



IES ROAD REPORT

PHOTOMETRIC FILENAME : VWPX-L60-730-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
[MANUFACT] H.E. WILLIAMS, INC.
[LUMCAT] VWPX-L60-730-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	5971
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	122
Total Luminaire Watts	49
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	3351.762
Maximum Candela Angle	60H 45V
Maximum Candela (<90 Degrees Vertical)	3351.762
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	296.706 (5.0% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : VWPX-L60-730-T2-XXX-SDGL-DIM-UNV_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1008.3	N.A.	16.9
FM - Front-Medium (30-60)	2413.7	N.A.	40.4
FH - Front-High (60-80)	766.2	N.A.	12.8
FVH - Front-Very High (80-90)	30.3	N.A.	0.5
BL - Back-Low (0-30)	560.0	N.A.	9.4
BM - Back-Medium (30-60)	858.1	N.A.	14.4
BH - Back-High (60-80)	325.5	N.A.	5.5
BVH - Back-Very High (80-90)	8.9	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	5971.0	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	1792.216	1792.216	1792.216	1792.216	1792.216	1792.216	1792.216	1792.216	1792.216	1792.216
2.5	1915.573	1886.895	1879.234	1862.538	1870.296	1877.073	1838.671	1819.912	1819.421	1818.636
5.0	2016.931	1985.797	1972.636	1944.154	1934.529	1934.823	1887.582	1870.296	1868.332	1866.761
7.5	2160.225	2131.547	2113.082	2070.261	2039.225	2014.868	1939.439	1904.573	1896.814	1889.252
10.0	2343.395	2312.359	2283.583	2224.949	2176.922	2122.315	1996.404	1947.493	1929.323	1914.395
12.5	2525.779	2499.065	2465.083	2383.958	2319.038	2225.636	2067.216	1998.957	1971.948	1953.091
15.0	2729.378	2704.922	2654.931	2557.306	2451.922	2333.574	2159.440	2058.082	2016.538	1981.181
17.5	2890.253	2870.217	2819.440	2728.494	2602.583	2460.074	2234.181	2136.457	2086.859	2037.457
20.0	3035.905	3027.065	2966.860	2857.940	2734.092	2572.333	2320.413	2200.984	2143.332	2091.082
22.5	3098.467	3094.833	3038.065	2950.065	2841.146	2680.270	2407.235	2286.038	2221.315	2158.163
25.0	3070.574	3077.842	3034.432	2970.887	2916.771	2763.360	2516.449	2371.190	2307.154	2245.672
27.5	2973.637	2990.039	2963.423	2935.431	2922.074	2870.217	2622.422	2500.538	2420.493	2342.708
30.0	2848.512	2881.708	2856.074	2836.530	2887.110	2904.789	2745.583	2609.163	2530.985	2447.699
32.5	2701.387	2736.547	2731.342	2728.396	2837.217	2960.771	2875.914	2764.146	2690.485	2604.842
35.0	2532.458	2562.020	2568.601	2594.628	2769.253	2999.860	3043.762	2933.074	2843.699	2763.753
37.5	2265.511	2275.431	2336.029	2427.663	2699.324	3010.958	3179.494	3131.074	3041.699	2946.039
40.0	1867.841	1881.296	1995.520	2206.681	2571.253	2970.298	3283.700	3269.851	3198.351	3102.101
42.5	1413.109	1434.421	1593.627	1897.797	2360.976	2857.056	3297.548	3337.718	3309.825	3234.298
45.0	1009.742	1021.430	1202.144	1542.162	2107.091	2717.297	3245.003	3351.762	3343.316	3291.950
47.5	681.706	683.867	844.742	1194.680	1823.841	2537.172	3140.405	3288.512	3307.566	3277.119
50.0	443.536	447.858	568.858	874.501	1518.787	2349.976	3004.869	3173.896	3214.164	3203.950
52.5	301.911	306.724	383.134	616.983	1231.510	2156.002	2888.387	3091.003	3151.503	3152.191
55.0	233.161	233.750	274.509	429.983	971.635	1957.609	2803.922	3065.958	3147.673	3175.762
57.5	196.822	194.956	215.384	312.125	754.679	1748.118	2712.387	3033.548	3148.851	3192.950
60.0	172.072	170.697	181.795	242.491	586.143	1525.859	2551.315	2916.771	3052.994	3108.583
62.5	152.134	150.366	157.732	199.277	460.625	1299.966	2287.708	2653.753	2792.922	2852.244
65.0	131.705	130.232	136.027	168.831	365.063	1061.992	1933.939	2266.199	2388.279	2443.476
67.5	111.375	109.509	115.205	143.589	292.581	838.554	1543.046	1817.261	1922.645	1962.520
