



IES ROAD REPORT

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

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] GEN FROM 14773930.02
[TESTLAB] UL Verification Services Inc.
[ISSUE DATE] 2024-01-31
[TEST DATE] 4/25/2023
[MANUFACT] H.E. WILLIAMS, INC.
[LUMCAT] VWPX-L60-740-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	6285
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	128
Total Luminaire Watts	49
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	3528.172
Maximum Candela Angle	60H 45V
Maximum Candela (<90 Degrees Vertical)	3528.172
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	312.322 (5.0% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

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

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1061.4	N.A.	16.9
FM - Front-Medium (30-60)	2540.7	N.A.	40.4
FH - Front-High (60-80)	806.6	N.A.	12.8
FVH - Front-Very High (80-90)	31.9	N.A.	0.5
BL - Back-Low (0-30)	589.5	N.A.	9.4
BM - Back-Medium (30-60)	903.3	N.A.	14.4
BH - Back-High (60-80)	342.6	N.A.	5.5
BVH - Back-Very High (80-90)	9.3	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	6285.3	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	1886.544	1886.544	1886.544	1886.544	1886.544	1886.544	1886.544	1886.544	1886.544	1886.544
2.5	2016.394	1986.206	1978.142	1960.567	1968.734	1975.867	1935.444	1915.698	1915.181	1914.354
5.0	2123.086	2090.313	2076.460	2046.478	2036.347	2036.657	1986.929	1968.734	1966.666	1965.012
7.5	2273.922	2243.734	2224.298	2179.223	2146.554	2120.915	2041.516	2004.815	1996.647	1988.687
10.0	2466.733	2434.063	2403.772	2342.052	2291.498	2234.016	2101.478	2049.993	2030.867	2015.153
12.5	2658.716	2630.596	2594.825	2509.430	2441.094	2342.776	2176.018	2104.166	2075.736	2055.886
15.0	2873.030	2847.288	2794.665	2691.902	2580.972	2456.394	2273.095	2166.403	2122.672	2085.454
17.5	3042.373	3021.282	2967.833	2872.100	2739.562	2589.552	2351.770	2248.903	2196.695	2144.693
20.0	3195.690	3186.386	3123.012	3008.359	2877.993	2707.720	2442.541	2316.826	2256.140	2201.140
22.5	3261.546	3257.721	3197.965	3105.333	2990.681	2821.338	2533.932	2406.357	2338.227	2271.751
25.0	3232.185	3239.835	3194.140	3127.251	3070.286	2908.801	2648.895	2495.990	2428.584	2363.866
27.5	3130.145	3147.410	3119.393	3089.929	3075.869	3021.282	2760.446	2632.146	2547.889	2466.009
30.0	2998.435	3033.378	3006.395	2985.822	3039.064	3057.673	2890.089	2746.489	2664.195	2576.526
32.5	2843.566	2880.577	2875.098	2871.996	2986.545	3116.602	3027.279	2909.628	2832.090	2741.940
35.0	2665.746	2696.865	2703.791	2731.188	2915.004	3157.749	3203.961	3087.448	2993.369	2909.215
37.5	2384.750	2395.191	2458.979	2555.436	2841.395	3169.431	3346.837	3295.869	3201.790	3101.094
40.0	1966.149	1980.313	2100.548	2322.823	2706.583	3126.630	3456.527	3441.950	3366.687	3265.371
42.5	1487.483	1509.917	1677.502	1997.681	2485.238	3007.429	3471.104	3513.388	3484.027	3404.525
45.0	1062.887	1075.189	1265.415	1623.329	2217.992	2860.314	3415.794	3528.172	3519.281	3465.212
47.5	717.586	719.860	889.202	1257.558	1919.833	2670.709	3305.691	3461.593	3481.650	3449.601
50.0	466.880	471.429	598.798	920.528	1598.724	2473.659	3163.021	3340.944	3383.332	3372.580
52.5	317.801	322.867	403.299	649.456	1296.327	2269.477	3040.408	3253.689	3317.373	3318.097
55.0	245.433	246.053	288.957	452.613	1022.774	2060.642	2951.498	3227.326	3313.341	3342.909
57.5	207.181	205.216	226.720	328.553	794.400	1840.125	2855.145	3193.209	3314.582	3361.001
60.0	181.128	179.681	191.363	255.254	616.993	1606.168	2685.596	3070.286	3213.679	3272.194
62.5	160.141	158.280	166.034	209.765	484.869	1368.385	2408.114	2793.425	2939.919	3002.363
65.0	138.637	137.087	143.186	177.716	384.277	1117.887	2035.726	2385.473	2513.979	2572.081
