



## IES ROAD REPORT

PHOTOMETRIC FILENAME : VWPX-L85-830-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-L85-830-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	7526
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	105
Total Luminaire Watts	72
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	4224.926
Maximum Candela Angle	60H 45V
Maximum Candela (<90 Degrees Vertical)	4224.926
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	374 (5.0% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

**IES ROAD REPORT****PHOTOMETRIC FILENAME : VWPX-L85-830-T2-XXX-SDGL-DIM-UNV\_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1271.0	N.A.	16.9
FM - Front-Medium (30-60)	3042.4	N.A.	40.4
FH - Front-High (60-80)	965.8	N.A.	12.8
FVH - Front-Very High (80-90)	38.2	N.A.	0.5
BL - Back-Low (0-30)	705.9	N.A.	9.4
BM - Back-Medium (30-60)	1081.6	N.A.	14.4
BH - Back-High (60-80)	410.3	N.A.	5.5
BVH - Back-Very High (80-90)	11.2	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	7526.4	N.A.	100.0
BUG Rating	B2-U0-G1		

**IES ROAD REPORT**  
**PHOTOMETRIC FILENAME : VWPX-L85-830-T2-XXX-SDGL-DIM-UNV\_.IES**

**CANDELA TABULATION**

<b>Vert. Angles</b>	<b>Horizontal Angles</b>									
	<b>0.0</b>	<b>5.0</b>	<b>15.0</b>	<b>25.0</b>	<b>35.0</b>	<b>45.0</b>	<b>55.0</b>	<b>60.0</b>	<b>62.5</b>	<b>65.0</b>
<b>0.0</b>	2259.104	2259.104	2259.104	2259.104	2259.104	2259.104	2259.104	2259.104	2259.104	2259.104
<b>2.5</b>	2414.597	2378.447	2368.791	2347.745	2357.525	2366.067	2317.662	2294.016	2293.397	2292.406
<b>5.0</b>	2542.359	2503.114	2486.525	2450.623	2438.491	2438.862	2379.314	2357.525	2355.049	2353.068
<b>7.5</b>	2722.983	2686.834	2663.559	2609.582	2570.461	2539.759	2444.681	2400.732	2390.951	2381.419
<b>10.0</b>	2953.870	2914.750	2878.476	2804.567	2744.029	2675.196	2516.485	2454.832	2431.929	2413.112
<b>12.5</b>	3183.767	3150.094	3107.259	3005.000	2923.168	2805.434	2605.744	2519.703	2485.658	2461.889
<b>15.0</b>	3440.405	3409.579	3346.564	3223.507	3090.669	2941.490	2721.993	2594.231	2541.864	2497.296
<b>17.5</b>	3643.189	3617.934	3553.929	3439.291	3280.579	3100.945	2816.205	2693.024	2630.505	2568.233
<b>20.0</b>	3826.785	3815.643	3739.753	3602.459	3446.347	3242.448	2924.901	2774.360	2701.690	2635.828
<b>22.5</b>	3905.646	3901.065	3829.508	3718.584	3581.289	3378.505	3034.340	2881.571	2799.987	2720.383
<b>25.0</b>	3870.486	3879.647	3824.928	3744.829	3676.615	3483.240	3172.006	2988.906	2908.188	2830.689
<b>27.5</b>	3748.296	3768.970	3735.420	3700.137	3683.301	3617.934	3305.586	3151.951	3051.053	2953.004
<b>30.0</b>	3590.574	3632.419	3600.107	3575.471	3639.228	3661.512	3460.832	3288.873	3190.329	3085.346
<b>32.5</b>	3405.122	3449.442	3442.881	3439.167	3576.337	3732.078	3625.114	3484.230	3391.380	3283.426
<b>35.0</b>	3192.186	3229.449	3237.744	3270.551	3490.668	3781.350	3836.689	3697.166	3584.508	3483.735
<b>37.5</b>	2855.697	2868.201	2944.585	3060.091	3402.522	3795.340	4007.781	3946.747	3834.089	3713.508
