



IES ROAD REPORT

PHOTOMETRIC FILENAME : VWPX-L85-840-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-L85-840-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	7964
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	111
Total Luminaire Watts	72
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	4470.562
Maximum Candela Angle	60H 45V
Maximum Candela (<90 Degrees Vertical)	4470.562
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	395.744 (5.0% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : VWPX-L85-840-T2-XXX-SDGL-DIM-UNV_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1344.9	N.A.	16.9
FM - Front-Medium (30-60)	3219.3	N.A.	40.4
FH - Front-High (60-80)	1022.0	N.A.	12.8
FVH - Front-Very High (80-90)	40.4	N.A.	0.5
BL - Back-Low (0-30)	746.9	N.A.	9.4
BM - Back-Medium (30-60)	1144.5	N.A.	14.4
BH - Back-High (60-80)	434.1	N.A.	5.5
BVH - Back-Very High (80-90)	11.8	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	7963.9	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	2390.448	2390.448	2390.448	2390.448	2390.448	2390.448	2390.448	2390.448	2390.448	2390.448
2.5	2554.981	2516.730	2506.512	2484.242	2494.591	2503.630	2452.410	2427.389	2426.734	2425.686
5.0	2690.171	2648.645	2631.091	2593.101	2580.264	2580.657	2517.647	2494.591	2491.971	2489.875
7.5	2881.297	2843.045	2818.418	2761.303	2719.907	2687.420	2586.814	2540.309	2529.961	2519.874
10.0	3125.608	3084.212	3045.830	2967.624	2903.566	2830.731	2662.792	2597.555	2573.321	2553.409
12.5	3368.870	3333.239	3287.914	3179.710	3093.120	2968.541	2757.242	2666.198	2630.174	2605.022
15.0	3640.429	3607.810	3541.133	3410.921	3270.360	3112.508	2880.249	2745.059	2689.647	2642.488
17.5	3855.003	3828.280	3760.554	3639.250	3471.311	3281.233	2979.938	2849.595	2783.441	2717.549
20.0	4049.273	4037.483	3957.182	3811.905	3646.717	3430.963	3094.954	2935.661	2858.765	2789.074
22.5	4132.719	4127.872	4052.155	3934.781	3789.504	3574.930	3210.756	3049.105	2962.777	2878.546
25.0	4095.515	4105.209	4047.308	3962.552	3890.373	3685.754	3356.426	3162.680	3077.269	2995.265
27.5	3966.220	3988.097	3952.597	3915.262	3897.447	3828.280	3497.772	3335.204	3228.441	3124.691
30.0	3799.329	3843.606	3809.416	3783.347	3850.811	3874.391	3662.044	3480.088	3375.813	3264.727
32.5	3603.095	3649.992	3643.049	3639.119	3784.264	3949.060	3835.878	3686.802	3588.554	3474.324
35.0	3377.778	3417.209	3425.985	3460.700	3693.614	4001.197	4059.753	3912.118	3792.910	3686.278
37.5	3021.726	3034.957	3115.783	3238.004	3600.344	4016.000	4240.792	4176.210	4057.002	3929.410
40.0	2491.316	2509.263	2661.613	2943.259	3429.522	3961.766	4379.780	4361.310	4265.943	4137.566
42.5	1884.796	1913.223	2125.570	2531.271	3149.056	3810.726	4398.251	4451.829	4414.626	4313.889
45.0	1346.788	1362.377	1603.413	2056.927	2810.427	3624.316	4328.167	4470.562	4459.296	4390.784
47.5	909.256	912.138	1126.712	1593.457	2432.629	3384.066	4188.655	4386.199	4411.613	4371.004
50.0	591.586	597.350	758.739	1166.404	2025.750	3134.384	4007.878	4233.325	4287.034	4273.410
52.5	402.687	409.106	511.022	822.928	1642.581	2875.664	3852.514	4122.763	4203.457	4204.374
55.0	310.989	311.775	366.139	573.508	1295.961	2611.048	3739.856	4089.358	4198.349	4235.814
57.5	262.520	260.031	287.278	416.311	1006.587	2331.630	3617.766	4046.129	4199.920	4258.739
60.0	229.508	227.674	242.477	323.434	781.795	2035.182	3402.930	3890.373	4072.067	4146.211
62.5	202.916	200.558	210.382	265.795	614.380	1733.887	3051.332	3539.561	3725.184	3804.307
65.0	175.668	173.703	181.432	225.185	486.919	1416.479	2579.478	3022.643	3185.474	3259.094
67.5	148.552	146.063	153.660	191.519	390.242	1118.459	2058.106	2423.852	2564.413	2617.598