70.0	90.357	88.884	94.580	120.214	233.750	645.858	1172.778	1381.189	1456.323	1484.805
72.5	69.929	68.750	74.250	96.741	183.170	477.420	852.206	995.992	1040.483	1060.519
75.0	51.366	51.071	55.982	74.643	139.072	340.902	596.260	685.340	714.313	727.179
77.5	35.946	36.241	40.366	55.098	101.259	233.554	396.688	451.492	470.349	478.795
80.0	23.964	24.357	27.500	38.304	69.536	149.482	246.616	279.715	290.715	296.706
82.5	14.830	15.027	17.286	24.357	43.804	87.313	140.152	157.929	165.491	168.438
85.0	8.152	8.348	9.625	13.554	23.964	44.491	69.830	77.589	82.402	83.875
87.5	3.536	3.634	4.223	5.696	9.429	16.991	26.223	28.875	30.839	32.018
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	1792.216	1792.216	1792.216	1792.216	1792.216	1792.216	1792.216	1792.216	1792.216	1792.216
2.5	1798.404	1788.975	1792.707	1786.029	1775.520	1762.948	1759.412	1757.841	1760.395	1758.725
5.0	1842.600	1831.600	1827.377	1816.279	1802.725	1783.671	1773.850	1774.636	1768.252	1765.109
7.5	1863.814	1848.296	1841.520	1825.904	1803.511	1781.314	1765.502	1756.368	1749.984	1742.618
10.0	1876.877	1852.913	1846.332	1831.600	1809.895	1784.555	1767.073	1757.546	1746.153	1736.037
12.5	1910.859	1881.002	1859.788	1837.886	1814.511	1783.966	1761.082	1746.055	1730.734	1717.180
15.0	1931.386	1894.064	1868.038	1836.413	1806.162	1777.484	1752.930	1734.859	1714.430	1696.653
17.5	1966.645	1920.582	1886.600	1848.100	1808.520	1769.430	1741.243	1720.814	1697.439	1677.207
20.0	2012.609	1949.359	1905.359	1860.180	1812.939	1766.386	1735.841	1712.859	1684.377	1660.314
22.5	2074.877	2000.627	1940.225	1883.948	1829.439	1773.752	1736.332	1707.948	1676.323	1649.707
25.0	2153.056	2071.734	1994.832	1919.109	1852.814	1785.046	1741.243	1712.171	1675.439	1647.644
27.5	2238.404	2149.422	2064.859	1971.457	1893.082	1815.787	1758.627	1726.118	1688.796	1654.323
30.0	2348.895	2248.618	2159.931	2050.815	1951.029	1854.484	1781.609	1738.591	1693.609	1655.894
32.5	2476.476	2361.172	2252.350	2142.056	2026.261	1913.413	1831.011	1778.466	1725.823	1684.377
35.0	2637.940	2506.136	2381.895	2255.199	2120.547	1989.038	1887.680	1822.368	1764.912	1716.002
37.5	2808.146	2658.074	2506.038	2362.056	2218.859	2060.243	1942.975	1863.716	1793.198	1742.028
40.0	2965.976	2818.753	2646.092	2473.038	2313.342	2131.252	1995.814	1908.109	1821.779	1764.225
42.5	3100.039	2947.610	2760.708	2562.904	2392.404	2196.172	2044.431	1944.939	1857.725	1790.055
45.0	3173.700	3029.717	2851.851	2646.092	2460.074	2262.270	2096.582	1992.082	1902.020	1831.600
47.5	3184.208	3054.074	2877.289	2680.663	2501.127	2321.592	2168.770	2070.065	1986.877	1919.797
50.0	3127.048	3020.780	2869.431	2705.904	2545.619	2393.583	2273.368	2194.109	2123.591	2062.404
52.5	3102.887	3026.869	2901.351	2769.154	2637.940	2518.413	2421.279	2364.904	2300.475	2237.029
55.0	3147.575	3086.878	2986.699	2880.824	2774.851	2666.913	2579.208	2526.172	2463.315	2385.431
57.5	3171.342	3124.789	3045.137	2956.548	2864.521	2756.190	2667.503	2604.351	2531.869	2441.904
60.0	3093.066	3058.887	2982.378	2896.735	2800.878	2697.065	2601.503	2526.761	2452.020	2354.002
62.5	2837.806	2806.967	2741.654	2651.690	2555.145	2453.297	2357.538	2272.484	2201.868	2108.466
65.0	2429.038	2399.967	2345.752	2256.966	2168.770	2070.752	1985.797	1898.680	1838.573	1755.877
67.5	1943.663	1923.529	1872.654	1791.921	1713.153	1637.136	1564.752	1491.484	1437.957	1376.475
70.0	1470.564	1450.626	1409.573	1345.242	1280.224	1219.921	1159.912	1106.385	1064.447	1016.912
72.5	1052.662	1035.474	1006.108	959.063	912.117	866.545	824.706	783.849	753.697	720.697
75.0	719.715	707.635	687.894	655.679	622.876	592.036	567.090	537.233	515.527	496.375
77.5	472.411	467.009	454.045	432.340	411.125	391.875	376.161	354.652	340.804	329.018

