



## IES ROAD REPORT

PHOTOMETRIC FILENAME : VWPX-L60-750-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  
[MANUFAC] H.E. WILLIAMS, INC.  
[LUMCAT] VWPX-L60-750-T2-xxx-SDGL-DIM-UNV  
[LUMINAIRE] CAST ALUMINUM LED WALL PACK  
[LAMP] 8 White LEDs  
[BALLAST] UNIVERSAL VOLTAGE DIMMING DRIVER  
[ \_SEARCH\_SOURCE TYPE] LED  
[ \_SEARCH\_APPLICATION] OUTDOOR  
[ \_SEARCH\_MOUNTING] WALL

### CHARACTERISTICS

IES Classification	Type II
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	6474
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	132
Total Luminaire Watts	49
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	3634.017
Maximum Candela Angle	60H 45V
Maximum Candela (<90 Degrees Vertical)	3634.017
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	321.692 (5.0% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

**IES ROAD REPORT****PHOTOMETRIC FILENAME : VWPX-L60-750-T2-XXX-SDGL-DIM-UNV\_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1093.2	N.A.	16.9
FM - Front-Medium (30-60)	2616.9	N.A.	40.4
FH - Front-High (60-80)	830.8	N.A.	12.8
FVH - Front-Very High (80-90)	32.9	N.A.	0.5
BL - Back-Low (0-30)	607.2	N.A.	9.4
BM - Back-Medium (30-60)	930.3	N.A.	14.4
BH - Back-High (60-80)	352.9	N.A.	5.5
BVH - Back-Very High (80-90)	9.6	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	6473.8	N.A.	100.0
BUG Rating	B2-U0-G1		

