



## IES ROAD REPORT

PHOTOMETRIC FILENAME : VWPX-L60-850-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-L60-850-T2-xxx-SDGL-DIM-UNV  
[LUMINAIRE] CAST ALUMINUM LED WALL PACK  
[LAMP] 8 White LEDs  
[BALLAST] UNIVERSAL VOLTAGE DIMMING DRIVER  
[ \_SEARCH\_SOURCETYPE] LED  
[ \_SEARCH\_APPLICATION] OUTDOOR  
[ \_SEARCH\_MOUNTING] WALL

### CHARACTERISTICS

IES Classification	Type II
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	5908
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	121
Total Luminaire Watts	49
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	3316.48
Maximum Candela Angle	60H 45V
Maximum Candela (<90 Degrees Vertical)	3316.48
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	293.582 (5.0% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

**IES ROAD REPORT****PHOTOMETRIC FILENAME : VWPX-L60-850-T2-XXX-SDGL-DIM-UNV\_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	997.7	N.A.	16.9
FM - Front-Medium (30-60)	2388.3	N.A.	40.4
FH - Front-High (60-80)	758.2	N.A.	12.8
FVH - Front-Very High (80-90)	30.0	N.A.	0.5
BL - Back-Low (0-30)	554.1	N.A.	9.4
BM - Back-Medium (30-60)	849.1	N.A.	14.4
BH - Back-High (60-80)	322.0	N.A.	5.5
BVH - Back-Very High (80-90)	8.8	N.A.	0.1
UL - Uplight-Low (90-100)	0.0	N.A.	0.0
UH - Uplight-High (100-180)	0.0	N.A.	0.0
Total	5908.2	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	1773.350	1773.350	1773.350	1773.350	1773.350	1773.350	1773.350	1773.350	1773.350	1773.350
2.5	1895.409	1867.033	1859.452	1842.932	1850.609	1857.314	1819.317	1800.755	1800.269	1799.492
5.0	1995.700	1964.893	1951.871	1923.689	1914.165	1914.457	1867.713	1850.609	1848.665	1847.111
7.5	2137.486	2109.109	2090.839	2048.469	2017.760	1993.659	1919.024	1884.525	1876.848	1869.365
10.0	2318.728	2288.019	2259.545	2201.528	2154.007	2099.974	1975.389	1926.993	1909.015	1894.243
12.5	2499.192	2472.759	2439.134	2358.863	2294.627	2202.208	2045.456	1977.916	1951.191	1932.532
15.0	2700.647	2676.449	2626.984	2530.387	2426.112	2309.010	2136.709	2036.418	1995.311	1960.326
17.5	2859.829	2840.004	2789.762	2699.773	2575.187	2434.178	2210.663	2113.968	2064.892	2016.010
20.0	3003.948	2995.201	2935.630	2827.857	2705.312	2545.256	2295.987	2177.816	2120.771	2069.071
22.5	3065.852	3062.256	3006.086	2919.012	2811.239	2652.057	2381.895	2261.974	2197.932	2135.445
25.0	3038.252	3045.444	3002.490	2939.614	2886.068	2734.272	2489.960	2346.230	2282.868	2222.033
27.5	2942.335	2958.564	2932.228	2904.532	2891.315	2840.004	2594.818	2474.217	2395.014	2318.047
30.0	2818.527	2851.374	2826.010	2806.671	2856.719	2874.212	2716.682	2581.698	2504.342	2421.933
32.5	2672.951	2707.741	2702.591	2699.675	2807.351	2929.605	2845.641	2735.049	2662.164	2577.422
35.0	2505.800	2535.052	2541.563	2567.315	2740.102	2968.282	3011.722	2902.200	2813.765	2734.660
37.5	2241.664	2251.479	2311.439	2402.109	2670.910	2979.264	3146.026	3098.116	3009.681	2915.027
40.0	1848.179	1861.493	1974.514	2183.452	2544.187	2939.031	3249.134	3235.432	3164.684	3069.447
42.5	1398.234	1419.322	1576.851	1877.820	2336.123	2826.982	3262.837	3302.583	3274.984	3200.252
45.0	999.113	1010.678	1189.490	1525.929	2084.911	2688.694	3210.845	3316.480	3308.123	3257.297
47.5	674.530	676.668	835.850	1182.104	1804.643	2510.465	3107.348	3253.896	3272.749	3242.623
50.0	438.867	443.143	562.870	865.296	1502.800	2325.239	2973.239	3140.486	3180.330	3170.224
52.5	298.733	303.495	379.101	610.488	1218.547	2133.307	2857.982	3058.466	3118.329	3119.009
55.0	230.707	231.290	271.620	425.456	961.407	1937.003	2774.407	3033.685	3114.539	3142.333
57.5	194.750	192.903	213.117	308.840	746.735	1729.716	2683.835	3001.615	3115.705	3159.339
60.0	170.260	168.900	179.881	239.939	579.973	1509.797	2524.459	2886.068	3020.857	3075.861
62.5	150.533	148.783	156.072	197.179	455.777	1286.282	2263.626	2625.818	2763.523	2822.220
65.0	130.319	128.861	134.595	167.053	361.220	1050.813	1913.582	2242.344	2363.139	2417.755
67.5	110.203	108.356	113.993	142.078	289.501	829.727	1526.803	1798.132	1902.406	1941.862
70.0	89.406	87.948	93.585	118.949	231.290	639.059	1160.433	1366.650	1440.993	1469.175
72.5	69.193	68.026	73.468	95.723	181.242	472.395	843.236	985.508	1029.531	1049.355
75.0	50.825	50.534	55.393	73.857	137.608	337.314	589.983	678.126	706.794	719.525
77.5	35.568	35.860	39.941	54.518	100.193	231.095	392.512	446.739	465.398	473.755
80.0	23.712	24.101	27.211	37.900	68.804	147.909	244.020	276.770	287.654	293.582
82.5	14.674	14.869	17.104	24.101	43.343	86.393	138.677	156.266	163.749	166.665
85.0	8.066	8.260	9.524	13.411	23.712	44.023	69.095	76.773	81.534	82.992
87.5	3.498	3.596	4.179	5.636	9.329	16.812	25.947	28.571	30.515	31.681
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