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CANDELA TABULATION - (Cont.)

80.0	292.286	289.241	282.956	267.536	255.750	244.750	234.241	221.473	214.598	206.839
82.5	166.473	164.509	162.839	153.509	147.125	140.545	134.750	127.875	124.634	120.214
85.0	83.188	82.402	82.500	78.277	74.348	70.223	67.571	63.839	63.250	62.170
87.5	31.723	32.018	32.607	31.330	29.071	27.696	26.518	24.652	24.652	25.438
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
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	1792.216	1792.216	1792.216	1792.216	1792.216	1792.216	1792.216	1792.216	1792.216	1792.216
2.5	1754.895	1748.805	1743.600	1740.162	1747.037	1752.046	1753.225	1745.564	1748.903	1764.716
5.0	1758.823	1751.752	1744.287	1742.127	1748.314	1751.162	1749.886	1742.618	1742.225	1751.261
7.5	1734.466	1725.725	1717.671	1711.484	1713.645	1713.939	1707.359	1698.323	1695.868	1705.395
10.0	1727.198	1717.573	1706.966	1698.127	1698.028	1694.591	1686.636	1674.850	1666.600	1670.037
12.5	1703.725	1691.153	1679.957	1666.993	1667.189	1661.002	1648.528	1635.662	1633.109	1637.528
15.0	1680.448	1667.287	1650.100	1636.939	1630.850	1621.519	1612.680	1601.385	1588.716	1583.707
17.5	1661.002	1646.269	1626.430	1608.850	1600.698	1596.180	1586.653	1567.600	1555.519	1555.225
20.0	1644.993	1625.644	1606.394	1583.510	1574.868	1565.144	1544.028	1521.144	1508.769	1508.475
22.5	1634.189	1609.144	1581.252	1558.171	1555.716	1540.984	1515.939	1500.323	1488.537	1470.466
25.0	1624.859	1590.877	1561.805	1542.555	1533.814	1511.323	1485.689	1465.457	1439.626	1428.430

IES ROAD REPORT

PHOTOMETRIC FILENAME : VWPX-L60-730-T2-XXX-SDGL-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