# IES ROAD REPORT

PHOTOMETRIC FILENAME : VWPX-L60-750-T2-XXX-SDGL-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	1943.140	1943.140	1943.140	1943.140	1943.140	1943.140	1943.140	1943.140	1943.140	1943.140
2.5	2076.885	2045.792	2037.486	2019.384	2027.796	2035.143	1993.508	1973.169	1972.637	1971.785
5.0	2186.778	2153.022	2138.753	2107.873	2097.437	2097.757	2046.537	2027.796	2025.666	2023.962
7.5	2342.140	2311.046	2291.027	2244.600	2210.950	2184.542	2102.761	2064.959	2056.547	2048.347
10.0	2540.735	2507.085	2475.885	2412.314	2360.242	2301.037	2164.523	2111.493	2091.793	2075.608
12.5	2738.477	2709.513	2672.670	2584.713	2514.326	2413.059	2241.298	2167.291	2138.008	2117.563
15.0	2959.221	2932.706	2878.505	2772.659	2658.401	2530.086	2341.288	2231.395	2186.352	2148.018
17.5	3133.644	3111.921	3056.868	2958.263	2821.749	2667.239	2422.323	2316.370	2262.596	2209.033
20.0	3291.561	3281.977	3216.702	3098.610	2964.332	2788.951	2515.817	2386.331	2323.824	2267.174
22.5	3359.392	3355.452	3293.904	3198.493	3080.401	2905.979	2609.950	2478.547	2408.374	2339.904
25.0	3329.150	3337.030	3289.964	3221.068	3162.395	2996.065	2728.361	2570.870	2501.442	2434.782
27.5	3224.050	3241.833	3212.975	3182.627	3168.145	3111.921	2843.259	2711.111	2624.325	2539.989
30.0	3088.387	3124.379	3096.587	3075.396	3130.236	3149.403	2976.791	2828.883	2744.121	2653.822
32.5	2928.873	2966.994	2961.351	2958.156	3076.142	3210.100	3118.097	2996.917	2917.053	2824.198
35.0	2745.718	2777.770	2784.905	2813.123	3002.454	3252.481	3300.080	3180.071	3083.170	2996.491
37.5	2456.292	2467.047	2532.748	2632.099	2926.637	3264.514	3447.242	3394.745	3297.844	3194.127
40.0	2025.134	2039.722	2163.564	2392.507	2787.780	3220.429	3560.223	3545.209	3467.687	3363.332
42.5	1532.108	1555.215	1727.827	2057.612	2559.795	3097.652	3575.237	3618.790	3588.548	3506.661
45.0	1094.773	1107.445	1303.378	1672.029	2284.531	2946.123	3518.268	3634.017	3624.859	3569.168
47.5	739.113	741.456	915.878	1295.285	1977.428	2750.830	3404.861	3565.441	3586.099	3553.088
50.0	480.887	485.572	616.762	948.143	1646.686	2547.869	3257.912	3441.173	3484.832	3473.757
52.5	327.335	332.553	415.398	668.939	1335.217	2337.561	3131.620	3351.299	3416.894	3417.639
55.0	252.796	253.435	297.626	466.192	1053.457	2122.461	3040.043	3324.146	3412.741	3443.196
57.5	213.396	211.373	233.522	338.410	818.232	1895.328	2940.799	3289.005	3414.019	3461.831
60.0	186.562	185.071	197.104	262.912	635.503	1654.353	2766.164	3162.395	3310.089	3370.360
62.5	164.945	163.029	171.015	216.058	499.415	1409.437	2480.358	2877.228	3028.117	3092.434
65.0	142.797	141.199	147.482	183.048	395.805	1151.423	2096.798	2457.037	2589.398	2649.243
67.5	120.754	118.731	124.907	155.681	317.219	909.170	1672.987	1970.294	2084.552	2127.785
70.0	97.966	96.369	102.545	130.338	253.435	700.246	1271.539	1497.500	1578.961	1609.842
72.5	75.817	74.540	80.503	104.888	198.595	517.624	923.971	1079.865	1128.103	1149.826
75.0	55.692	55.372	60.697	80.929	150.783	369.610	646.471	743.053	774.466	788.416
77.5	38.974	39.293	43.765	59.738	109.786	253.222	430.093	489.512	509.957	519.115
80.0	25.982	26.408	29.816	41.529	75.391	162.070	267.384	303.270	315.196	321.692
82.5	16.079	16.292	18.741	26.408	47.492	94.665	151.954	171.228	179.427	182.622
85.0	8.838	9.051	10.436	14.695	25.982	48.238	75.711	84.123	89.341	90.938
87.5	3.833	3.940	4.579	6.176	10.223	18.422	28.432	31.307	33.436	34.714
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-L60-750-T2-XXX-SDGL-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	1943.140	1943.140	1943.140	1943.140	1943.140	1943.140	1943.140	1943.140	1943.140	1943.140
2.5	1949.849	1939.626	1943.673	1936.432	1925.038	1911.408	1907.574	1905.870	1908.639	1906.829
5.0	1997.767	1985.841	1981.262	1969.229	1954.534	1933.876	1923.227	1924.079	1917.158	1913.750
7.5	2020.768	2003.943	1996.596	1979.665	1955.386	1931.320	1914.176	1904.273	1897.352	1889.365
10.0	2034.930	2008.948	2001.813	1985.841	1962.308	1934.834	1915.880	1905.551	1893.199	1882.231
12.5	2071.774	2039.403	2016.402	1992.656	1967.312	1934.195	1909.384	1893.092	1876.481	1861.786
15.0	2094.030	2053.565	2025.347	1991.058	1958.261	1927.167	1900.546	1880.953	1858.804	1839.530
17.5	2132.258	2082.316	2045.472	2003.730	1960.817	1918.436	1887.874	1865.726	1840.382	1818.446
20.0	2182.093	2113.516	2065.811	2016.828	1965.609	1915.135	1882.018	1857.100	1826.220	1800.131
22.5	2249.604	2169.102	2103.613	2042.597	1983.498	1923.121	1882.550	1851.776	1817.488	1788.630
25.0	2334.366	2246.197	2162.819	2080.719	2008.841	1935.367	1887.874	1856.355	1816.529	1786.394
27.5	2426.902	2330.427	2238.743	2137.476	2052.500	1968.697	1906.722	1871.476	1831.011	1793.635
30.0	2546.698	2437.976	2341.820	2223.515	2115.327	2010.652	1931.640	1884.999	1836.229	1795.339
32.5	2685.022	2560.008	2442.023	2322.440	2196.894	2074.543	1985.202	1928.232	1871.156	1826.220
35.0	2860.083	2717.180	2582.477	2445.111	2299.120	2156.536	2046.644	1975.831	1913.537	1860.508
37.5	3044.622	2881.913	2717.074	2560.967	2405.711	2233.738	2106.595	2020.661	1944.205	1888.726
40.0	3215.744	3056.123	2868.922	2681.295	2508.150	2310.727	2163.884	2068.793	1975.192	1912.792
42.5	3361.096	3195.831	2993.190	2778.729	2593.871	2381.113	2216.594	2108.725	2014.166	1940.798
45.0	3440.960	3284.853	3092.008	2868.922	2667.239	2452.778	2273.138	2159.837	2062.191	1985.841
47.5	3452.354	3311.261	3119.588	2906.404	2711.750	2517.095	2351.404	2244.387	2154.194	2081.464
50.0	3390.379	3275.162	3111.069	2933.771	2759.987	2595.148	2464.811	2378.877	2302.421	2236.081
52.5	3364.184	3281.764	3145.676	3002.348	2860.083	2730.491	2625.177	2564.055	2494.201	2425.411
55.0	3412.635	3346.827	3238.212	3123.421	3008.524	2891.497	2796.405	2738.903	2670.753	2586.310
57.5	3438.404	3387.930	3301.571	3205.521	3105.745	2988.291	2892.135	2823.666	2745.080	2647.539
60.0	3353.535	3316.479	3233.527	3140.672	3036.742	2924.187	2820.577	2739.542	2658.507	2552.235
62.5	3076.781	3043.344	2972.532	2874.991	2770.316	2659.891	2556.068	2463.852	2387.290	2286.022
65.0	2633.590	2602.070	2543.290	2447.028	2351.404	2245.132	2153.022	2058.570	1993.401	1903.741
67.5	2107.340	2085.511	2030.351	1942.821	1857.420	1775.000	1696.521	1617.083	1559.048	1492.389
70.0	1594.401	1572.785	1528.274	1458.526	1388.033	1322.651	1257.589	1199.555	1154.086	1102.547
72.5	1141.307	1122.672	1090.833	1039.827	988.927	939.518	894.155	849.858	817.167	781.388
75.0	780.323	767.225	745.822	710.895	675.329	641.892	614.845	582.474	558.940	538.176
77.5	512.193	506.337	492.281	468.747	445.747	424.876	407.838	384.518	369.503	356.725

