



IES ROAD REPORT

PHOTOMETRIC FILENAME : VWPX-L60-740-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
[MANUFACT] H.E. WILLIAMS, INC.
[LUMCAT] VWPx-L60-740-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	6414
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	131
Total Luminaire Watts	49
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	3623.847
Maximum Candela Angle	60H 45V
Maximum Candela (<90 Degrees Vertical)	3623.847
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	237.925 (3.7% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : VWPX-L60-740-T2-XXX-CGL-DIM-UNV_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1031.4	N.A.	16.1
FM - Front-Medium (30-60)	2556.9	N.A.	39.9
FH - Front-High (60-80)	988.4	N.A.	15.4
FVH - Front-Very High (80-90)	17.1	N.A.	0.3
BL - Back-Low (0-30)	574.5	N.A.	9.0
BM - Back-Medium (30-60)	874.1	N.A.	13.6
BH - Back-High (60-80)	369.8	N.A.	5.8
BVH - Back-Very High (80-90)	2.2	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	6414.4	N.A.	100.0
BUG Rating	B2-U0-G1		

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CANDELA TABULATION

Vert. Angles	Horizontal Angles									
	0.0	5.0	15.0	25.0	35.0	45.0	55.0	60.0	62.5	65.0
0.0	1855.327	1855.327	1855.327	1855.327	1855.327	1855.327	1855.327	1855.327	1855.327	1855.327
2.5	1928.339	1944.682	1933.751	1915.711	1914.862	1923.988	1908.282	1894.593	1884.511	1881.115
5.0	2010.902	2028.412	2014.192	1989.890	1982.674	1980.233	1950.731	1929.825	1915.392	1908.707
7.5	2109.171	2128.803	2109.171	2072.559	2050.485	2034.037	1990.314	1964.208	1945.319	1935.131
10.0	2297.962	2314.092	2284.166	2219.962	2157.562	2102.697	2027.775	1991.906	1967.923	1953.915
12.5	2486.964	2506.279	2467.863	2388.908	2306.770	2212.958	2075.318	2019.498	1987.767	1966.649
15.0	2696.024	2715.763	2666.629	2559.658	2447.169	2330.965	2152.150	2063.220	2017.906	1985.645
17.5	2904.660	2932.676	2872.293	2745.477	2601.788	2445.789	2240.868	2132.305	2070.436	2023.531
20.0	3100.242	3140.356	3069.573	2924.717	2752.057	2568.678	2323.218	2207.546	2139.416	2079.987
22.5	3233.319	3286.274	3216.340	3073.500	2892.031	2686.261	2410.875	2280.027	2208.395	2143.554
25.0	3260.698	3317.474	3264.307	3161.687	3002.292	2801.616	2510.842	2368.851	2289.578	2218.795
27.5	3156.911	3223.874	3205.515	3156.169	3070.422	2909.966	2618.237	2477.307	2392.304	2312.288
30.0	3000.912	3069.255	3049.941	3043.573	3059.173	2996.243	2739.747	2603.805	2510.630	2423.822
32.5	2887.893	2956.978	2920.790	2901.264	2995.818	3073.181	2893.729	2746.857	2651.878	2560.188
35.0	2790.685	2852.872	2808.407	2782.938	2907.207	3146.087	3078.275	2937.876	2821.248	2724.571
37.5	2614.417	2674.800	2673.420	2675.331	2843.534	3202.968	3292.535	3157.760	3037.418	2908.692
40.0	2256.998	2308.574	2398.034	2529.625	2787.501	3213.156	3472.942	3379.130	3261.547	3122.316
42.5	1765.548	1805.026	1978.323	2273.766	2675.649	3142.373	3555.929	3554.656	3458.722	3333.498
45.0	1308.270	1348.914	1532.823	1909.237	2454.385	2963.451	3524.623	3623.847	3561.342	3458.828
47.5	780.207	837.407	1075.226	1504.807	2137.824	2762.032	3405.873	3533.644	3522.607	3466.363
50.0	502.911	530.185	685.228	1106.320	1818.822	2603.274	3281.074	3401.204	3419.669	3383.269
52.5	249.598	260.317	405.598	756.648	1506.823	2442.712	3083.157	3246.903	3299.115	3294.657
55.0	211.395	210.758	227.419	470.862	1198.964	2238.533	2812.864	3020.545	3093.132	3079.124
57.5	187.305	186.244	190.170	282.178	902.035	2008.992	2653.682	2930.129	2994.545	2988.921
60.0	168.309	166.611	169.370	194.734	631.637	1798.128	2793.444	3090.797	3175.907	3206.470
62.5	154.832	152.285	152.815	164.064	439.132	1574.317	2898.717	3342.306	3504.885	3596.680
65.0	142.946	140.718	138.807	147.403	321.974	1283.755	2670.343	3280.756	3506.689	3615.251