67.5	117.237	115.273	121.269	151.147	307.980	882.689	1624.260	1912.907	2023.837	2065.811
70.0	95.113	93.562	99.558	126.542	246.053	679.851	1234.504	1453.884	1532.972	1562.953
72.5	73.609	72.369	78.158	101.833	192.810	502.548	897.060	1048.413	1095.246	1116.336
75.0	54.070	53.759	58.929	78.572	146.391	358.844	627.642	721.411	751.909	765.452
77.5	37.838	38.149	42.491	57.998	106.588	245.846	417.566	475.254	495.104	503.995
80.0	25.226	25.639	28.947	40.320	73.196	157.350	259.596	294.436	306.015	312.322
82.5	15.611	15.818	18.196	25.639	46.109	91.908	147.528	166.241	174.201	177.303
85.0	8.581	8.788	10.132	14.267	25.226	46.833	73.506	81.673	86.739	88.290
87.5	3.722	3.825	4.445	5.996	9.925	17.885	27.603	30.395	32.462	33.703
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	1886.544	1886.544	1886.544	1886.544	1886.544	1886.544	1886.544	1886.544	1886.544	1886.544
2.5	1893.057	1883.132	1887.061	1880.031	1868.969	1855.736	1852.014	1850.360	1853.048	1851.290
5.0	1939.580	1928.001	1923.555	1911.873	1897.606	1877.550	1867.211	1868.038	1861.318	1858.010
7.5	1961.911	1945.576	1938.443	1922.005	1898.433	1875.068	1858.424	1848.809	1842.089	1834.335
10.0	1975.661	1950.435	1943.508	1928.001	1905.153	1878.480	1860.078	1850.050	1838.057	1827.409
12.5	2011.431	1980.003	1957.672	1934.617	1910.012	1877.860	1853.771	1837.954	1821.826	1807.559
15.0	2033.039	1993.753	1966.356	1933.067	1901.224	1871.036	1845.191	1826.168	1804.664	1785.952
17.5	2070.153	2021.666	1985.896	1945.369	1903.706	1862.559	1832.888	1811.384	1786.779	1765.482
20.0	2118.537	2051.958	2005.642	1958.085	1908.358	1859.354	1827.202	1803.010	1773.029	1747.700
22.5	2184.082	2105.924	2042.343	1983.104	1925.726	1867.108	1827.719	1797.841	1764.551	1736.534
25.0	2266.375	2180.774	2099.824	2020.116	1950.332	1878.997	1832.888	1802.286	1763.621	1734.363
27.5	2356.216	2262.550	2173.537	2075.219	1992.719	1911.356	1851.187	1816.967	1777.681	1741.393
30.0	2472.522	2366.968	2273.612	2158.753	2053.715	1952.089	1875.379	1830.096	1782.747	1743.048
32.5	2606.817	2485.445	2370.896	2254.796	2132.907	2014.119	1927.380	1872.070	1816.657	1773.029
35.0	2776.780	2638.039	2507.259	2373.894	2232.155	2093.725	1987.033	1918.283	1857.803	1806.318
37.5	2955.944	2797.974	2637.936	2486.376	2335.642	2168.678	2045.238	1961.807	1887.578	1833.715
40.0	3122.081	2967.109	2785.361	2603.199	2435.097	2243.424	2100.858	2008.537	1917.662	1857.080
42.5	3263.200	3102.749	2906.010	2697.795	2518.321	2311.761	2152.033	2047.305	1955.501	1884.270
45.0	3340.738	3189.177	3001.950	2785.361	2589.552	2381.338	2206.930	2096.930	2002.127	1928.001
47.5	3351.800	3214.816	3028.726	2821.752	2632.767	2443.782	2282.917	2179.016	2091.450	2020.839
50.0	3291.630	3179.769	3020.455	2848.322	2679.600	2519.562	2393.020	2309.590	2235.360	2170.952
52.5	3266.198	3186.179	3054.055	2914.901	2776.780	2650.962	2548.716	2489.374	2421.554	2354.768
55.0	3313.238	3249.347	3143.895	3032.448	2920.897	2807.278	2714.957	2659.130	2592.964	2510.981
57.5	3338.256	3289.253	3205.409	3112.157	3015.286	2901.254	2807.899	2741.423	2665.126	2570.426
60.0	3255.860	3219.882	3139.346	3049.196	2948.294	2839.017	2738.425	2659.750	2581.075	2477.898
62.5	2987.166	2954.703	2885.953	2791.254	2689.628	2582.419	2481.620	2392.090	2317.757	2219.439
65.0	2556.883	2526.282	2469.214	2375.755	2282.917	2179.740	2090.313	1998.612	1935.341	1848.292
67.5	2045.961	2024.768	1971.215	1886.234	1803.320	1723.301	1647.108	1569.983	1513.639	1448.921
70.0	1547.963	1526.976	1483.761	1416.045	1347.605	1284.128	1220.960	1164.616	1120.471	1070.434
72.5	1108.065	1089.973	1059.062	1009.541	960.123	912.154	868.112	825.105	793.366	758.629
75.0	757.595	744.879	724.099	690.189	655.659	623.196	596.937	565.508	542.661	522.501
77.5	497.275	491.589	477.942	455.095	432.764	412.501	395.959	373.318	358.741	346.335