70.0	120.518	118.553	126.151	160.341	311.775	861.442	1564.245	1842.222	1942.435	1980.425
72.5	93.270	91.698	99.034	129.033	244.311	636.780	1136.668	1328.449	1387.791	1414.514
75.0	68.512	68.119	74.669	99.558	185.493	454.693	795.288	914.103	952.747	969.908
77.5	47.945	48.338	53.840	73.490	135.059	311.513	529.100	602.197	627.348	638.614
80.0	31.963	32.487	36.679	51.089	92.746	199.379	328.935	373.082	387.753	395.744
82.5	19.781	20.043	23.056	32.487	58.425	116.457	186.934	210.644	220.731	224.661
85.0	10.873	11.135	12.838	18.078	31.963	59.342	93.139	103.488	109.907	111.872
87.5	4.716	4.847	5.633	7.598	12.576	22.663	34.976	38.513	41.133	42.705
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	2390.448	2390.448	2390.448	2390.448	2390.448	2390.448	2390.448	2390.448	2390.448	2390.448
2.5	2398.701	2386.125	2391.103	2382.195	2368.178	2351.411	2346.695	2344.599	2348.005	2345.778
5.0	2457.650	2442.978	2437.345	2422.542	2404.465	2379.051	2365.951	2366.999	2358.484	2354.292
7.5	2485.945	2465.248	2456.209	2435.380	2405.513	2375.907	2354.816	2342.634	2334.119	2324.294
10.0	2503.368	2471.405	2462.628	2442.978	2414.027	2380.230	2356.912	2344.206	2329.010	2315.517
12.5	2548.693	2508.870	2480.574	2451.362	2420.184	2379.444	2348.922	2328.879	2308.443	2290.366
15.0	2576.072	2526.293	2491.578	2449.397	2409.050	2370.798	2338.049	2313.945	2286.698	2262.987
17.5	2623.100	2561.662	2516.337	2464.986	2412.194	2360.056	2322.460	2295.212	2264.035	2237.049
20.0	2684.407	2600.044	2541.357	2481.098	2418.088	2355.995	2315.255	2284.602	2246.612	2214.518
22.5	2767.460	2668.425	2587.862	2512.800	2440.096	2365.820	2315.910	2278.052	2235.870	2200.370
25.0	2871.734	2763.268	2660.696	2559.697	2471.274	2380.885	2322.460	2283.685	2234.691	2197.619
27.5	2985.571	2866.887	2754.098	2629.519	2524.983	2421.887	2345.647	2302.286	2252.507	2206.527
30.0	3132.943	2999.195	2880.904	2735.365	2602.271	2473.500	2376.300	2318.923	2258.926	2208.623
32.5	3303.110	3149.318	3004.173	2857.062	2702.616	2552.099	2442.192	2372.108	2301.893	2246.612
35.0	3518.470	3342.671	3176.959	3007.972	2828.374	2652.967	2517.778	2430.664	2354.030	2288.794
37.5	3745.489	3545.324	3342.540	3150.497	2959.502	2747.941	2591.529	2485.814	2391.758	2323.508
40.0	3956.003	3759.637	3529.343	3298.525	3085.522	2842.652	2662.006	2545.025	2429.878	2353.113
42.5	4134.815	3931.506	3682.217	3418.388	3190.975	2929.242	2726.850	2594.149	2477.823	2387.566
45.0	4233.063	4041.020	3803.783	3529.343	3281.233	3017.403	2796.410	2657.028	2536.903	2442.978
47.5	4247.080	4073.508	3837.712	3575.454	3335.990	3096.526	2892.693	2761.041	2650.086	2560.614
50.0	4170.839	4029.099	3827.232	3609.120	3395.332	3192.547	3032.206	2926.491	2832.434	2750.823
52.5	4138.614	4037.221	3869.806	3693.483	3518.470	3359.046	3229.489	3154.296	3068.361	2983.737
55.0	4198.218	4117.261	3983.643	3842.427	3701.081	3557.114	3440.133	3369.394	3285.556	3181.675
57.5	4229.919	4167.826	4061.587	3943.427	3820.682	3676.191	3557.900	3473.669	3376.992	3256.998
60.0	4125.514	4079.927	3977.879	3863.649	3735.795	3597.331	3469.870	3370.180	3270.491	3139.755
62.5	3785.050	3743.917	3656.804	3536.810	3408.039	3272.194	3144.471	3031.027	2936.840	2812.261
65.0	3239.838	3201.062	3128.751	3010.329	2892.693	2761.958	2648.645	2532.449	2452.279	2341.979
67.5	2592.446	2565.592	2497.735	2390.055	2284.995	2183.602	2087.057	1989.333	1917.939	1835.934
70.0	1961.430	1934.838	1880.080	1794.277	1707.556	1627.124	1547.084	1475.690	1419.754	1356.351
72.5	1404.034	1381.110	1341.941	1279.194	1216.577	1155.794	1099.989	1045.493	1005.277	961.262
75.0	959.952	943.839	917.509	874.541	830.788	789.655	756.381	716.558	687.607	662.063
77.5	630.099	622.895	605.603	576.652	548.357	522.681	501.722	473.033	454.562	438.843

