

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: CORELITE

Report Number: P709357

Luminaire Tested: DL2W-WB-M-075U-100D-940-UNV-STD-W-WM-4

Issue Date: 3/5/2020

Test Information

Test Method: LM-79-2019
Report Number: P709357
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2303-941-3, G3-2104-222-7)
Test Lab: INNOVATION CENTER
Issue Date: 3/5/2020
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: DL2W-WB-M-075U-100D-940-UNV-STD-W-WM-4
Description: CORELITE DISCREET DL2W WALL MOUNT LED LUMINAIRE
DOWNLIGHT 1000 LUMENS PER FOOT
UPLIGHT 750 LUMENS PER FOOT
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7670.5 lumens
Efficiency: N/A
Efficacy: 124.3 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.24 / 1.18
Luminous Opening: Rectangular (W 4' x L: 0.17' x H: 0')
CIE Type: Semi-Direct

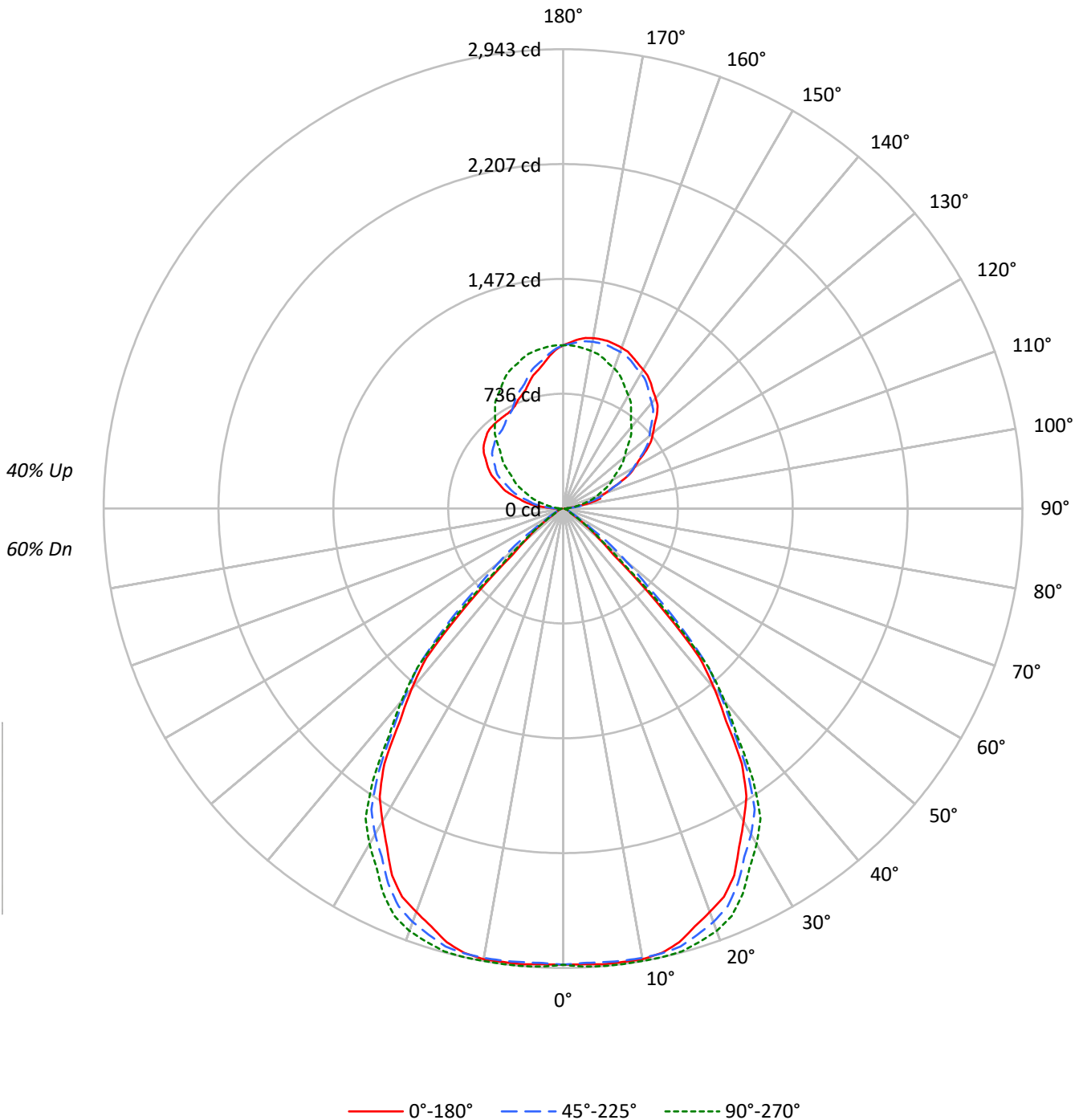
Input Watts (W): 61.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