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CANDELA TABULATION - (Cont.)

80.0	307.670	304.465	297.848	281.617	269.211	257.632	246.570	233.130	225.893	217.726
82.5	175.235	173.168	171.410	161.589	154.869	147.942	141.842	134.605	131.194	126.542
85.0	87.566	86.739	86.842	82.397	78.261	73.919	71.128	67.199	66.579	65.442
87.5	33.393	33.703	34.323	32.979	30.602	29.154	27.914	25.949	25.949	26.776
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	1886.544	1886.544	1886.544	1886.544	1886.544	1886.544	1886.544	1886.544	1886.544	1886.544
2.5	1847.258	1840.848	1835.369	1831.751	1838.987	1844.260	1845.501	1837.437	1840.952	1857.597
5.0	1851.394	1843.950	1836.093	1833.818	1840.331	1843.330	1841.986	1834.335	1833.922	1843.433
7.5	1825.754	1816.553	1808.076	1801.563	1803.837	1804.147	1797.221	1787.709	1785.125	1795.153
10.0	1818.104	1807.972	1796.807	1787.502	1787.399	1783.781	1775.407	1763.001	1754.316	1757.935
12.5	1793.395	1780.162	1768.376	1754.730	1754.937	1748.423	1735.294	1721.750	1719.063	1723.715
15.0	1768.893	1755.040	1736.948	1723.094	1716.685	1706.863	1697.559	1685.670	1672.333	1667.061
17.5	1748.423	1732.916	1712.032	1693.527	1684.946	1680.190	1670.162	1650.106	1637.389	1637.079
20.0	1731.572	1711.205	1690.942	1666.854	1657.756	1647.521	1625.294	1601.205	1588.179	1587.869
22.5	1720.200	1693.837	1664.476	1640.181	1637.596	1622.089	1595.726	1579.288	1566.882	1547.859
25.0	1710.378	1674.608	1644.006	1623.743	1614.542	1590.867	1563.884	1542.587	1515.397	1503.611

IES ROAD REPORT

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

CANDELA TABULATION - (Cont.)