27.5	1631.832	1597.653	1561.216	1537.939	1519.278	1493.743	1469.975	1439.037	1413.305	1400.537
30.0	1633.600	1595.885	1560.430	1537.055	1511.028	1490.010	1454.359	1418.117	1392.582	1375.001
32.5	1656.287	1610.618	1576.439	1546.484	1512.698	1491.189	1449.939	1412.716	1377.850	1348.778
35.0	1684.573	1635.171	1597.457	1555.421	1520.064	1490.010	1444.242	1406.430	1364.983	1337.385
37.5	1705.493	1650.100	1610.127	1562.591	1531.359	1493.055	1446.403	1404.466	1361.546	1321.082
40.0	1721.011	1664.636	1620.930	1571.528	1537.743	1494.234	1443.162	1388.064	1344.260	1292.796
42.5	1744.091	1679.466	1629.966	1577.323	1535.484	1492.269	1432.751	1380.992	1324.225	1260.582
45.0	1785.832	1717.573	1665.323	1616.707	1564.457	1518.394	1450.725	1392.287	1324.126	1244.573
47.5	1879.234	1813.136	1753.520	1700.484	1646.564	1591.760	1514.564	1445.421	1367.439	1265.983
50.0	2024.788	1960.948	1901.823	1841.127	1789.073	1724.743	1632.028	1542.850	1439.626	1306.349
52.5	2196.761	2130.957	2064.270	1993.556	1937.377	1864.109	1751.359	1641.752	1503.368	1325.108
55.0	2336.029	2257.752	2177.609	2100.609	2031.663	1949.555	1815.493	1681.823	1508.671	1289.358
57.5	2375.020	2281.029	2198.136	2118.288	2041.681	1957.020	1809.011	1646.859	1452.100	1207.153
60.0	2272.484	2176.824	2094.323	2024.100	1946.805	1871.966	1724.252	1553.948	1347.108	1092.537
62.5	2026.163	1936.591	1865.091	1804.198	1742.814	1676.323	1546.385	1388.555	1195.269	956.706
65.0	1686.930	1607.180	1548.055	1504.939	1455.439	1408.198	1304.778	1168.358	1000.805	800.349
67.5	1314.894	1257.242	1211.180	1178.278	1141.251	1113.555	1036.456	923.903	796.813	638.001
70.0	974.385	933.135	898.171	876.269	852.795	836.197	777.760	691.724	599.697	478.304
72.5	691.135	661.670	637.215	622.679	606.965	592.920	554.617	494.117	427.036	342.768
75.0	474.572	454.536	439.706	429.590	418.099	406.018	379.402	337.956	291.009	235.420
77.5	313.500	300.438	292.384	285.411	276.179	267.340	250.545	221.179	183.857	142.116
80.0	196.429	189.259	184.152	179.634	172.661	166.375	146.536	120.313	94.875	64.625
82.5	114.813	111.080	107.643	104.402	99.786	90.455	72.973	47.536	34.768	19.938
85.0	59.518	57.848	55.786	53.625	48.125	38.696	25.438	17.973	10.607	6.286
87.5	24.455	24.259	23.080	20.821	16.500	11.196	7.563	4.420	2.750	1.670
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-L60-730-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

