



IES ROAD REPORT

PHOTOMETRIC FILENAME : VWPX-L85-740-T2-XXX-CGL-DIM-UNV_.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] GEN FROM 14773930.01
[TESTLAB] UL Verification Services Inc.
[ISSUEDATE] 2024-01-31
[TESTDATE] 4/25/2023
[MANUFAC] H.E. WILLIAMS, INC.
[LUMCAT] VWPx-L85-740-T2-xxx-CGL-DIM-UNV
[LUMINAIRE] CAST ALUMINUM LED WALL PACK
[LAMP] 8 white LEDs
[BALLAST] UNIVERSAL VOLTAGE LED 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 | 8932 |
| Downward Total Efficiency | N.A. (absolute) |
| Total Luminaire Efficiency | N.A. (absolute) |
| Luminaire Efficacy Rating (LER) | 124 |
| Total Luminaire Watts | 72 |
| Ballast Factor | 1.00 |
| Upward Waste Light Ratio | 0.00 |
| Maximum Candela | 5045.927 |
| Maximum Candela Angle | 60H 45V |
| Maximum Candela (<90 Degrees Vertical) | 5045.927 |
| 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 | 331.292 (3.7% Luminaire Lumens) |
| Cutoff Classification (deprecated) | N.A. (absolute) |

IES ROAD REPORT**PHOTOMETRIC FILENAME : VWPX-L85-740-T2-XXX-CGL-DIM-UNV_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

| | Lumens | % Lamp | % Luminaire |
|-------------------------------|----------|--------|-------------|
| FL - Front-Low (0-30) | 1436.2 | N.A. | 16.1 |
| FM - Front-Medium (30-60) | 3560.3 | N.A. | 39.9 |
| FH - Front-High (60-80) | 1376.3 | N.A. | 15.4 |
| FVH - Front-Very High (80-90) | 23.8 | N.A. | 0.3 |
| BL - Back-Low (0-30) | 799.9 | N.A. | 9.0 |
| BM - Back-Medium (30-60) | 1217.1 | N.A. | 13.6 |
| BH - Back-High (60-80) | 514.9 | N.A. | 5.8 |
| BVH - Back-Very High (80-90) | 3.1 | N.A. | 0.0 |
| UL - Uplight-Low (90-100) | 0.0 | N.A. | 0.0 |
| UH - Uplight-High (100-180) | 0.0 | N.A. | 0.0 |
| Total | 8931.6 | N.A. | 100.0 |
| BUG Rating | B2-U0-G2 | | |

IES ROAD REPORT
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CANDELA TABULATION