TEST NUMBER: P709357

CATALOG NUMBER: DL2W-WB-M-075U-100D-940-UNV-STD-W-WM-4

Luminous Intensity Polar Plot



TEST NUMBER: P709357

CATALOG NUMBER: DL2W-WB-M-075U-100D-940-UNV-STD-W-WM-4

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|
| RF | 20 | | | | 20 | | | | 20 | | | | 20 | | | | 20 | |
| RC | 80 | | | | 70 | | | | 50 | | | | 30 | | | | 10 | 0 |
| RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 |
| RCR | | | | | | | | | | | | | | | | | | |
| 0 | 110 | 110 | 110 | 110 | 102 | 102 | 102 | 102 | 89 | 89 | 89 | 77 | 77 | 77 | 65 | 65 | 65 | 60 |
| 1 | 102 | 99 | 95 | 93 | 96 | 93 | 90 | 87 | 81 | 79 | 77 | 71 | 69 | 68 | 61 | 60 | 59 | 55 |
| 2 | 95 | 89 | 84 | 79 | 89 | 84 | 79 | 76 | 74 | 71 | 68 | 65 | 63 | 61 | 57 | 55 | 54 | 50 |
| 3 | 88 | 80 | 74 | 69 | 83 | 76 | 70 | 66 | 67 | 63 | 60 | 60 | 57 | 54 | 52 | 50 | 48 | 45 |
| 4 | 82 | 73 | 66 | 61 | 77 | 69 | 63 | 58 | 62 | 57 | 53 | 55 | 51 | 48 | 48 | 46 | 44 | 41 |
| 5 | 76 | 66 | 59 | 54 | 72 | 63 | 56 | 52 | 56 | 51 | 48 | 50 | 47 | 44 | 45 | 42 | 40 | 37 |
| 6 | 71 | 60 | 53 | 48 | 67 | 57 | 51 | 46 | 52 | 47 | 43 | 46 | 43 | 40 | 42 | 39 | 36 | 34 |
| 7 | 66 | 55 | 48 | 43 | 62 | 53 | 46 | 42 | 48 | 43 | 39 | 43 | 39 | 36 | 39 | 35 | 33 | 31 |
| 8 | 62 | 51 | 44 | 39 | 58 | 48 | 42 | 38 | 44 | 39 | 35 | 40 | 36 | 33 | 36 | 33 | 30 | 28 |
| 9 | 58 | 47 | 40 | 35 | 55 | 45 | 39 | 34 | 41 | 36 | 32 | 37 | 33 | 30 | 34 | 30 | 28 | 26 |
| 10 | 55 | 43 | 37 | 32 | 51 | 42 | 35 | 31 | 38 | 33 | 29 | 35 | 30 | 28 | 31 | 28 | 26 | 24 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 45° | 90° | 135° | 180° |
|-----|-------|-------|-------|-------|-------|
| 0° | 47180 | 47180 | 47180 | 47180 | 47180 |
| 5° | 47496 | 47285 | 47686 | 47285 | 47496 |
| 10° | 48063 | 47909 | 48237 | 47909 | 48063 |
| 15° | 48084 | 48563 | 49091 | 48563 | 48084 |
| 20° | 47245 | 48426 | 49462 | 48426 | 47245 |
| 25° | 46198 | 47227 | 48515 | 47227 | 46198 |
| 30° | 43121 | 44909 | 46236 | 44909 | 43121 |
| 35° | 39356 | 40628 | 41837 | 40628 | 39356 |
| 40° | 31809 | 33312 | 33970 | 33312 | 31809 |
| 45° | 19559 | 24077 | 21758 | 24077 | 19559 |
| 50° | 7676 | 13366 | 8528 | 13366 | 7676 |
| 55° | 4020 | 6086 | 4020 | 6086 | 4020 |
| 60° | 1741 | 2990 | 1912 | 2990 | 1741 |
| 65° | 1616 | 1805 | 1738 | 1805 | 1616 |
| 70° | 1548 | 1704 | 1648 | 1704 | 1548 |
| 75° | 1516 | 1650 | 1647 | 1650 | 1516 |
| 80° | 1478 | 1585 | 1571 | 1585 | 1478 |
| 85° | 1371 | 1389 | 1371 | 1389 | 1371 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 60°
 Vertical Angle: 45°
 Luminance: 24318 cd/sqm