27.5	1717.719	1681.741	1643.386	1618.884	1599.241	1572.361	1547.342	1514.777	1487.690	1474.250
30.0	1719.579	1679.880	1642.559	1617.953	1590.557	1568.433	1530.904	1492.756	1465.876	1447.370
32.5	1743.461	1695.388	1659.410	1627.878	1592.314	1569.673	1526.252	1487.070	1450.369	1419.767
35.0	1773.236	1721.234	1681.534	1637.286	1600.068	1568.433	1520.256	1480.453	1436.825	1407.774
37.5	1795.256	1736.948	1694.871	1644.833	1611.957	1571.637	1522.530	1478.385	1433.207	1390.613
40.0	1811.591	1752.249	1706.243	1654.241	1618.677	1572.878	1519.119	1461.120	1415.011	1360.838
42.5	1835.886	1767.860	1715.754	1660.341	1616.299	1570.810	1508.160	1453.677	1393.921	1326.929
45.0	1879.824	1807.972	1752.972	1701.797	1646.797	1598.310	1527.079	1465.566	1393.818	1310.077
47.5	1978.142	1908.565	1845.811	1789.984	1733.226	1675.538	1594.279	1521.496	1439.410	1332.615
50.0	2131.356	2064.157	2001.920	1938.029	1883.236	1815.519	1717.925	1624.053	1515.397	1375.105
52.5	2312.381	2243.114	2172.917	2098.480	2039.345	1962.221	1843.536	1728.160	1582.493	1394.852
55.0	2458.979	2376.582	2292.221	2211.168	2138.593	2052.164	1911.046	1770.341	1588.075	1357.220
57.5	2500.022	2401.084	2313.828	2229.778	2149.138	2060.022	1904.223	1733.536	1528.527	1270.688
60.0	2392.090	2291.394	2204.552	2130.633	2049.270	1970.491	1815.002	1635.735	1418.009	1150.039
62.5	2132.804	2038.518	1963.255	1899.157	1834.542	1764.551	1627.775	1461.637	1258.178	1007.060
65.0	1775.717	1691.769	1629.532	1584.147	1532.042	1482.314	1373.451	1229.851	1053.479	842.473
67.5	1384.100	1323.413	1274.927	1240.293	1201.317	1172.163	1091.007	972.530	838.751	671.580
70.0	1025.669	982.248	945.443	922.388	897.680	880.208	818.695	728.131	631.260	503.478
72.5	727.510	696.495	670.753	655.452	638.911	624.127	583.807	520.123	449.512	360.809
75.0	499.550	478.459	462.848	452.200	440.104	427.388	399.371	355.743	306.326	247.810
77.5	330.000	316.250	307.773	300.433	290.715	281.410	263.732	232.820	193.534	149.596
80.0	206.767	199.220	193.844	189.089	181.748	175.132	154.248	126.645	99.869	68.026
82.5	120.855	116.927	113.308	109.897	105.038	95.216	76.814	50.038	36.598	20.987
85.0	62.650	60.893	58.722	56.447	50.658	40.733	26.776	18.919	11.165	6.617
87.5	25.743	25.536	24.295	21.917	17.368	11.786	7.961	4.652	2.895	1.758
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-SDGL-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

167.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
170.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
172.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
175.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
177.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
180.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Vert.
Angles