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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	1773.350	1773.350	1773.350	1773.350	1773.350	1773.350	1773.350	1773.350	1773.350	1773.350
2.5	1779.473	1770.144	1773.836	1767.228	1756.830	1744.391	1740.892	1739.337	1741.864	1740.212
5.0	1823.204	1812.320	1808.141	1797.160	1783.749	1764.896	1755.178	1755.955	1749.638	1746.529
7.5	1844.195	1828.841	1822.135	1806.683	1784.526	1762.563	1746.917	1737.880	1731.563	1724.274
10.0	1857.120	1833.408	1826.897	1812.320	1790.843	1765.770	1748.472	1739.046	1727.773	1717.763
12.5	1890.745	1861.202	1840.211	1818.539	1795.410	1765.187	1742.544	1727.676	1712.515	1699.105
15.0	1911.055	1874.127	1848.374	1817.082	1787.150	1758.773	1734.478	1716.597	1696.383	1678.794
17.5	1945.943	1900.365	1866.741	1828.646	1789.482	1750.805	1722.914	1702.700	1679.571	1659.552
20.0	1991.424	1928.839	1885.302	1840.599	1793.856	1747.792	1717.569	1694.829	1666.646	1642.837
22.5	2053.036	1979.568	1919.802	1864.117	1810.182	1755.081	1718.055	1689.970	1658.677	1632.342
25.0	2130.392	2049.926	1973.834	1898.908	1833.311	1766.256	1722.914	1694.148	1657.803	1630.301
27.5	2214.842	2126.796	2043.124	1950.705	1873.155	1796.674	1740.115	1707.948	1671.019	1636.909
30.0	2324.170	2224.948	2137.194	2029.227	1930.491	1834.963	1762.855	1720.290	1675.781	1638.464
32.5	2450.407	2336.317	2228.641	2119.508	2004.932	1893.271	1811.737	1759.745	1707.656	1666.646
35.0	2610.172	2479.756	2356.822	2231.460	2098.225	1968.100	1867.810	1803.185	1746.334	1697.938
37.5	2778.586	2630.094	2479.659	2337.192	2195.503	2038.556	1922.523	1844.098	1774.322	1723.691
40.0	2934.755	2789.081	2618.238	2447.006	2288.990	2108.818	1974.806	1888.024	1802.602	1745.654
42.5	3067.407	2916.582	2731.648	2535.926	2367.221	2173.054	2022.910	1924.466	1838.170	1771.213
45.0	3140.292	2997.825	2821.831	2618.238	2434.178	2238.457	2074.513	1971.113	1881.998	1812.320
47.5	3150.690	3021.926	2847.001	2652.446	2474.800	2297.154	2145.941	2048.274	1965.962	1899.588
50.0	3094.131	2988.982	2839.227	2677.421	2518.822	2368.387	2249.438	2171.013	2101.238	2040.694
52.5	3070.225	2995.007	2870.810	2740.005	2610.172	2491.903	2395.792	2340.010	2276.260	2213.481
55.0	3114.442	3054.384	2955.260	2850.500	2745.642	2638.840	2552.058	2499.581	2437.385	2360.321
57.5	3137.960	3091.896	3013.083	2925.426	2834.368	2727.177	2639.423	2576.936	2505.217	2416.200
60.0	3060.507	3026.688	2950.984	2866.243	2771.395	2668.675	2574.118	2500.164	2426.209	2329.223
62.5	2807.935	2777.420	2712.795	2623.777	2528.249	2427.473	2332.722	2248.563	2178.691	2086.272
65.0	2403.469	2374.704	2321.060	2233.209	2145.941	2048.954	1964.893	1878.694	1819.220	1737.394
67.5	1923.203	1903.281	1852.941	1773.059	1695.120	1619.902	1548.280	1475.784	1422.820	1361.985
70.0	1455.084	1435.357	1394.735	1331.082	1266.748	1207.079	1147.702	1094.739	1053.243	1006.207
72.5	1041.581	1024.574	995.517	948.968	902.516	857.424	816.025	775.598	745.763	713.111
75.0	712.139	700.186	680.652	648.777	616.319	585.804	561.120	531.578	510.101	491.150
77.5	467.438	462.093	449.266	427.789	406.798	387.750	372.201	350.919	337.216	325.555