TEST NUMBER: P709357

CATALOG NUMBER: DL2W-WB-M-075U-100D-940-UNV-STD-W-WM-4

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 279.9 | 3.6 |
| 10°-20° | 820.3 | 10.7 |
| 20°-30° | 1217.5 | 15.9 |
| 30°-40° | 1264.6 | 16.5 |
| 40°-50° | 761.0 | 9.9 |
| 50°-60° | 182.3 | 2.4 |
| 60°-70° | 49.4 | 0.6 |
| 70°-80° | 27.8 | 0.4 |
| 80°-90° | 13.0 | 0.2 |
| 90°-100° | 83.3 | 1.1 |
| 100°-110° | 242.8 | 3.2 |
| 110°-120° | 396.3 | 5.2 |
| 120°-130° | 502.8 | 6.6 |
| 130°-140° | 538.1 | 7.0 |
| 140°-150° | 502.4 | 6.6 |
| 150°-160° | 413.4 | 5.4 |
| 160°-170° | 277.3 | 3.6 |
| 170°-180° | 98.4 | 1.3 |
| 0°-30° | 2317.7 | 30.2 |
| 0°-40° | 3582.3 | 46.7 |
| 0°-60° | 4525.5 | 59.0 |
| 0°-90° | 4615.7 | 60.2 |
| 90°-120° | 722.4 | 9.4 |
| 90°-150° | 2265.7 | 29.5 |
| 90°-180° | 3055.0 | 39.8 |
| 0°-180° | 7670.5 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|------|------|------|------|------|------|------|
| 0° | 2922 | 2922 | 2922 | 2922 | 2922 | |
| 5° | 2930 | 2918 | 2942 | 2918 | 2930 | 280 |
| 15° | 2877 | 2905 | 2937 | 2905 | 2877 | 808 |
| 25° | 2593 | 2651 | 2723 | 2651 | 2593 | 1181 |
| 35° | 1997 | 2061 | 2123 | 2061 | 1997 | 1216 |
| 45° | 857 | 1054 | 953 | 1054 | 857 | 663 |
| 55° | 143 | 216 | 143 | 216 | 143 | 140 |
| 65° | 42 | 47 | 46 | 47 | 42 | 42 |
| 75° | 24 | 26 | 26 | 26 | 24 | 26 |
| 85° | 7 | 8 | 7 | 8 | 7 | 9 |
| 90° | 23 | 21 | 3 | 28 | 45 | 11 |
| 95° | 24 | 32 | 33 | 106 | 143 | 41 |
| 105° | 247 | 186 | 154 | 276 | 340 | 231 |
| 115° | 410 | 411 | 296 | 439 | 505 | 405 |
| 125° | 650 | 629 | 438 | 547 | 619 | 576 |
| 135° | 851 | 810 | 595 | 615 | 686 | 652 |
| 145° | 981 | 947 | 760 | 654 | 701 | 613 |
| 155° | 1065 | 1039 | 902 | 742 | 727 | 492 |
| 165° | 1111 | 1084 | 998 | 872 | 837 | 314 |
| 175° | 1088 | 1071 | 1043 | 997 | 982 | 104 |
| 180° | 1046 | 1046 | 1046 | 1046 | 1046 | |

TEST NUMBER: P709357

CATALOG NUMBER: DL2W-WB-M-075U-100D-940-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (FULL):