| Vert. Angles | Horizontal Angles | | | | | | | | | |
|-------------------------|--------------------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | 0.0 | 5.0 | 15.0 | 25.0 | 35.0 | 45.0 | 55.0 | 60.0 | 62.5 | 65.0 |
| 0.0 | 2583.400 | 2583.400 | 2583.400 | 2583.400 | 2583.400 | 2583.400 | 2583.400 | 2583.400 | 2583.400 | 2583.400 |
| 2.5 | 2685.063 | 2707.819 | 2692.599 | 2667.479 | 2666.297 | 2679.005 | 2657.135 | 2638.074 | 2624.036 | 2619.307 |
| 5.0 | 2800.026 | 2824.407 | 2804.606 | 2770.768 | 2760.720 | 2757.321 | 2716.242 | 2687.132 | 2667.036 | 2657.726 |
| 7.5 | 2936.857 | 2964.194 | 2936.857 | 2885.878 | 2855.142 | 2832.239 | 2771.359 | 2735.008 | 2708.706 | 2694.520 |
| 10.0 | 3199.734 | 3222.194 | 3180.524 | 3091.125 | 3004.239 | 2927.843 | 2823.520 | 2773.575 | 2740.180 | 2720.675 |
| 12.5 | 3462.906 | 3489.799 | 3436.308 | 3326.369 | 3211.998 | 3081.373 | 2889.720 | 2811.995 | 2767.812 | 2738.407 |
| 15.0 | 3754.005 | 3781.490 | 3713.074 | 3564.126 | 3407.493 | 3245.689 | 2996.703 | 2872.874 | 2809.778 | 2764.857 |
| 17.5 | 4044.514 | 4083.524 | 3999.445 | 3822.865 | 3622.789 | 3405.572 | 3120.235 | 2969.070 | 2882.922 | 2817.610 |
| 20.0 | 4316.848 | 4372.703 | 4274.143 | 4072.442 | 3832.026 | 3576.686 | 3234.902 | 3073.837 | 2978.971 | 2896.221 |
| 22.5 | 4502.147 | 4575.882 | 4478.504 | 4279.610 | 4026.930 | 3740.411 | 3356.957 | 3174.761 | 3075.019 | 2984.734 |
| 25.0 | 4540.270 | 4619.325 | 4545.294 | 4402.404 | 4180.459 | 3901.033 | 3496.153 | 3298.442 | 3188.060 | 3089.500 |
| 27.5 | 4395.755 | 4488.995 | 4463.432 | 4394.720 | 4275.325 | 4051.902 | 3645.693 | 3449.459 | 3331.098 | 3219.682 |
| 30.0 | 4178.538 | 4273.700 | 4246.806 | 4237.940 | 4259.662 | 4172.037 | 3814.885 | 3625.596 | 3495.857 | 3374.985 |
| 32.5 | 4021.167 | 4117.363 | 4066.975 | 4039.786 | 4171.445 | 4279.167 | 4029.294 | 3824.785 | 3692.535 | 3564.864 |
| 35.0 | 3885.813 | 3972.404 | 3910.490 | 3875.026 | 4048.061 | 4380.683 | 4286.260 | 4090.765 | 3928.370 | 3793.755 |
| 37.5 | 3640.373 | 3724.452 | 3722.531 | 3725.191 | 3959.401 | 4459.885 | 4584.600 | 4396.937 | 4229.370 | 4050.129 |
| 40.0 | 3142.696 | 3214.510 | 3339.077 | 3522.308 | 3881.380 | 4474.071 | 4835.803 | 4705.178 | 4541.453 | 4347.583 |
| 42.5 | 2458.390 | 2513.359 | 2754.661 | 3166.043 | 3725.634 | 4375.511 | 4951.357 | 4949.583 | 4816.002 | 4641.638 |
| 45.0 | 1821.664 | 1878.259 | 2134.338 | 2658.465 | 3417.541 | 4126.377 | 4907.765 | 5045.927 | 4958.893 | 4816.150 |
| 47.5 | 1086.379 | 1166.025 | 1497.169 | 2095.328 | 2976.754 | 3845.916 | 4742.415 | 4920.326 | 4904.958 | 4826.642 |
| 50.0 | 700.265 | 738.241 | 954.128 | 1540.465 | 2532.568 | 3624.858 | 4568.642 | 4735.913 | 4761.624 | 4710.941 |
| 52.5 | 347.547 | 362.471 | 564.763 | 1053.574 | 2098.135 | 3401.287 | 4293.057 | 4521.061 | 4593.762 | 4587.556 |
| 55.0 | 294.351 | 293.464 | 316.663 | 655.640 | 1669.465 | 3116.984 | 3916.696 | 4205.875 | 4306.947 | 4287.442 |
| 57.5 | 260.808 | 259.330 | 264.797 | 392.911 | 1256.014 | 2797.366 | 3695.047 | 4079.978 | 4169.672 | 4161.841 |
| 60.0 | 234.358 | 231.993 | 235.835 | 271.151 | 879.506 | 2503.754 | 3889.655 | 4303.696 | 4422.205 | 4464.762 |
| 62.5 | 215.591 | 212.045 | 212.784 | 228.447 | 611.457 | 2192.115 | 4036.239 | 4653.903 | 4880.281 | 5008.099 |
| 65.0 | 199.041 | 195.938 | 193.278 | 205.248 | 448.323 | 1787.530 | 3718.246 | 4568.198 | 4882.793 | 5033.958 |
| 67.5 | 180.866 | 179.388 | 176.285 | 187.220 | 359.516 | 1532.042 | 3137.967 | 3903.397 | 4103.473 | 4182.085 |
| 70.0 | 159.292 | 158.701 | 158.406 | 170.670 | 286.815 | 1239.169 | 2603.053 | 3241.404 | 3351.490 | 3317.356 |
| 72.5 | 134.467 | 134.320 | 135.945 | 155.450 | 237.313 | 1022.691 | 1860.822 | 2203.345 | 2290.675 | 2280.036 |
| 75.0 | 106.244 | 107.278 | 110.677 | 141.708 | 194.017 | 742.526 | 1056.086 | 1265.028 | 1382.946 | 1394.176 |
| 77.5 | 74.474 | 76.839 | 82.306 | 114.371 | 145.845 | 391.876 | 618.402 | 627.121 | 615.890 | 589.588 |
| 80.0 | 40.636 | 44.330 | 47.876 | 75.804 | 103.584 | 179.093 | 331.292 | 248.839 | 199.632 | 170.818 |