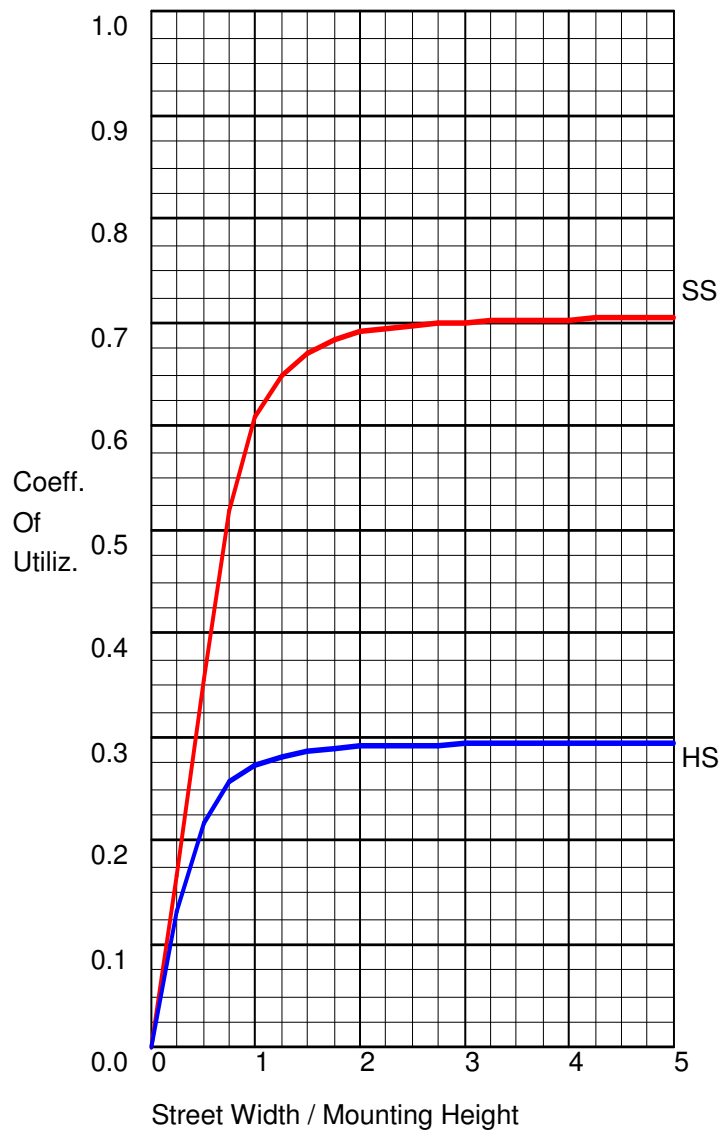
Horizontal Angles

	117.5	120.0	125.0	135.0	145.0	155.0	165.0	175.0	180.0
0.0	1886.544	1886.544	1886.544	1886.544	1886.544	1886.544	1886.544	1886.544	1886.544
2.5	1853.254	1849.119	1855.529	1868.659	1844.570	1831.440	1840.848	1851.704	1877.136
5.0	1835.369	1827.822	1826.581	1824.204	1786.262	1761.967	1765.378	1782.230	1807.559
7.5	1784.401	1776.751	1778.508	1785.745	1743.048	1698.489	1695.078	1714.307	1746.149
10.0	1745.529	1734.570	1721.440	1706.760	1685.463	1650.002	1625.397	1639.354	1669.232
12.5	1705.519	1691.976	1678.019	1662.822	1595.312	1593.038	1581.872	1591.487	1624.570
15.0	1645.970	1633.254	1624.570	1600.792	1558.301	1535.246	1537.831	1529.664	1568.743
17.5	1623.536	1608.339	1573.188	1552.615	1523.771	1464.635	1458.743	1419.353	1453.884
20.0	1566.675	1544.034	1534.213	1511.468	1454.400	1358.357	1304.908	1222.718	1247.530
22.5	1522.117	1503.094	1474.767	1458.949	1328.893	1184.569	1014.710	893.028	896.956
25.0	1485.105	1471.769	1446.543	1355.152	1165.650	902.746	683.055	570.884	565.612
27.5	1446.853	1420.594	1387.925	1242.878	928.075	601.899	446.617	375.696	372.181
30.0	1416.769	1392.784	1321.553	1076.947	661.448	407.538	313.976	285.752	287.717
32.5	1388.752	1351.017	1252.699	869.249	464.813	304.258	257.322	243.572	243.365
35.0	1364.870	1307.492	1160.481	669.926	347.059	252.049	231.889	224.963	226.720
37.5	1328.789	1259.833	1064.024	511.852	277.275	227.030	217.209	214.314	215.348
40.0	1294.466	1197.596	943.479	396.786	237.369	211.419	205.320	204.183	203.149
42.5	1243.498	1122.849	822.106	320.489	215.451	201.184	197.876	194.981	193.948
45.0	1203.075	1060.509	727.717	271.072	202.632	193.431	190.639	188.778	185.987
47.5	1200.490	1022.774	656.486	241.194	192.707	185.677	183.299	180.715	178.854
50.0	1206.900	996.411	597.247	222.068	184.436	177.096	174.305	173.581	170.893
52.5	1187.981	951.026	534.803	208.215	176.993	168.929	166.654	167.585	165.931
55.0	1125.330	869.559	469.672	195.085	169.136	160.555	160.038	162.933	161.795
57.5	1024.531	776.928	405.160	180.818	159.004	151.974	152.594	158.384	158.177
60.0	910.293	684.813	349.333	165.931	148.252	141.842	145.047	154.248	155.386
62.5	791.608	590.424	300.743	150.320	134.089	127.679	128.713	138.017	138.948
65.0	661.862	492.416	255.564	130.987	112.275	99.352	93.355	95.733	94.906
67.5	526.016	392.651	211.006	105.038	79.709	58.929	48.177	42.077	40.009
70.0	398.440	300.433	166.448	72.265	43.731	23.468	10.545	6.306	5.789
72.5	287.303	218.346	117.237	40.320	15.714	6.410	4.445	4.032	3.825
75.0	193.224	140.292	68.130	14.887	5.479	3.722	2.998	2.688	2.585
77.5	111.034	72.265	26.570	4.859	3.102	1.861	1.137	0.724	0.620
80.0	43.938	29.051	6.410	2.481	1.241	0.414	0.310	0.310	0.310
82.5	12.406	6.823	2.688	1.241	0.517	0.207	0.207	0.207	0.310
85.0	4.135	2.378	1.447	0.724	0.310	0.207	0.207	0.207	0.207
87.5	1.344	1.137	0.827	0.414	0.207	0.207	0.207	0.207	0.207
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-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