| | 0° | 10° | 20° | 30° | 40° | 50° | 60° | 70° | 80° | 90° | 100° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2922.1 | 2922.1 | 2922.1 | 2922.1 | 2922.1 | 2922.1 | 2922.1 | 2922.1 | 2922.1 | 2922.1 | 2922.1 |
| 2.5° | 2922.1 | 2926.6 | 2931.1 | 2924.3 | 2913.8 | 2913.3 | 2922.7 | 2930.5 | 2933.5 | 2936.5 | 2933.5 |
| 5° | 2930.5 | 2935.7 | 2940.9 | 2932.0 | 2918.3 | 2916.7 | 2927.0 | 2935.6 | 2938.9 | 2942.2 | 2938.9 |
| 7.5° | 2929.9 | 2935.6 | 2941.4 | 2933.8 | 2921.8 | 2921.9 | 2934.2 | 2943.4 | 2943.2 | 2943.0 | 2943.2 |
| 10° | 2931.6 | 2935.8 | 2940.1 | 2932.7 | 2921.4 | 2923.0 | 2937.6 | 2947.8 | 2945.0 | 2942.2 | 2945.0 |
| 12.5° | 2916.4 | 2922.9 | 2929.3 | 2924.8 | 2916.5 | 2921.5 | 2939.9 | 2952.4 | 2947.7 | 2943.0 | 2947.7 |
| 15° | 2876.6 | 2886.0 | 2895.4 | 2898.1 | 2898.6 | 2912.0 | 2938.3 | 2955.7 | 2946.3 | 2936.9 | 2946.3 |
| 17.5° | 2807.2 | 2818.3 | 2829.4 | 2840.2 | 2850.8 | 2873.9 | 2909.5 | 2933.3 | 2921.7 | 2910.0 | 2921.7 |
| 20° | 2749.7 | 2761.9 | 2774.1 | 2788.8 | 2804.3 | 2832.5 | 2873.4 | 2901.3 | 2890.0 | 2878.7 | 2890.0 |
| 22.5° | 2692.2 | 2701.0 | 2709.8 | 2724.5 | 2741.2 | 2772.0 | 2817.0 | 2847.9 | 2836.2 | 2824.6 | 2836.2 |
| 25° | 2593.2 | 2600.2 | 2607.3 | 2620.7 | 2636.2 | 2665.8 | 2709.5 | 2740.2 | 2731.7 | 2723.3 | 2731.7 |
| 27.5° | 2443.2 | 2455.2 | 2467.3 | 2483.8 | 2501.7 | 2529.7 | 2567.7 | 2595.5 | 2592.7 | 2590.0 | 2592.7 |
| 30° | 2312.9 | 2333.6 | 2354.3 | 2374.6 | 2394.8 | 2422.8 | 2458.5 | 2484.7 | 2482.4 | 2480.0 | 2482.4 |
| 32.5° | 2186.0 | 2207.4 | 2228.9 | 2250.8 | 2272.9 | 2297.5 | 2324.6 | 2345.9 | 2349.9 | 2354.0 | 2349.9 |
| 35° | 1996.7 | 2007.0 | 2017.4 | 2033.7 | 2052.1 | 2070.4 | 2088.7 | 2104.7 | 2113.6 | 2122.6 | 2113.6 |
| 37.5° | 1716.4 | 1728.9 | 1741.3 | 1760.9 | 1782.9 | 1800.6 | 1814.0 | 1824.7 | 1826.9 | 1829.2 | 1826.9 |
| 40° | 1509.2 | 1524.2 | 1539.2 | 1555.0 | 1571.0 | 1590.0 | 1612.1 | 1626.8 | 1619.3 | 1611.7 | 1619.3 |
| 42.5° | 1296.8 | 1309.6 | 1322.4 | 1342.6 | 1365.4 | 1386.5 | 1405.9 | 1415.9 | 1397.5 | 1379.1 | 1397.5 |
| 45° | 856.6 | 925.3 | 993.9 | 1026.9 | 1048.1 | 1060.8 | 1065.0 | 1055.3 | 1004.1 | 952.9 | 1004.1 |
| 47.5° | 439.3 | 509.5 | 579.8 | 650.6 | 721.5 | 738.8 | 702.3 | 658.8 | 594.3 | 529.8 | 594.3 |
