

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: NEO-RAY

Report Number: P332205

Luminaire Tested: **S123DIW-S1000D1535U835-4F0-1E-UDD-A1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P332205
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-9,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S123DIW-S1000D1535U835-4F0-1E-UDD-A1
Description: DEFINE 3 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE
DOWNLIGHT 1000 LUMENS PER FOOT, ASYMMETRIC DIFFUSER
UPLIGHT 1535 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9563.4 lumens
Efficiency: N/A
Efficacy: 124.8 lumens/watt
Spacing Criteria (0/90/45): 1.37 / 1.23 / 1.49
Luminous Opening: Rectangular (W 4' x L: 0.25' x H: 0')
CIE Type: General Diffuse

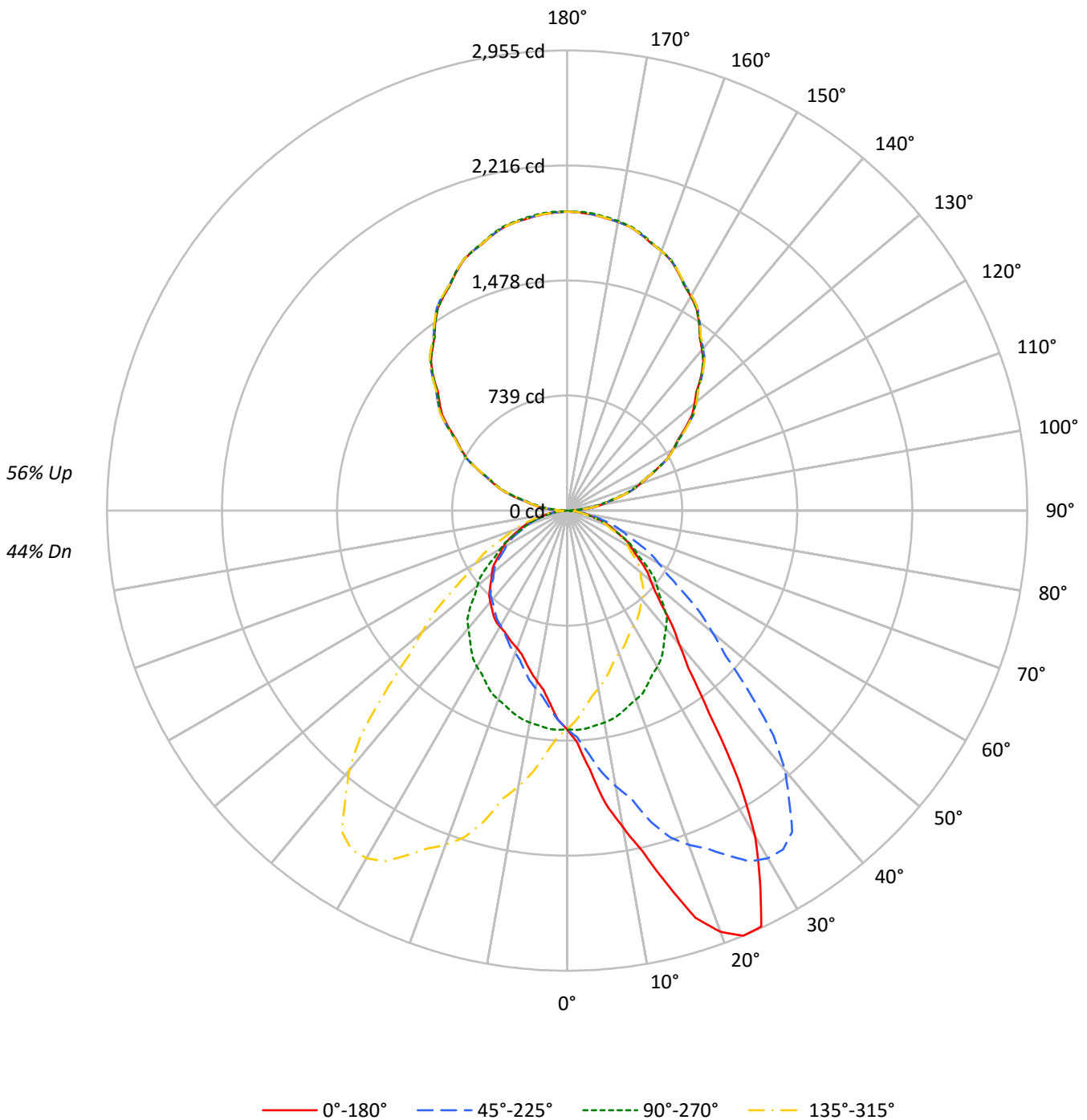
Input Watts (W): 76.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P332205