| 82.5 | 23.495 | 25.120 | 26.746 | 45.069 | 67.825 | 90.876 | 148.801 | 118.509 | 100.038 | 88.512 |
| 85.0 | 11.969 | 12.560 | 12.856 | 23.052 | 41.227 | 54.969 | 54.083 | 50.388 | 45.808 | 43.591 |
| 87.5 | 4.729 | 5.172 | 5.172 | 8.423 | 14.333 | 19.210 | 14.333 | 16.254 | 16.107 | 15.811 |
| 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 | 2583.400 | 2583.400 | 2583.400 | 2583.400 | 2583.400 | 2583.400 | 2583.400 | 2583.400 | 2583.400 | 2583.400 |
| 2.5 | 2604.826 | 2592.709 | 2599.654 | 2590.788 | 2576.603 | 2565.372 | 2553.699 | 2560.939 | 2566.407 | 2561.678 |
| 5.0 | 2636.448 | 2621.376 | 2622.854 | 2607.781 | 2589.754 | 2572.909 | 2555.915 | 2557.836 | 2558.575 | 2550.300 |
| 7.5 | 2669.252 | 2645.905 | 2643.689 | 2623.445 | 2599.359 | 2578.228 | 2554.586 | 2553.108 | 2548.379 | 2535.376 |
| 10.0 | 2688.610 | 2662.751 | 2656.397 | 2631.129 | 2601.723 | 2573.056 | 2547.345 | 2539.513 | 2529.909 | 2511.733 |
| 12.5 | 2701.170 | 2670.434 | 2658.022 | 2627.730 | 2595.369 | 2562.269 | 2530.943 | 2518.974 | 2505.527 | 2482.476 |
| 15.0 | 2712.252 | 2673.981 | 2658.318 | 2622.115 | 2585.764 | 2548.232 | 2510.847 | 2495.479 | 2476.565 | 2451.149 |
| 17.5 | 2742.988 | 2690.235 | 2663.489 | 2620.637 | 2580.149 | 2537.740 | 2497.400 | 2476.269 | 2453.070 | 2424.108 |
| 20.0 | 2795.445 | 2721.857 | 2676.936 | 2625.366 | 2576.603 | 2529.170 | 2483.067 | 2460.015 | 2434.008 | 2400.613 |
| 22.5 | 2867.998 | 2769.733 | 2701.761 | 2634.823 | 2578.228 | 2522.668 | 2472.427 | 2445.091 | 2415.242 | 2379.039 |
| 25.0 | 2963.455 | 2849.675 | 2753.184 | 2663.489 | 2593.744 | 2528.283 | 2470.802 | 2441.101 | 2405.933 | 2367.218 |
| 27.5 | 3080.191 | 2957.544 | 2838.740 | 2718.311 | 2628.173 | 2551.482 | 2484.692 | 2449.967 | 2412.139 | 2368.695 |
| 30.0 | 3221.012 | 3086.988 | 2951.634 | 2802.242 | 2685.802 | 2591.232 | 2514.689 | 2474.348 | 2432.235 | 2385.689 |
| 32.5 | 3397.445 | 3251.747 | 3097.627 | 2925.479 | 2779.338 | 2656.988 | 2565.077 | 2518.974 | 2471.689 | 2420.857 |
| 35.0 | 3609.638 | 3446.060 | 3273.469 | 3079.008 | 2905.087 | 2745.795 | 2636.153 | 2580.592 | 2525.771 | 2470.654 |
| 37.5 | 3839.710 | 3653.968 | 3461.132 | 3241.847 | 3040.589 | 2839.331 | 2703.534 | 2632.015 | 2569.658 | 2509.665 |
| 40.0 | 4082.195 | 3865.421 | 3634.906 | 3389.909 | 3162.496 | 2928.730 | 2754.957 | 2662.159 | 2591.823 | 2526.214 |
| 42.5 | 4356.745 | 4087.810 | 3811.782 | 3531.765 | 3273.026 | 3013.548 | 2807.118 | 2690.087 | 2608.668 | 2540.695 |
| 45.0 | 4586.817 | 4288.920 | 3968.562 | 3659.435 | 3379.861 | 3101.912 | 2875.830 | 2735.008 | 2642.507 | 2568.919 |
| 47.5 | 4653.312 | 4405.507 | 4065.645 | 3725.339 | 3452.562 | 3185.844 | 2955.919 | 2801.503 | 2702.943 | 2626.696 |
| 50.0 | 4609.868 | 4410.827 | 4065.349 | 3726.964 | 3463.940 | 3232.242 | 3034.826 | 2885.878 | 2802.538 | 2737.964 |
| 52.5 | 4488.404 | 4264.095 | 3896.157 | 3633.428 | 3451.675 | 3297.851 | 3187.321 | 3106.050 | 3074.871 | 3044.431 |
| 55.0 | 4177.652 | 3986.146 | 3757.995 | 3609.047 | 3557.772 | 3510.486 | 3488.174 | 3468.964 | 3467.486 | 3441.479 |
| 57.5 | 4067.566 | 3989.102 | 3923.937 | 3872.810 | 3861.579 | 3850.497 | 3841.779 | 3802.473 | 3749.277 | 3671.847 |
| 60.0 | 4426.934 | 4438.312 | 4410.236 | 4331.624 | 4245.476 | 4188.586 | 4076.284 | 3957.775 | 3850.645 | 3731.988 |
| 62.5 | 5031.741 | 5038.391 | 4942.195 | 4741.528 | 4516.628 | 4315.074 | 4139.380 | 3955.559 | 3744.253 | 3542.995 |
| 65.0 | 5028.047 | 4926.532 | 4730.002 | 4492.099 | 4223.164 | 4011.562 | 3841.483 | 3679.679 | 3461.871 | 3261.500 |
| 67.5 | 4180.755 | 4057.074 | 3875.469 | 3690.909 | 3492.311 | 3294.747 | 3146.094 | 3026.847 | 2876.421 | 2742.988 |
| 70.0 | 3234.902 | 3093.046 | 2928.878 | 2763.379 | 2612.658 | 2436.668 | 2292.005 | 2188.420 | 2059.273 | 1956.427 |
| 72.5 | 2202.163 | 2073.310 | 1942.242 | 1830.678 | 1722.513 | 1605.334 | 1498.942 | 1429.049 | 1331.375 | 1266.506 |
| 75.0 | 1339.059 | 1231.633 | 1128.640 | 1042.344 | 953.241 | 841.677 | 728.193 | 671.746 | 612.196 | 579.097 |
| 77.5 | 538.017 | 448.028 | 367.200 | 285.485 | 220.320 | 178.945 | 151.461 | 141.856 | 132.546 | 128.113 |