| 50° | 305.6 | 329.6 | 353.6 | 429.7 | 523.3 | 540.9 | 482.6 | 427.8 | 383.7 | 339.5 | 383.7 |
| 52.5° | 225.3 | 238.3 | 251.4 | 310.2 | 384.1 | 392.5 | 335.4 | 286.5 | 262.2 | 238.0 | 262.2 |
| 55° | 142.8 | 148.4 | 154.1 | 181.2 | 215.5 | 216.9 | 185.4 | 159.7 | 151.2 | 142.8 | 151.2 |
| 57.5° | 84.4 | 93.3 | 102.3 | 113.7 | 126.0 | 126.1 | 113.9 | 102.7 | 94.5 | 86.3 | 94.5 |
| 60° | 53.9 | 61.0 | 68.0 | 79.3 | 92.0 | 93.2 | 82.8 | 73.3 | 66.3 | 59.2 | 66.3 |
| 62.5° | 48.9 | 51.4 | 53.9 | 61.8 | 71.5 | 72.1 | 63.7 | 56.7 | 54.1 | 51.6 | 54.1 |
| 65° | 42.3 | 43.7 | 45.1 | 46.2 | 47.1 | 47.4 | 46.9 | 46.4 | 45.9 | 45.5 | 45.9 |
| 67.5° | 37.0 | 38.0 | 39.1 | 39.6 | 40.0 | 40.4 | 40.9 | 41.0 | 40.1 | 39.1 | 40.1 |
| 70° | 32.8 | 34.2 | 35.6 | 36.0 | 36.0 | 36.2 | 36.7 | 36.8 | 35.8 | 34.9 | 35.8 |
| 72.5° | 29.4 | 30.4 | 31.5 | 32.0 | 32.4 | 32.8 | 33.3 | 33.4 | 32.5 | 31.5 | 32.5 |
| 75° | 24.3 | 24.8 | 25.3 | 25.7 | 26.2 | 26.7 | 27.1 | 27.4 | 26.9 | 26.4 | 26.9 |
| 77.5° | 19.2 | 19.7 | 20.2 | 20.6 | 21.0 | 21.2 | 21.3 | 21.2 | 20.8 | 20.3 | 20.8 |
| 80° | 15.9 | 16.3 | 16.8 | 16.9 | 16.9 | 17.2 | 17.6 | 17.9 | 17.4 | 16.9 | 17.4 |
| 82.5° | 12.5 | 12.6 | 12.7 | 13.0 | 13.3 | 13.6 | 13.7 | 13.7 | 13.6 | 13.5 | 13.6 |
| 85° | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.6 | 8.1 | 8.3 | 7.9 | 7.4 | 7.9 |
| 87.5° | 7.2 | 7.2 | 7.0 | 6.8 | 6.8 | 6.6 | 5.9 | 5.1 | 4.0 | 3.2 | 4.0 |
| 90° | 23.2 | 23.2 | 22.2 | 21.1 | 21.1 | 20.1 | 16.9 | 12.7 | 7.4 | 3.2 | 7.4 |
| 92.5° | 27.5 | 27.5 | 26.4 | 26.2 | 24.5 | 22.6 | 18.6 | 18.6 | 18.4 | 11.6 | 20.1 |
| 95° | 24.3 | 24.3 | 24.3 | 24.3 | 28.5 | 35.9 | 52.8 | 53.9 | 35.9 | 32.8 | 46.5 |
| 97.5° | 55.6 | 58.8 | 65.7 | 78.2 | 96.0 | 99.3 | 94.1 | 70.2 | 67.2 | 62.6 | 85.2 |
| 100° | 113.1 | 116.2 | 121.5 | 137.4 | 150.1 | 124.7 | 98.3 | 97.2 | 90.9 | 88.8 | 113.1 |
| 102.5° | 185.8 | 186.4 | 190.0 | 194.9 | 150.9 | 136.5 | 130.4 | 126.0 | 116.2 | 115.0 | 139.3 |
| 105° | 247.3 | 239.9 | 206.1 | 184.9 | 186.0 | 186.0 | 181.8 | 173.3 | 155.4 | 154.3 | 181.8 |
| 107.5° | 242.0 | 241.2 | 242.4 | 245.6 | 251.1 | 249.8 | 245.0 | 222.4 | 201.2 | 196.4 | 221.1 |
| 110° | 288.5 | 288.5 | 290.6 | 293.8 | 295.9 | 293.8 | 286.4 | 257.9 | 232.5 | 225.1 | 247.3 |