CATALOG NUMBER: S123DIW-S1000D1535U835-4F0-1E-UDD-A1

Luminous Intensity Polar Plot





TEST NUMBER: P332205

CATALOG NUMBER: S123DIW-S1000D1535U835-4F0-1E-UDD-A1

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 | 50 | 30 | 10 | 0 | |
| RCR | | | | | | | | | | | | | | | | | | | | | | |
| 0 | 106 | 106 | 106 | 106 | 97 | 97 | 97 | 97 | 80 | 80 | 80 | 65 | 65 | 65 | 51 | 51 | 51 | 44 | | | | |
| 1 | 97 | 93 | 89 | 85 | 88 | 85 | 82 | 79 | 71 | 68 | 66 | 58 | 56 | 55 | 45 | 44 | 43 | 38 | | | | |
| 2 | 88 | 81 | 75 | 70 | 81 | 74 | 69 | 65 | 62 | 58 | 55 | 51 | 48 | 46 | 40 | 38 | 37 | 32 | | | | |
| 3 | 81 | 71 | 64 | 59 | 74 | 66 | 60 | 55 | 55 | 50 | 47 | 45 | 42 | 39 | 36 | 34 | 32 | 27 | | | | |
| 4 | 74 | 63 | 56 | 50 | 67 | 58 | 52 | 46 | 49 | 44 | 40 | 40 | 37 | 34 | 32 | 30 | 27 | 24 | | | | |
| 5 | 68 | 56 | 48 | 43 | 62 | 52 | 45 | 40 | 44 | 39 | 34 | 36 | 32 | 29 | 29 | 26 | 24 | 21 | | | | |
| 6 | 62 | 51 | 43 | 37 | 57 | 47 | 40 | 35 | 39 | 34 | 30 | 33 | 29 | 26 | 26 | 23 | 21 | 18 | | | | |
| 7 | 58 | 46 | 38 | 32 | 53 | 42 | 35 | 30 | 36 | 30 | 26 | 30 | 26 | 23 | 24 | 21 | 19 | 16 | | | | |
| 8 | 54 | 41 | 34 | 29 | 49 | 38 | 32 | 27 | 33 | 27 | 24 | 27 | 23 | 20 | 22 | 19 | 17 | 14 | | | | |
| 9 | 50 | 38 | 30 | 25 | 46 | 35 | 28 | 24 | 30 | 25 | 21 | 25 | 21 | 18 | 20 | 17 | 15 | 13 | | | | |
| 10 | 47 | 35 | 28 | 23 | 43 | 32 | 26 | 21 | 27 | 22 | 19 | 23 | 19 | 16 | 19 | 16 | 14 | 12 | | | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 15118 | 15118 | 15118 | 15118 |
| 5° | 18029 | 15183 | 13456 | 15183 |
| 10° | 22566 | 15106 | 12153 | 15106 |
| 15° | 27679 | 14985 | 11314 | 14985 |
| 20° | 32972 | 14795 | 10772 | 14795 |
| 25° | 35011 | 14563 | 10652 | 14563 |
| 30° | 30009 | 14395 | 10708 | 14395 |
| 35° | 20871 | 14155 | 10820 | 14155 |
| 40° | 15719 | 13874 | 10786 | 13874 |
| 45° | 13052 | 13457 | 10648 | 13457 |
| 50° | 11692 | 12603 | 10551 | 12603 |
| 55° | 10931 | 11684 | 10421 | 11684 |
| 60° | 10254 | 10723 | 10314 | 10723 |
| 65° | 9638 | 9775 | 9984 | 9775 |
| 70° | 9039 | 8696 | 9508 | 8696 |
| 75° | 8093 | 7615 | 8717 | 7615 |
| 80° | 7085 | 6242 | 7507 | 6242 |
| 85° | 5545 | 4533 | 5039 | 4533 |



TEST NUMBER: P332205

CATALOG NUMBER: S123DIW-S1000D1535U835-4F0-1E-UDD-A1

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 138.4 | 1.4 |
| 10°-20° | 443.6 | 4.6 |
| 20°-30° | 744.6 | 7.8 |
| 30°-40° | 843.1 | 8.8 |
| 40°-50° | 756.1 | 7.9 |
| 50°-60° | 610.1 | 6.4 |
| 60°-70° | 425.2 | 4.4 |
| 70°-80° | 223.5 | 2.3 |
| 80°-90° | 60.3 | 0.6 |
| 90°-100° | 125.1 | 1.3 |
| 100°-110° | 374.3 | 3.9 |
| 110°-120° | 636.6 | 6.7 |
| 120°-130° | 837.4 | 8.8 |
| 130°-140° | 941.2 | 9.8 |
| 140°-150° | 925.2 | 9.7 |
| 150°-160° | 778.9 | 8.1 |
| 160°-170° | 518.5 | 5.4 |
| 170°-180° | 181.6 | 1.9 |
| 0°-30° | 1326.6 | 13.9 |
| 0°-40° | 2169.7 | 22.7 |
| 0°-60° | 3535.9 | 37.0 |
| 0°-90° | 4244.8 | 44.4 |
| 90°-120° | 1136.0 | 11.9 |
| 90°-150° | 3839.7 | 40.2 |
| 90°-180° | 5319.0 | 55.6 |
| 0°-180° | 9563.4 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 1404 | 1404 | 1404 | 1404 | 1404 | |
| 5° | 1669 | 1405 | 1245 | 1405 | 1669 | 173 |
| 15° | 2484 | 1345 | 1015 | 1345 | 2484 | 717 |
| 25° | 2948 | 1226 | 897 | 1226 | 2948 | 1293 |
| 35° | 1588 | 1077 | 823 | 1077 | 1588 | 1032 |
| 45° | 857 | 884 | 700 | 884 | 857 | 678 |
| 55° | 582 | 623 | 555 | 623 | 582 | 523 |
| 65° | 378 | 384 | 392 | 384 | 378 | 377 |
| 75° | 195 | 183 | 210 | 183 | 195 | 208 |
| 85° | 45 | 37 | 41 | 37 | 45 | 54 |
| 90° | 45 | 2 | 45 | 2 | 45 | 24 |
| 95° | 118 | 89 | 118 | 89 | 118 | 121 |
| 105° | 359 | 339 | 359 | 339 | 359 | 381 |
| 115° | 642 | 641 | 642 | 641 | 642 | 636 |
| 125° | 927 | 938 | 927 | 938 | 927 | 829 |
| 135° | 1215 | 1217 | 1215 | 1217 | 1215 | 934 |
| 145° | 1476 | 1476 | 1476 | 1476 | 1476 | 921 |
| 155° | 1687 | 1690 | 1687 | 1690 | 1687 | 777 |
| 165° | 1835 | 1841 | 1835 | 1841 | 1835 | 518 |
| 175° | 1908 | 1915 | 1908 | 1915 | 1908 | 181 |
| 180° | 1920 | 1920 | 1920 | 1920 | 1920 | |