<b>40.0</b>	2354.430	2371.391	2515.370	2781.541	3241.087	3744.086	4139.133	4121.677	4031.550	3910.226
<b>42.5</b>	1781.236	1808.100	2008.780	2392.189	2976.031	3601.345	4156.588	4207.223	4172.063	4076.861
<b>45.0</b>	1272.789	1287.521	1515.313	1943.909	2656.007	3425.177	4090.355	4224.926	4214.279	4149.532
<b>47.5</b>	859.296	862.020	1064.805	1505.904	2298.968	3198.128	3958.508	4145.199	4169.216	4130.838
<b>50.0</b>	559.081	564.528	717.050	1102.316	1914.445	2962.165	3787.664	4000.724	4051.482	4038.607
<b>52.5</b>	380.562	386.628	482.944	777.712	1552.329	2717.660	3640.837	3896.237	3972.498	3973.364
<b>55.0</b>	293.901	294.644	346.021	541.997	1224.754	2467.584	3534.369	3864.668	3967.669	4003.076
<b>57.5</b>	248.095	245.743	271.494	393.437	951.280	2203.518	3418.987	3823.814	3969.155	4024.741
<b>60.0</b>	216.898	215.165	229.154	305.662	738.839	1923.358	3215.955	3676.615	3848.326	3918.397
<b>62.5</b>	191.766	189.538	198.823	251.190	580.622	1638.618	2883.676	3345.079	3520.503	3595.279
<b>65.0</b>	166.016	164.159	171.463	212.812	460.165	1338.650	2437.748	2856.563	3010.447	3080.023
<b>67.5</b>	140.389	138.037	145.218	180.996	368.800	1057.005	1945.023	2290.673	2423.511	2473.774
<b>70.0</b>	113.896	112.039	119.219	151.531	294.644	814.109	1478.297	1741.001	1835.708	1871.610
<b>72.5</b>	88.146	86.660	93.593	121.943	230.887	601.792	1074.213	1255.457	1311.538	1336.793
<b>75.0</b>	64.747	64.376	70.566	94.088	175.301	429.710	751.590	863.877	900.398	916.616
<b>77.5</b>	45.311	45.682	50.882	69.452	127.638	294.397	500.029	569.109	592.879	603.525
<b>80.0</b>	30.207	30.702	34.664	48.282	87.650	188.424	310.862	352.583	366.448	374.000
<b>82.5</b>	18.694	18.941	21.789	30.702	55.215	110.058	176.663	199.071	208.603	212.317
<b>85.0</b>	10.275	10.523	12.132	17.084	30.207	56.081	88.022	97.802	103.868	105.725
<b>87.5</b>	4.457	4.581	5.323	7.180	11.885	21.417	33.055	36.397	38.873	40.359
<b>90.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>92.5</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>95.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>97.5</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>100.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>102.5</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>105.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>107.5</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>110.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>112.5</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>115.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>117.5</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>120.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>122.5</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>125.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>127.5</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>130.0</b>	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-L85-830-T2-XXX-SDGL-DIM-UNV\_.IES