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CANDELA TABULATION - (Cont.)

| | | | | | | | | | | |
|-------|---------|---------|---------|---------|---------|--------|--------|--------|--------|--------|
| 80.0 | 150.426 | 137.866 | 129.591 | 118.656 | 107.722 | 96.787 | 87.034 | 81.272 | 76.395 | 73.440 |
| 82.5 | 84.375 | 79.646 | 73.588 | 68.416 | 62.210 | 54.526 | 48.320 | 44.625 | 42.261 | 40.636 |
| 85.0 | 41.818 | 39.454 | 36.942 | 34.725 | 31.179 | 26.893 | 23.052 | 20.835 | 19.210 | 18.175 |
| 87.5 | 15.368 | 14.924 | 14.629 | 13.299 | 11.674 | 9.753 | 8.275 | 7.388 | 6.649 | 6.206 |
| 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 | 2583.400 | 2583.400 | 2583.400 | 2583.400 | 2583.400 | 2583.400 | 2583.400 | 2583.400 | 2583.400 | 2583.400 |
| 2.5 | 2556.506 | 2543.207 | 2526.658 | 2530.204 | 2530.795 | 2537.149 | 2536.854 | 2523.555 | 2529.022 | 2535.967 |
| 5.0 | 2542.321 | 2522.964 | 2503.311 | 2502.720 | 2503.458 | 2505.970 | 2503.458 | 2488.829 | 2495.036 | 2501.537 |
| 7.5 | 2523.111 | 2500.207 | 2479.520 | 2478.338 | 2473.757 | 2475.530 | 2474.053 | 2457.946 | 2462.527 | 2465.630 |
| 10.0 | 2498.287 | 2472.575 | 2450.262 | 2444.943 | 2442.135 | 2441.988 | 2439.919 | 2421.744 | 2423.221 | 2424.994 |
| 12.5 | 2464.300 | 2438.737 | 2414.503 | 2408.592 | 2402.091 | 2401.647 | 2396.623 | 2375.049 | 2372.537 | 2367.218 |
| 15.0 | 2430.757 | 2403.420 | 2377.857 | 2369.434 | 2361.898 | 2358.500 | 2346.383 | 2323.183 | 2315.352 | 2301.462 |
| 17.5 | 2400.908 | 2372.242 | 2345.939 | 2335.005 | 2324.365 | 2317.420 | 2298.802 | 2270.135 | 2255.506 | 2233.637 |
| 20.0 | 2373.572 | 2342.984 | 2315.499 | 2302.496 | 2286.537 | 2274.568 | 2249.891 | 2214.723 | 2191.228 | 2162.118 |
| 22.5 | 2350.077 | 2317.864 | 2287.719 | 2269.692 | 2247.379 | 2230.090 | 2196.991 | 2156.503 | 2127.393 | 2096.805 |
| 25.0 | 2336.482 | 2300.723 | 2265.998 | 2241.469 | 2213.984 | 2187.977 | 2146.602 | 2103.307 | 2072.424 | 2041.393 |

IES ROAD REPORT

PHOTOMETRIC FILENAME : VWPX-L85-740-T2-XXX-CGL-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

| | | | | | | | | | | |
|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 27.5 | 2336.187 | 2295.699 | 2256.984 | 2223.737 | 2188.420 | 2156.060 | 2107.297 | 2060.455 | 2025.582 | 2000.166 |
| 30.0 | 2349.634 | 2305.008 | 2260.383 | 2219.747 | 2177.781 | 2136.111 | 2080.108 | 2031.788 | 1997.211 | 1967.362 |
| 32.5 | 2381.994 | 2330.867 | 2281.957 | 2233.489 | 2182.805 | 2133.747 | 2071.537 | 2023.513 | 1981.400 | 1941.503 |
| 35.0 | 2427.802 | 2370.764 | 2316.534 | 2259.348 | 2199.355 | 2144.386 | 2080.551 | 2027.651 | 1975.193 | 1924.214 |
| 37.5 | 2463.709 | 2402.829 | 2342.984 | 2281.070 | 2215.757 | 2157.685 | 2089.417 | 2030.901 | 1968.692 | 1906.334 |
| 40.0 | 2479.520 | 2413.025 | 2349.338 | 2281.070 | 2214.427 | 2153.991 | 2081.881 | 2016.716 | 1946.231 | 1874.417 |
| 42.5 | 2488.534 | 2416.276 | 2346.678 | 2273.238 | 2203.936 | 2142.022 | 2061.785 | 1990.413 | 1917.269 | 1831.269 |
| 45.0 | 2514.836 | 2436.668 | 2359.682 | 2279.592 | 2205.709 | 2138.919 | 2049.077 | 1970.760 | 1888.602 | 1783.540 |
| 47.5 | 2567.146 | 2483.805 | 2398.840 | 2305.599 | 2226.840 | 2151.479 | 2052.623 | 1966.327 | 1866.881 | 1735.221 |
| 50.0 | 2690.087 | 2616.500 | 2539.661 | 2449.671 | 2370.025 | 2297.029 | 2184.874 | 2077.300 | 1956.723 | 1789.894 |
| 52.5 | 3021.232 | 2965.081 | 2899.472 | 2804.902 | 2709.592 | 2636.891 | 2504.049 | 2378.152 | 2221.668 | 1992.039 |
| 55.0 | 3406.902 | 3330.211 | 3236.232 | 3130.727 | 3025.665 | 2932.572 | 2772.245 | 2611.771 | 2383.176 | 2027.651 |
| 57.5 | 3602.840 | 3500.438 | 3391.682 | 3270.366 | 3143.435 | 3012.070 | 2806.823 | 2554.881 | 2217.826 | 1796.248 |
| 60.0 | 3600.624 | 3447.833 | 3303.022 | 3140.627 | 2993.599 | 2811.995 | 2569.953 | 2296.290 | 1951.994 | 1525.984 |
| 62.5 | 3346.022 | 3141.218 | 2987.098 | 2848.493 | 2729.984 | 2581.922 | 2376.675 | 2117.049 | 1765.217 | 1330.489 |
| 65.0 | 3081.816 | 2891.493 | 2755.548 | 2646.644 | 2550.448 | 2426.915 | 2248.709 | 1992.187 | 1622.771 | 1202.227 |
| 67.5 | 2648.565 | 2496.957 | 2388.348 | 2320.671 | 2276.489 | 2198.321 | 2070.651 | 1829.496 | 1487.269 | 1112.090 |
| 70.0 | 1907.073 | 1806.149 | 1737.142 | 1710.101 | 1725.912 | 1688.674 | 1652.176 | 1491.259 | 1221.733 | 925.018 |
| 72.5 | 1229.860 | 1162.478 | 1113.272 | 1089.777 | 1107.361 | 1094.210 | 1107.066 | 1000.526 | 811.976 | 597.420 |
| 75.0 | 572.890 | 533.141 | 512.749 | 518.956 | 557.966 | 549.839 | 562.842 | 492.505 | 349.763 | 229.038 |
| 77.5 | 128.557 | 122.203 | 119.543 | 121.021 | 128.557 | 131.955 | 151.165 | 142.447 | 109.199 | 80.089 |
| 80.0 | 72.849 | 70.780 | 70.189 | 68.711 | 67.973 | 63.244 | 54.378 | 41.079 | 31.179 | 23.790 |
| 82.5 | 40.488 | 40.340 | 40.192 | 39.601 | 38.124 | 30.440 | 19.210 | 13.742 | 9.309 | 6.354 |
| 85.0 | 18.766 | 18.766 | 18.619 | 18.028 | 15.072 | 9.605 | 6.502 | 4.581 | 3.251 | 2.216 |
| 87.5 | 6.502 | 6.206 | 5.911 | 5.024 | 3.546 | 2.660 | 2.069 | 1.773 | 1.478 | 1.330 |
| 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-L85-740-T2-XXX-CGL-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

| | | | | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 167.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 170.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 172.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 175.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 177.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 180.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Vert.
Angles

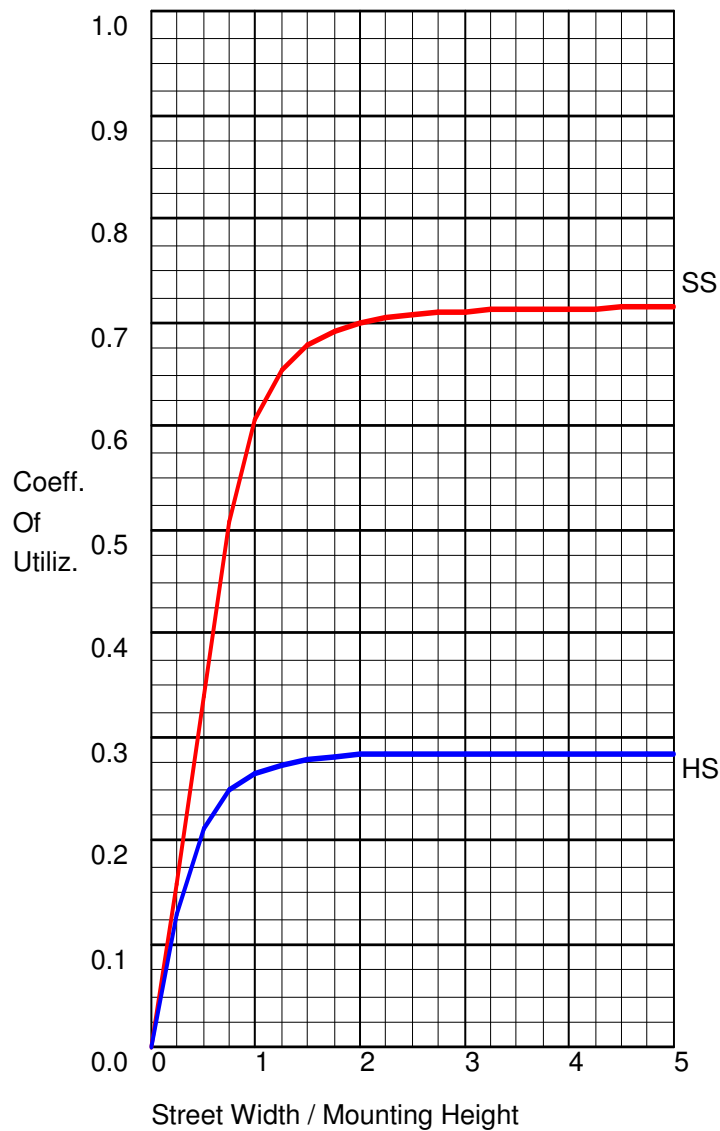
Horizontal Angles

| | <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 | 2583.400 | 2583.400 | 2583.400 | 2583.400 | 2583.400 | 2583.400 | 2583.400 | 2583.400 | 2583.400 |
| 2.5 | 2533.159 | 2539.218 | 2546.015 | 2545.720 | 2521.043 | 2512.472 | 2529.761 | 2543.503 | 2517.792 |
| 5.0 | 2497.695 | 2499.764 | 2504.493 | 2501.685 | 2469.620 | 2451.001 | 2461.049 | 2470.063 | 2449.967 |
| 7.5 | 2462.379 | 2462.675 | 2460.458 | 2443.317 | 2394.259 | 2359.091 | 2353.919 | 2354.214 | 2336.335 |
| 10.0 | 2415.685 | 2410.218 | 2400.465 | 2358.795 | 2288.902 | 2240.286 | 2234.819 | 2239.104 | 2222.407 |
| 12.5 | 2354.362 | 2343.280 | 2317.716 | 2250.778 | 2184.135 | 2165.664 | 2196.252 | 2220.486 | 2207.630 |
| 15.0 | 2283.877 | 2264.520 | 2224.328 | 2161.379 | 2143.352 | 2148.967 | 2148.080 | 2144.682 | 2133.451 |
| 17.5 | 2209.255 | 2184.726 | 2141.874 | 2121.778 | 2108.774 | 2048.633 | 2003.269 | 1978.444 | 1969.578 |
| 20.0 | 2136.259 | 2111.582 | 2085.132 | 2084.393 | 2000.905 | 1883.283 | 1789.599 | 1713.499 | 1708.475 |
| 22.5 | 2071.685 | 2055.726 | 2044.644 | 1997.802 | 1841.613 | 1614.496 | 1281.578 | 1040.571 | 1033.330 |
| 25.0 | 2022.035 | 2011.544 | 1993.960 | 1869.984 | 1597.355 | 1061.406 | 749.914 | 635.543 | 633.327 |
| 27.5 | 1980.956 | 1964.998 | 1923.327 | 1704.781 | 1171.344 | 661.698 | 479.354 | 416.258 | 414.485 |
| 30.0 | 1940.173 | 1915.496 | 1834.668 | 1451.214 | 748.585 | 444.925 | 358.629 | 341.340 | 342.818 |
| 32.5 | 1903.083 | 1862.891 | 1732.561 | 1127.458 | 514.079 | 348.138 | 323.017 | 316.811 | 319.028 |
| 35.0 | 1872.496 | 1807.774 | 1606.812 | 800.894 | 384.784 | 315.481 | 304.547 | 300.852 | 302.478 |
| 37.5 | 1837.771 | 1748.077 | 1446.781 | 563.286 | 327.303 | 297.306 | 290.361 | 288.440 | 288.440 |
| 40.0 | 1787.382 | 1665.918 | 1270.348 | 434.433 | 298.784 | 282.529 | 278.835 | 276.914 | 275.437 |
| 42.5 | 1722.365 | 1556.571 | 1095.836 | 360.402 | 279.722 | 270.265 | 268.048 | 265.684 | 262.433 |
| 45.0 | 1645.083 | 1437.767 | 925.313 | 316.663 | 265.980 | 260.955 | 258.000 | 254.454 | 250.907 |
| 47.5 | 1560.856 | 1324.726 | 771.636 | 287.997 | 254.306 | 251.203 | 247.361 | 243.371 | 239.529 |
| 50.0 | 1574.155 | 1300.049 | 717.997 | 273.959 | 243.667 | 238.938 | 233.914 | 230.811 | 227.265 |
| 52.5 | 1720.740 | 1380.286 | 691.399 | 261.842 | 235.687 | 224.162 | 221.354 | 220.320 | 217.512 |
| 55.0 | 1642.276 | 1228.087 | 551.908 | 249.873 | 226.230 | 212.340 | 209.828 | 212.340 | 210.272 |