TEST NUMBER: P332205

CATALOG NUMBER: S123DIW-S1000D1535U835-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1404.5 | 1404.5 | 1404.5 | 1404.5 | 1404.5 | 1404.5 | 1404.5 | 1404.5 | 1404.5 | 1404.5 | 1404.5 |
| 2.5° | 1490.5 | 1489.5 | 1486.7 | 1488.9 | 1484.6 | 1478.6 | 1478.0 | 1472.6 | 1456.8 | 1455.7 | 1451.4 |
| 5° | 1668.6 | 1663.1 | 1662.4 | 1661.8 | 1652.2 | 1639.3 | 1614.8 | 1612.8 | 1580.1 | 1563.8 | 1544.0 |
| 7.5° | 1899.1 | 1902.0 | 1892.0 | 1883.3 | 1854.2 | 1835.0 | 1808.7 | 1775.1 | 1735.0 | 1694.3 | 1667.2 |
| 10° | 2064.6 | 2087.1 | 2059.2 | 2040.1 | 2022.4 | 1989.1 | 1950.3 | 1902.0 | 1853.7 | 1797.2 | 1754.3 |
| 12.5° | 2242.1 | 2253.1 | 2247.5 | 2229.6 | 2202.1 | 2151.3 | 2082.6 | 2029.4 | 1984.9 | 1890.8 | 1852.8 |
| 15° | 2483.8 | 2525.3 | 2498.8 | 2437.5 | 2438.9 | 2390.6 | 2300.7 | 2202.1 | 2149.7 | 2067.3 | 1955.1 |
| 17.5° | 2741.3 | 2746.5 | 2735.2 | 2684.1 | 2650.1 | 2583.7 | 2500.8 | 2406.2 | 2300.1 | 2200.4 | 2081.4 |
| 20° | 2878.5 | 2874.4 | 2850.6 | 2824.0 | 2765.5 | 2713.8 | 2623.3 | 2517.8 | 2381.7 | 2283.7 | 2153.8 |
| 22.5° | 2954.7 | 2947.9 | 2936.6 | 2914.4 | 2865.7 | 2810.2 | 2728.9 | 2613.6 | 2484.1 | 2349.1 | 2198.9 |
| 25° | 2947.9 | 2956.7 | 2958.1 | 2952.0 | 2935.0 | 2901.6 | 2837.6 | 2745.8 | 2616.5 | 2443.0 | 2286.5 |
| 27.5° | 2681.1 | 2693.7 | 2730.0 | 2762.3 | 2798.3 | 2835.1 | 2830.2 | 2784.6 | 2688.9 | 2539.0 | 2347.7 |
| 30° | 2414.4 | 2387.2 | 2454.5 | 2539.6 | 2597.4 | 2699.5 | 2756.7 | 2760.1 | 2706.3 | 2577.7 | 2391.2 |
| 32.5° | 2044.2 | 2074.1 | 2103.9 | 2208.6 | 2335.0 | 2449.6 | 2563.4 | 2655.0 | 2665.5 | 2579.9 | 2416.8 |
| 35° | 1588.3 | 1625.7 | 1680.1 | 1734.6 | 1870.7 | 1987.7 | 2187.8 | 2362.0 | 2500.8 | 2519.2 | 2419.1 |
| 37.5° | 1279.9 | 1298.4 | 1332.8 | 1387.4 | 1476.4 | 1615.2 | 1770.0 | 1990.2 | 2191.3 | 2340.9 | 2347.4 |
| 40° | 1118.7 | 1124.2 | 1163.0 | 1204.5 | 1276.6 | 1390.9 | 1530.4 | 1725.0 | 1965.9 | 2174.9 | 2262.0 |
| 42.5° | 997.9 | 1009.8 | 1026.3 | 1066.2 | 1123.6 | 1209.6 | 1339.3 | 1500.2 | 1721.0 | 1961.4 | 2131.8 |
| 45° | 857.4 | 871.0 | 881.2 | 907.8 | 948.6 | 1006.4 | 1097.0 | 1243.9 | 1412.0 | 1660.4 | 1889.7 |
| 47.5° | 764.6 | 765.7 | 773.3 | 793.3 | 821.1 | 864.5 | 928.5 | 1022.9 | 1177.2 | 1378.7 | 1614.1 |
| 50° | 698.2 | 709.1 | 711.8 | 727.4 | 749.2 | 781.2 | 834.3 | 914.6 | 1041.2 | 1218.1 | 1434.5 |