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CANDELA TABULATION - (Cont.)

80.0	389.849	385.789	377.405	356.838	341.118	326.447	312.430	295.400	286.230	275.881
82.5	222.041	219.421	217.194	204.750	196.235	187.458	179.729	170.559	166.236	160.341
85.0	110.955	109.907	110.038	104.405	99.165	93.663	90.126	85.149	84.363	82.922
87.5	42.312	42.705	43.491	41.788	38.775	36.941	35.369	32.880	32.880	33.928
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	2390.448	2390.448	2390.448	2390.448	2390.448	2390.448	2390.448	2390.448	2390.448	2390.448
2.5	2340.669	2332.547	2325.604	2321.019	2330.189	2336.870	2338.442	2328.224	2332.678	2353.768
5.0	2345.909	2336.477	2326.521	2323.639	2331.892	2335.691	2333.988	2324.294	2323.770	2335.822
7.5	2313.421	2301.762	2291.021	2282.768	2285.650	2286.043	2277.266	2265.214	2261.939	2274.646
10.0	2303.727	2290.890	2276.742	2264.952	2264.821	2260.236	2249.625	2233.905	2222.902	2227.487
12.5	2272.419	2255.651	2240.717	2223.426	2223.688	2215.435	2198.798	2181.637	2178.231	2184.126
15.0	2241.372	2223.819	2200.894	2183.340	2175.218	2162.774	2150.984	2135.919	2119.020	2112.340
17.5	2215.435	2195.785	2169.324	2145.875	2135.002	2128.976	2116.269	2090.856	2074.743	2074.350
20.0	2194.082	2168.276	2142.600	2112.078	2100.550	2087.581	2059.416	2028.894	2012.388	2011.995
22.5	2179.672	2146.268	2109.065	2078.280	2075.005	2055.355	2021.951	2001.122	1985.403	1961.299
25.0	2167.228	2121.902	2083.127	2057.451	2045.793	2015.794	1981.604	1954.618	1920.166	1905.232

IES ROAD REPORT

PHOTOMETRIC FILENAME : VWPX-L85-840-T2-XXX-SDGL-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