## CANDELA TABULATION - (Cont.)

132.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
135.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
137.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
140.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
142.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
145.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
147.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
150.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
152.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
155.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
157.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
160.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
162.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
165.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
167.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
170.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
172.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
175.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
177.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
180.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Vert.  
Angles

## Horizontal Angles

	<u>67.5</u>	<u>70.0</u>	<u>72.5</u>	<u>75.0</u>	<u>77.5</u>	<u>80.0</u>	<u>82.5</u>	<u>85.0</u>	<u>87.5</u>	<u>90.0</u>
0.0	2259.104	2259.104	2259.104	2259.104	2259.104	2259.104	2259.104	2259.104	2259.104	2259.104
2.5	2266.904	2255.019	2259.723	2251.305	2238.058	2222.212	2217.755	2215.774	2218.993	2216.888
5.0	2322.614	2308.748	2303.425	2289.435	2272.351	2248.334	2235.954	2236.944	2228.897	2224.935
7.5	2349.354	2329.794	2321.252	2301.568	2273.341	2245.362	2225.431	2213.917	2205.870	2196.585
10.0	2365.820	2335.613	2327.318	2308.748	2281.388	2249.448	2227.411	2215.403	2201.042	2188.291
12.5	2408.655	2371.019	2344.279	2316.671	2287.207	2248.705	2219.860	2200.918	2181.605	2164.521
15.0	2434.529	2387.485	2354.678	2314.814	2276.684	2240.534	2209.584	2186.805	2161.055	2138.647
17.5	2478.973	2420.911	2378.076	2329.546	2279.655	2230.383	2194.852	2169.102	2139.637	2114.134
20.0	2536.912	2457.184	2401.722	2344.774	2285.226	2226.545	2188.043	2159.074	2123.172	2092.841
22.5	2615.401	2521.808	2445.671	2374.733	2306.024	2235.830	2188.662	2152.884	2113.020	2079.470
25.0	2713.946	2611.439	2514.504	2419.054	2335.489	2250.067	2194.852	2158.207	2111.906	2076.870
27.5	2821.528	2709.365	2602.773	2485.039	2386.247	2288.816	2216.765	2175.787	2128.743	2085.289
30.0	2960.803	2834.403	2722.612	2585.070	2459.289	2337.593	2245.734	2191.509	2134.809	2087.270
32.5	3121.619	2976.278	2839.108	2700.080	2554.120	2411.874	2308.005	2241.772	2175.415	2123.172
35.0	3325.147	3159.007	3002.400	2842.698	2672.968	2507.200	2379.438	2297.111	2224.688	2163.035
37.5	3539.692	3350.526	3158.883	2977.392	2796.892	2596.955	2449.137	2349.231	2260.342	2195.842
40.0	3738.639	3553.063	3335.422	3117.286	2915.988	2686.462	2515.742	2405.188	2296.368	2223.821
42.5	3907.626	3715.489	3479.897	3230.564	3015.647	2768.294	2577.023	2451.613	2341.679	2256.381
45.0	4000.476	3818.985	3594.783	3335.422	3100.945	2851.611	2642.761	2511.037	2397.513	2308.748
47.5	4013.723	3849.688	3626.848	3379.000	3152.693	2926.387	2733.754	2609.335	2504.476	2419.921
50.0	3941.671	3807.720	3616.944	3410.817	3208.775	3017.132	2865.601	2765.694	2676.806	2599.678
52.5	3911.217	3815.395	3657.179	3490.544	3325.147	3174.482	3052.044	2980.983	2899.770	2819.795
55.0	3967.546	3891.037	3764.761	3631.305	3497.724	3361.668	3251.114	3184.262	3105.030	3006.857
57.5	3997.505	3938.824	3838.422	3726.754	3610.754	3474.202	3362.411	3282.807	3191.443	3078.042
60.0	3898.837	3855.754	3759.314	3651.360	3530.531	3399.675	3279.217	3185.005	3090.793	2967.241
62.5	3577.080	3538.207	3455.880	3342.479	3220.783	3092.403	2971.698	2864.487	2775.474	2657.741
65.0	3061.824	3025.179	2956.842	2844.926	2733.754	2610.201	2503.114	2393.304	2317.538	2213.298
67.5	2450.004	2424.625	2360.496	2258.733	2159.445	2063.624	1972.383	1880.028	1812.557	1735.058
70.0	1853.659	1828.527	1776.779	1695.690	1613.734	1537.721	1462.079	1394.608	1341.745	1281.826
72.5	1326.889	1305.224	1268.208	1208.908	1149.732	1092.288	1039.549	988.049	950.042	908.445
75.0	907.207	891.980	867.096	826.489	785.140	746.267	714.822	677.187	649.827	625.686
77.5	595.478	588.669	572.328	544.968	518.227	493.962	474.154	447.042	429.586	414.730

**IES ROAD REPORT**  
**PHOTOMETRIC FILENAME : VWPX-L85-830-T2-XXX-SDGL-DIM-UNV\_.IES**

**CANDELA TABULATION - (Cont.)**

80.0	368.429	364.591	356.668	337.231	322.375	308.510	295.263	279.169	270.503	260.723
82.5	209.841	207.365	205.261	193.500	185.453	177.158	169.854	161.188	157.102	151.531
85.0	104.859	103.868	103.992	98.669	93.717	88.517	85.174	80.470	79.727	78.365
87.5	39.987	40.359	41.102	39.492	36.645	34.912	33.426	31.074	31.074	32.064
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	2259.104	2259.104	2259.104	2259.104	2259.104	2259.104	2259.104	2259.104	2259.104	2259.104
2.5	2212.060	2204.385	2197.823	2193.490	2202.156	2208.470	2209.956	2200.299	2204.508	2224.440
5.0	2217.012	2208.099	2198.690	2195.966	2203.766	2207.356	2205.746	2196.585	2196.090	2207.480
7.5	2186.310	2175.292	2165.140	2157.341	2160.064	2160.436	2152.141	2140.751	2137.656	2149.665
10.0	2177.149	2165.016	2151.646	2140.504	2140.380	2136.047	2126.019	2111.163	2100.764	2105.097
12.5	2147.560	2131.714	2117.601	2101.259	2101.507	2093.707	2077.985	2061.767	2058.548	2064.119
15.0	2118.220	2101.630	2079.965	2063.376	2055.701	2043.940	2032.798	2018.561	2002.590	1996.277
17.5	2093.707	2075.137	2050.130	2027.969	2017.694	2011.999	1999.991	1975.973	1960.746	1960.375
20.0	2073.528	2049.139	2024.874	1996.029	1985.135	1972.878	1946.261	1917.416	1901.817	1901.446
22.5	2059.910	2028.341	1993.182	1964.089	1960.994	1942.424	1910.855	1891.170	1876.314	1853.535
25.0	2048.149	2005.314	1968.669	1944.404	1933.386	1905.036	1872.724	1847.221	1814.662	1800.549