| 52.5° | 651.4 | 654.6 | 662.3 | 673.6 | 692.6 | 717.5 | 763.5 | 826.4 | 925.7 | 1076.5 | 1275.5 |
| 55° | 582.5 | 582.5 | 590.0 | 598.8 | 609.7 | 632.2 | 662.8 | 709.1 | 784.6 | 901.7 | 1066.3 |
| 57.5° | 518.8 | 522.2 | 527.5 | 530.2 | 539.5 | 554.3 | 579.9 | 615.0 | 671.4 | 761.5 | 892.4 |
| 60° | 476.3 | 482.5 | 481.8 | 487.2 | 495.4 | 507.0 | 528.7 | 557.3 | 607.7 | 679.8 | 790.1 |
| 62.5° | 439.3 | 438.9 | 438.8 | 445.3 | 453.5 | 464.5 | 478.7 | 503.4 | 546.2 | 610.1 | 704.0 |
| 65° | 378.4 | 377.0 | 381.8 | 385.8 | 388.6 | 396.7 | 407.6 | 429.4 | 458.0 | 505.6 | 578.4 |
| 67.5° | 324.2 | 320.2 | 322.8 | 324.2 | 328.8 | 335.2 | 345.4 | 358.9 | 381.6 | 419.9 | 474.7 |
| 70° | 287.2 | 283.8 | 283.1 | 284.4 | 288.5 | 293.3 | 300.8 | 313.7 | 334.8 | 365.4 | 405.6 |
| 72.5° | 249.1 | 246.7 | 246.6 | 249.6 | 251.5 | 254.6 | 259.9 | 271.8 | 288.5 | 311.5 | 349.0 |
| 75° | 194.6 | 194.6 | 194.6 | 195.3 | 197.3 | 200.1 | 204.1 | 210.3 | 223.2 | 239.5 | 264.7 |
| 77.5° | 145.9 | 145.8 | 144.9 | 144.8 | 147.8 | 149.0 | 150.0 | 155.7 | 162.9 | 173.9 | 192.3 |
| 80° | 114.3 | 110.9 | 112.3 | 114.3 | 115.7 | 116.4 | 118.4 | 119.8 | 125.9 | 132.0 | 144.9 |
| 82.5° | 84.9 | 82.1 | 82.3 | 85.5 | 85.7 | 86.4 | 88.5 | 90.4 | 92.7 | 98.3 | 105.2 |
| 85° | 44.9 | 44.9 | 45.6 | 45.6 | 46.3 | 45.6 | 47.6 | 48.3 | 48.3 | 51.7 | 55.8 |
| 87.5° | 25.4 | 24.2 | 24.6 | 25.0 | 24.3 | 24.6 | 24.9 | 25.2 | 25.5 | 25.7 | 25.4 |
| 90° | 45.2 | 44.6 | 43.9 | 43.2 | 42.6 | 41.6 | 40.2 | 38.9 | 37.5 | 36.2 | 31.8 |
| 92.5° | 60.9 | 61.3 | 61.7 | 62.1 | 62.5 | 62.2 | 61.1 | 60.0 | 59.0 | 57.9 | 55.4 |
| 95° | 117.6 | 117.6 | 117.6 | 117.6 | 117.6 | 116.9 | 115.6 | 114.3 | 112.9 | 111.6 | 108.9 |
| 97.5° | 181.0 | 181.1 | 181.2 | 181.4 | 181.5 | 180.8 | 179.2 | 177.7 | 176.2 | 174.6 | 172.7 |
| 100° | 229.2 | 228.5 | 227.9 | 227.2 | 226.5 | 225.7 | 224.7 | 223.7 | 222.7 | 221.7 | 220.0 |
| 102.5° | 278.7 | 278.8 | 278.9 | 279.1 | 279.2 | 278.8 | 277.8 | 276.8 | 275.8 | 274.7 | 272.5 |
| 105° | 358.9 | 358.2 | 357.6 | 356.9 | 356.2 | 355.9 | 355.9 | 355.9 | 355.9 | 355.9 | 352.9 |
| 107.5° | 442.4 | 442.8 | 443.2 | 443.6 | 444.0 | 443.7 | 442.6 | 441.6 | 440.5 | 439.4 | 438.2 |
| 110° | 499.1 | 499.8 | 500.5 | 501.1 | 501.8 | 501.5 | 500.1 | 498.8 | 497.5 | 496.1 | 495.4 |