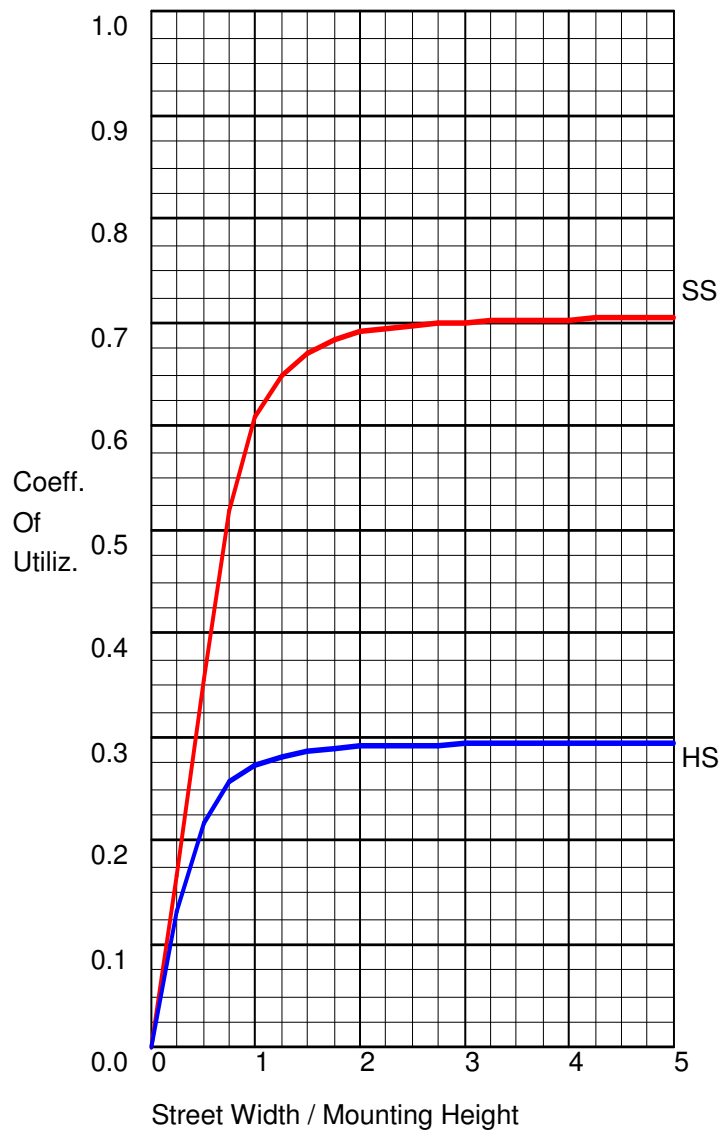
Vert. Horizontal Angles

	117.5	120.0	125.0	135.0	145.0	155.0	165.0	175.0	180.0
0.0	1792.216	1792.216	1792.216	1792.216	1792.216	1792.216	1792.216	1792.216	1792.216
2.5	1760.591	1756.662	1762.752	1775.225	1752.341	1739.868	1748.805	1759.118	1783.279
5.0	1743.600	1736.430	1735.252	1732.993	1696.948	1673.868	1677.109	1693.118	1717.180
7.5	1695.180	1687.912	1689.582	1696.457	1655.894	1613.564	1610.323	1628.591	1658.841
10.0	1658.252	1647.841	1635.368	1621.421	1601.189	1567.502	1544.127	1557.385	1585.769
12.5	1620.243	1607.377	1594.118	1579.680	1515.546	1513.385	1502.778	1511.912	1543.341
15.0	1563.671	1551.591	1543.341	1520.751	1480.385	1458.484	1460.939	1453.180	1490.305
17.5	1542.359	1527.921	1494.528	1474.984	1447.582	1391.403	1385.805	1348.385	1381.189
20.0	1488.341	1466.832	1457.501	1435.894	1381.680	1290.439	1239.662	1161.581	1185.153
22.5	1446.010	1427.939	1401.028	1386.001	1262.448	1125.340	963.974	848.376	852.108
25.0	1410.850	1398.180	1374.216	1287.394	1107.367	857.608	648.902	542.340	537.331
27.5	1374.510	1349.564	1318.528	1180.733	881.671	571.804	424.286	356.911	353.572
30.0	1345.930	1323.144	1255.474	1023.099	628.376	387.161	298.277	271.465	273.331
32.5	1319.314	1283.466	1190.064	825.787	441.572	289.045	244.456	231.393	231.197
35.0	1296.626	1242.117	1102.456	636.429	329.706	239.447	220.295	213.714	215.384
37.5	1262.349	1196.840	1010.822	486.259	263.411	215.679	206.348	203.598	204.581
40.0	1229.742	1137.715	896.304	376.947	225.500	200.848	195.054	193.973	192.991
42.5	1181.323	1066.706	781.001	304.465	204.679	191.125	187.982	185.232	184.250
45.0	1142.921	1007.483	691.331	257.518	192.500	183.759	181.107	179.339	176.688
47.5	1140.465	971.635	623.661	229.134	183.072	176.393	174.134	171.679	169.911
50.0	1146.555	946.590	567.384	210.964	175.214	168.241	165.589	164.902	162.348
52.5	1128.581	903.474	508.063	197.804	168.143	160.482	158.322	159.206	157.634
55.0	1069.064	826.081	446.188	185.331	160.679	152.527	152.036	154.786	153.706
57.5	973.305	738.081	384.902	171.777	151.054	144.375	144.964	150.464	150.268
60.0	864.778	650.572	331.866	157.634	140.839	134.750	137.795	146.536	147.616
62.5	752.028	560.902	285.706	142.804	127.384	121.295	122.277	131.116	132.000
65.0	628.768	467.795	242.786	124.438	106.661	94.384	88.688	90.947	90.161
67.5	499.715	373.018	200.456	99.786	75.723	55.982	45.768	39.973	38.009
70.0	378.518	285.411	158.125	68.652	41.545	22.295	10.018	5.991	5.500
72.5	272.938	207.429	111.375	38.304	14.929	6.089	4.223	3.830	3.634
75.0	183.563	133.277	64.723	14.143	5.205	3.536	2.848	2.554	2.455
77.5	105.482	68.652	25.241	4.616	2.946	1.768	1.080	0.688	0.589
80.0	41.741	27.598	6.089	2.357	1.179	0.393	0.295	0.295	0.295
82.5	11.786	6.482	2.554	1.179	0.491	0.196	0.196	0.196	0.295
85.0	3.929	2.259	1.375	0.688	0.295	0.196	0.196	0.196	0.196
87.5	1.277	1.080	0.786	0.393	0.196	0.196	0.196	0.196	0.196
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-L60-730-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