# IES ROAD REPORT

PHOTOMETRIC FILENAME : VWPX-L85-830-T2-XXX-SDGL-DIM-UNV\_.IES

## CANDELA TABULATION - (Cont.)

27.5	2056.939	2013.856	1967.926	1938.586	1915.064	1882.876	1852.916	1813.919	1781.483	1765.389
30.0	2059.167	2011.628	1966.936	1937.472	1904.665	1878.171	1833.232	1787.550	1755.362	1733.201
32.5	2087.765	2030.198	1987.115	1949.356	1906.769	1879.657	1827.661	1780.741	1736.792	1700.147
35.0	2123.419	2061.148	2013.609	1960.622	1916.054	1878.171	1820.480	1772.817	1720.574	1685.786
37.5	2149.789	2079.965	2029.579	1969.660	1930.291	1882.009	1823.204	1770.341	1716.241	1665.235
40.0	2169.349	2098.288	2043.197	1980.925	1938.338	1883.495	1819.119	1749.667	1694.452	1629.581
42.5	2198.442	2116.982	2054.586	1988.230	1935.491	1881.019	1805.996	1740.753	1669.197	1588.974
45.0	2251.057	2165.016	2099.154	2037.873	1972.012	1913.950	1828.651	1754.990	1669.073	1568.795
47.5	2368.791	2285.474	2210.327	2143.475	2075.509	2006.428	1909.121	1821.966	1723.669	1595.783
50.0	2552.263	2471.793	2397.265	2320.757	2255.143	2174.054	2057.186	1944.776	1814.662	1646.665
52.5	2769.037	2686.091	2602.030	2512.894	2442.081	2349.726	2207.603	2069.442	1895.008	1670.311
55.0	2944.585	2845.917	2744.896	2647.837	2560.929	2457.432	2288.445	2119.953	1901.693	1625.248
57.5	2993.734	2875.257	2770.770	2670.121	2573.556	2466.841	2280.274	2075.880	1830.384	1521.627
60.0	2864.487	2743.905	2639.913	2551.396	2453.966	2359.630	2173.435	1958.765	1698.042	1377.152
62.5	2553.996	2441.090	2350.964	2274.208	2196.833	2113.020	1949.233	1750.286	1506.647	1205.937
65.0	2126.390	2025.865	1951.337	1896.989	1834.594	1775.046	1644.684	1472.726	1261.523	1008.847
67.5	1657.436	1584.765	1526.703	1485.230	1438.557	1403.646	1306.462	1164.588	1004.390	804.205
70.0	1228.221	1176.225	1132.152	1104.544	1074.956	1054.034	980.373	871.924	755.923	602.906
72.5	871.181	834.041	803.215	784.893	765.085	747.381	699.099	622.838	538.283	432.062
75.0	598.202	572.947	554.253	541.502	527.017	511.790	478.240	425.996	366.820	296.749
77.5	395.170	378.705	368.553	359.763	348.126	336.984	315.814	278.798	231.754	179.139
80.0	247.600	238.563	232.125	226.430	217.641	209.717	184.710	151.655	119.591	81.460
82.5	144.722	140.018	135.685	131.600	125.781	114.020	91.983	59.919	43.825	25.131
85.0	75.023	72.918	70.318	67.595	60.662	48.777	32.064	22.655	13.370	7.923
87.5	30.826	30.579	29.093	26.246	20.798	14.113	9.533	5.571	3.466	2.105
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-L85-830-T2-XXX-SDGL-DIM-UNV\_.IES