TEST NUMBER: P332205

CATALOG NUMBER: S123DIW-S1000D1535U835-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 559.4 | 559.6 | 559.7 | 559.9 | 560.0 | 559.2 | 557.6 | 556.0 | 554.4 | 552.8 | 552.7 |
| 115° | 642.4 | 642.7 | 643.1 | 643.4 | 643.7 | 643.7 | 643.4 | 643.1 | 642.7 | 642.4 | 643.1 |
| 117.5° | 726.5 | 727.5 | 728.4 | 729.3 | 730.3 | 730.8 | 730.9 | 730.9 | 731.0 | 731.1 | 731.9 |
| 120° | 785.6 | 786.3 | 787.0 | 787.7 | 788.3 | 788.8 | 789.2 | 789.5 | 789.8 | 790.2 | 791.8 |
| 122.5° | 842.3 | 843.3 | 844.2 | 845.2 | 846.1 | 847.0 | 847.9 | 848.7 | 849.6 | 850.5 | 851.4 |
| 125° | 927.4 | 928.7 | 930.1 | 931.4 | 932.7 | 934.1 | 935.4 | 936.8 | 938.1 | 939.5 | 940.1 |
| 127.5° | 1012.1 | 1013.7 | 1015.2 | 1016.8 | 1018.3 | 1020.0 | 1021.9 | 1023.8 | 1025.6 | 1027.5 | 1028.3 |
| 130° | 1067.6 | 1070.0 | 1072.3 | 1074.7 | 1077.0 | 1078.9 | 1080.2 | 1081.5 | 1082.9 | 1084.2 | 1085.2 |
| 132.5° | 1125.5 | 1127.3 | 1129.2 | 1131.0 | 1132.8 | 1134.5 | 1136.1 | 1137.7 | 1139.3 | 1140.9 | 1141.6 |
| 135° | 1215.4 | 1216.1 | 1216.7 | 1217.4 | 1218.1 | 1219.1 | 1220.4 | 1221.8 | 1223.1 | 1224.5 | 1224.8 |
| 137.5° | 1294.7 | 1296.0 | 1297.3 | 1298.5 | 1299.8 | 1301.2 | 1302.6 | 1304.0 | 1305.4 | 1306.8 | 1305.9 |
| 140° | 1346.6 | 1348.9 | 1351.3 | 1353.6 | 1356.0 | 1357.3 | 1357.7 | 1358.0 | 1358.3 | 1358.7 | 1358.3 |
| 142.5° | 1399.7 | 1401.5 | 1403.3 | 1405.1 | 1406.9 | 1408.0 | 1408.3 | 1408.7 | 1409.0 | 1409.3 | 1408.7 |
| 145° | 1476.3 | 1477.6 | 1479.0 | 1480.3 | 1481.6 | 1482.5 | 1482.8 | 1483.1 | 1483.5 | 1483.8 | 1482.8 |
| 147.5° | 1544.4 | 1546.4 | 1548.5 | 1550.5 | 1552.5 | 1553.5 | 1553.5 | 1553.5 | 1553.5 | 1553.5 | 1552.5 |
| 150° | 1587.9 | 1589.9 | 1591.9 | 1593.9 | 1595.9 | 1596.9 | 1596.9 | 1596.9 | 1596.9 | 1596.9 | 1596.2 |
| 152.5° | 1630.1 | 1631.8 | 1633.6 | 1635.3 | 1637.1 | 1637.7 | 1637.1 | 1636.6 | 1636.1 | 1635.5 | 1635.1 |
| 155° | 1687.4 | 1689.7 | 1692.1 | 1694.4 | 1696.8 | 1697.3 | 1695.9 | 1694.6 | 1693.3 | 1691.9 | 1691.6 |
| 157.5° | 1739.6 | 1741.4 | 1743.3 | 1745.2 | 1747.1 | 1747.3 | 1745.9 | 1744.5 | 1743.1 | 1741.7 | 1741.4 |
| 160° | 1773.3 | 1774.7 | 1776.0 | 1777.4 | 1778.7 | 1778.5 | 1776.9 | 1775.2 | 1773.5 | 1771.8 | 1771.8 |
| 162.5° | 1798.7 | 1800.8 | 1803.0 | 1805.1 | 1807.3 | 1807.5 | 1805.8 | 1804.1 | 1802.5 | 1800.8 | 1800.5 |
| 165° | 1835.2 | 1837.5 | 1839.9 | 1842.2 | 1844.6 | 1844.7 | 1842.7 | 1840.7 | 1838.7 | 1836.7 | 1836.7 |
| 167.5° | 1866.2 | 1868.3 | 1870.4 | 1872.5 | 1874.5 | 1874.5 | 1872.5 | 1870.4 | 1868.3 | 1866.2 | 1866.0 |
| 170° | 1881.9 | 1884.3 | 1886.6 | 1889.0 | 1891.3 | 1891.3 | 1889.0 | 1886.6 | 1884.3 | 1881.9 | 1881.9 |
| 172.5° | 1894.0 | 1896.3 | 1898.7 | 1901.0 | 1903.4 | 1903.5 | 1901.4 | 1899.3 | 1897.3 | 1895.2 | 1895.2 |
| 175° | 1907.6 | 1909.9 | 1912.2 | 1914.6 | 1916.9 | 1917.1 | 1915.1 | 1913.1 | 1911.1 | 1909.1 | 1909.1 |
| 177.5° | 1914.8 | 1916.7 | 1918.5 | 1920.4 | 1922.3 | 1922.4 | 1920.8 | 1919.2 | 1917.6 | 1916.0 | 1916.0 |
| 180° | 1919.6 | 1919.6 | 1919.6 | 1919.6 | 1919.6 | 1919.6 | 1919.6 | 1919.6 | 1919.6 | 1919.6 | 1919.6 |