67.5	129.893	128.832	126.603	134.456	258.194	1100.271	2253.603	2803.314	2947.002	3003.459
70.0	114.399	113.975	113.763	122.571	205.982	889.937	1869.442	2327.888	2406.949	2382.434
72.5	96.571	96.465	97.632	111.640	170.432	734.469	1336.392	1582.382	1645.100	1637.459
75.0	76.302	77.044	79.485	101.771	139.338	533.262	758.453	908.509	993.194	1001.259
77.5	53.485	55.183	59.110	82.138	104.742	281.435	444.120	450.381	442.316	423.426
80.0	29.183	31.837	34.383	54.440	74.391	128.620	237.925	178.709	143.371	122.677
82.5	16.873	18.041	19.208	32.367	48.710	65.265	106.865	85.110	71.844	63.567
85.0	8.596	9.020	9.233	16.555	29.608	39.477	38.841	36.188	32.898	31.306
87.5	3.396	3.714	3.714	6.049	10.294	13.796	10.294	11.673	11.567	11.355
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	1855.327	1855.327	1855.327	1855.327	1855.327	1855.327	1855.327	1855.327	1855.327	1855.327
2.5	1870.715	1862.013	1867.001	1860.634	1850.446	1842.381	1833.997	1839.197	1843.123	1839.728
5.0	1893.425	1882.601	1883.662	1872.838	1859.891	1847.793	1835.589	1836.968	1837.499	1831.556
7.5	1916.984	1900.217	1898.625	1884.086	1866.789	1851.613	1834.634	1833.573	1830.177	1820.838
10.0	1930.886	1912.315	1907.752	1889.605	1868.487	1847.899	1829.434	1823.809	1816.911	1803.858
12.5	1939.907	1917.833	1908.919	1887.164	1863.923	1840.152	1817.654	1809.058	1799.401	1782.846
15.0	1947.866	1920.380	1909.131	1883.131	1857.025	1830.070	1803.222	1792.185	1778.601	1760.348
17.5	1969.939	1932.054	1912.845	1882.070	1852.993	1822.536	1793.565	1778.389	1761.728	1740.928
20.0	2007.612	1954.764	1922.503	1885.466	1850.446	1816.381	1783.271	1766.716	1748.038	1724.055
22.5	2059.718	1989.147	1940.331	1892.258	1851.613	1811.711	1775.630	1755.997	1734.561	1708.561
25.0	2128.273	2046.559	1977.261	1912.845	1862.756	1815.744	1774.463	1753.132	1727.875	1700.071
27.5	2212.109	2124.028	2038.706	1952.217	1887.482	1832.405	1784.438	1759.499	1732.332	1701.132
30.0	2313.243	2216.991	2119.783	2012.494	1928.870	1860.952	1805.981	1777.010	1746.765	1713.336
32.5	2439.952	2335.316	2224.631	2100.999	1996.045	1908.176	1842.168	1809.058	1775.099	1738.593
35.0	2592.343	2474.867	2350.916	2211.260	2086.355	1971.955	1893.213	1853.311	1813.940	1774.357
37.5	2757.575	2624.180	2485.691	2328.206	2183.668	2039.130	1941.604	1890.242	1845.458	1802.373
40.0	2931.721	2776.040	2610.490	2434.540	2271.219	2103.334	1978.535	1911.890	1861.376	1814.258
42.5	3128.895	2935.754	2737.518	2536.417	2350.598	2164.248	2015.996	1931.947	1873.474	1824.658
45.0	3294.127	3080.185	2850.113	2628.106	2427.324	2227.709	2065.343	1964.208	1897.776	1844.928
47.5	3341.882	3163.915	2919.835	2675.437	2479.536	2287.986	2122.861	2011.963	1941.180	1886.421
50.0	3310.682	3167.736	2919.623	2676.604	2487.707	2321.308	2179.530	2072.559	2012.706	1966.331
52.5	3223.450	3062.357	2798.114	2609.429	2478.899	2368.426	2289.047	2230.680	2208.289	2186.427
55.0	3000.276	2862.742	2698.890	2591.919	2555.095	2521.136	2505.111	2491.315	2490.254	2471.577
57.5	2921.215	2864.864	2818.064	2781.346	2773.281	2765.322	2759.061	2730.832	2692.628	2637.021
60.0	3179.303	3187.474	3167.311	3110.855	3048.986	3008.129	2927.476	2842.366	2765.428	2680.212
62.5	3613.660	3618.435	3549.350	3405.236	3243.719	3098.969	2972.790	2840.775	2689.020	2544.482
65.0	3611.007	3538.101	3396.959	3226.103	3032.961	2880.995	2758.848	2642.645	2486.222	2342.320
67.5	3002.504	2913.680	2783.257	2650.710	2508.083	2366.198	2259.439	2173.799	2065.767	1969.939
70.0	2323.218	2221.342	2103.440	1984.584	1876.340	1749.949	1646.055	1571.664	1478.913	1405.053
72.5	1581.533	1488.995	1394.865	1314.743	1237.062	1152.907	1076.500	1026.304	956.157	909.570
75.0	961.676	884.525	810.558	748.583	684.592	604.470	522.968	482.430	439.663	415.891
77.5	386.389	321.761	263.713	205.027	158.228	128.514	108.775	101.877	95.191	92.008