## CANDELA TABULATION - (Cont.)

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

Vert.  
Angles

Horizontal Angles

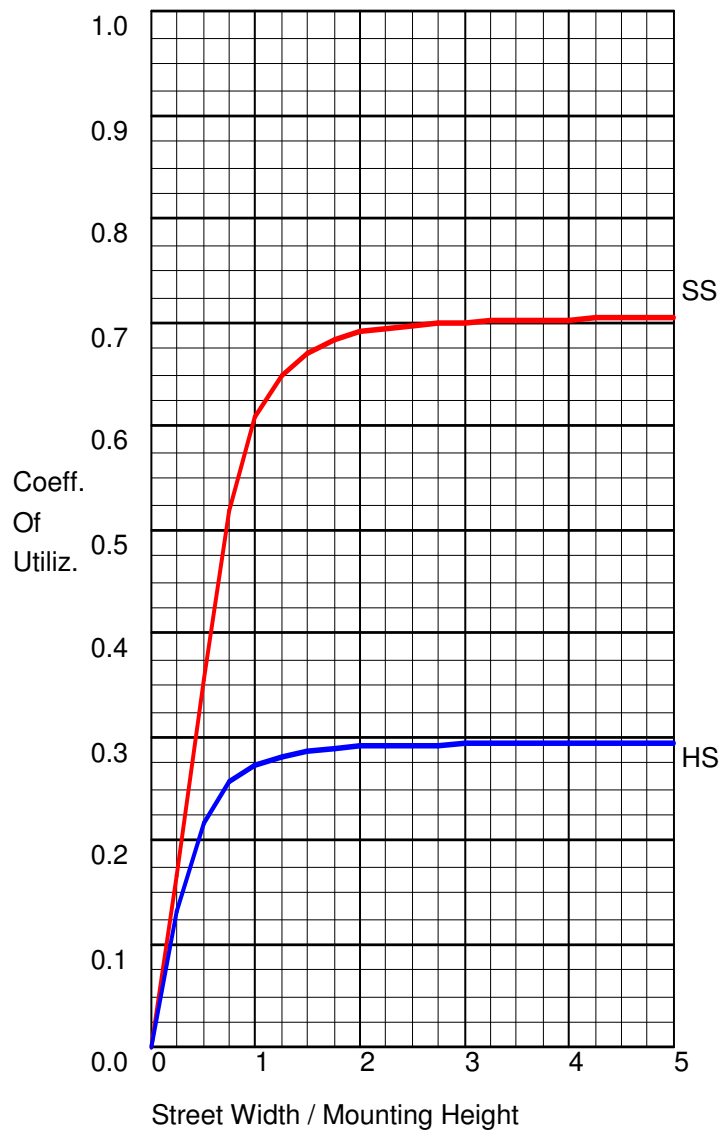
	<u>117.5</u>	<u>120.0</u>	<u>125.0</u>	<u>135.0</u>	<u>145.0</u>	<u>155.0</u>	<u>165.0</u>	<u>175.0</u>	<u>180.0</u>
0.0	2259.104	2259.104	2259.104	2259.104	2259.104	2259.104	2259.104	2259.104	2259.104
2.5	2219.241	2214.289	2221.964	2237.687	2208.841	2193.119	2204.385	2217.384	2247.838
5.0	2197.823	2188.786	2187.300	2184.453	2139.018	2109.925	2114.010	2134.190	2164.521
7.5	2136.790	2127.628	2129.733	2138.399	2087.270	2033.912	2029.826	2052.853	2090.984
10.0	2090.241	2077.118	2061.395	2043.816	2018.313	1975.850	1946.385	1963.098	1998.876
12.5	2042.330	2026.112	2009.399	1991.201	1910.359	1907.636	1894.265	1905.779	1945.395
15.0	1971.021	1955.794	1945.395	1916.921	1866.039	1838.431	1841.526	1831.746	1878.543
17.5	1944.157	1925.958	1883.866	1859.230	1824.690	1753.876	1746.819	1699.652	1741.001
20.0	1876.067	1848.954	1837.193	1809.957	1741.620	1626.609	1562.605	1464.184	1493.896
22.5	1822.709	1799.930	1766.008	1747.067	1591.326	1418.502	1215.098	1069.385	1074.090
25.0	1778.388	1762.418	1732.211	1622.772	1395.846	1081.022	817.947	683.624	677.310
27.5	1732.582	1701.137	1662.016	1488.325	1111.353	720.764	534.816	449.890	445.680
30.0	1696.557	1667.835	1582.537	1289.626	792.073	488.020	375.981	342.183	344.536
32.5	1663.007	1617.820	1500.086	1040.911	556.605	364.344	308.138	291.673	291.425
35.0	1634.409	1565.700	1389.656	802.225	415.597	301.825	277.684	269.389	271.494
37.5	1591.203	1508.628	1274.151	612.934	332.032	271.865	260.104	256.638	257.876
40.0	1550.101	1434.100	1129.800	475.145	284.245	253.171	245.867	244.505	243.267
42.5	1489.068	1344.593	984.458	383.780	257.999	240.915	236.953	233.487	232.249
45.0	1440.662	1269.941	871.429	324.604	242.648	231.630	228.287	226.059	222.716
47.5	1437.567	1224.754	786.131	288.826	230.763	222.345	219.498	216.403	214.174
50.0	1445.242	1193.185	715.193	265.923	220.859	212.070	208.727	207.860	204.642
52.5	1422.587	1138.837	640.418	249.333	211.946	202.289	199.566	200.680	198.699
55.0	1347.564	1041.283	562.424	233.611	202.537	192.262	191.643	195.109	193.747
57.5	1226.859	930.358	485.173	216.526	190.405	181.986	182.729	189.662	189.414
60.0	1090.060	820.052	418.321	198.699	177.529	169.854	173.692	184.710	186.072
62.5	947.937	707.022	360.134	180.005	160.569	152.893	154.131	165.273	166.387
65.0	792.568	589.660	306.034	156.855	134.447	118.972	111.791	114.639	113.648
67.5	629.895	470.193	252.676	125.781	95.450	70.566	57.691	50.387	47.911
70.0	477.126	359.763	199.318	86.536	52.367	28.103	12.628	7.552	6.933
72.5	344.040	261.466	140.389	48.282	18.818	7.676	5.323	4.828	4.581
75.0	231.382	167.997	81.584	17.827	6.561	4.457	3.590	3.219	3.095
77.5	132.961	86.536	31.817	5.819	3.714	2.228	1.362	0.867	0.743
80.0	52.615	34.788	7.676	2.971	1.486	0.495	0.371	0.371	0.371
82.5	14.856	8.171	3.219	1.486	0.619	0.248	0.248	0.248	0.371
85.0	4.952	2.847	1.733	0.867	0.371	0.248	0.248	0.248	0.248
87.5	1.609	1.362	0.990	0.495	0.248	0.248	0.248	0.248	0.248
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-L85-830-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