TEST NUMBER: P332205

CATALOG NUMBER: S123DIW-S1000D1535U835-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1404.5 | 1404.5 | 1404.5 | 1404.5 | 1404.5 | 1404.5 | 1404.5 | 1404.5 | 1404.5 | 1404.5 | 1404.5 |
| 2.5° | 1448.1 | 1443.7 | 1439.4 | 1431.8 | 1425.2 | 1416.0 | 1413.2 | 1410.0 | 1400.2 | 1391.5 | 1384.9 |
| 5° | 1536.5 | 1520.2 | 1496.4 | 1474.6 | 1456.9 | 1433.1 | 1419.5 | 1405.2 | 1384.8 | 1366.4 | 1351.5 |
| 7.5° | 1629.1 | 1597.0 | 1560.0 | 1519.9 | 1482.7 | 1446.7 | 1417.7 | 1391.9 | 1363.3 | 1336.2 | 1315.1 |
| 10° | 1702.6 | 1656.3 | 1604.6 | 1548.8 | 1501.2 | 1454.9 | 1416.1 | 1382.1 | 1345.3 | 1313.3 | 1286.8 |
| 12.5° | 1786.4 | 1717.8 | 1646.5 | 1578.7 | 1522.4 | 1458.2 | 1411.2 | 1367.9 | 1326.3 | 1287.8 | 1258.0 |
| 15° | 1885.6 | 1798.5 | 1714.2 | 1620.9 | 1535.2 | 1454.9 | 1399.1 | 1344.7 | 1296.3 | 1256.9 | 1218.8 |
| 17.5° | 1976.0 | 1877.3 | 1766.1 | 1652.8 | 1549.3 | 1454.1 | 1376.0 | 1314.4 | 1254.0 | 1205.7 | 1167.7 |
| 20° | 2027.2 | 1914.9 | 1789.0 | 1671.3 | 1557.0 | 1450.8 | 1365.1 | 1291.6 | 1226.2 | 1175.2 | 1132.3 |
| 22.5° | 2071.3 | 1939.9 | 1809.7 | 1683.8 | 1556.4 | 1442.1 | 1344.9 | 1269.3 | 1198.5 | 1148.5 | 1102.9 |
| 25° | 2117.0 | 1959.8 | 1829.2 | 1681.5 | 1539.3 | 1420.9 | 1312.0 | 1226.2 | 1155.5 | 1097.0 | 1050.0 |
| 27.5° | 2156.2 | 1958.5 | 1803.4 | 1644.6 | 1512.3 | 1393.6 | 1277.4 | 1185.4 | 1110.3 | 1046.7 | 999.1 |
| 30° | 2182.3 | 1961.2 | 1776.8 | 1619.6 | 1486.2 | 1363.7 | 1250.7 | 1158.2 | 1079.3 | 1014.6 | 969.7 |
| 32.5° | 2198.7 | 1959.5 | 1752.3 | 1584.7 | 1444.8 | 1336.5 | 1221.9 | 1126.1 | 1045.0 | 981.4 | 938.1 |
| 35° | 2208.2 | 1947.6 | 1710.1 | 1512.7 | 1378.0 | 1272.5 | 1176.6 | 1077.2 | 992.2 | 933.0 | 884.0 |
| 37.5° | 2189.1 | 1922.4 | 1661.1 | 1443.3 | 1295.8 | 1191.9 | 1111.2 | 1026.6 | 945.2 | 880.0 | 837.8 |
| 40° | 2159.2 | 1906.1 | 1623.0 | 1394.3 | 1239.2 | 1139.1 | 1070.4 | 987.4 | 907.1 | 845.2 | 805.7 |
| 42.5° | 2102.0 | 1872.8 | 1581.1 | 1339.9 | 1180.4 | 1080.3 | 1017.1 | 947.7 | 871.7 | 813.6 | 774.1 |
| 45° | 1962.5 | 1800.6 | 1518.2 | 1258.2 | 1093.5 | 990.1 | 934.3 | 884.0 | 815.2 | 758.7 | 724.7 |
| 47.5° | 1769.0 | 1691.8 | 1427.3 | 1172.1 | 1002.9 | 903.4 | 845.4 | 804.9 | 754.7 | 709.1 | 676.4 |
| 50° | 1634.5 | 1602.6 | 1365.7 | 1113.3 | 942.5 | 845.2 | 789.4 | 752.6 | 716.6 | 671.0 | 641.0 |
| 52.5° | 1479.4 | 1499.1 | 1293.9 | 1052.3 | 881.0 | 785.3 | 732.8 | 703.6 | 670.8 | 633.4 | 607.3 |
| 55° | 1261.0 | 1332.4 | 1169.8 | 950.0 | 789.4 | 698.2 | 648.5 | 622.6 | 603.6 | 575.7 | 553.2 |
| 57.5° | 1056.4 | 1147.3 | 1035.6 | 844.5 | 699.4 | 620.7 | 573.1 | 544.9 | 532.7 | 518.1 | 500.4 |
| 60° | 935.0 | 1024.8 | 939.8 | 773.7 | 639.0 | 564.1 | 521.9 | 498.1 | 485.9 | 475.7 | 460.7 |
| 62.5° | 826.7 | 917.6 | 846.1 | 701.9 | 579.6 | 510.2 | 473.5 | 450.2 | 440.7 | 435.4 | 422.6 |
| 65° | 677.8 | 756.0 | 708.4 | 590.0 | 494.7 | 433.5 | 400.1 | 383.8 | 375.0 | 372.9 | 364.7 |
| 67.5° | 551.6 | 611.2 | 576.5 | 489.4 | 414.4 | 361.5 | 333.2 | 319.3 | 312.5 | 311.8 | 305.7 |
| 70° | 468.9 | 524.7 | 498.1 | 419.2 | 354.5 | 313.0 | 288.5 | 276.3 | 272.2 | 271.5 | 268.1 |
| 72.5° | 404.6 | 443.5 | 422.4 | 356.6 | 306.6 | 268.9 | 251.0 | 238.2 | 233.5 | 234.5 | 232.2 |
| 75° | 299.4 | 328.7 | 316.4 | 270.8 | 230.7 | 206.2 | 191.2 | 183.1 | 179.0 | 181.0 | 178.3 |
| 77.5° | 215.4 | 234.0 | 222.9 | 191.4 | 166.6 | 148.9 | 137.9 | 132.8 | 129.2 | 129.0 | 127.8 |
| 80° | 162.6 | 173.5 | 167.4 | 148.3 | 127.9 | 113.0 | 104.1 | 100.7 | 98.7 | 98.0 | 97.3 |
| 82.5° | 115.8 | 125.1 | 117.9 | 104.8 | 90.9 | 81.9 | 76.9 | 72.4 | 70.9 | 71.3 | 70.6 |
| 85° | 58.5 | 61.9 | 59.2 | 51.0 | 45.6 | 41.5 | 38.8 | 36.7 | 35.4 | 36.1 | 34.7 |
| 87.5° | 25.6 | 25.3 | 22.8 | 19.9 | 18.1 | 15.8 | 15.1 | 13.4 | 12.9 | 13.6 | 13.7 |
| 90° | 27.5 | 23.1 | 18.8 | 14.9 | 11.6 | 8.2 | 4.9 | 1.5 | 4.9 | 8.2 | 11.6 |
| 92.5° | 52.9 | 50.5 | 48.0 | 45.6 | 43.3 | 41.0 | 38.8 | 36.5 | 38.8 | 41.0 | 43.3 |
| 95° | 106.2 | 103.5 | 100.9 | 98.4 | 96.0 | 93.7 | 91.3 | 89.0 | 91.3 | 93.7 | 96.0 |
| 97.5° | 170.7 | 168.8 | 166.8 | 165.0 | 163.3 | 161.5 | 159.8 | 158.0 | 159.8 | 161.5 | 163.3 |
| 100° | 218.3 | 216.6 | 215.0 | 213.1 | 211.1 | 209.1 | 207.1 | 205.1 | 207.1 | 209.1 | 211.1 |
| 102.5° | 270.3 | 268.1 | 265.9 | 264.2 | 263.0 | 261.8 | 260.6 | 259.4 | 260.6 | 261.8 | 263.0 |
| 105° | 349.8 | 346.8 | 343.8 | 342.0 | 341.3 | 340.6 | 340.0 | 339.3 | 340.0 | 340.6 | 341.3 |
| 107.5° | 437.0 | 435.8 | 434.6 | 433.8 | 433.4 | 433.0 | 432.6 | 432.2 | 432.6 | 433.0 | 433.4 |
| 110° | 494.8 | 494.1 | 493.4 | 492.8 | 492.1 | 491.4 | 490.8 | 490.1 | 490.8 | 491.4 | 492.1 |