# IES ROAD REPORT

PHOTOMETRIC FILENAME : VWPX-L60-750-T2-XXX-SDGL-DIM-UNV\_.IES

## CANDELA TABULATION - (Cont.)

80.0	316.900	313.599	306.784	290.065	277.287	265.361	253.967	240.124	232.670	224.258
82.5	180.492	178.363	176.552	166.436	159.515	152.380	146.098	138.644	135.130	130.338
85.0	90.193	89.341	89.447	84.869	80.609	76.137	73.262	69.215	68.576	67.405
87.5	34.395	34.714	35.353	33.969	31.520	30.029	28.751	26.728	26.728	27.580
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	1943.140	1943.140	1943.140	1943.140	1943.140	1943.140	1943.140	1943.140	1943.140	1943.140
2.5	1902.676	1896.074	1890.430	1886.703	1894.157	1899.588	1900.866	1892.560	1896.180	1913.324
5.0	1906.935	1899.268	1891.175	1888.833	1895.541	1898.629	1897.245	1889.365	1888.939	1898.736
7.5	1880.527	1871.050	1862.318	1855.609	1857.952	1858.272	1851.137	1841.340	1838.678	1849.007
10.0	1872.647	1862.212	1850.711	1841.127	1841.021	1837.294	1828.669	1815.890	1806.946	1810.673
12.5	1847.197	1833.567	1821.428	1807.372	1807.585	1800.876	1787.352	1773.403	1770.634	1775.426
15.0	1821.960	1807.691	1789.056	1774.787	1768.185	1758.069	1748.485	1736.240	1722.503	1717.072
17.5	1800.876	1784.903	1763.393	1744.332	1735.494	1730.596	1720.267	1699.609	1686.511	1686.192
20.0	1783.519	1762.541	1741.670	1716.859	1707.489	1696.947	1674.052	1649.241	1635.824	1635.505
22.5	1771.806	1744.652	1714.410	1689.386	1686.724	1670.751	1643.598	1626.666	1613.888	1594.295
25.0	1761.690	1724.846	1693.326	1672.455	1662.978	1638.593	1610.800	1588.864	1560.859	1548.719

