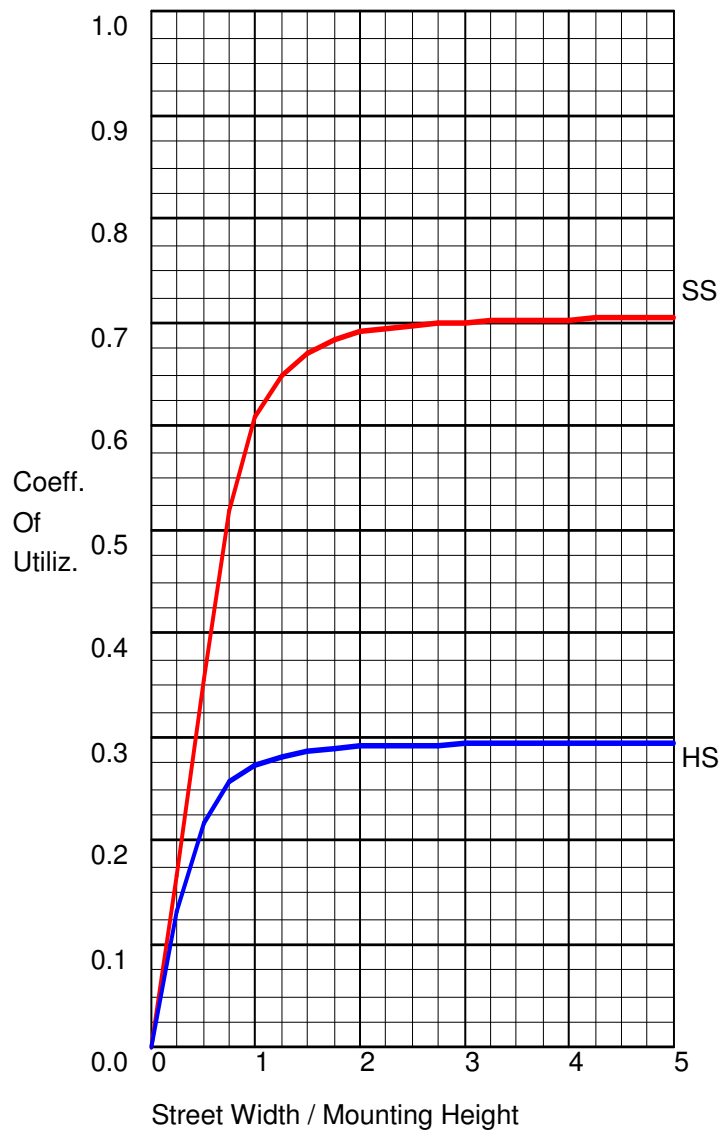
Horizontal Angles

	117.5	120.0	125.0	135.0	145.0	155.0	165.0	175.0	180.0
0.0	2626.865	2626.865	2626.865	2626.865	2626.865	2626.865	2626.865	2626.865	2626.865
2.5	2580.512	2574.754	2583.679	2601.961	2568.420	2550.138	2563.238	2578.353	2613.765
5.0	2555.608	2545.100	2543.372	2540.061	2487.230	2453.401	2458.152	2481.616	2516.885
7.5	2484.639	2473.987	2476.434	2486.510	2427.058	2365.014	2360.263	2387.039	2431.376
10.0	2430.513	2415.253	2396.971	2376.530	2346.876	2297.499	2263.238	2282.672	2324.275
12.5	2374.802	2355.945	2336.511	2315.350	2221.348	2218.181	2202.634	2216.022	2262.087
15.0	2291.885	2274.179	2262.087	2228.978	2169.813	2137.711	2141.310	2129.937	2184.352
17.5	2260.647	2239.486	2190.542	2161.895	2121.732	2039.391	2031.185	1976.339	2024.419
20.0	2181.473	2149.947	2136.271	2104.602	2025.139	1891.406	1816.982	1702.539	1737.088
22.5	2119.429	2092.941	2053.498	2031.473	1850.380	1649.420	1412.905	1243.471	1248.941
25.0	2067.893	2049.323	2014.199	1886.944	1623.077	1257.003	951.101	794.912	787.570
27.5	2014.631	1978.066	1932.577	1730.610	1292.271	838.098	621.880	523.127	518.233
30.0	1972.740	1939.343	1840.159	1499.565	921.015	567.465	437.187	397.888	400.623
32.5	1933.729	1881.186	1744.286	1210.362	647.215	423.655	358.301	339.155	338.867
35.0	1900.475	1820.581	1615.879	932.819	483.252	350.959	322.888	313.243	315.690
37.5	1850.236	1754.219	1481.570	712.714	386.084	316.122	302.447	298.416	299.855
40.0	1802.443	1667.558	1313.721	552.494	330.517	294.385	285.892	284.308	282.869
42.5	1731.474	1563.480	1144.719	446.256	299.999	280.134	275.527	271.496	270.057
45.0	1675.188	1476.676	1013.289	377.446	282.149	269.337	265.450	262.859	258.973
47.5	1671.589	1424.133	914.105	335.844	268.330	258.541	255.230	251.631	249.040
50.0	1680.514	1387.425	831.620	309.212	256.813	246.593	242.706	241.698	237.955
52.5	1654.171	1324.229	744.672	289.923	246.449	235.220	232.053	233.349	231.046
55.0	1566.935	1210.794	653.981	271.640	235.508	223.560	222.840	226.871	225.287
57.5	1426.580	1081.811	564.154	251.775	221.401	211.612	212.476	220.537	220.249
60.0	1267.511	953.549	486.419	231.046	206.429	197.504	201.967	214.779	216.362
62.5	1102.253	822.119	418.761	209.309	186.708	177.783	179.222	192.178	193.474
65.0	921.591	685.651	355.853	182.389	156.334	138.339	129.990	133.301	132.149
67.5	732.436	546.736	293.809	146.257	110.988	82.054	67.082	58.589	55.710
70.0	554.797	418.329	231.765	100.624	60.892	32.677	14.683	8.781	8.061
72.5	400.047	304.030	163.243	56.142	21.881	8.925	6.190	5.614	5.326
75.0	269.049	195.345	94.865	20.729	7.630	5.182	4.175	3.743	3.599
77.5	154.606	100.624	36.996	6.766	4.319	2.591	1.583	1.008	0.864
80.0	61.180	40.451	8.925	3.455	1.727	0.576	0.432	0.432	0.432
82.5	17.274	9.501	3.743	1.727	0.720	0.288	0.288	0.288	0.432
85.0	5.758	3.311	2.015	1.008	0.432	0.288	0.288	0.288	0.288
87.5	1.871	1.583	1.152	0.576	0.288	0.288	0.288	0.288	0.288
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-L85-740-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