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CANDELA TABULATION - (Cont.)

80.0	108.032	99.012	93.069	85.216	77.363	69.510	62.506	58.367	54.865	52.743
82.5	60.596	57.200	52.849	49.134	44.677	39.159	34.702	32.049	30.351	29.183
85.0	30.032	28.335	26.530	24.939	22.392	19.314	16.555	14.963	13.796	13.053
87.5	11.037	10.718	10.506	9.551	8.384	7.004	5.943	5.306	4.775	4.457
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	1855.327	1855.327	1855.327	1855.327	1855.327	1855.327	1855.327	1855.327	1855.327	1855.327
2.5	1836.013	1826.462	1814.577	1817.124	1817.548	1822.111	1821.899	1812.348	1816.275	1821.262
5.0	1825.826	1811.924	1797.809	1797.385	1797.916	1799.720	1797.916	1787.410	1791.867	1796.536
7.5	1812.030	1795.581	1780.724	1779.875	1776.585	1777.859	1776.797	1765.230	1768.520	1770.748
10.0	1794.201	1775.736	1759.712	1755.891	1753.875	1753.769	1752.283	1739.230	1740.291	1741.565
12.5	1769.793	1751.434	1734.030	1729.785	1725.116	1724.798	1721.190	1705.696	1703.892	1700.071
15.0	1745.704	1726.071	1707.712	1701.663	1696.251	1693.810	1685.108	1668.447	1662.823	1652.847
17.5	1724.267	1703.679	1684.790	1676.937	1669.296	1664.308	1650.937	1630.349	1619.843	1604.137
20.0	1704.635	1682.667	1662.929	1653.590	1642.129	1633.533	1615.811	1590.554	1573.680	1552.774
22.5	1687.761	1664.627	1642.978	1630.031	1614.006	1601.590	1577.819	1548.742	1527.836	1505.868
25.0	1677.998	1652.316	1627.378	1609.762	1590.023	1571.346	1541.631	1510.538	1488.358	1466.073

IES ROAD REPORT

PHOTOMETRIC FILENAME : VWPX-L60-740-T2-XXX-CGL-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