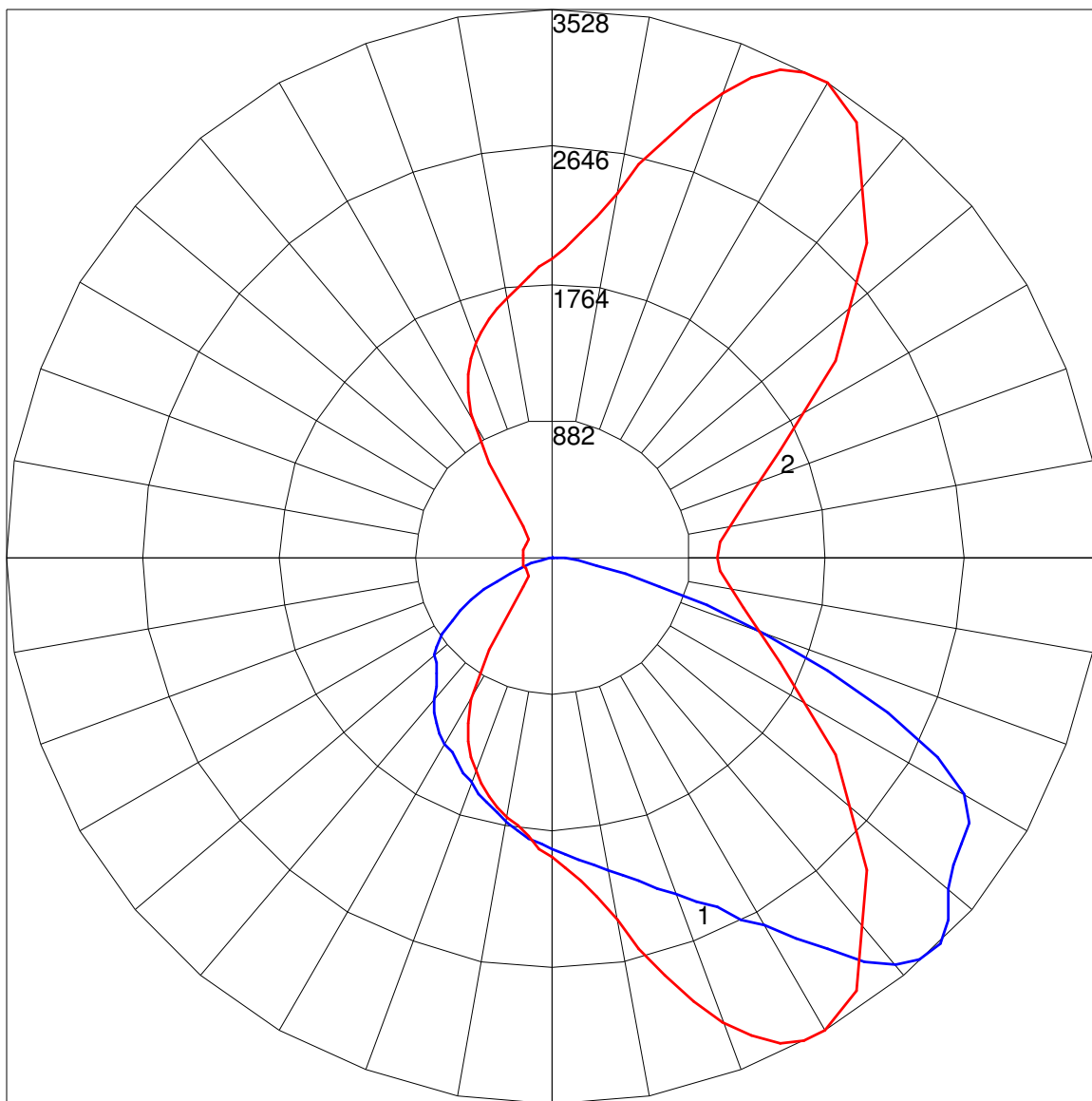
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