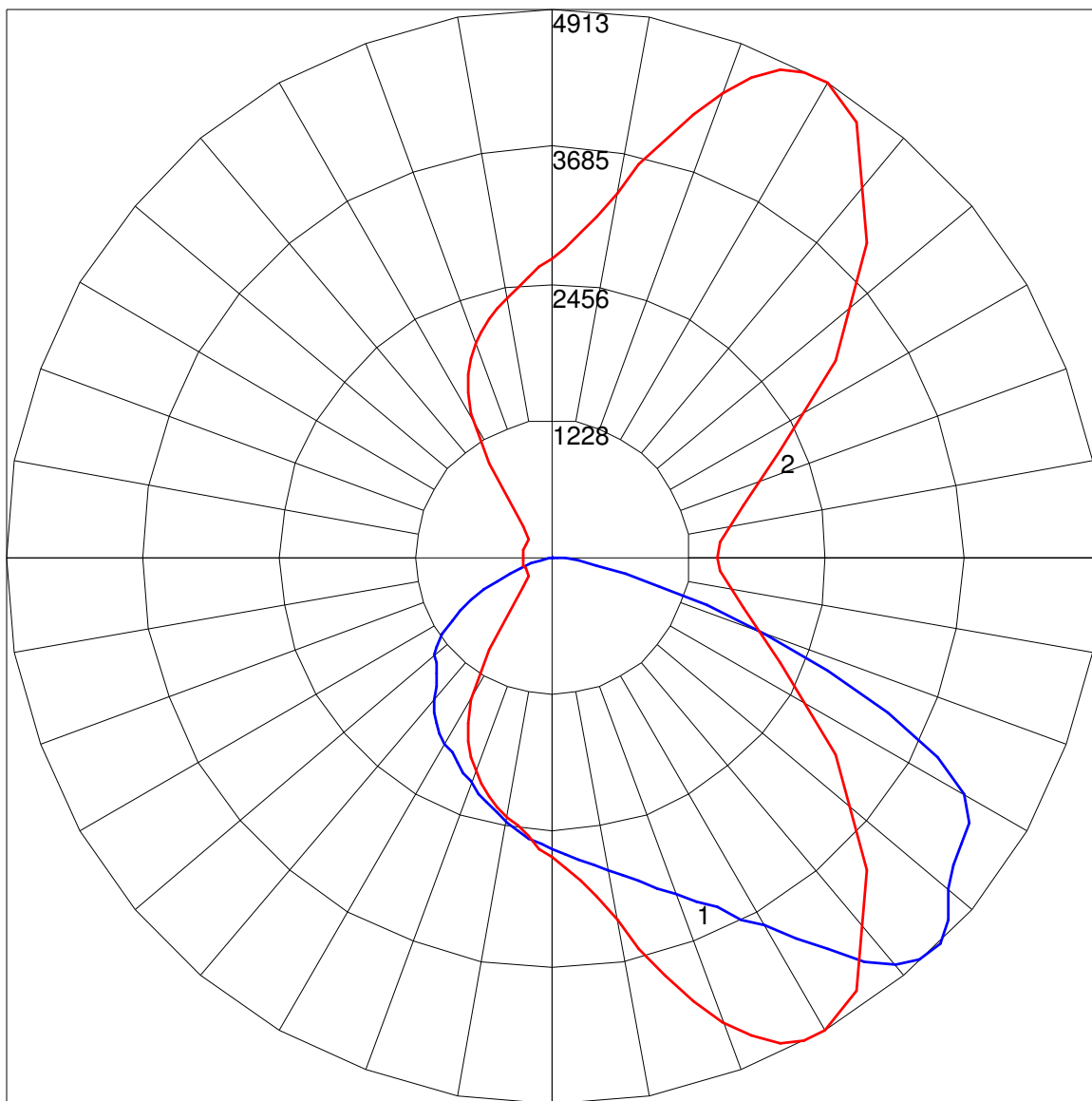
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