27.5	1677.786	1648.708	1620.904	1597.027	1571.664	1548.423	1513.403	1479.762	1454.718	1436.465
30.0	1687.443	1655.394	1623.345	1594.162	1564.023	1534.097	1493.877	1459.175	1434.342	1412.906
32.5	1710.683	1673.965	1638.839	1604.031	1567.631	1532.399	1487.722	1453.232	1422.987	1394.334
35.0	1743.581	1702.618	1663.671	1622.602	1579.517	1540.040	1494.195	1456.203	1418.530	1381.918
37.5	1769.369	1725.647	1682.667	1638.202	1591.296	1549.591	1500.562	1458.538	1413.861	1369.077
40.0	1780.724	1732.969	1687.231	1638.202	1590.341	1546.938	1495.150	1448.350	1397.730	1346.155
42.5	1787.197	1735.304	1685.320	1632.578	1582.807	1538.342	1480.718	1429.461	1376.930	1315.167
45.0	1806.087	1749.949	1694.659	1637.141	1584.080	1536.113	1471.591	1415.346	1356.343	1280.890
47.5	1843.654	1783.801	1722.781	1655.818	1599.256	1545.133	1474.138	1412.163	1340.743	1246.188
50.0	1931.947	1879.099	1823.915	1759.287	1702.088	1649.663	1569.117	1491.860	1405.265	1285.453
52.5	2169.766	2129.440	2082.322	2014.404	1945.955	1893.744	1798.340	1707.924	1595.541	1430.628
55.0	2446.744	2391.667	2324.174	2248.403	2172.950	2106.093	1990.951	1875.703	1711.532	1456.203
57.5	2587.462	2513.919	2435.814	2348.688	2257.529	2163.187	2015.784	1834.846	1592.782	1290.017
60.0	2585.870	2476.140	2372.141	2255.513	2149.922	2019.498	1845.670	1649.133	1401.869	1095.920
62.5	2403.022	2255.937	2145.252	2045.710	1960.600	1854.266	1706.863	1520.407	1267.731	955.521
65.0	2213.276	2076.591	1978.959	1900.748	1831.662	1742.944	1614.962	1430.734	1165.430	863.407
67.5	1902.127	1793.246	1715.247	1666.643	1634.912	1578.774	1487.085	1313.894	1068.116	798.673
70.0	1369.608	1297.127	1247.568	1228.148	1239.503	1212.760	1186.548	1070.981	877.415	664.322
72.5	883.252	834.860	799.522	782.648	795.277	785.832	795.065	718.551	583.139	429.050
75.0	411.434	382.887	368.243	372.700	400.716	394.879	404.218	353.704	251.190	164.489
77.5	92.326	87.763	85.853	86.914	92.326	94.767	108.563	102.301	78.424	57.518
80.0	52.318	50.832	50.408	49.347	48.816	45.420	39.053	29.502	22.392	17.086
82.5	29.077	28.971	28.865	28.441	27.379	21.861	13.796	9.869	6.686	4.563
85.0	13.477	13.477	13.371	12.947	10.824	6.898	4.669	3.290	2.335	1.592
87.5	4.669	4.457	4.245	3.608	2.547	1.910	1.486	1.273	1.061	0.955
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-L60-740-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