| 57.5 | 1400.973 | 1013.382 | 447.437 | 235.983 | 213.079 | 200.962 | 198.894 | 203.770 | 202.440 |
| 60.0 | 1166.616 | 835.028 | 375.474 | 216.921 | 197.268 | 188.107 | 185.890 | 193.278 | 193.870 |
| 62.5 | 1004.073 | 717.701 | 328.041 | 193.131 | 176.433 | 169.488 | 157.667 | 163.873 | 166.828 |
| 65.0 | 897.238 | 630.076 | 284.007 | 166.237 | 149.540 | 121.464 | 97.674 | 85.409 | 88.217 |
| 67.5 | 834.585 | 578.062 | 250.021 | 135.650 | 101.663 | 59.254 | 34.873 | 21.722 | 24.973 |
| 70.0 | 717.406 | 526.196 | 224.014 | 89.103 | 44.330 | 14.186 | 4.285 | 3.546 | 3.399 |
| 72.5 | 452.904 | 328.928 | 147.175 | 44.182 | 8.570 | 2.955 | 2.660 | 2.660 | 2.660 |
| 75.0 | 182.935 | 129.148 | 69.894 | 7.388 | 2.512 | 1.773 | 1.330 | 1.182 | 1.330 |
| 77.5 | 61.619 | 47.285 | 15.811 | 2.216 | 1.330 | 0.739 | 0.443 | 0.443 | 0.443 |
| 80.0 | 16.698 | 9.014 | 2.660 | 1.182 | 0.591 | 0.296 | 0.296 | 0.296 | 0.296 |
| 82.5 | 4.285 | 2.660 | 1.330 | 0.591 | 0.443 | 0.296 | 0.296 | 0.296 | 0.296 |
| 85.0 | 1.625 | 1.330 | 0.887 | 0.443 | 0.296 | 0.296 | 0.148 | 0.296 | 0.296 |
| 87.5 | 1.034 | 0.887 | 0.739 | 0.443 | 0.296 | 0.296 | 0.148 | 0.296 | 0.296 |
| 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-L85-740-T2-XXX-CGL-DIM-UNV_.IES****CANDELA TABULATION - (Cont.)**

| | | | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 115.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 117.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 120.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 122.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 125.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 127.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 130.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 132.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 135.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 137.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 140.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 142.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 145.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 147.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 150.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 152.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 155.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 157.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 160.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 162.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 165.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 170.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 172.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 175.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 177.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 180.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