27.5	2176.528	2130.941	2082.341	2051.295	2026.405	1992.346	1960.644	1919.380	1885.058	1868.029
30.0	2178.886	2128.583	2081.293	2050.116	2015.401	1987.368	1939.815	1891.477	1857.418	1833.969
32.5	2209.147	2148.233	2102.646	2062.691	2017.628	1988.940	1933.921	1884.272	1837.768	1798.993
35.0	2246.874	2180.982	2130.679	2074.612	2027.453	1987.368	1926.323	1875.889	1820.607	1783.797
37.5	2274.777	2200.894	2147.578	2084.175	2042.518	1991.429	1929.205	1873.269	1816.023	1762.051
40.0	2295.474	2220.282	2161.988	2096.096	2051.033	1993.001	1924.882	1851.392	1792.967	1724.324
42.5	2326.259	2240.062	2174.040	2103.825	2048.020	1990.381	1910.996	1841.960	1766.243	1681.357
45.0	2381.933	2290.890	2221.199	2156.355	2086.664	2025.226	1934.969	1857.025	1766.112	1660.004
47.5	2506.512	2418.350	2338.835	2268.096	2196.178	2123.081	2020.117	1927.895	1823.882	1688.562
50.0	2700.651	2615.502	2536.641	2455.685	2386.256	2300.452	2176.790	2057.844	1920.166	1742.402
52.5	2930.028	2842.259	2753.312	2658.993	2584.063	2486.338	2335.953	2189.759	2005.183	1767.422
55.0	3115.783	3011.377	2904.483	2801.781	2709.821	2600.306	2421.494	2243.206	2012.257	1719.739
57.5	3167.789	3042.424	2931.862	2825.361	2723.182	2610.262	2412.848	2196.571	1936.802	1610.094
60.0	3031.027	2903.435	2793.397	2699.734	2596.638	2496.818	2299.797	2072.647	1796.766	1457.220
62.5	2702.485	2583.015	2487.648	2406.430	2324.556	2235.870	2062.560	1852.047	1594.243	1276.050
65.0	2250.018	2143.648	2064.787	2007.279	1941.256	1878.246	1740.306	1558.350	1334.868	1067.501
67.5	1753.799	1676.903	1615.465	1571.581	1522.194	1485.253	1382.420	1232.296	1062.785	850.962
70.0	1299.629	1244.610	1197.975	1168.762	1137.454	1115.315	1037.372	922.618	799.873	637.959
72.5	921.832	882.532	849.914	830.526	809.566	790.834	739.745	659.050	569.578	457.182
75.0	632.981	606.258	586.477	572.984	557.658	541.545	506.045	450.763	388.146	314.002
77.5	418.145	400.722	389.980	380.680	368.366	356.576	334.175	295.007	245.228	189.554
80.0	261.996	252.433	245.621	239.595	230.294	221.910	195.449	160.472	126.544	86.197
82.5	153.136	148.159	143.574	139.251	133.094	120.649	97.331	63.403	46.373	26.593
85.0	79.385	77.158	74.407	71.525	64.189	51.613	33.928	23.973	14.148	8.384
87.5	32.618	32.356	30.784	27.772	22.008	14.934	10.087	5.895	3.668	2.227
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-L85-840-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