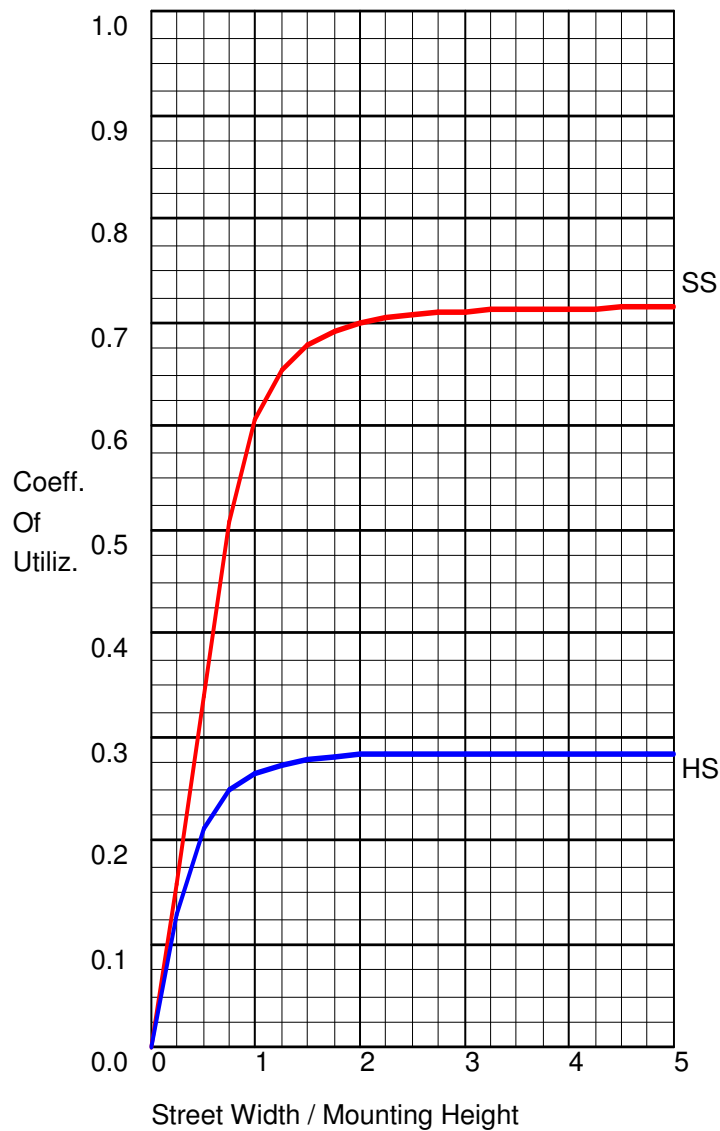
Horizontal Angles

	117.5	120.0	125.0	135.0	145.0	155.0	165.0	175.0	180.0
0.0	1855.327	1855.327	1855.327	1855.327	1855.327	1855.327	1855.327	1855.327	1855.327
2.5	1819.246	1823.597	1828.479	1828.266	1810.544	1804.389	1816.805	1826.675	1808.209
5.0	1793.777	1795.263	1798.658	1796.642	1773.614	1760.242	1767.459	1773.932	1759.499
7.5	1768.414	1768.626	1767.034	1754.724	1719.492	1694.235	1690.520	1690.733	1677.892
10.0	1734.879	1730.953	1723.949	1694.022	1643.827	1608.913	1604.986	1608.064	1596.072
12.5	1690.839	1682.880	1664.520	1616.447	1568.586	1555.321	1577.288	1594.692	1585.460
15.0	1640.219	1626.317	1597.451	1552.244	1539.297	1543.329	1542.693	1540.252	1532.187
17.5	1586.627	1569.011	1538.236	1523.803	1514.464	1471.273	1438.693	1420.865	1414.498
20.0	1534.203	1516.481	1497.485	1496.954	1436.995	1352.522	1285.241	1230.588	1226.980
22.5	1487.828	1476.367	1468.407	1434.767	1322.596	1159.487	920.394	747.310	742.110
25.0	1452.171	1444.636	1432.008	1342.971	1147.177	762.273	538.568	456.430	454.838
27.5	1422.669	1411.208	1381.281	1224.327	841.228	475.213	344.259	298.945	297.672
30.0	1393.379	1375.657	1317.608	1042.222	537.613	319.533	257.558	245.141	246.203
32.5	1366.743	1337.878	1244.278	809.709	369.198	250.023	231.982	227.525	229.117
35.0	1344.775	1298.294	1153.968	575.180	276.341	226.570	218.717	216.064	217.231
37.5	1319.837	1255.421	1039.039	404.536	235.060	213.517	208.529	207.150	207.150
40.0	1283.649	1196.417	912.329	311.998	214.578	202.905	200.252	198.872	197.811
42.5	1236.956	1117.887	786.999	258.831	200.889	194.097	192.505	190.807	188.472
45.0	1181.454	1032.565	664.535	227.419	191.019	187.411	185.289	182.742	180.195
47.5	1120.965	951.382	554.168	206.831	182.636	180.407	177.648	174.783	172.023
50.0	1130.516	933.660	515.646	196.750	174.995	171.599	167.991	165.762	163.215
52.5	1235.788	991.284	496.544	188.048	169.264	160.987	158.970	158.228	156.211
55.0	1179.438	881.978	396.365	179.452	162.472	152.497	150.693	152.497	151.011
57.5	1006.141	727.783	321.337	169.477	153.028	144.326	142.840	146.342	145.387
60.0	837.832	599.694	269.655	155.787	141.673	135.093	133.501	138.807	139.232
62.5	721.098	515.434	235.590	138.701	126.709	121.722	113.232	117.689	119.812
65.0	644.372	452.503	203.966	119.387	107.395	87.232	70.147	61.338	63.355
67.5	599.376	415.148	179.558	97.420	73.012	42.555	25.045	15.600	17.935
70.0	515.221	377.900	160.881	63.991	31.837	10.188	3.078	2.547	2.441
72.5	325.263	236.227	105.697	31.730	6.155	2.122	1.910	1.910	1.910
75.0	131.379	92.750	50.196	5.306	1.804	1.273	0.955	0.849	0.955
77.5	44.253	33.959	11.355	1.592	0.955	0.531	0.318	0.318	0.318
80.0	11.992	6.473	1.910	0.849	0.424	0.212	0.212	0.212	0.212
82.5	3.078	1.910	0.955	0.424	0.318	0.212	0.212	0.212	0.212
85.0	1.167	0.955	0.637	0.318	0.212	0.212	0.106	0.212	0.212
87.5	0.743	0.637	0.531	0.318	0.212	0.212	0.106	0.212	0.212
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-L60-740-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