# IES ROAD REPORT

PHOTOMETRIC FILENAME : VWPX-L60-850-T2-XXX-SDGL-DIM-UNV\_.IES

## CANDELA TABULATION - (Cont.)

80.0	289.209	286.197	279.977	264.720	253.058	242.174	231.776	219.142	212.339	204.662
82.5	164.721	162.777	161.125	151.893	145.576	139.065	133.332	126.529	123.322	118.949
85.0	82.312	81.534	81.632	77.453	73.566	69.484	66.860	63.167	62.584	61.515
87.5	31.389	31.681	32.264	31.001	28.765	27.405	26.239	24.392	24.392	25.170
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	1773.350	1773.350	1773.350	1773.350	1773.350	1773.350	1773.350	1773.350	1773.350	1773.350
2.5	1736.422	1730.397	1725.246	1721.845	1728.647	1733.604	1734.770	1727.190	1730.494	1746.140
5.0	1740.309	1733.312	1725.926	1723.788	1729.911	1732.729	1731.466	1724.274	1723.886	1732.826
7.5	1716.208	1707.559	1699.590	1693.468	1695.606	1695.898	1689.386	1680.446	1678.016	1687.443
10.0	1709.017	1699.493	1688.998	1680.252	1680.154	1676.753	1668.881	1657.220	1649.057	1652.458
12.5	1685.791	1673.352	1662.273	1649.445	1649.640	1643.517	1631.175	1618.445	1615.918	1620.291
15.0	1662.759	1649.737	1632.730	1619.708	1613.683	1604.451	1595.704	1584.529	1571.992	1567.036
17.5	1643.517	1628.940	1609.310	1591.914	1583.848	1579.378	1569.952	1551.099	1539.145	1538.854
20.0	1627.677	1608.532	1589.485	1566.842	1558.290	1548.669	1527.775	1505.132	1492.887	1492.596
22.5	1616.987	1592.206	1564.607	1541.769	1539.340	1524.763	1499.982	1484.530	1472.868	1454.987
25.0	1607.755	1574.130	1545.365	1526.318	1517.668	1495.414	1470.050	1450.031	1424.472	1413.394