# IES ROAD REPORT

PHOTOMETRIC FILENAME : VWPX-L60-750-T2-XXX-SDGL-DIM-UNV\_.IES

## CANDELA TABULATION - (Cont.)

27.5	1769.250	1732.193	1692.687	1667.450	1647.218	1619.532	1593.763	1560.220	1532.321	1518.478
30.0	1771.167	1730.276	1691.835	1666.492	1638.273	1615.486	1576.831	1537.538	1509.852	1490.791
32.5	1795.765	1746.249	1709.192	1676.714	1640.084	1616.763	1572.040	1531.682	1493.880	1462.360
35.0	1826.433	1772.871	1731.980	1686.405	1648.070	1615.486	1565.863	1524.867	1479.930	1450.008
37.5	1849.114	1789.056	1745.717	1694.178	1660.316	1618.787	1568.206	1522.737	1476.203	1432.331
40.0	1865.938	1804.816	1757.430	1703.868	1667.237	1620.064	1564.692	1504.954	1457.462	1401.663
42.5	1890.962	1820.895	1767.227	1710.151	1664.788	1617.935	1553.405	1497.287	1435.739	1366.736
45.0	1936.219	1862.212	1805.561	1752.851	1696.201	1646.260	1572.891	1509.533	1435.632	1349.379
47.5	2037.486	1965.822	1901.185	1843.683	1785.223	1725.804	1642.107	1567.141	1482.592	1372.593
50.0	2195.297	2126.082	2061.978	1996.170	1939.733	1869.985	1769.463	1672.775	1560.859	1416.358
52.5	2381.752	2310.407	2238.104	2161.435	2100.525	2021.087	1898.842	1780.005	1629.967	1436.697
55.0	2532.748	2447.880	2360.988	2277.503	2202.751	2113.729	1968.377	1823.451	1635.718	1397.936
57.5	2575.023	2473.117	2383.243	2296.671	2213.612	2121.822	1961.349	1785.542	1574.382	1308.808
60.0	2463.852	2360.136	2270.688	2194.552	2110.748	2029.606	1869.452	1684.807	1460.550	1184.540
62.5	2196.788	2099.673	2022.152	1956.131	1889.578	1817.488	1676.608	1505.486	1295.924	1037.271
65.0	1828.988	1742.522	1678.418	1631.671	1578.003	1526.783	1414.655	1266.747	1085.083	867.747
67.5	1425.623	1363.116	1313.174	1277.502	1237.357	1207.328	1123.737	1001.705	863.914	691.727
70.0	1056.439	1011.715	973.806	950.060	924.610	906.614	843.256	749.975	650.198	518.582
72.5	749.336	717.390	690.875	675.116	658.078	642.851	601.321	535.727	462.997	371.633
75.0	514.536	492.813	476.734	465.766	453.307	440.209	411.352	366.415	315.515	255.245
77.5	339.900	325.738	317.006	309.446	299.436	289.852	271.644	239.804	199.340	154.084
80.0	212.970	205.197	199.660	194.761	187.201	180.386	158.876	130.444	102.865	70.067
82.5	124.481	120.435	116.708	113.194	108.189	98.073	79.118	51.539	37.696	21.616
85.0	64.530	62.720	60.484	58.141	52.178	41.955	27.580	19.487	11.500	6.815
87.5	26.515	26.302	25.024	22.575	17.889	12.139	8.199	4.792	2.982	1.810
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-L60-750-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