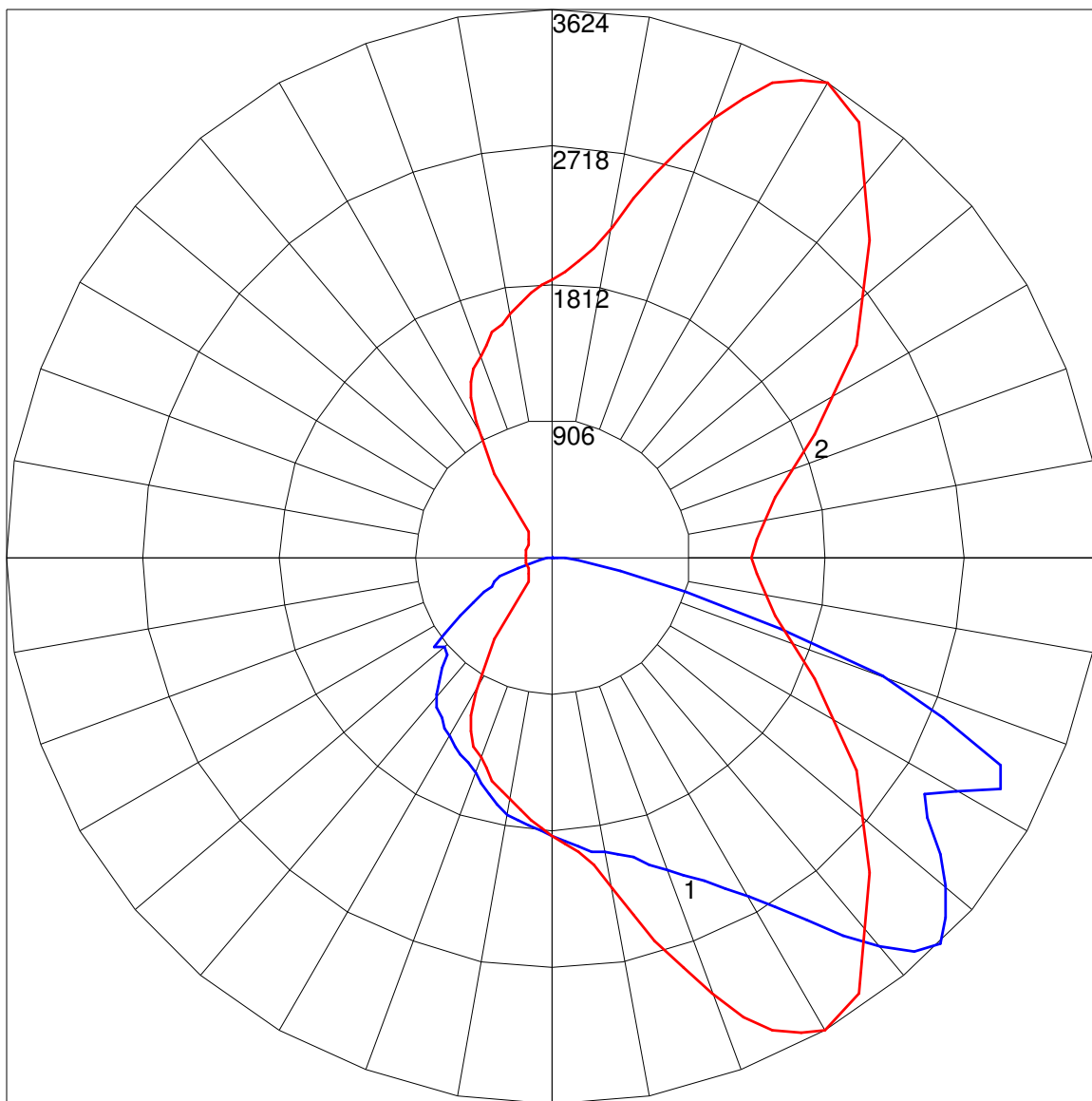
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