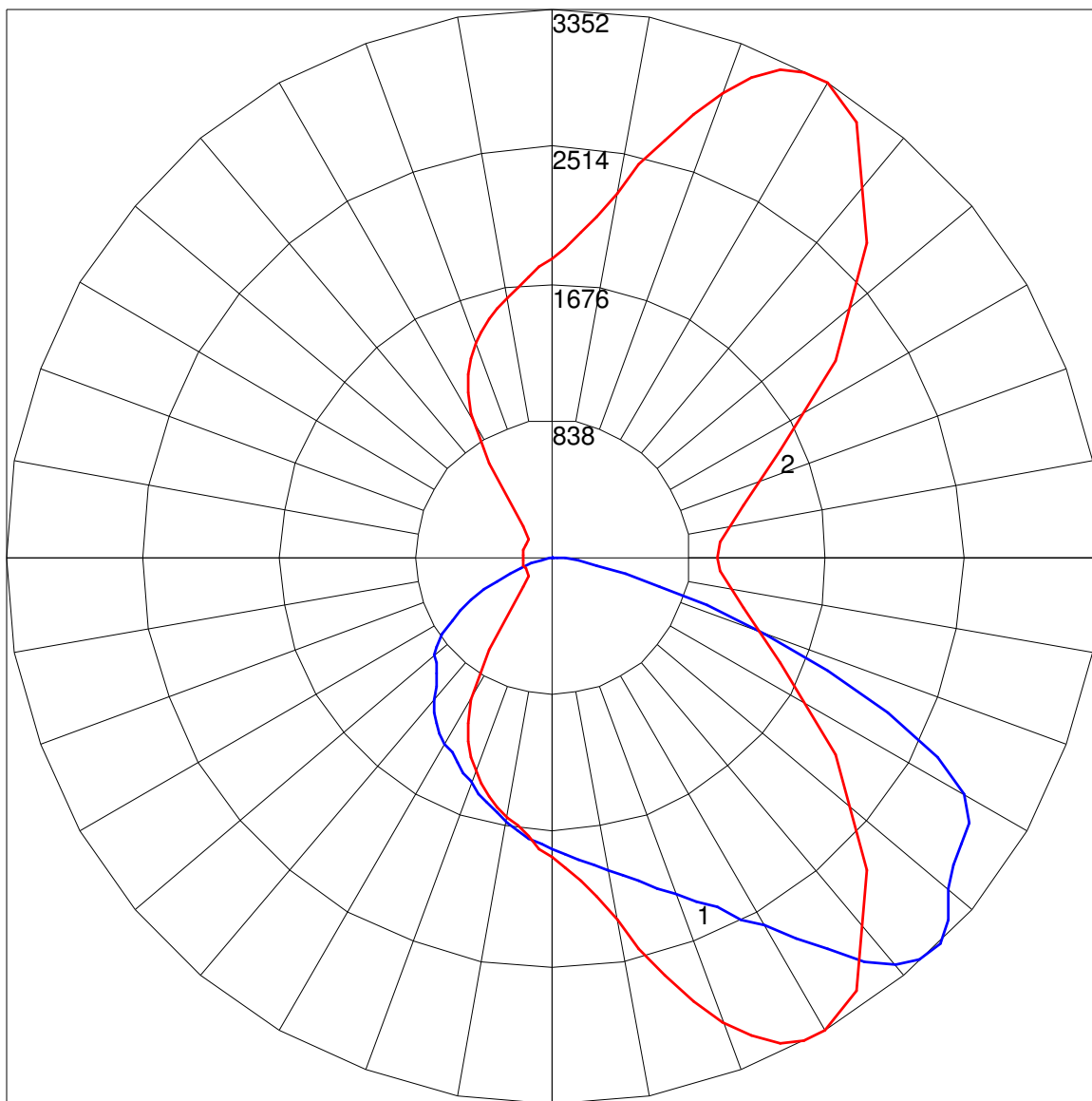
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