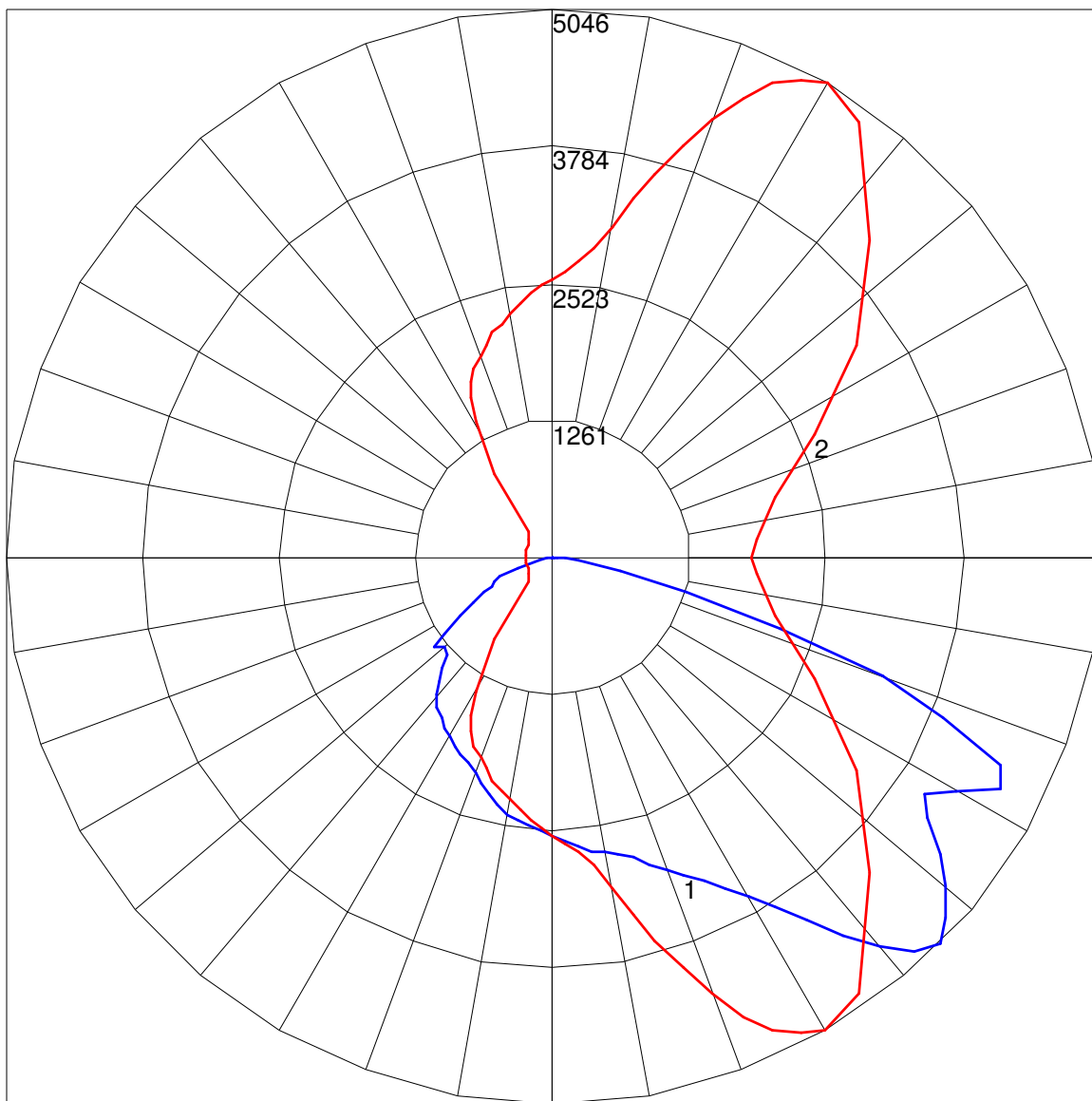
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

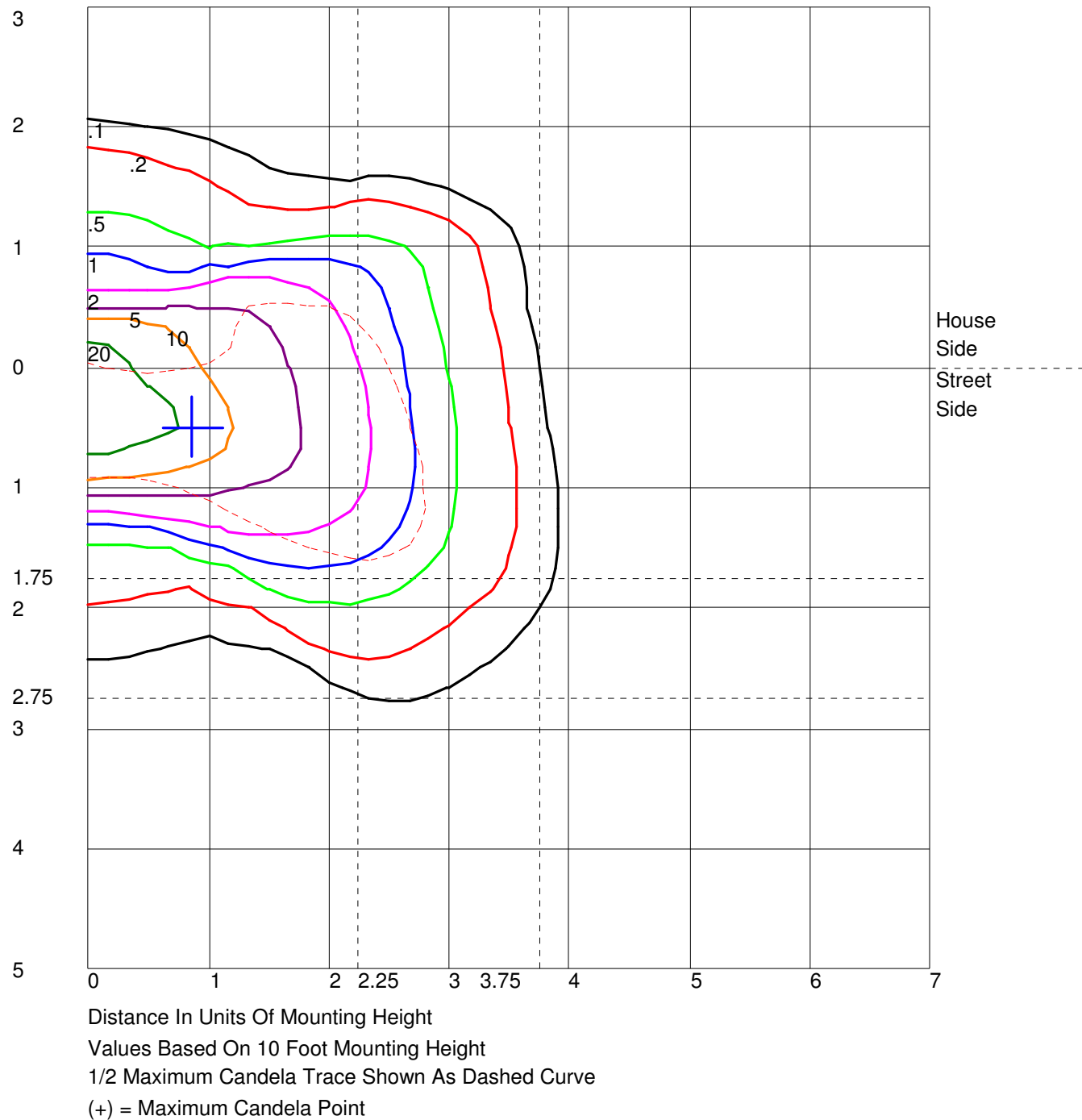
| | Lumens | Percent Of Luminaire |
|----------------------|--------|----------------------|
| Downward Street Side | 6396.5 | 71.6 |
| Downward House Side | 2535.0 | 28.4 |
| Downward Total | 8931.5 | 100.0 |
| Upward Street Side | 0.0 | 0.0 |
| Upward House Side | 0.0 | 0.0 |
| Upward Total | 0.0 | 0.0 |
| Total Flux | 8931.5 | 100.0 |