TEST NUMBER: P709357

CATALOG NUMBER: DL2W-WB-M-075U-100D-940-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 0° | 10° | 20° | 30° | 40° | 50° | 60° | 70° | 80° | 90° | 100° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 336.7 | 335.0 | 337.1 | 339.4 | 344.1 | 337.8 | 325.3 | 292.5 | 263.8 | 253.0 | 275.2 |
| 115° | 410.0 | 410.0 | 411.1 | 411.1 | 412.2 | 409.0 | 383.6 | 349.8 | 311.8 | 295.9 | 314.9 |
| 117.5° | 484.7 | 482.5 | 483.8 | 485.1 | 480.9 | 472.4 | 443.0 | 403.7 | 361.0 | 335.6 | 350.7 |
| 120° | 529.5 | 531.6 | 529.5 | 531.6 | 527.4 | 514.7 | 486.1 | 441.7 | 393.1 | 363.5 | 375.2 |
| 122.5° | 576.0 | 577.2 | 576.8 | 576.4 | 571.3 | 556.9 | 523.3 | 477.3 | 429.5 | 393.1 | 398.0 |
| 125° | 649.9 | 644.7 | 642.5 | 641.5 | 637.3 | 620.4 | 585.5 | 537.9 | 481.9 | 437.5 | 431.2 |
| 127.5° | 711.9 | 709.5 | 705.1 | 702.8 | 696.2 | 675.7 | 640.0 | 594.1 | 532.6 | 482.3 | 468.2 |
| 130° | 752.5 | 753.5 | 748.2 | 745.1 | 733.4 | 711.2 | 676.4 | 633.0 | 570.7 | 513.6 | 493.5 |
| 132.5° | 793.0 | 791.6 | 789.7 | 780.6 | 770.6 | 746.7 | 714.4 | 669.4 | 606.2 | 546.6 | 518.9 |
| 135° | 850.7 | 847.6 | 842.3 | 833.8 | 821.1 | 797.9 | 767.2 | 722.9 | 659.5 | 595.0 | 556.9 |
| 137.5° | 896.6 | 894.1 | 888.6 | 879.7 | 865.3 | 845.2 | 814.4 | 774.9 | 714.0 | 645.9 | 597.9 |
| 140° | 923.7 | 923.7 | 917.3 | 906.7 | 894.1 | 874.0 | 846.5 | 805.3 | 746.1 | 680.6 | 626.7 |
| 142.5° | 948.2 | 948.2 | 941.0 | 933.0 | 919.4 | 901.0 | 876.9 | 835.7 | 778.2 | 713.6 | 656.3 |
| 145° | 980.7 | 980.7 | 976.5 | 970.2 | 955.4 | 938.5 | 918.4 | 877.2 | 824.3 | 759.9 | 702.8 |
| 147.5° | 1009.5 | 1011.8 | 1006.5 | 1001.4 | 989.8 | 969.9 | 953.0 | 913.5 | 865.3 | 808.3 | 749.7 |
| 150° | 1027.2 | 1030.4 | 1025.1 | 1020.9 | 1009.3 | 990.2 | 973.3 | 936.3 | 889.8 | 837.0 | 781.0 |
| 152.5° | 1044.1 | 1046.5 | 1042.9 | 1038.6 | 1025.3 | 1006.3 | 991.9 | 957.5 | 915.2 | 864.9 | 808.0 |
| 155° | 1065.3 | 1070.6 | 1066.3 | 1061.0 | 1048.4 | 1030.4 | 1017.7 | 986.0 | 946.9 | 902.5 | 853.9 |
| 157.5° | 1086.8 | 1089.2 | 1084.9 | 1078.4 | 1066.5 | 1051.1 | 1037.6 | 1008.4 | 974.4 | 936.1 | 893.6 |
| 160° | 1097.0 | 1100.1 | 1095.9 | 1088.5 | 1075.8 | 1062.1 | 1049.4 | 1021.9 | 991.3 | 956.4 | 917.3 |
| 162.5° | 1103.7 | 1107.8 | 1103.5 | 1097.0 | 1081.8 | 1069.7 | 1058.7 | 1033.8 | 1004.8 | 973.3 | 938.5 |
| 165° | 1110.7 | 1114.9 | 1111.8 | 1104.4 | 1088.5 | 1079.0 | 1069.5 | 1048.4 | 1023.0 | 997.6 | 968.0 |
| 167.5° | 1111.1 | 1116.4 | 1112.4 | 1106.3 | 1090.4 | 1081.1 | 1074.1 | 1056.0 | 1035.5 | 1016.0 | 993.0 |
| 170° | 1108.6 | 1113.9 | 1110.7 | 1105.4 | 1089.6 | 1081.1 | 1075.8 | 1061.0 | 1043.1 | 1026.2 | 1008.2 |
| 172.5° | 1102.7 | 1107.1 | 1104.8 | 1099.5 | 1084.5 | 1077.7 | 1075.0 | 1061.9 | 1047.3 | 1034.6 | 1019.2 |
| 175° | 1087.5 | 1093.8 | 1089.6 | 1085.4 | 1072.7 | 1068.4 | 1069.5 | 1061.0 | 1050.5 | 1043.1 | 1033.6 |
| 177.5° | 1064.8 | 1068.2 | 1067.4 | 1064.8 | 1055.5 | 1055.5 | 1058.9 | 1053.9 | 1050.5 | 1047.1 | 1042.9 |
| 180° | 1046.2 | 1046.2 | 1046.2 | 1046.2 | 1046.2 | 1046.2 | 1046.2 | 1046.2 | 1046.2 | 1046.2 | 1046.2 |