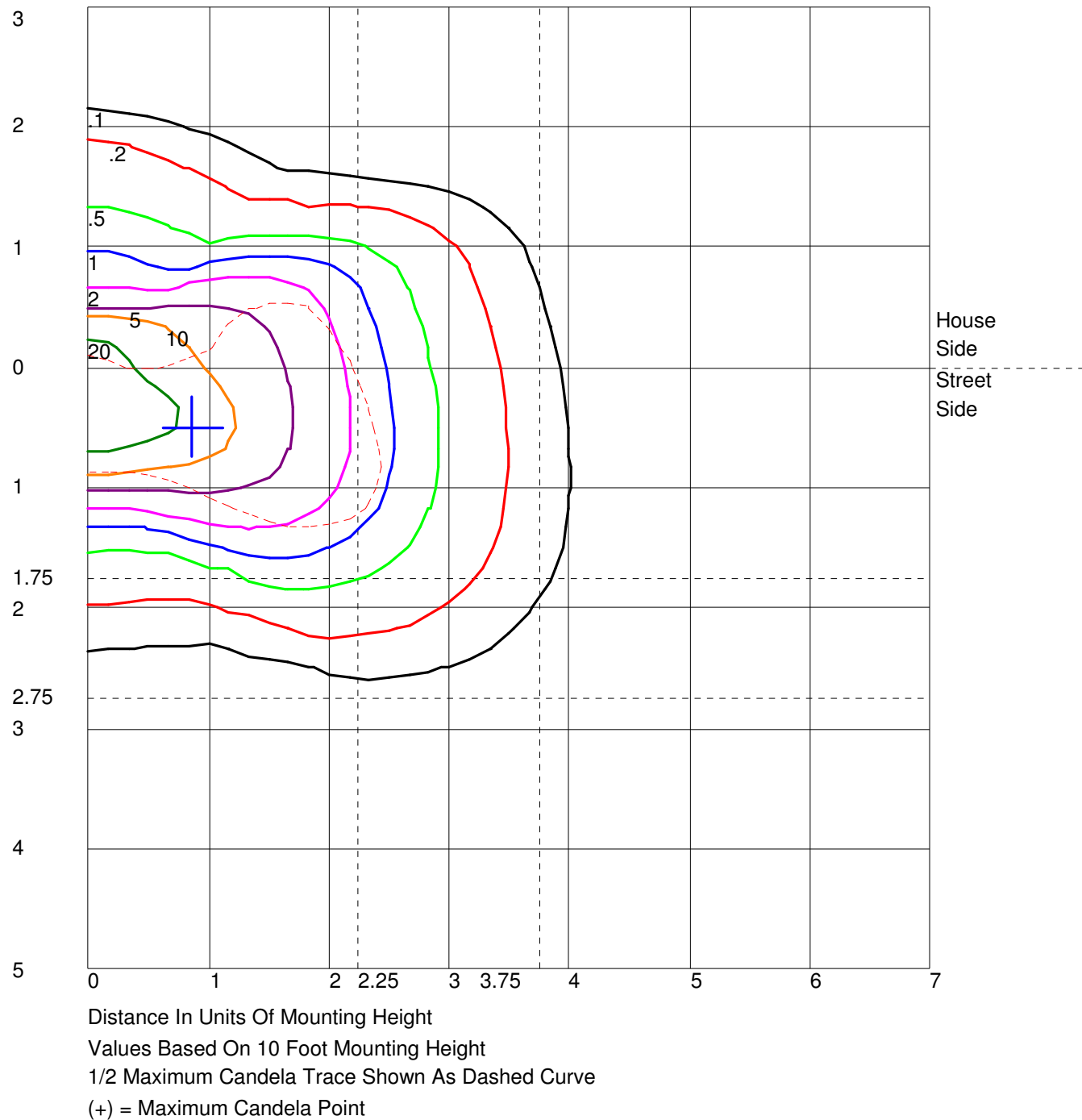
	Lumens	Percent Of Luminaire
Downward Street Side	6183.1	70.7
Downward House Side	2568.6	29.3
Downward Total	8751.7	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	8751.7	100.0