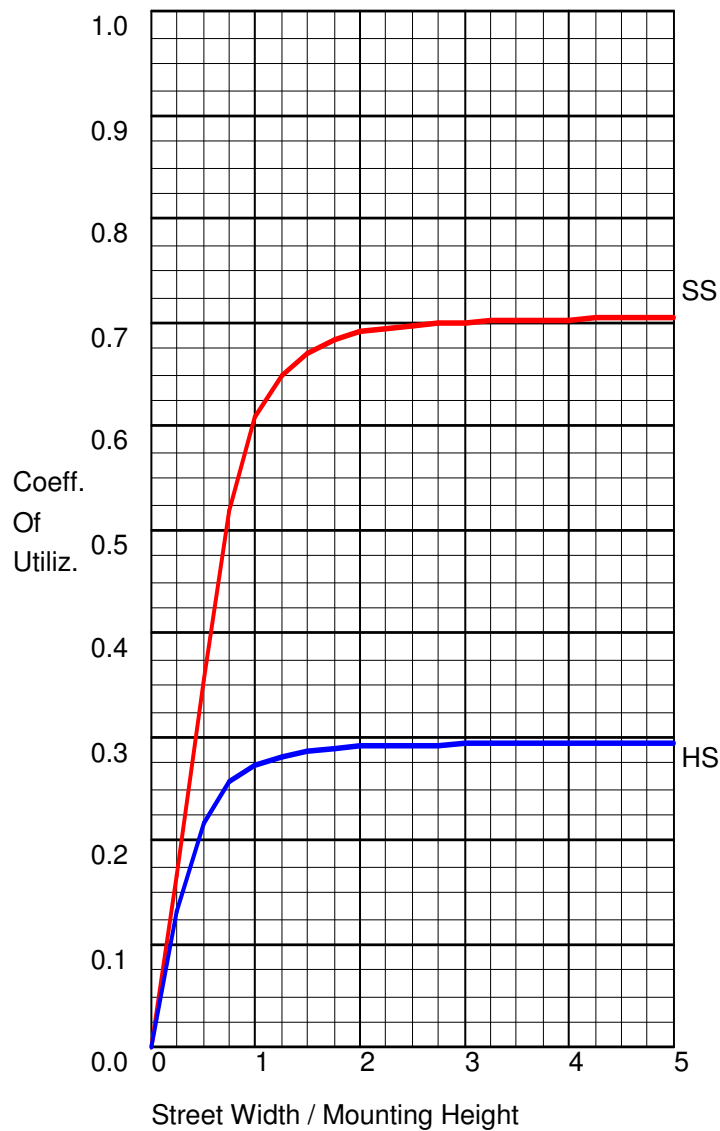
Horizontal Angles

	<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	2390.448	2390.448	2390.448	2390.448	2390.448	2390.448	2390.448	2390.448	2390.448
2.5	2348.267	2343.027	2351.149	2367.785	2337.263	2320.626	2332.547	2346.302	2378.527
5.0	2325.604	2316.041	2314.469	2311.456	2263.380	2232.596	2236.918	2258.271	2290.366
7.5	2261.022	2251.328	2253.555	2262.725	2208.623	2152.163	2147.840	2172.206	2212.553
10.0	2211.767	2197.881	2181.244	2162.643	2135.657	2090.725	2059.547	2077.232	2115.090
12.5	2161.071	2143.910	2126.225	2106.969	2021.427	2018.545	2004.397	2016.580	2058.499
15.0	2085.616	2069.503	2058.499	2028.370	1974.530	1945.317	1948.592	1938.243	1987.761
17.5	2057.189	2037.933	1993.394	1967.325	1930.777	1855.846	1848.379	1798.469	1842.222
20.0	1985.141	1956.452	1944.007	1915.188	1842.877	1721.180	1653.454	1549.311	1580.750
22.5	1928.681	1904.577	1868.684	1848.641	1683.846	1500.973	1285.743	1131.559	1136.537
25.0	1881.783	1864.885	1832.921	1717.119	1477.000	1143.873	865.502	723.370	716.689
27.5	1833.314	1800.041	1758.645	1574.856	1175.967	762.669	565.910	476.046	471.592
30.0	1795.194	1764.802	1674.545	1364.604	838.124	516.393	397.840	362.078	364.567
32.5	1759.693	1711.879	1587.300	1101.430	588.966	385.527	326.054	308.631	308.369
35.0	1729.433	1656.729	1470.450	848.866	439.760	319.373	293.828	285.051	287.278
37.5	1683.715	1596.339	1348.229	648.570	351.336	287.671	275.226	271.558	272.868
40.0	1640.223	1517.479	1195.486	502.770	300.771	267.891	260.162	258.721	257.411
42.5	1575.642	1422.767	1041.695	406.093	272.999	254.922	250.730	247.062	245.752
45.0	1524.421	1343.775	922.094	343.476	256.756	245.097	241.560	239.202	235.665
47.5	1521.146	1295.961	831.836	305.618	244.180	235.272	232.259	228.984	226.626
50.0	1529.268	1262.557	756.774	281.383	233.700	224.399	220.862	219.945	216.539
52.5	1505.296	1205.049	677.652	263.830	224.268	214.050	211.168	212.347	210.251
55.0	1425.911	1101.823	595.123	247.193	214.312	203.440	202.785	206.453	205.012
57.5	1298.188	984.448	513.380	229.115	201.475	192.567	193.353	200.689	200.427
60.0	1153.436	867.729	442.642	210.251	187.851	179.729	183.790	195.449	196.890
62.5	1003.050	748.128	381.073	190.471	169.904	161.782	163.092	174.882	176.061
65.0	838.648	623.943	323.827	165.974	142.264	125.889	118.291	121.304	120.256
67.5	666.517	497.530	267.367	133.094	100.999	74.669	61.045	53.316	50.696
70.0	504.866	380.680	210.906	91.567	55.412	29.737	13.362	7.991	7.336
72.5	364.043	276.667	148.552	51.089	19.912	8.122	5.633	5.109	4.847
75.0	244.835	177.764	86.328	18.864	6.943	4.716	3.799	3.406	3.275
77.5	140.692	91.567	33.666	6.157	3.930	2.358	1.441	0.917	0.786
80.0	55.674	36.810	8.122	3.144	1.572	0.524	0.393	0.393	0.393
82.5	15.720	8.646	3.406	1.572	0.655	0.262	0.262	0.262	0.393
85.0	5.240	3.013	1.834	0.917	0.393	0.262	0.262	0.262	0.262
87.5	1.703	1.441	1.048	0.524	0.262	0.262	0.262	0.262	0.262
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-L85-840-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