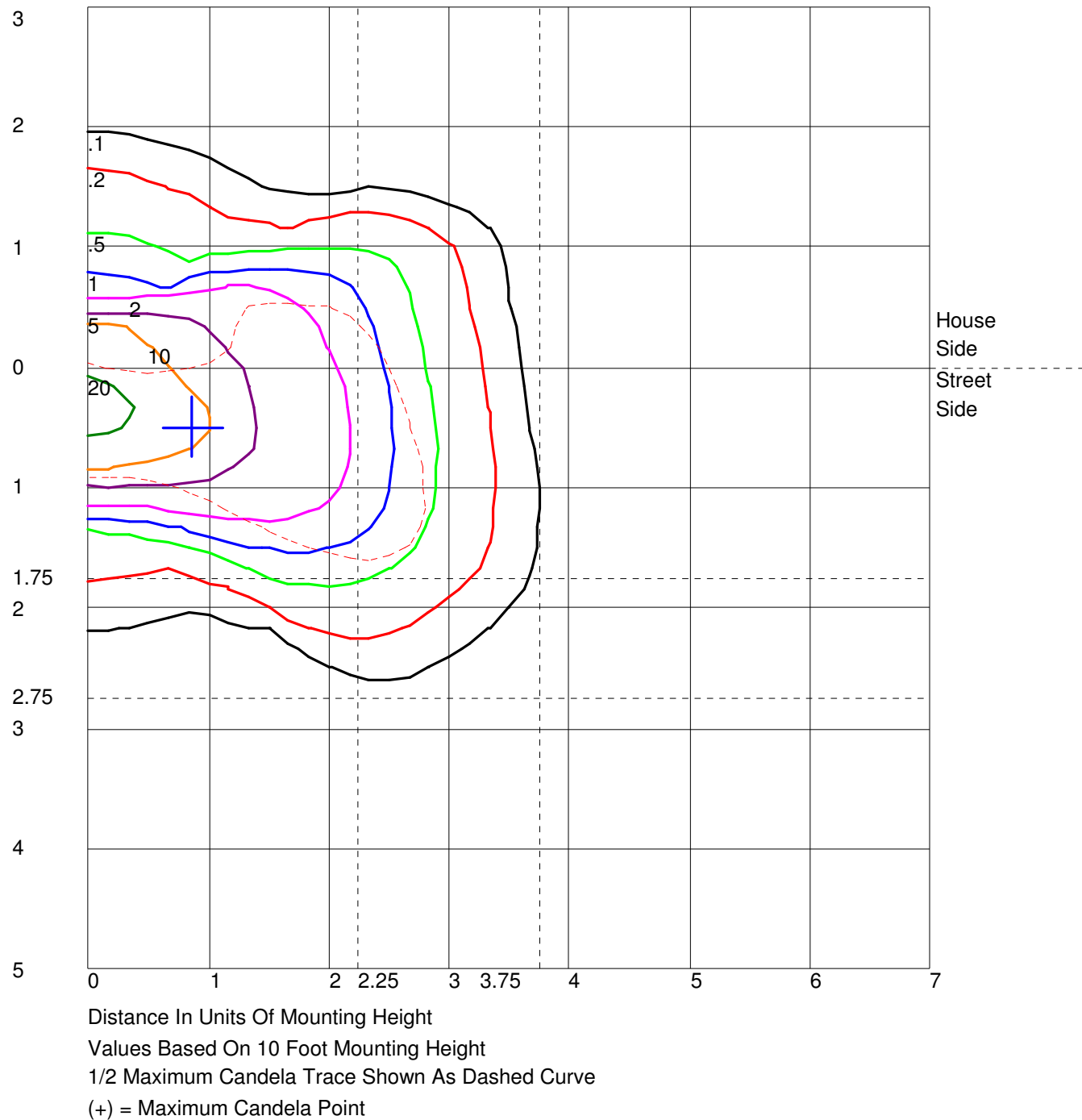
	Lumens	Percent Of Luminaire
Downward Street Side	4593.8	71.6
Downward House Side	1820.6	28.4
Downward Total	6414.4	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	6414.4	100.0