POLAR GRAPH

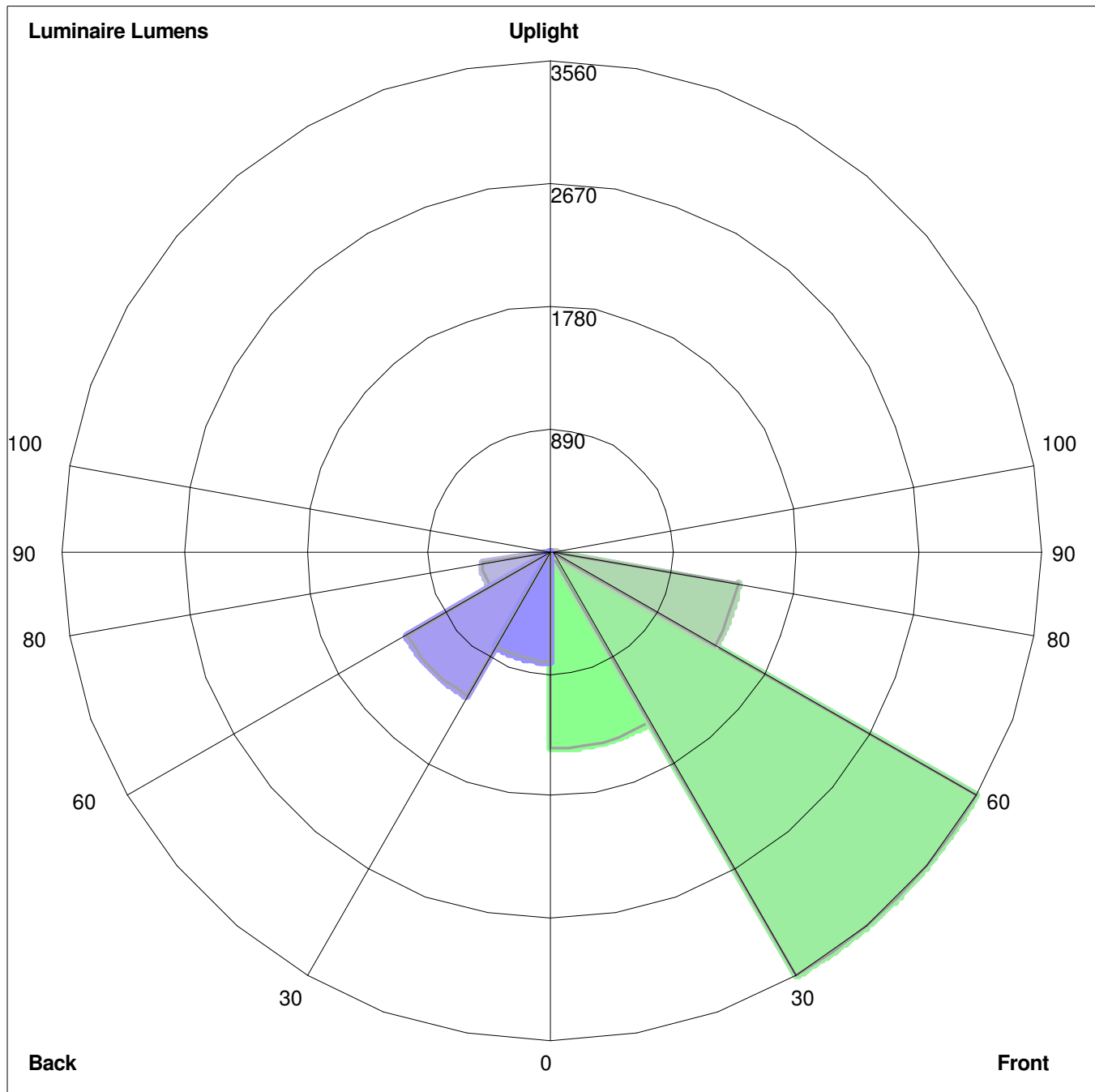


Maximum Candela = 5045.927 Located At Horizontal Angle = 60, Vertical Angle = 45
1 - Vertical Plane Through Horizontal Angles (60 - 240) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (45) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=1436.2, Medium=3560.3, High=1376.3, Very High=23.8
Back: Low=799.9, Medium=1217.1, High=514.9, Very High=3.1
Uplight: Low=0.0, High=0.0

BUG Rating : B2-U0-G2