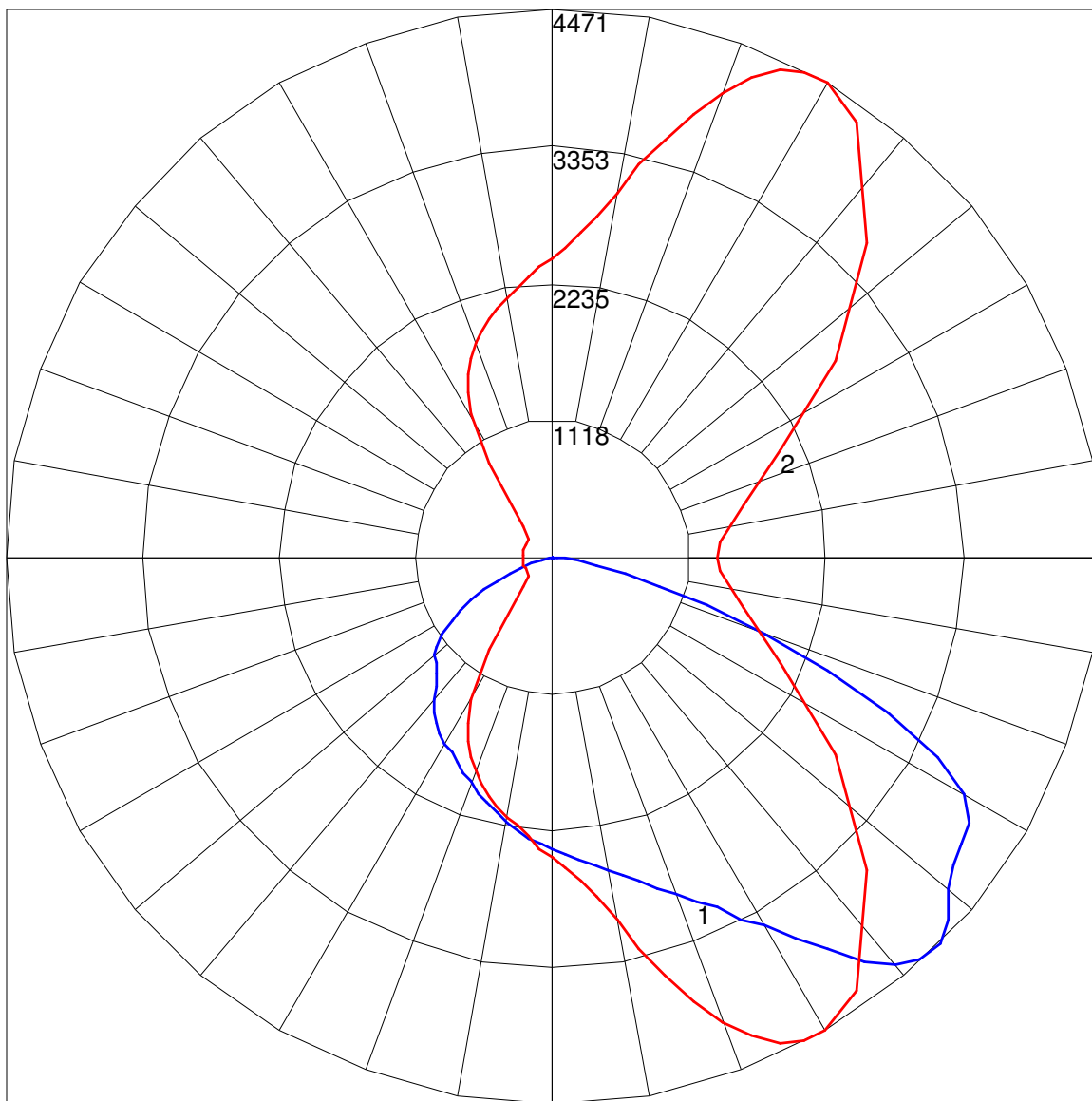
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