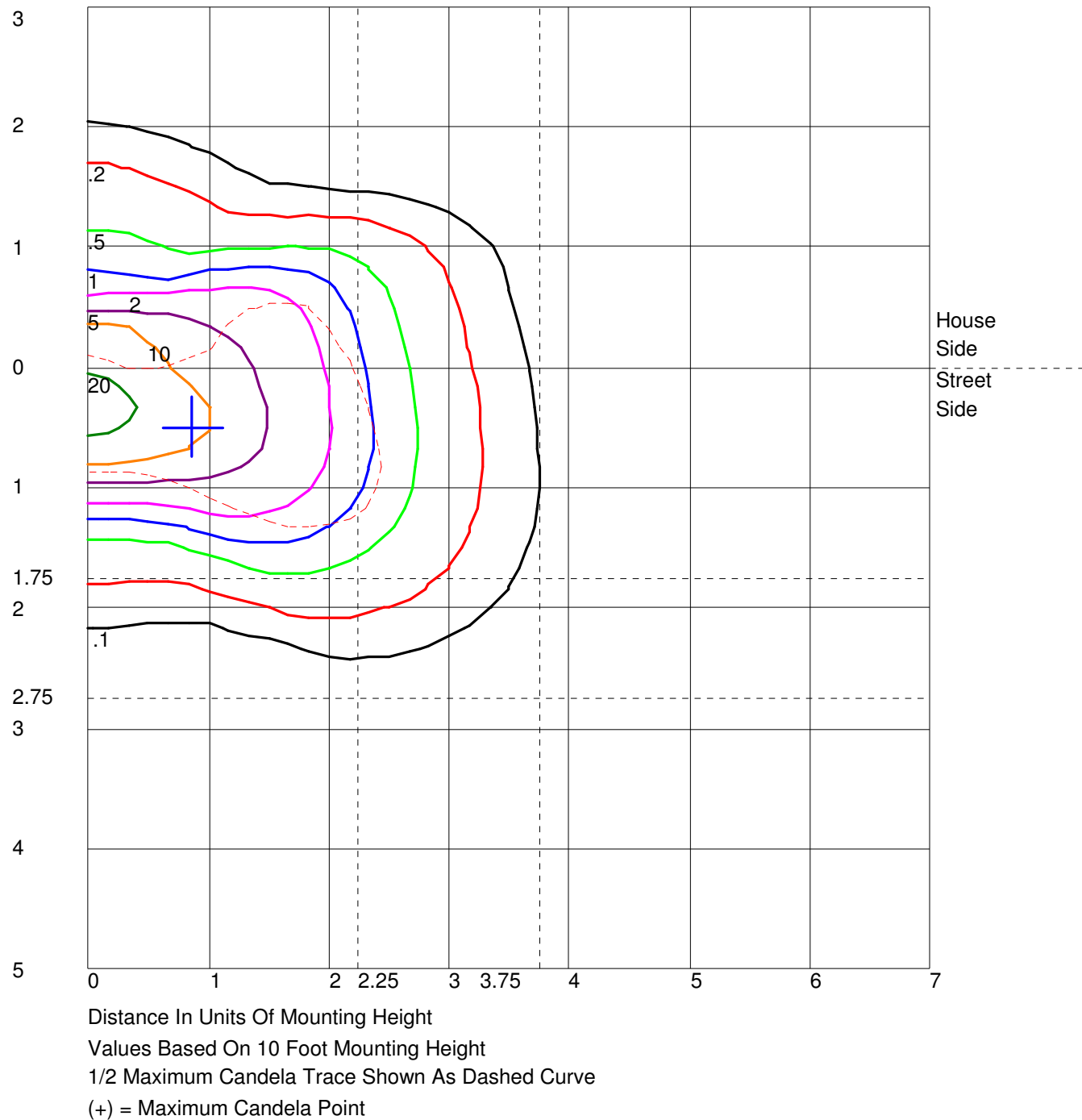
	Lumens	Percent Of Luminaire
Downward Street Side	4440.6	70.7
Downward House Side	1844.7	29.3
Downward Total	6285.3	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	6285.3	100.0