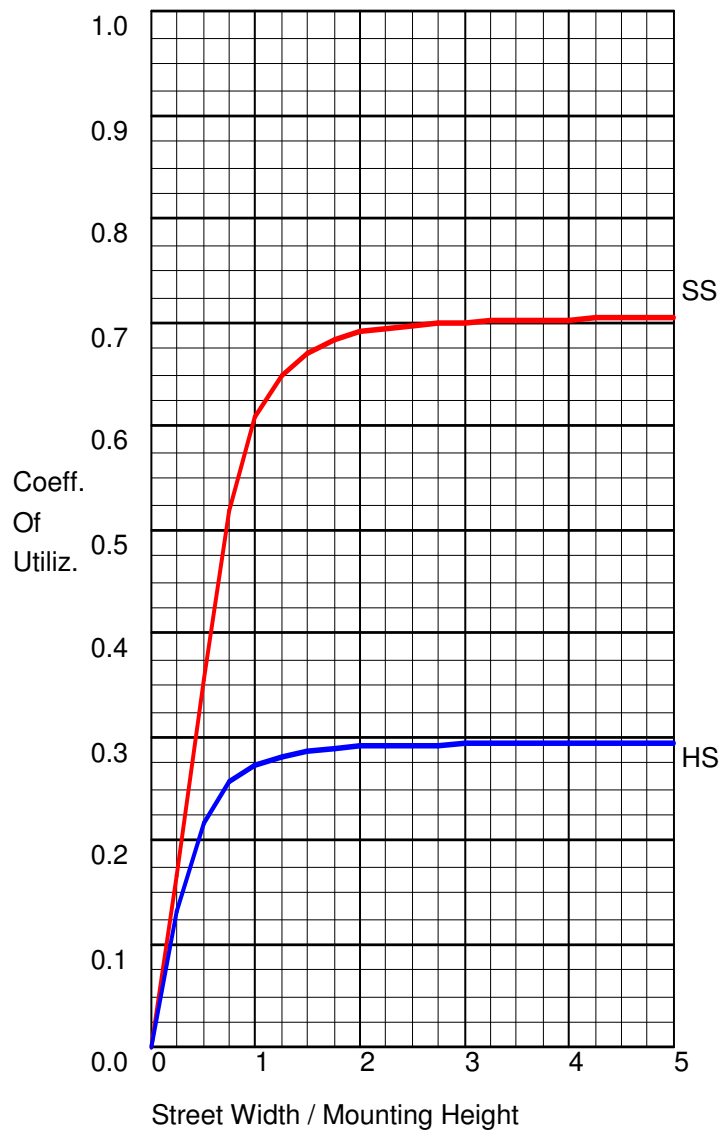
	<u>117.5</u>	<u>120.0</u>	<u>125.0</u>	<u>135.0</u>	<u>145.0</u>	<u>155.0</u>	<u>165.0</u>	<u>175.0</u>	<u>180.0</u>
0.0	1943.140	1943.140	1943.140	1943.140	1943.140	1943.140	1943.140	1943.140	1943.140
2.5	1908.852	1904.593	1911.195	1924.718	1899.907	1886.384	1896.074	1907.255	1933.450
5.0	1890.430	1882.657	1881.379	1878.930	1839.850	1814.826	1818.340	1835.697	1861.786
7.5	1837.933	1830.053	1831.863	1839.317	1795.339	1749.444	1745.930	1765.736	1798.533
10.0	1797.895	1786.607	1773.083	1757.963	1736.027	1699.502	1674.159	1688.534	1719.308
12.5	1756.685	1742.735	1728.360	1712.706	1643.172	1640.829	1629.329	1639.232	1673.307
15.0	1695.349	1682.252	1673.307	1648.815	1605.050	1581.304	1583.966	1575.554	1615.805
17.5	1672.242	1656.589	1620.384	1599.193	1569.484	1508.574	1502.505	1461.934	1497.500
20.0	1613.675	1590.355	1580.239	1556.812	1498.032	1399.108	1344.055	1259.399	1284.956
22.5	1567.780	1548.187	1519.010	1502.718	1368.760	1220.106	1045.151	919.818	923.865
25.0	1529.659	1515.922	1489.940	1395.807	1200.620	929.828	703.547	588.011	582.580
27.5	1490.259	1463.212	1429.563	1280.164	955.917	619.956	460.016	386.967	383.346
30.0	1459.272	1434.567	1361.199	1109.255	681.292	419.764	323.395	294.325	296.348
32.5	1430.414	1391.547	1290.280	895.327	478.757	313.386	265.041	250.879	250.666
35.0	1405.816	1346.717	1195.295	690.023	357.470	259.611	238.846	231.712	233.522
37.5	1368.653	1297.627	1095.945	527.208	285.593	233.841	223.725	220.744	221.808
40.0	1333.300	1233.523	971.783	408.690	244.490	217.762	211.479	210.308	209.243
42.5	1280.803	1156.535	846.770	330.104	221.915	207.220	203.812	200.831	199.766
45.0	1239.167	1092.324	749.549	279.204	208.711	199.234	196.359	194.442	191.567
47.5	1236.505	1053.457	676.180	248.430	198.488	191.247	188.798	186.136	184.219
50.0	1243.107	1026.303	615.164	228.730	189.969	182.409	179.534	178.788	176.020
52.5	1223.620	979.556	550.847	214.461	182.302	173.997	171.654	172.612	170.909
55.0	1159.090	895.646	483.762	200.937	174.210	165.371	164.839	167.821	166.649
57.5	1055.267	800.236	417.315	186.242	163.774	156.533	157.172	163.135	162.922
60.0	937.601	705.357	359.813	170.909	152.700	146.098	149.399	158.876	160.047
62.5	815.356	608.136	309.765	154.829	138.111	131.509	132.574	142.158	143.116
65.0	681.718	507.189	263.231	134.917	115.643	102.332	96.156	98.605	97.753
67.5	541.796	404.430	217.336	108.189	82.100	60.697	49.622	43.339	41.210
70.0	410.394	309.446	171.441	74.433	45.043	24.172	10.861	6.496	5.963
72.5	295.922	224.897	120.754	41.529	16.186	6.602	4.579	4.153	3.940
75.0	199.021	144.500	70.174	15.334	5.644	3.833	3.088	2.769	2.662
77.5	114.365	74.433	27.367	5.005	3.195	1.917	1.171	0.745	0.639
80.0	45.256	29.922	6.602	2.556	1.278	0.426	0.319	0.319	0.319
82.5	12.778	7.028	2.769	1.278	0.532	0.213	0.213	0.213	0.319
85.0	4.259	2.449	1.491	0.745	0.319	0.213	0.213	0.213	0.213
87.5	1.384	1.171	0.852	0.426	0.213	0.213	0.213	0.213	0.213
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-L60-750-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