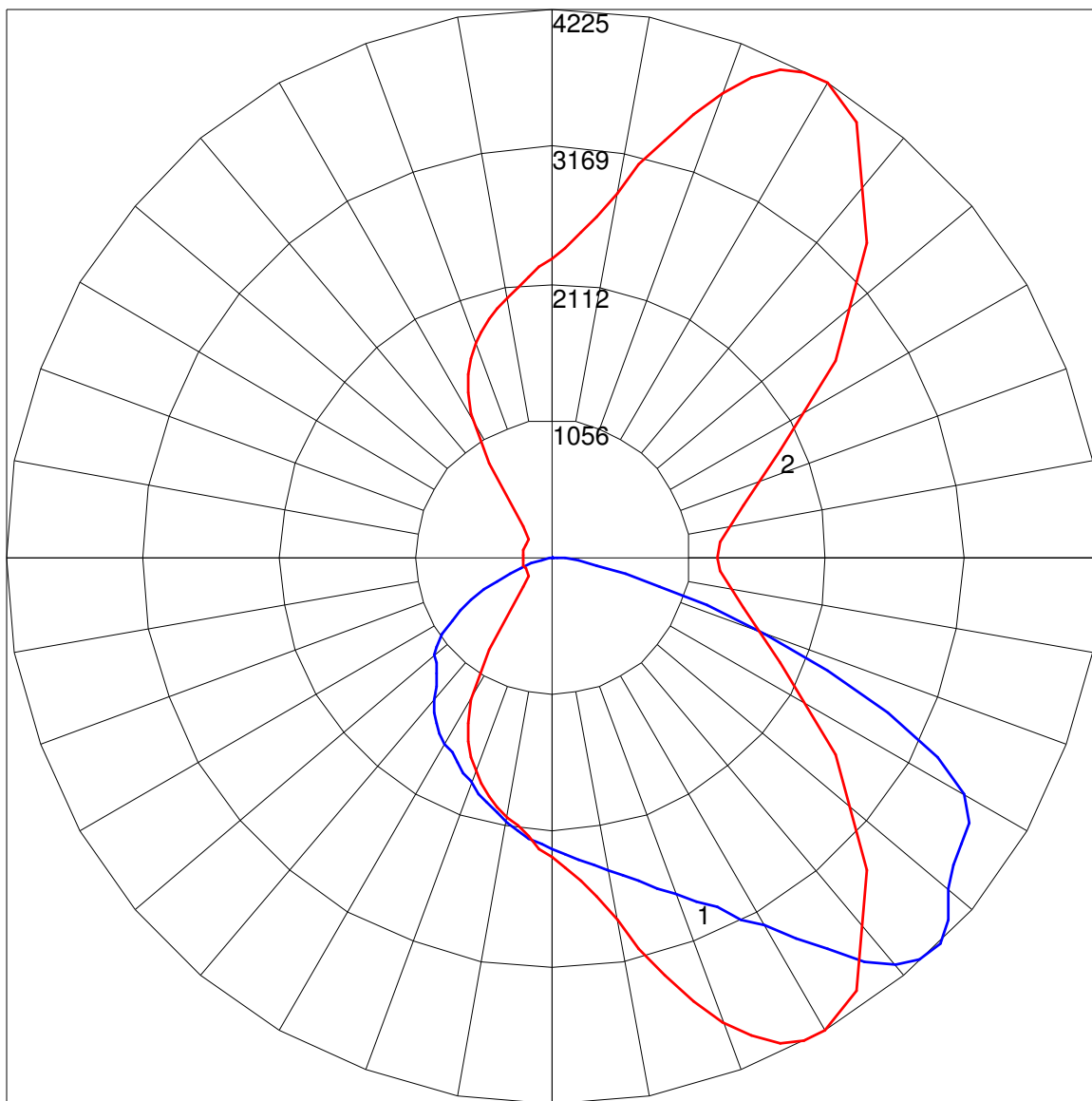
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