POLAR GRAPH

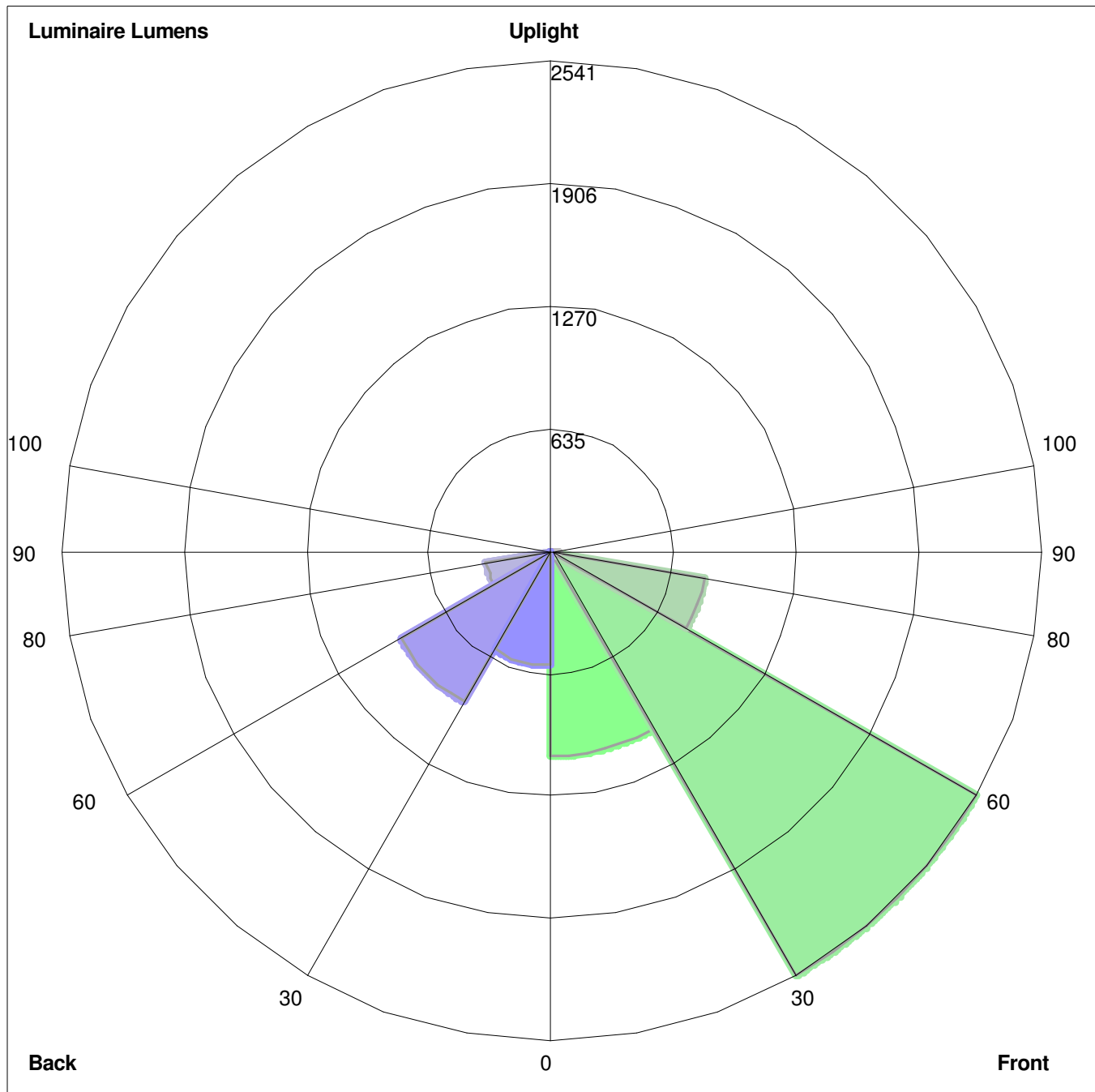


Maximum Candela = 3528.172 Located At Horizontal Angle = 60, Vertical Angle = 45
1 - Vertical Plane Through Horizontal Angles (60 - 240) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (45) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=1061.4, Medium=2540.7, High=806.6, Very High=31.9
Back: Low=589.5, Medium=903.3, High=342.6, Very High=9.3
Uplight: Low=0.0, High=0.0

BUG Rating : B2-U0-G1