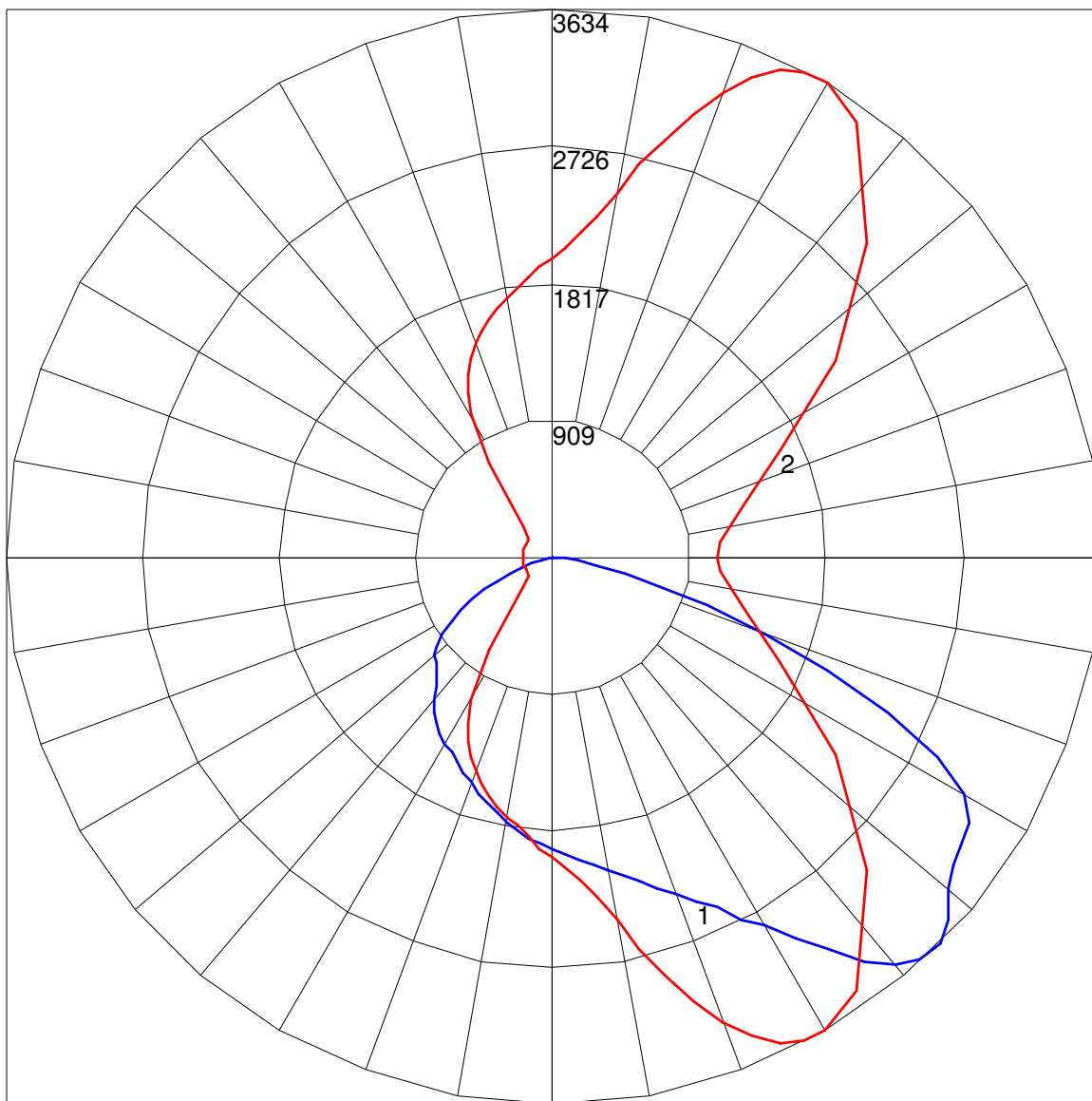
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