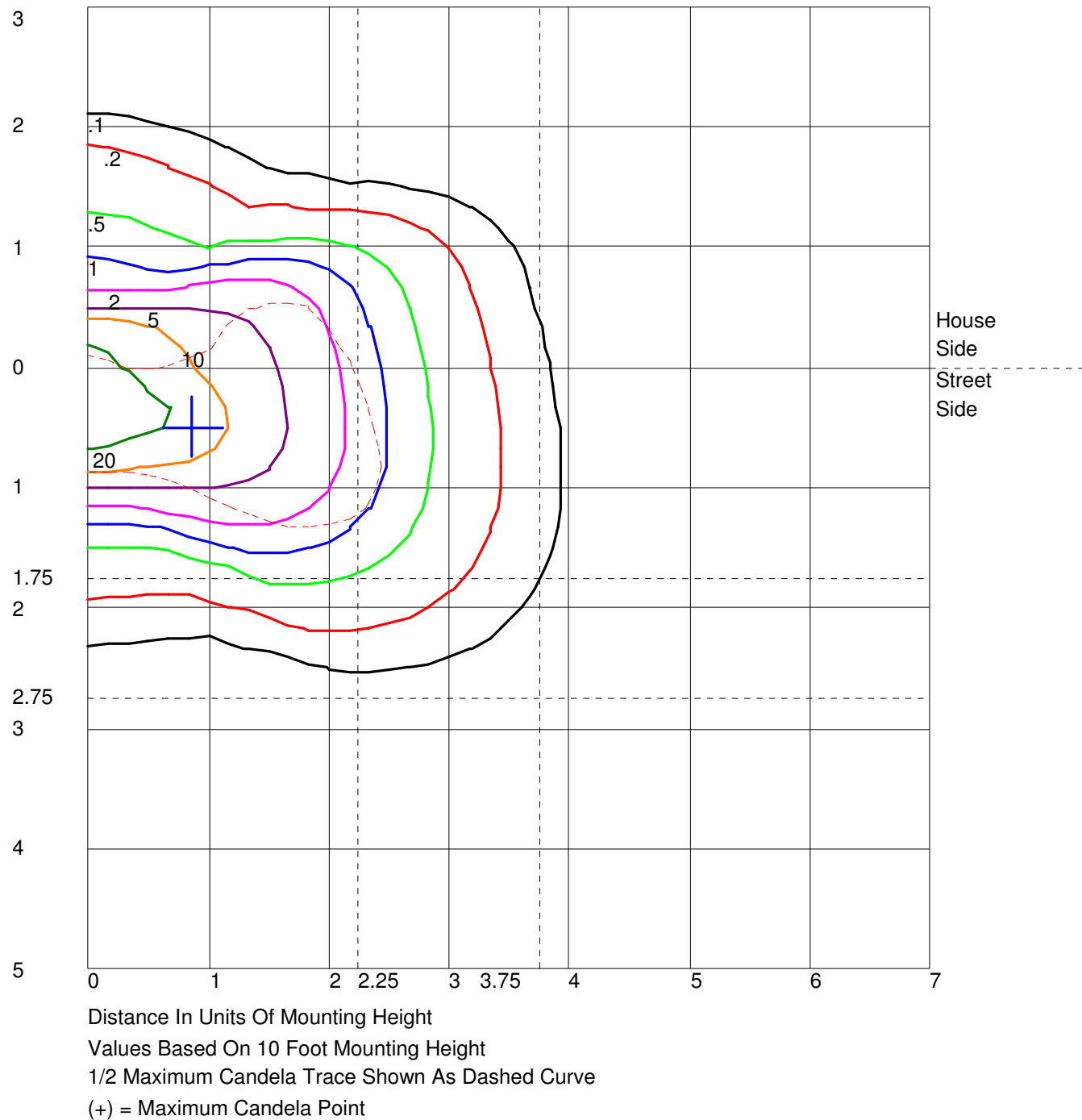
	Lumens	Percent Of Luminaire
Downward Street Side	5626.6	70.7
Downward House Side	2337.4	29.3
Downward Total	7964.0	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	7964.0	100.0