TEST NUMBER: P709357

CATALOG NUMBER: DL2W-WB-M-075U-100D-940-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 110° | 120° | 130° | 140° | 150° | 160° | 170° | 180° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2922.1 | 2922.1 | 2922.1 | 2922.1 | 2922.1 | 2922.1 | 2922.1 | 2922.1 |
| 2.5° | 2930.5 | 2922.7 | 2913.3 | 2913.8 | 2924.3 | 2931.1 | 2926.6 | 2922.1 |
| 5° | 2935.6 | 2927.0 | 2916.7 | 2918.3 | 2932.0 | 2940.9 | 2935.7 | 2930.5 |
| 7.5° | 2943.4 | 2934.2 | 2921.9 | 2921.8 | 2933.8 | 2941.4 | 2935.6 | 2929.9 |
| 10° | 2947.8 | 2937.6 | 2923.0 | 2921.4 | 2932.7 | 2940.1 | 2935.8 | 2931.6 |
| 12.5° | 2952.4 | 2939.9 | 2921.5 | 2916.5 | 2924.8 | 2929.3 | 2922.9 | 2916.4 |
| 15° | 2955.7 | 2938.3 | 2912.0 | 2898.6 | 2898.1 | 2895.4 | 2886.0 | 2876.6 |
| 17.5° | 2933.3 | 2909.5 | 2873.9 | 2850.8 | 2840.2 | 2829.4 | 2818.3 | 2807.2 |
| 20° | 2901.3 | 2873.4 | 2832.5 | 2804.3 | 2788.8 | 2774.1 | 2761.9 | 2749.7 |
| 22.5° | 2847.9 | 2817.0 | 2772.0 | 2741.2 | 2724.5 | 2709.8 | 2701.0 | 2692.2 |
| 25° | 2740.2 | 2709.5 | 2665.8 | 2636.2 | 2620.7 | 2607.3 | 2600.2 | 2593.2 |
| 27.5° | 2595.5 | 2567.7 | 2529.7 | 2501.7 | 2483.8 | 2467.3 | 2455.2 | 2443.2 |
| 30° | 2484.7 | 2458.5 | 2422.8 | 2394.8 | 2374.6 | 2354.3 | 2333.6 | 2312.9 |
| 32.5° | 2345.9 | 2324.6 | 2297.5 | 2272.9 | 2250.8 | 2228.9 | 2207.4 | 2186.0 |
| 35° | 2104.7 | 2088.7 | 2070.4 | 2052.1 | 2033.7 | 2017.4 | 2007.0 | 1996.7 |
| 37.5° | 1824.7 | 1814.0 | 1800.6 | 1782.9 | 1760.9 | 1741.3 | 1728.9 | 1716.4 |
| 40° | 1626.8 | 1612.1 | 1590.0 | 1571.0 | 1555.0 | 1539.2 | 1524.2 | 1509.2 |
| 42.5° | 1415.9 | 1405.9 | 1386.5 | 1365.4 | 1342.6 | 1322.4 | 1309.6 | 1296.8 |
| 45° | 1055.3 | 1065.0 | 1060.8 | 1048.1 | 1026.9 | 993.9 | 925.3 | 856.6 |
| 47.5° | 658.8 | 702.3 | 738.8 | 721.5 | 650.6 | 579.8 | 509.5 | 439.3 |
| 50° | 427.8 | 482.6 | 540.9 | 523.3 | 429.7 | 353.6 | 329.6 | 305.6 |
| 52.5° | 286.5 | 335.4 | 392.5 | 384.1 | 310.2 | 251.4 | 238.3 | 225.3 |
| 55° | 159.7 | 185.4 | 216.9 | 215.5 | 181.2 | 154.1 | 148.4 | 142.8 |
| 57.5° | 102.7 | 113.9 | 126.1 | 126.0 | 113.7 | 102.3 | 93.3 | 84.4 |
| 60° | 73.3 | 82.8 | 93.2 | 92.0 | 79.3 | 68.0 | 61.0 | 53.9 |
| 62.5° | 56.7 | 63.7 | 72.1 | 71.5 | 61.8 | 53.9 | 51.4 | 48.9 |
| 65° | 46.4 | 46.9 | 47.4 | 47.1 | 46.2 | 45.1 | 43.7 | 42.3 |
| 67.5° | 41.0 | 40.9 | 40.4 | 40.0 | 39.6 | 39.1 | 38.0 | 37.0 |
| 70° | 36.8 | 36.7 | 36.2 | 36.0 | 36.0 | 35.6 | 34.2 | 32.8 |
| 72.5° | 33.4 | 33.3 | 32.8 | 32.4 | 32.0 | 31.5 | 30.4 | 29.4 |
| 75° | 27.4 | 27.1 | 26.7 | 26.2 | 25.7 | 25.3 | 24.8 | 24.3 |
| 77.5° | 21.2 | 21.3 | 21.2 | 21.0 | 20.6 | 20.2 | 19.7 | 19.2 |
| 80° | 17.9 | 17.6 | 17.2 | 16.9 | 16.9 | 16.8 | 16.3 | 15.9 |
| 82.5° | 13.7 | 13.7 | 13.6 | 13.3 | 13.0 | 12.7 | 12.6 | 12.5 |
| 85° | 8.3 | 8.1 | 7.6 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 |
| 87.5° | 4.9 | 6.3 | 7.4 | 8.9 | 10.4 | 11.2 | 12.0 | 11.6 |
| 90° | 11.6 | 19.0 | 24.3 | 31.7 | 39.1 | 43.3 | 47.6 | 45.4 |
| 92.5° | 28.5 | 41.0 | 48.8 | 61.3 | 70.4 | 78.0 | 81.4 | 81.0 |
| 95° | 65.5 | 82.4 | 98.3 | 113.1 | 127.9 | 138.4 | 144.8 | 142.7 |
| 97.5° | 104.0 | 131.3 | 151.5 | 171.4 | 187.9 | 197.8 | 204.2 | 208.4 |
| 100° | 131.0 | 157.5 | 187.1 | 206.1 | 225.1 | 236.7 | 247.3 | 251.5 |
| 102.5° | 164.0 | 186.2 | 215.8 | 240.7 | 261.5 | 273.9 | 282.8 | 287.0 |
| 105° | 210.3 | 237.8 | 263.1 | 289.6 | 311.8 | 327.6 | 337.1 | 340.3 |
| 107.5° | 255.3 | 285.6 | 310.5 | 337.8 | 358.3 | 375.8 | 387.4 | 394.2 |
| 110° | 283.2 | 316.0 | 347.7 | 369.9 | 392.1 | 407.9 | 419.6 | 423.8 |