TEST NUMBER: P332205

CATALOG NUMBER: S123DIW-S1000D1535U835-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 552.5 | 552.4 | 552.3 | 552.0 | 551.6 | 551.2 | 550.8 | 550.4 | 550.8 | 551.2 | 551.6 |
| 115° | 643.7 | 644.4 | 645.1 | 644.9 | 643.9 | 642.9 | 641.9 | 640.9 | 641.9 | 642.9 | 643.9 |
| 117.5° | 732.8 | 733.7 | 734.5 | 734.6 | 734.0 | 733.3 | 732.6 | 732.0 | 732.6 | 733.3 | 734.0 |
| 120° | 793.5 | 795.2 | 796.9 | 796.7 | 794.7 | 792.7 | 790.7 | 788.7 | 790.7 | 792.7 | 794.7 |
| 122.5° | 852.2 | 853.1 | 854.0 | 853.7 | 852.2 | 850.7 | 849.2 | 847.8 | 849.2 | 850.7 | 852.2 |
| 125° | 940.8 | 941.5 | 942.1 | 942.0 | 941.0 | 940.0 | 938.9 | 937.9 | 938.9 | 940.0 | 941.0 |
| 127.5° | 1029.0 | 1029.7 | 1030.5 | 1029.8 | 1027.6 | 1025.5 | 1023.3 | 1021.2 | 1023.3 | 1025.5 | 1027.6 |
| 130° | 1086.2 | 1087.2 | 1088.2 | 1087.4 | 1084.7 | 1082.0 | 1079.4 | 1076.7 | 1079.4 | 1082.0 | 1084.7 |
| 132.5° | 1142.4 | 1143.1 | 1143.9 | 1142.9 | 1140.2 | 1137.5 | 1134.8 | 1132.2 | 1134.8 | 1137.5 | 1140.2 |
| 135° | 1225.1 | 1225.5 | 1225.8 | 1225.0 | 1222.9 | 1220.9 | 1218.9 | 1216.9 | 1218.9 | 1220.9 | 1222.9 |
| 137.5° | 1305.0 | 1304.2 | 1303.3 | 1302.0 | 1300.4 | 1298.7 | 1297.0 | 1295.3 | 1297.0 | 1298.7 | 1300.4 |
| 140° | 1358.0 | 1357.7 | 1357.3 | 1356.3 | 1354.6 | 1353.0 | 1351.3 | 1349.6 | 1351.3 | 1353.0 | 1354.6 |
| 142.5° | 1408.1 | 1407.5 | 1406.9 | 1405.8 | 1404.1 | 1402.4 | 1400.7 | 1399.1 | 1400.7 | 1402.4 | 1404.1 |
| 145° | 1481.8 | 1480.8 | 1479.8 | 1479.0 | 1478.3 | 1477.6 | 1477.0 | 1476.3 | 1477.0 | 1477.6 | 1478.3 |
| 147.5° | 1551.6 | 1550.7 | 1549.7 | 1548.7 | 1547.5 | 1546.2 | 1545.0 | 1543.8 | 1545.0 | 1546.2 | 1547.5 |
| 150° | 1595.6 | 1594.9 | 1594.2 | 1593.6 | 1592.9 | 1592.2 | 1591.6 | 1590.9 | 1591.6 | 1592.2 | 1592.9 |
| 152.5° | 1634.7 | 1634.3 | 1633.9 | 1633.2 | 1632.3 | 1631.4 | 1630.4 | 1629.5 | 1630.4 | 1631.4 | 1632.3 |
| 155° | 1691.2 | 1690.9 | 1690.6 | 1690.4 | 1690.4 | 1690.4 | 1690.4 | 1690.4 | 1690.4 | 1690.4 | 1690.4 |
| 157.5° | 1741.1 | 1740.9 | 1740.6 | 1740.7 | 1741.1 | 1741.5 | 1741.9 | 1742.3 | 1741.9 | 1741.5 | 1741.1 |
| 160° | 1771.8 | 1771.8 | 1771.8 | 1772.2 | 1772.8 | 1773.5 | 1774.2 | 1774.9 | 1774.2 | 1773.5 | 1772.8 |
| 162.5° | 1800.3 | 1800.0 | 1799.7 | 1800.1 | 1801.0 | 1801.9 | 1802.9 | 1803.8 | 1802.9 | 1801.9 | 1801.0 |
| 165° | 1836.7 | 1836.7 | 1836.7 | 1837.2 | 1838.2 | 1839.2 | 1840.2 | 1841.2 | 1840.2 | 1839.2 | 1838.2 |
| 167.5° | 1865.7 | 1865.4 | 1865.2 | 1865.7 | 1867.0 | 1868.4 | 1869.7 | 1871.1 | 1869.7 | 1868.4 | 1867.0 |
| 170° | 1881.9 | 1881.9 | 1881.9 | 1882.6 | 1883.9 | 1885.3 | 1886.6 | 1887.9 | 1886.6 | 1885.3 | 1883.9 |
| 172.5° | 1895.2 | 1895.2 | 1895.2 | 1895.9 | 1897.2 | 1898.5 | 1899.9 | 1901.2 | 1899.9 | 1898.5 | 1897.2 |
| 175° | 1909.1 | 1909.1 | 1909.1 | 1909.7 | 1911.1 | 1912.4 | 1913.8 | 1915.1 | 1913.8 | 1912.4 | 1911.1 |
| 177.5° | 1916.0 | 1916.0 | 1916.0 | 1916.5 | 1917.6 | 1918.7 | 1919.8 | 1920.8 | 1919.8 | 1918.7 | 1917.6 |
| 180° | 1919.6 | 1919.6 | 1919.6 | 1919.6 | 1919.6 | 1919.6 | 1919.6 | 1919.6 | 1919.6 | 1919.6 | 1919.6 |