# IES ROAD REPORT

PHOTOMETRIC FILENAME : VWPX-L60-850-T2-XXX-SDGL-DIM-UNV\_.IES

## CANDELA TABULATION - (Cont.)

27.5	1614.655	1580.836	1544.782	1521.750	1503.286	1478.019	1454.501	1423.889	1398.428	1385.794
30.0	1616.404	1579.087	1544.004	1520.875	1495.123	1474.326	1439.049	1403.190	1377.923	1360.528
32.5	1638.853	1593.664	1559.845	1530.205	1496.775	1475.492	1434.676	1397.845	1363.346	1334.580
35.0	1666.841	1617.959	1580.641	1539.048	1504.063	1474.326	1429.040	1391.625	1350.615	1323.307
37.5	1687.540	1632.730	1593.178	1546.142	1515.239	1477.339	1431.178	1389.682	1347.214	1307.175
40.0	1702.895	1647.113	1603.868	1554.986	1521.556	1478.505	1427.971	1373.453	1330.110	1279.187
42.5	1725.732	1661.787	1612.808	1560.719	1519.321	1476.561	1417.670	1366.456	1310.285	1247.312
45.0	1767.034	1699.493	1647.793	1599.689	1547.989	1502.411	1435.454	1377.631	1310.188	1231.472
47.5	1859.452	1794.050	1735.061	1682.584	1629.232	1575.005	1498.621	1430.206	1353.045	1252.657
50.0	2003.474	1940.307	1881.804	1821.746	1770.241	1706.587	1614.849	1526.609	1424.472	1292.598
52.5	2173.637	2108.526	2042.541	1972.571	1916.983	1844.487	1732.923	1624.470	1487.543	1311.160
55.0	2311.439	2233.986	2154.687	2078.497	2010.277	1929.034	1796.382	1664.120	1492.790	1275.786
57.5	2350.020	2257.018	2174.998	2095.990	2020.189	1936.419	1789.968	1629.523	1436.814	1194.446
60.0	2248.563	2153.909	2072.278	2002.794	1926.313	1852.261	1706.102	1537.590	1332.928	1081.036
62.5	2004.835	1916.206	1845.458	1785.207	1724.469	1658.677	1530.108	1373.938	1182.687	946.636
65.0	1669.173	1590.262	1531.760	1489.097	1440.118	1393.375	1291.043	1156.060	990.270	791.924
67.5	1301.053	1244.008	1198.430	1165.875	1129.238	1101.833	1025.546	914.177	788.426	631.285
70.0	964.128	923.312	888.716	867.045	843.819	827.395	769.573	684.443	593.384	473.269
72.5	683.859	654.705	630.507	616.125	600.576	586.679	548.779	488.915	422.541	339.160
75.0	469.576	449.752	435.077	425.068	413.698	401.744	375.408	334.398	287.946	232.942
77.5	310.200	297.275	289.306	282.407	273.272	264.525	247.908	218.851	181.922	140.620
80.0	194.361	187.267	182.214	177.743	170.843	164.624	144.993	119.046	93.876	63.945
82.5	113.604	109.911	106.510	103.303	98.735	89.503	72.205	47.035	34.402	19.728
85.0	58.891	57.239	55.199	53.061	47.618	38.289	25.170	17.784	10.495	6.220
87.5	24.198	24.004	22.837	20.602	16.326	11.079	7.483	4.373	2.721	1.652
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-L60-850-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