TEST NUMBER: P709357

CATALOG NUMBER: DL2W-WB-M-075U-100D-940-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 110° | 120° | 130° | 140° | 150° | 160° | 170° | 180° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 312.0 | 345.6 | 379.0 | 403.7 | 425.9 | 441.7 | 455.1 | 461.0 |
| 115° | 348.7 | 385.7 | 422.7 | 455.5 | 475.6 | 490.4 | 499.9 | 505.2 |
| 117.5° | 386.4 | 424.4 | 459.1 | 493.3 | 515.3 | 526.7 | 531.2 | 535.0 |
| 120° | 410.0 | 448.1 | 481.9 | 513.6 | 539.0 | 553.8 | 559.1 | 561.2 |
| 122.5° | 430.3 | 467.5 | 503.0 | 533.1 | 557.6 | 575.8 | 584.4 | 586.5 |
| 125° | 458.7 | 496.7 | 532.6 | 561.2 | 586.5 | 604.5 | 614.0 | 619.3 |
| 127.5° | 485.5 | 520.4 | 558.4 | 589.3 | 612.5 | 628.8 | 638.1 | 642.3 |
| 130° | 504.1 | 534.7 | 572.8 | 604.5 | 627.7 | 645.7 | 654.2 | 658.4 |
| 132.5° | 523.5 | 547.4 | 583.8 | 617.2 | 641.3 | 657.6 | 666.9 | 671.1 |
| 135° | 552.7 | 566.5 | 597.1 | 632.0 | 657.3 | 673.2 | 681.6 | 685.9 |
| 137.5° | 583.8 | 589.1 | 608.7 | 640.4 | 666.9 | 683.5 | 691.2 | 693.9 |
| 140° | 606.6 | 603.4 | 617.2 | 644.7 | 671.1 | 686.9 | 695.4 | 696.4 |
| 142.5° | 630.3 | 622.9 | 628.2 | 649.7 | 672.8 | 688.6 | 697.1 | 699.0 |
| 145° | 669.0 | 653.1 | 647.8 | 660.5 | 676.4 | 691.2 | 698.6 | 700.7 |
| 147.5° | 707.9 | 687.4 | 672.6 | 676.6 | 684.8 | 694.5 | 701.7 | 703.2 |
| 150° | 736.6 | 710.2 | 691.2 | 690.1 | 693.3 | 699.6 | 706.0 | 704.9 |
| 152.5° | 763.7 | 736.4 | 712.3 | 706.2 | 706.0 | 708.9 | 711.9 | 711.7 |
| 155° | 807.4 | 776.8 | 748.2 | 736.6 | 730.3 | 728.1 | 728.1 | 727.1 |
| 157.5° | 849.3 | 818.0 | 787.8 | 771.5 | 762.0 | 756.9 | 755.4 | 753.1 |
| 160° | 877.2 | 843.3 | 814.8 | 796.8 | 787.3 | 778.9 | 775.7 | 772.5 |
| 162.5° | 903.4 | 872.1 | 840.2 | 823.0 | 812.7 | 805.1 | 801.9 | 797.1 |
| 165° | 939.5 | 914.1 | 881.4 | 863.4 | 851.8 | 845.5 | 841.2 | 837.0 |
| 167.5° | 970.6 | 949.4 | 922.6 | 902.9 | 895.3 | 888.1 | 884.1 | 876.5 |
| 170° | 989.2 | 972.3 | 948.0 | 930.0 | 925.8 | 919.4 | 912.0 | 903.6 |
| 172.5° | 1005.2 | 991.7 | 969.9 | 957.9 | 953.7 | 947.3 | 945.0 | 938.2 |
| 175° | 1025.1 | 1017.7 | 1001.9 | 992.4 | 992.4 | 991.3 | 988.1 | 981.8 |
| 177.5° | 1040.3 | 1037.8 | 1028.5 | 1023.4 | 1026.8 | 1026.8 | 1026.0 | 1020.0 |
| 180° | 1046.2 | 1046.2 | 1046.2 | 1046.2 | 1046.2 | 1046.2 | 1046.2 | 1046.2 |

(END OF REPORT)