POLAR GRAPH

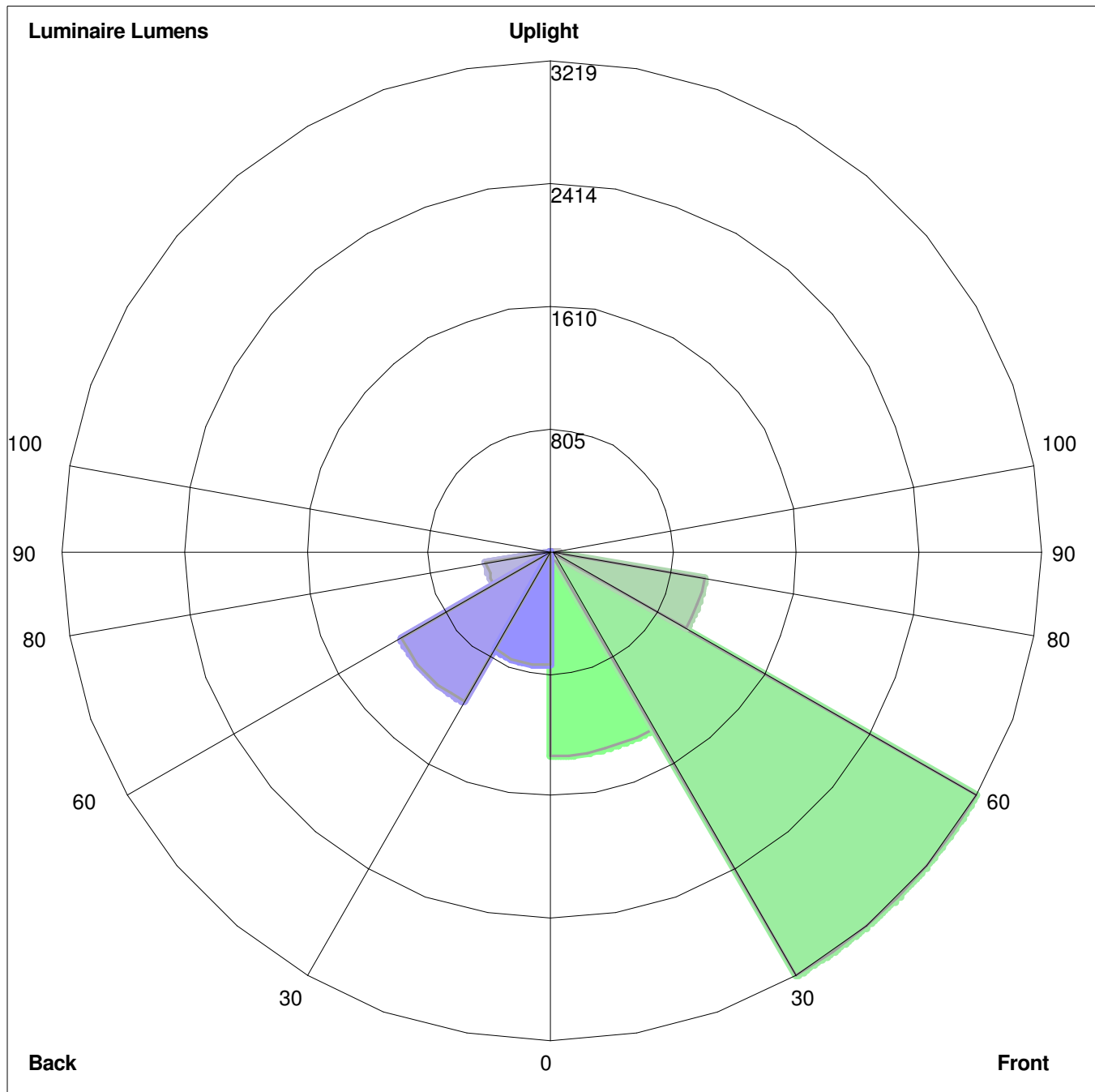


Maximum Candela = 4470.562 Located At Horizontal Angle = 60, Vertical Angle = 45
1 - Vertical Plane Through Horizontal Angles (60 - 240) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (45) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=1344.9, Medium=3219.3, High= 1022.0, Very High=40.4
Back: Low=746.9, Medium=1144.5, High=434.1, Very High=11.8
Uplight: Low=0.0, High=0.0

BUG Rating : B2-U0-G1