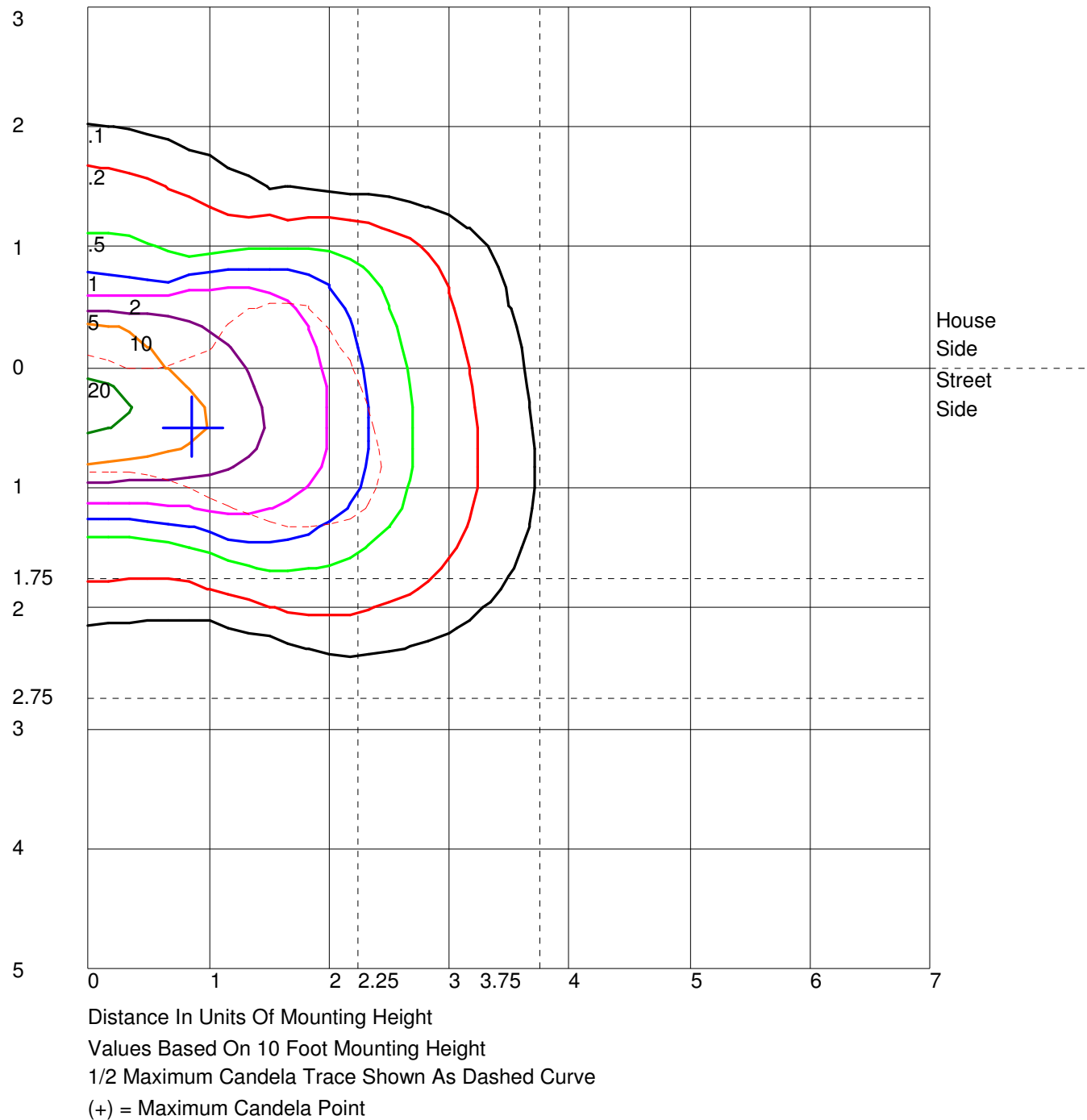
	Lumens	Percent Of Luminaire
Downward Street Side	4218.5	70.7
Downward House Side	1752.4	29.3
Downward Total	5970.9	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	5970.9	100.0