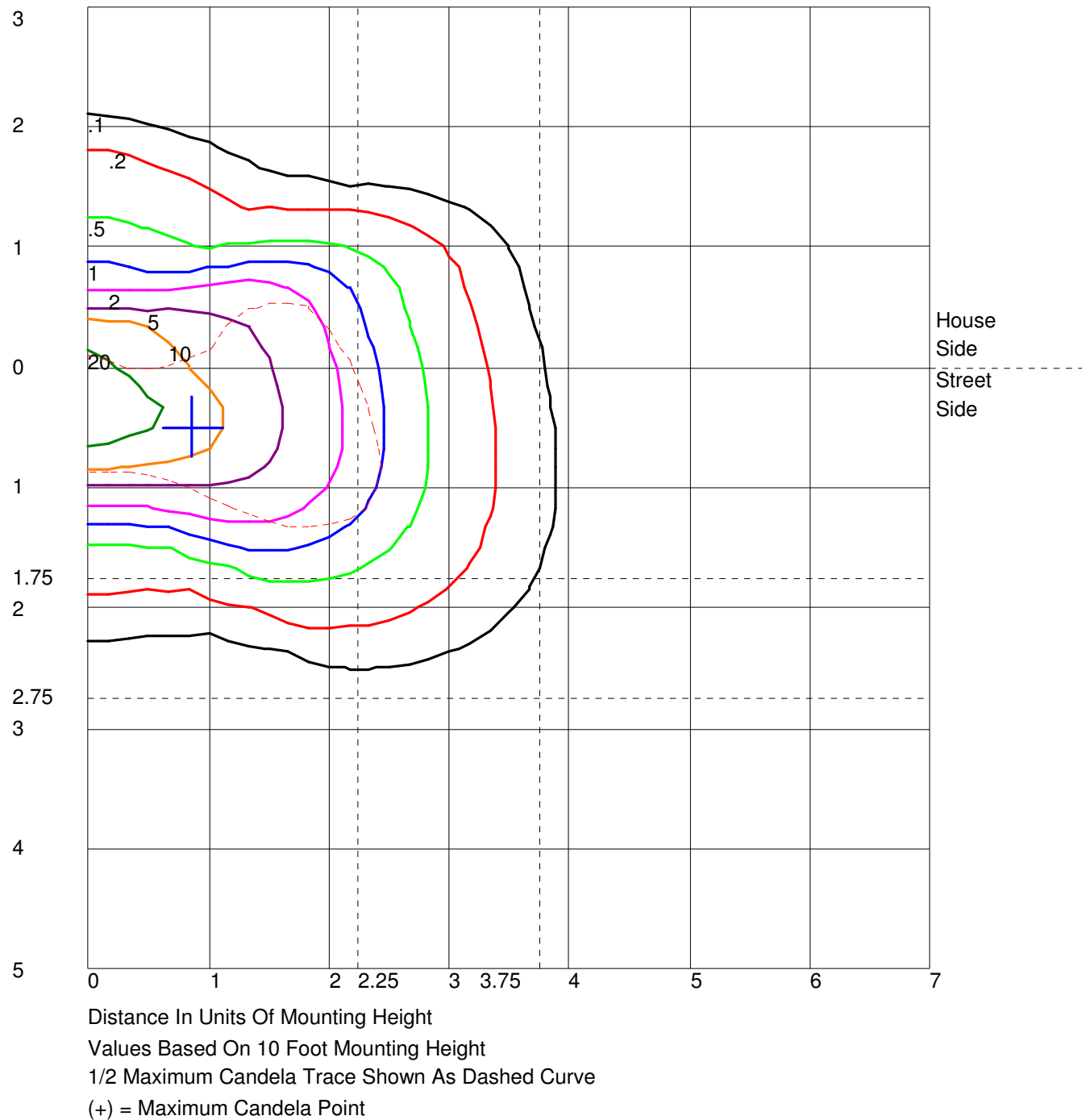
	Lumens	Percent Of Luminaire
Downward Street Side	5317.5	70.7
Downward House Side	2209.0	29.3
Downward Total	7526.5	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	7526.5	100.0