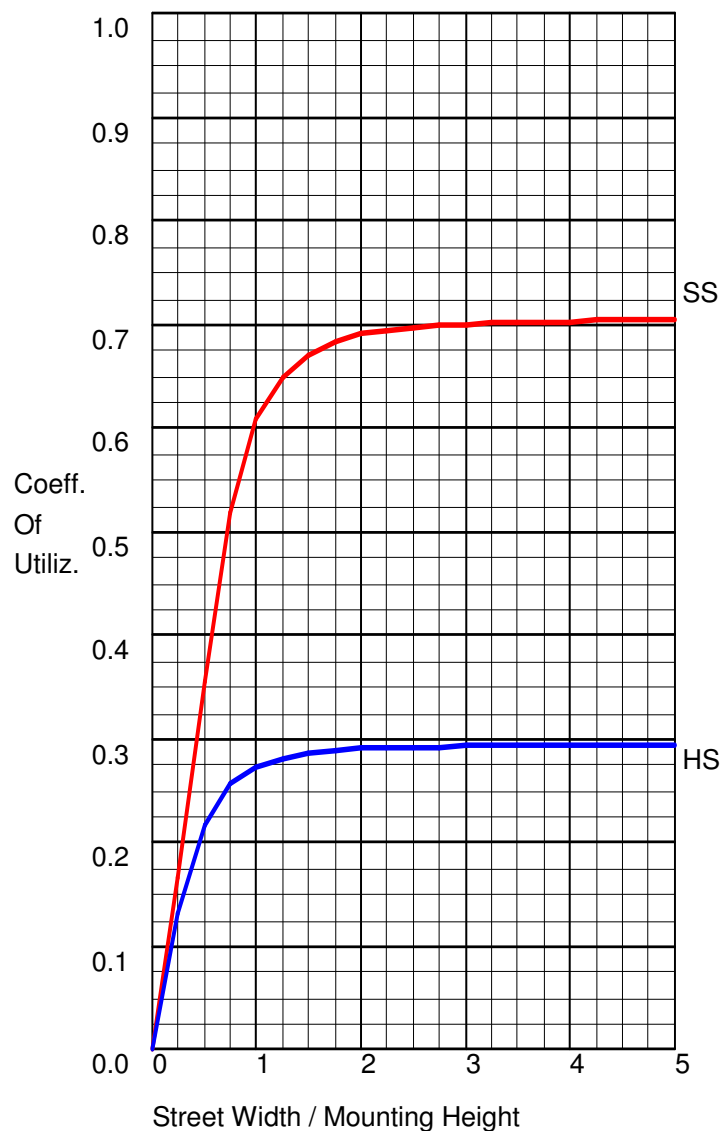
	117.5	120.0	125.0	135.0	145.0	155.0	165.0	175.0	180.0
0.0	1773.350	1773.350	1773.350	1773.350	1773.350	1773.350	1773.350	1773.350	1773.350
2.5	1742.058	1738.171	1744.196	1756.538	1733.895	1721.553	1730.397	1740.601	1764.507
5.0	1725.246	1718.152	1716.986	1714.751	1679.085	1656.248	1659.455	1675.295	1699.105
7.5	1677.336	1670.145	1671.797	1678.599	1638.464	1596.579	1593.372	1611.448	1641.379
10.0	1640.796	1630.495	1618.153	1604.354	1584.334	1551.001	1527.872	1540.992	1569.077
12.5	1603.187	1590.457	1577.337	1563.052	1499.593	1497.455	1486.959	1495.997	1527.095
15.0	1547.211	1535.258	1527.095	1504.743	1464.802	1443.131	1445.561	1437.883	1474.618
17.5	1526.123	1511.838	1478.796	1459.457	1432.344	1376.757	1371.217	1334.192	1366.650
20.0	1472.674	1451.391	1442.159	1420.779	1367.136	1276.855	1226.613	1149.354	1172.678
22.5	1430.789	1412.908	1386.280	1371.412	1249.159	1113.495	953.827	839.445	843.138
25.0	1395.998	1383.462	1359.750	1273.843	1095.711	848.580	642.072	536.631	531.675
27.5	1360.042	1335.358	1304.649	1168.304	872.390	565.785	419.820	353.154	349.850
30.0	1331.762	1309.216	1242.259	1012.330	621.761	383.086	295.137	268.607	270.453
32.5	1305.426	1269.955	1177.537	817.094	436.924	286.002	241.882	228.957	228.763
35.0	1282.977	1229.042	1090.852	629.730	326.235	236.926	217.976	211.465	213.117
37.5	1249.061	1184.242	1000.182	481.141	260.638	213.408	204.176	201.455	202.427
40.0	1216.798	1125.739	886.870	372.979	223.127	198.734	193.001	191.932	190.960
42.5	1168.888	1055.478	772.780	301.260	202.524	189.113	186.004	183.282	182.311
45.0	1130.890	996.878	684.054	254.807	190.474	181.825	179.201	177.452	174.828
47.5	1128.460	961.407	617.096	226.722	181.145	174.536	172.301	169.872	168.122
50.0	1134.486	936.626	561.412	208.744	173.370	166.470	163.846	163.166	160.639
52.5	1116.702	893.964	502.715	195.722	166.373	158.793	156.655	157.530	155.975
55.0	1057.810	817.386	441.491	183.380	158.987	150.921	150.435	153.157	152.088
57.5	963.059	730.312	380.851	169.969	149.464	142.855	143.438	148.881	148.686
60.0	855.675	643.724	328.373	155.975	139.357	133.332	136.344	144.993	146.062
62.5	744.111	554.998	282.698	141.301	126.043	120.018	120.990	129.736	130.611
65.0	622.150	462.871	240.230	123.128	105.538	93.390	87.754	89.989	89.212
67.5	494.455	369.092	198.345	98.735	74.926	55.393	45.286	39.552	37.609
70.0	374.534	282.407	156.461	67.929	41.107	22.060	9.912	5.928	5.442
72.5	270.065	205.245	110.203	37.900	14.771	6.025	4.179	3.790	3.596
75.0	181.630	131.874	64.042	13.994	5.151	3.498	2.818	2.527	2.430
77.5	104.372	67.929	24.975	4.567	2.915	1.749	1.069	0.680	0.583
80.0	41.302	27.308	6.025	2.332	1.166	0.389	0.292	0.292	0.292
82.5	11.662	6.414	2.527	1.166	0.486	0.194	0.194	0.194	0.292
85.0	3.887	2.235	1.361	0.680	0.292	0.194	0.194	0.194	0.194
87.5	1.263	1.069	0.777	0.389	0.194	0.194	0.194	0.194	0.194
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-L60-850-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