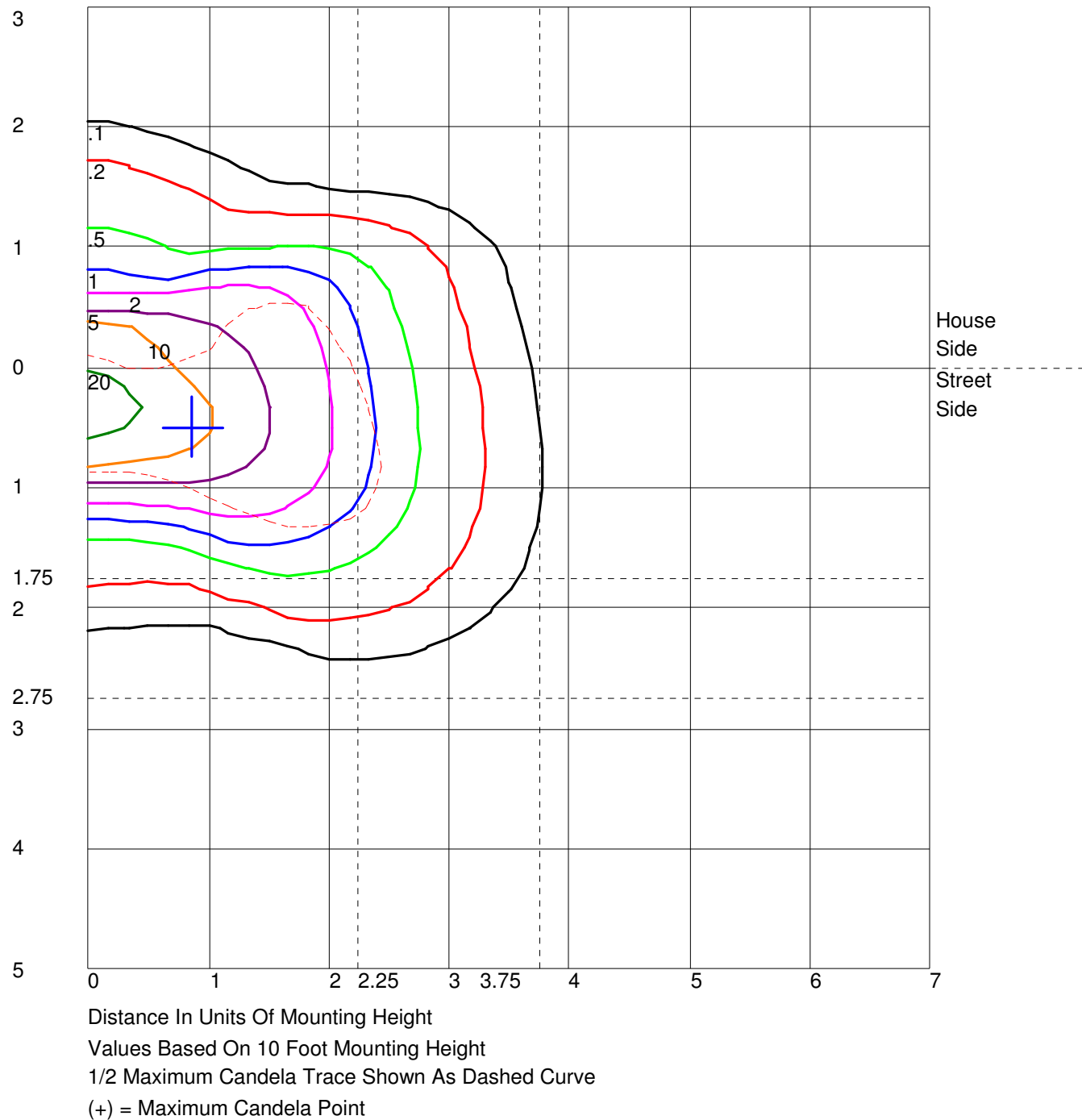
	Lumens	Percent Of Luminaire
Downward Street Side	4573.8	70.7
Downward House Side	1900.0	29.3
Downward Total	6473.8	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	6473.8	100.0