POLAR GRAPH

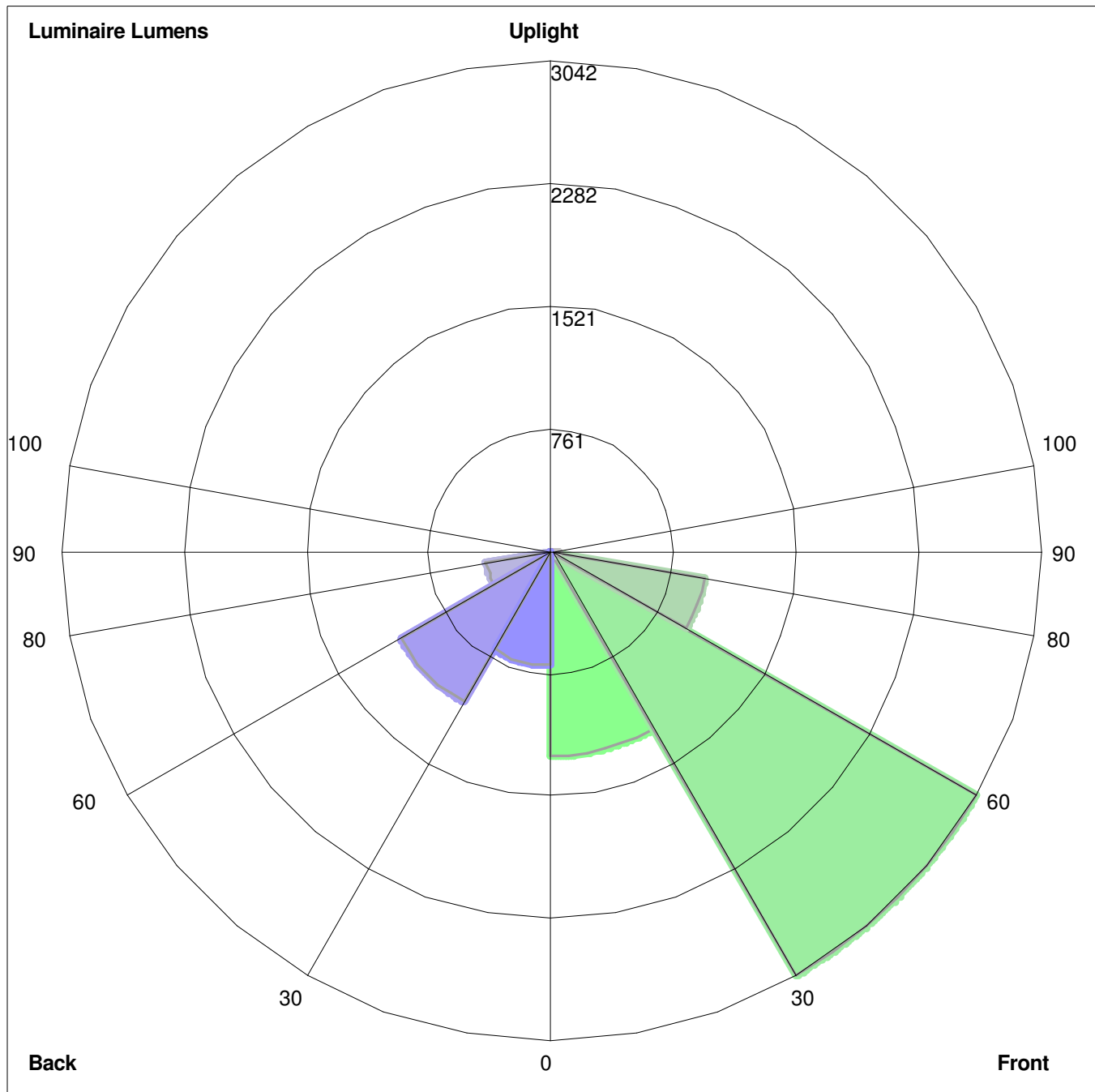


Maximum Candela = 4224.926 Located At Horizontal Angle = 60, Vertical Angle = 45  
# 1 - Vertical Plane Through Horizontal Angles (60 - 240) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (45) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:  
Front: Low= 1271.0, Medium=3042.4, High=965.8, Very High=38.2  
Back: Low=705.9, Medium=1081.6, High=410.3, Very High=11.2  
Uplight: Low=0.0, High=0.0

BUG Rating : B2-U0-G1