POLAR GRAPH

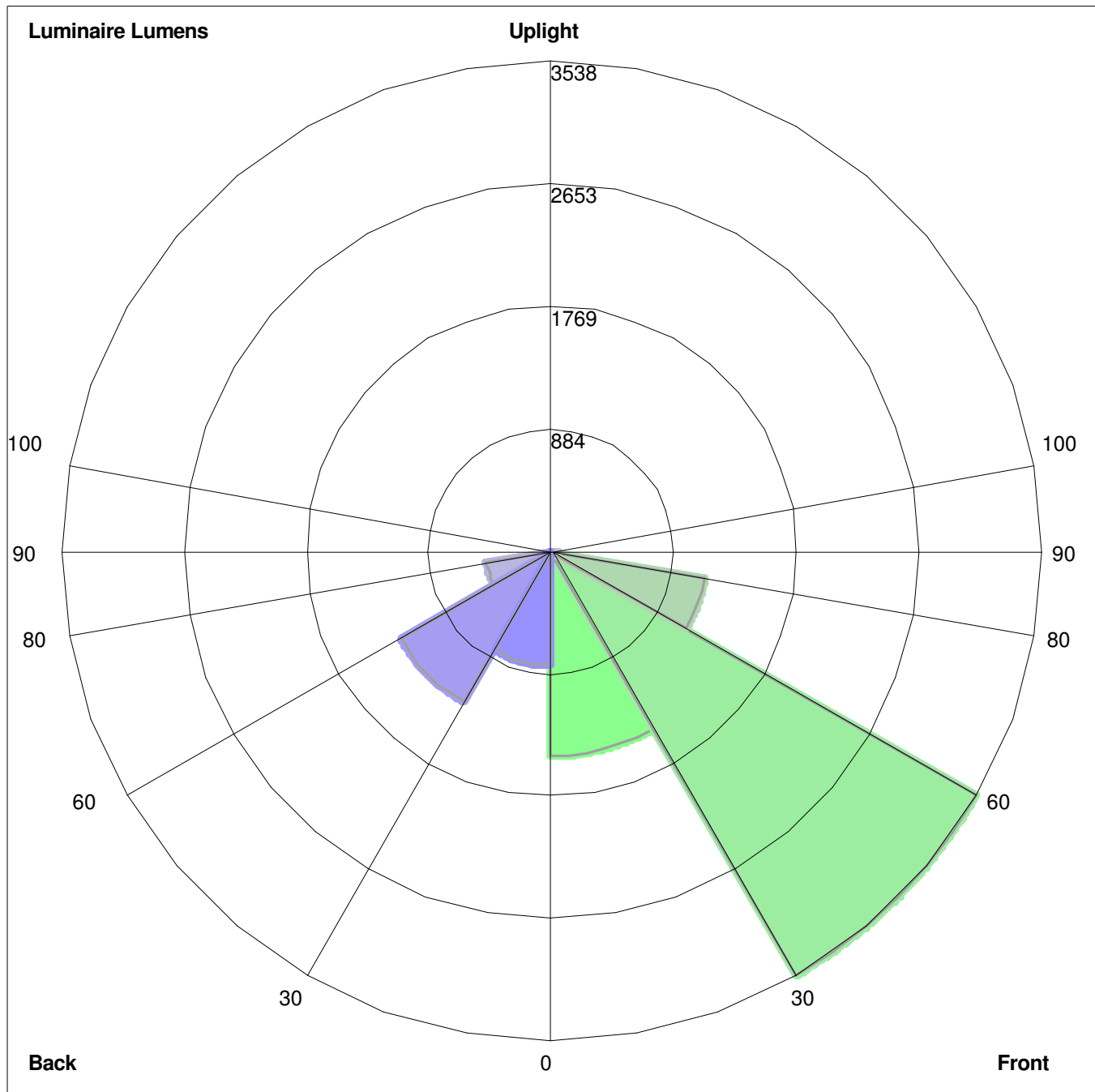


Maximum Candela = 4912.704 Located At Horizontal Angle = 60, Vertical Angle = 45
1 - Vertical Plane Through Horizontal Angles (60 - 240) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (45) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=1477.9, Medium=3537.7, High=1123.1, Very High=44.4
Back: Low=820.8, Medium=1257.7, High=477.0, Very High=13.0
Uplight: Low=0.0, High=0.0

BUG Rating : B2-U0-G1