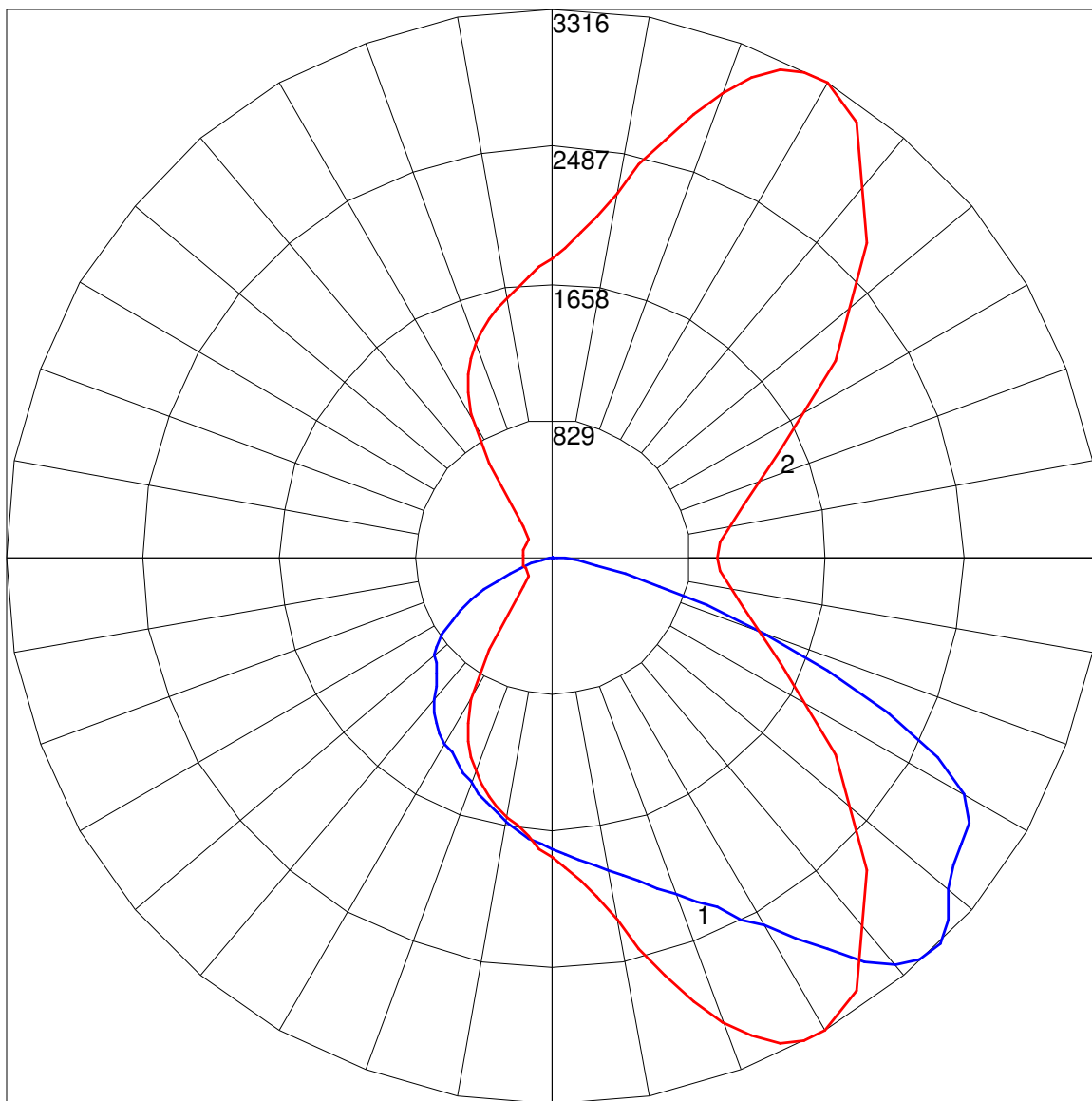
### COEFFICIENTS OF UTILIZATION



### FLUX DISTRIBUTION

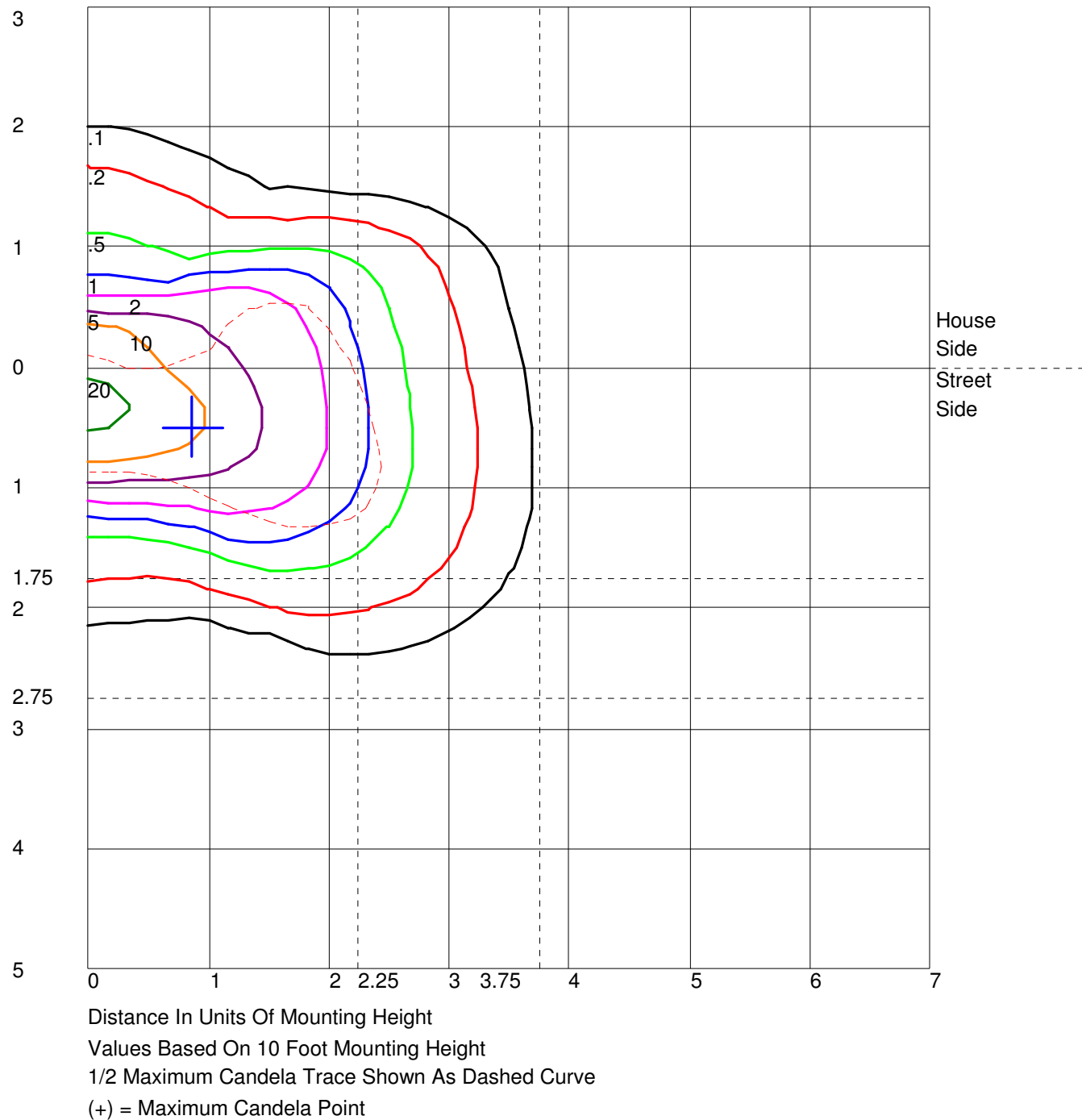
	Lumens	Percent Of Luminaire
Downward Street Side	4174.1	70.7
Downward House Side	1734.0	29.3
Downward Total	5908.1	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	5908.1	100.0