POLAR GRAPH

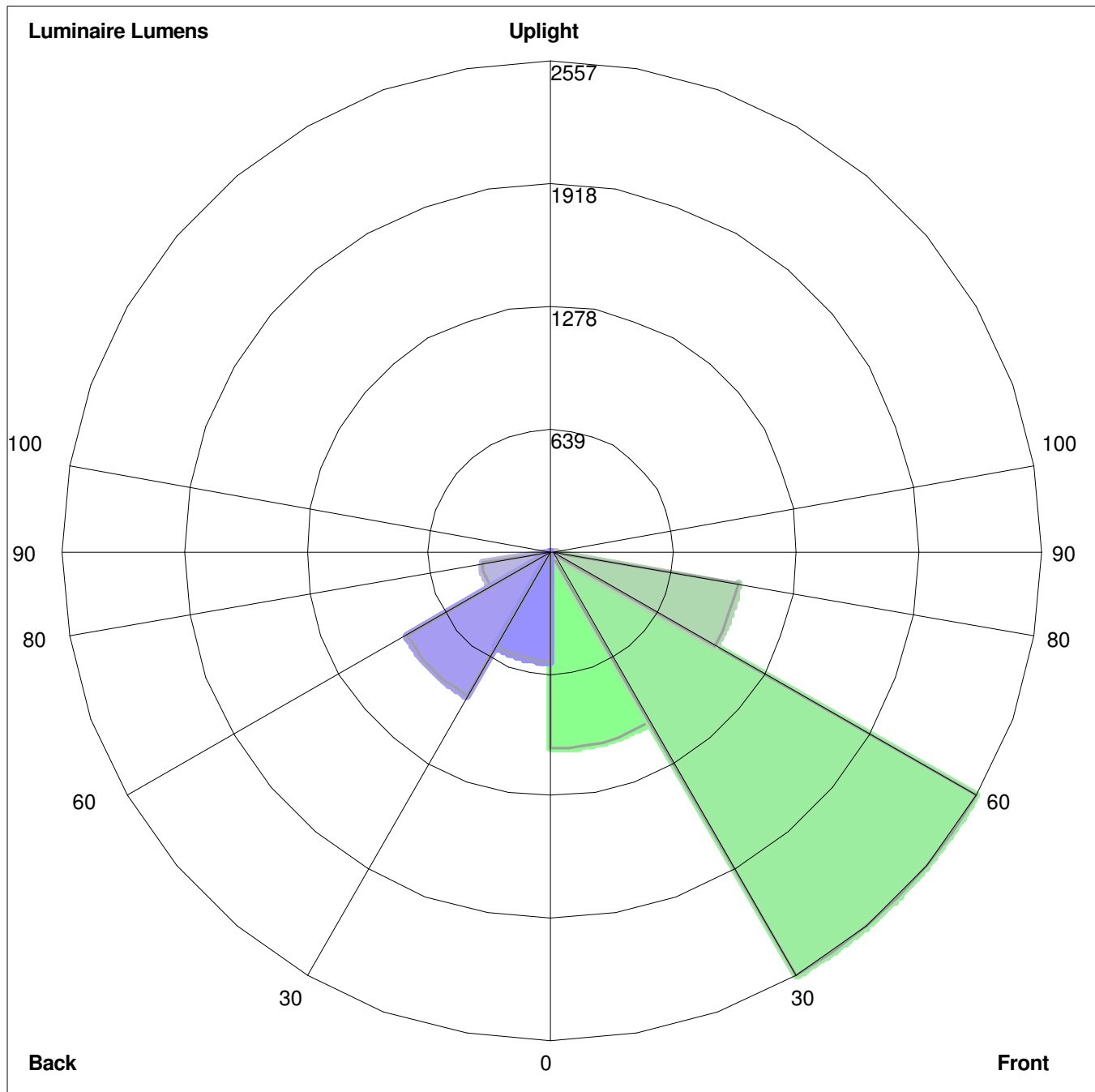


Maximum Candela = 3623.847 Located At Horizontal Angle = 60, Vertical Angle = 45
1 - Vertical Plane Through Horizontal Angles (60 - 240) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (45) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=1031.4, Medium=2556.9, High=988.4, Very High=17.1
Back: Low=574.5, Medium=874.1, High=369.8, Very High=2.2
Uplight: Low=0.0, High=0.0

BUG Rating : B2-U0-G1