POLAR GRAPH

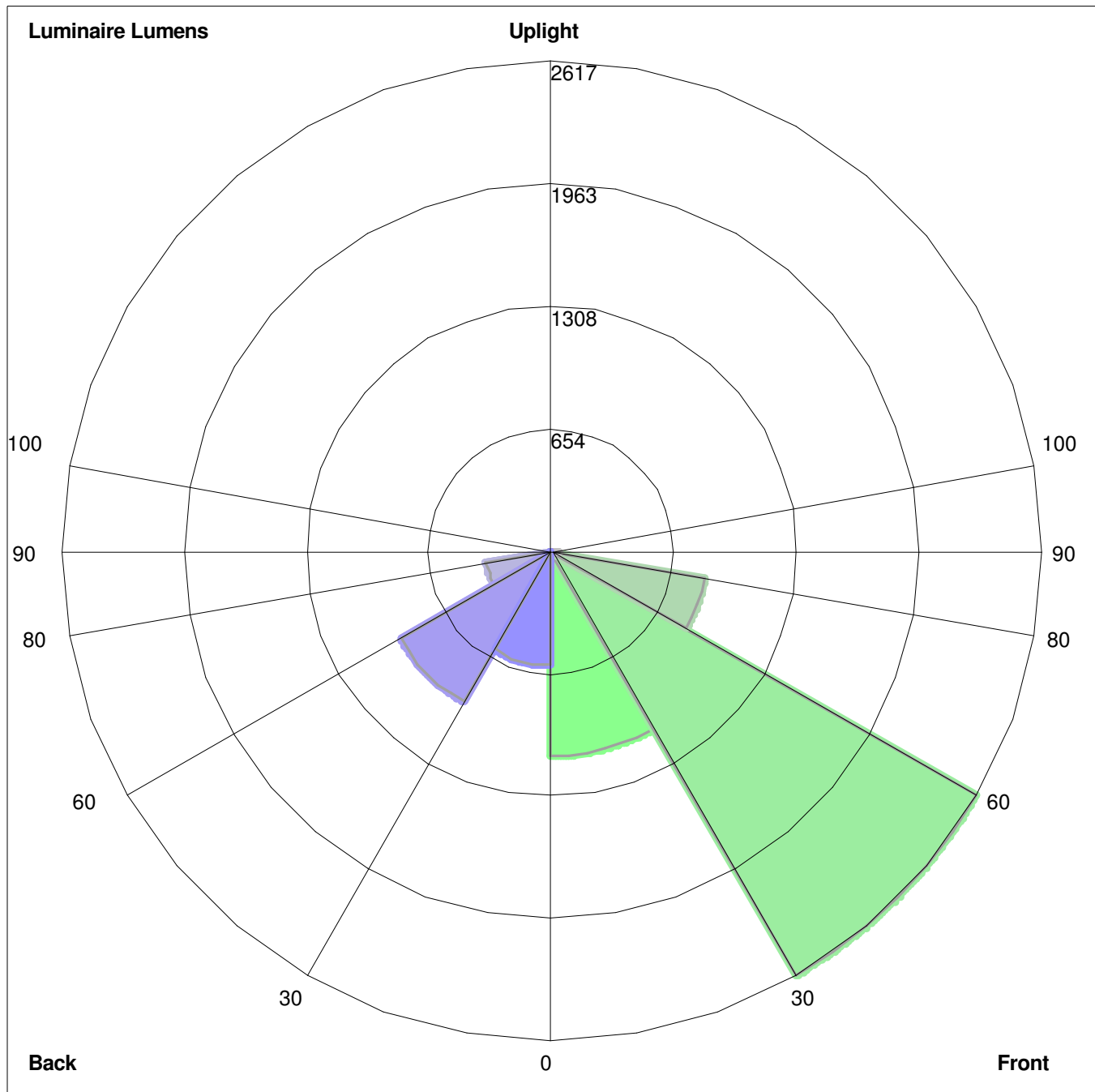


Maximum Candela = 3634.017 Located At Horizontal Angle = 60, Vertical Angle = 45  
# 1 - Vertical Plane Through Horizontal Angles (60 - 240) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (45) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:  
Front: Low=1093.2, Medium=2616.9, High=830.8, Very High=32.9  
Back: Low=607.2, Medium=930.3, High=352.9, Very High=9.6  
Uplight: Low=0.0, High=0.0

BUG Rating : B2-U0-G1