POLAR GRAPH

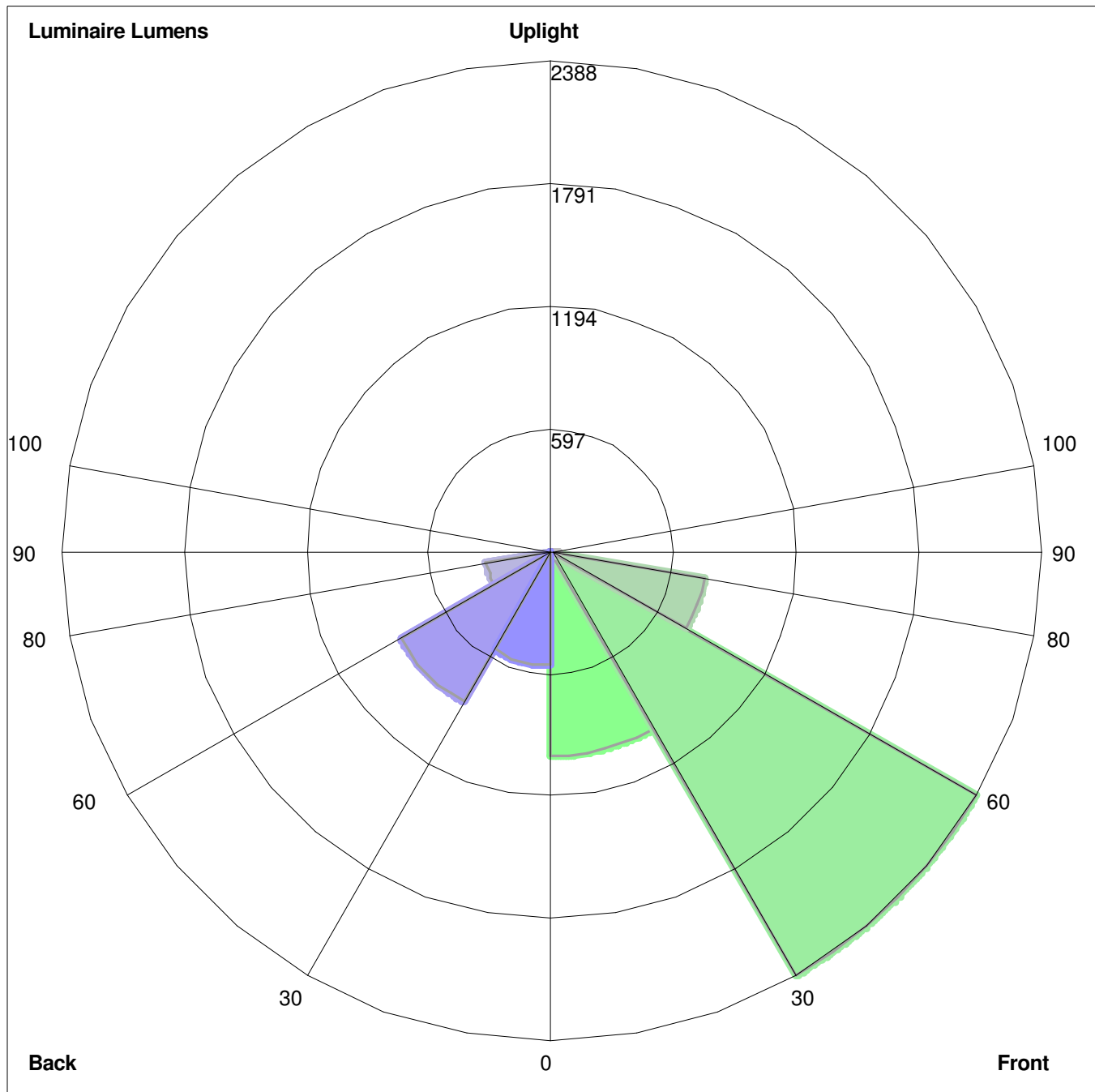


Maximum Candela = 3316.48 Located At Horizontal Angle = 60, Vertical Angle = 45  
# 1 - Vertical Plane Through Horizontal Angles (60 - 240) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (45) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:  
Front: Low=997.7, Medium=2388.3, High=758.2, Very High=30.0  
Back: Low=554.1, Medium=849.1, High=322.0, Very High=8.8  
Uplight: Low=0.0, High=0.0

BUG Rating : B2-U0-G1