POLAR GRAPH

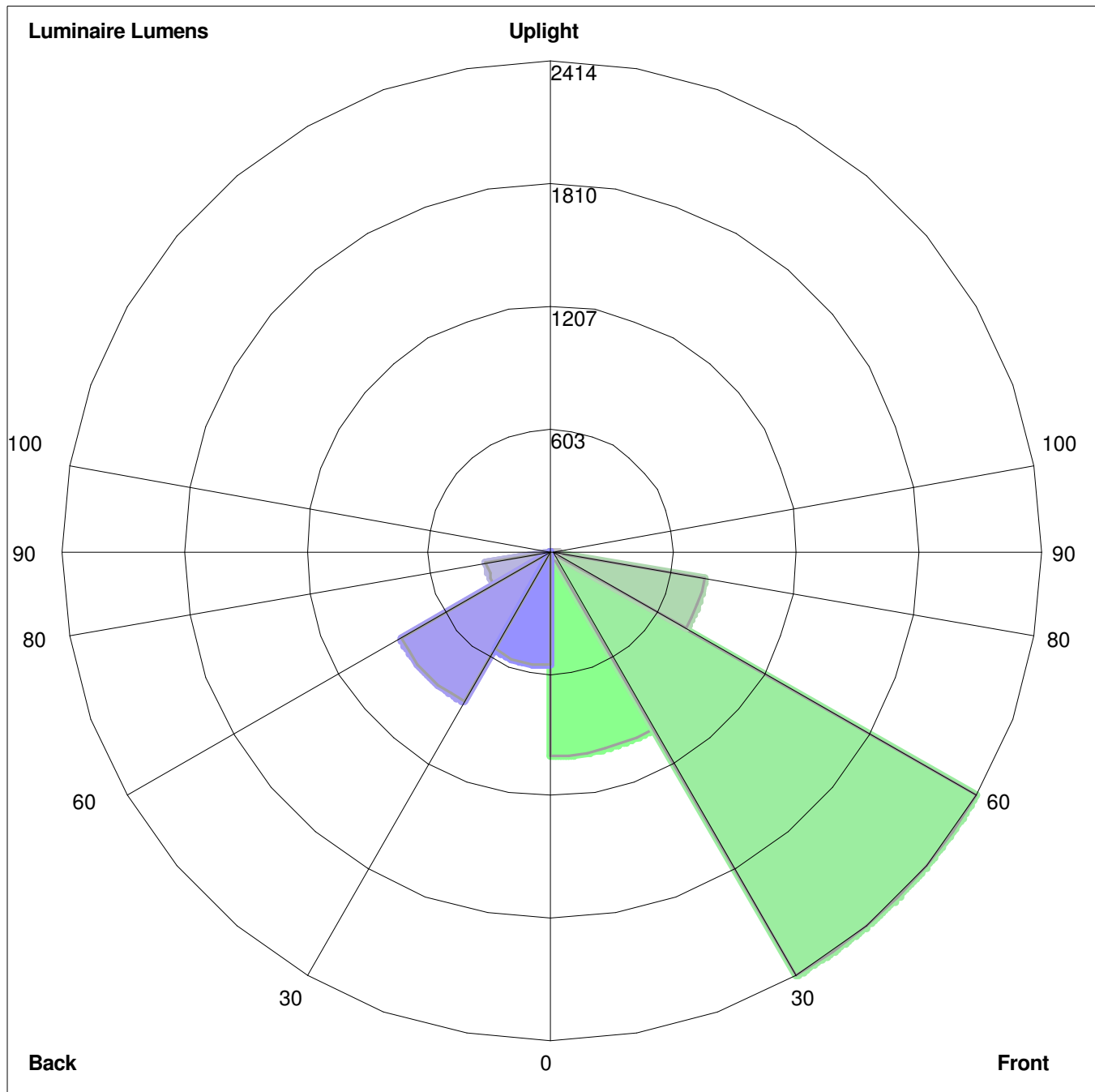


Maximum Candela = 3351.762 Located At Horizontal Angle = 60, Vertical Angle = 45
1 - Vertical Plane Through Horizontal Angles (60 - 240) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (45) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=1008.3, Medium=2413.7, High=766.2, Very High=30.3
Back: Low=560.0, Medium=858.1, High=325.5, Very High=8.9
Uplight: Low=0.0, High=0.0

BUG Rating : B2-U0-G1