TEST NUMBER: P332205

CATALOG NUMBER: S123DIW-S1000D1535U835-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1404.5 | 1404.5 | 1404.5 | 1404.5 | 1404.5 | 1404.5 | 1404.5 | 1404.5 | 1404.5 | 1404.5 | 1404.5 |
| 2.5° | 1381.1 | 1377.3 | 1371.9 | 1363.7 | 1357.2 | 1346.8 | 1346.8 | 1348.5 | 1348.5 | 1347.9 | 1346.8 |
| 5° | 1339.2 | 1329.0 | 1316.8 | 1302.5 | 1287.5 | 1272.5 | 1269.8 | 1264.4 | 1260.3 | 1257.5 | 1254.1 |
| 7.5° | 1295.0 | 1276.9 | 1259.0 | 1239.0 | 1220.8 | 1205.7 | 1195.2 | 1186.5 | 1180.9 | 1174.9 | 1170.6 |
| 10° | 1265.0 | 1242.6 | 1221.5 | 1200.4 | 1177.2 | 1158.9 | 1147.3 | 1139.1 | 1133.0 | 1127.6 | 1124.9 |
| 12.5° | 1229.6 | 1203.9 | 1180.7 | 1160.6 | 1135.3 | 1116.4 | 1105.4 | 1101.6 | 1094.4 | 1082.9 | 1076.9 |
| 15° | 1177.9 | 1154.1 | 1126.2 | 1095.6 | 1083.3 | 1060.2 | 1047.3 | 1041.2 | 1037.1 | 1028.2 | 1025.5 |
| 17.5° | 1133.7 | 1102.5 | 1071.2 | 1048.4 | 1025.6 | 1006.9 | 999.6 | 992.0 | 986.6 | 979.4 | 977.2 |
| 20° | 1098.3 | 1070.4 | 1041.8 | 1017.3 | 993.5 | 973.1 | 967.0 | 961.5 | 956.1 | 952.7 | 950.0 |
| 22.5° | 1062.4 | 1034.5 | 1010.8 | 987.9 | 962.5 | 949.1 | 942.5 | 936.5 | 932.7 | 930.4 | 927.6 |
| 25° | 1011.9 | 987.4 | 960.9 | 940.4 | 920.0 | 911.2 | 907.1 | 903.7 | 901.0 | 897.6 | 896.9 |
| 27.5° | 966.7 | 940.0 | 918.5 | 899.5 | 884.8 | 877.4 | 873.5 | 871.8 | 872.4 | 873.6 | 874.4 |
| 30° | 933.0 | 908.5 | 890.8 | 874.4 | 860.8 | 854.0 | 853.3 | 853.3 | 856.1 | 856.7 | 858.1 |
| 32.5° | 901.9 | 881.8 | 864.1 | 848.3 | 838.0 | 833.3 | 835.9 | 835.9 | 838.1 | 839.9 | 842.3 |
| 35° | 856.7 | 839.0 | 825.4 | 811.8 | 803.0 | 805.0 | 806.4 | 807.7 | 811.1 | 815.2 | 818.0 |
| 37.5° | 813.6 | 798.2 | 784.1 | 773.4 | 769.4 | 773.0 | 776.3 | 779.2 | 783.1 | 786.2 | 789.0 |
| 40° | 782.6 | 771.0 | 757.4 | 747.9 | 749.2 | 751.3 | 754.0 | 757.4 | 760.8 | 762.8 | 765.6 |
| 42.5° | 753.7 | 741.6 | 731.3 | 723.4 | 725.3 | 727.9 | 729.5 | 731.3 | 735.2 | 738.9 | 740.5 |
| 45° | 709.8 | 700.2 | 690.7 | 685.9 | 687.3 | 688.7 | 690.0 | 692.1 | 695.5 | 698.2 | 698.9 |
| 47.5° | 660.3 | 653.7 | 647.3 | 642.7 | 644.8 | 644.3 | 646.1 | 650.4 | 651.5 | 653.1 | 656.9 |
| 50° | 628.8 | 622.6 | 615.2 | 613.8 | 613.8 | 613.8 | 614.5 | 619.9 | 619.9 | 622.6 | 625.4 |
| 52.5° | 593.9 | 590.0 | 585.2 | 582.8 | 581.7 | 581.7 | 584.5 | 587.3 | 588.4 | 592.2 | 594.9 |
| 55° | 542.4 | 538.3 | 534.2 | 532.1 | 530.8 | 532.1 | 537.6 | 538.9 | 542.4 | 544.4 | 546.4 |
| 57.5° | 488.6 | 485.5 | 482.2 | 481.1 | 480.8 | 482.6 | 485.6 | 489.7 | 490.5 | 496.8 | 499.9 |
| 60° | 453.2 | 448.4 | 445.7 | 445.7 | 444.4 | 450.5 | 449.1 | 455.9 | 457.3 | 461.4 | 466.1 |
| 62.5° | 416.7 | 410.3 | 409.2 | 409.2 | 411.2 | 412.9 | 414.8 | 417.8 | 421.4 | 426.5 | 430.2 |
| 65° | 357.9 | 354.5 | 359.3 | 358.6 | 357.3 | 361.3 | 361.3 | 364.7 | 368.8 | 373.6 | 381.1 |
| 67.5° | 302.3 | 300.5 | 300.9 | 300.9 | 303.0 | 305.3 | 307.2 | 310.2 | 315.1 | 320.1 | 325.0 |
| 70° | 264.7 | 266.8 | 263.4 | 266.1 | 268.1 | 268.8 | 270.2 | 274.2 | 279.7 | 283.1 | 288.5 |
| 72.5° | 228.2 | 228.1 | 228.5 | 229.6 | 231.6 | 232.9 | 234.2 | 238.9 | 244.8 | 247.7 | 252.1 |
| 75° | 175.6 | 174.9 | 176.9 | 176.9 | 180.3 | 181.7 | 183.1 | 185.1 | 190.5 | 194.6 | 198.0 |
| 77.5° | 128.2 | 129.0 | 128.6 | 130.9 | 130.0 | 130.2 | 134.5 | 136.5 | 137.1 | 145.1 | 146.9 |
| 80° | 96.6 | 98.0 | 98.7 | 99.4 | 100.0 | 98.7 | 103.4 | 105.5 | 105.5 | 110.2 | 113.6 |
| 82.5° | 69.4 | 70.2 | 72.0 | 72.7 | 72.8 | 74.2 | 74.6 | 76.1 | 77.7 | 79.8 | 84.2 |
| 85° | 34.7 | 36.7 | 37.4 | 36.7 | 37.4 | 36.1 | 38.1 | 38.8 | 39.5 | 39.5 | 39.5 |
| 87.5° | 13.9 | 15.2 | 15.5 | 16.9 | 17.3 | 18.7 | 18.9 | 18.1 | 18.4 | 20.3 | 18.3 |
| 90° | 14.9 | 18.8 | 23.1 | 27.5 | 31.8 | 36.2 | 37.5 | 38.9 | 40.2 | 41.6 | 42.6 |
| 92.5° | 45.6 | 48.0 | 50.5 | 52.9 | 55.4 | 57.9 | 59.0 | 60.0 | 61.1 | 62.2 | 62.5 |
| 95° | 98.4 | 100.9 | 103.5 | 106.2 | 108.9 | 111.6 | 112.9 | 114.3 | 115.6 | 116.9 | 117.6 |
| 97.5° | 165.0 | 166.8 | 168.8 | 170.7 | 172.7 | 174.6 | 176.2 | 177.7 | 179.2 | 180.8 | 181.5 |
| 100° | 213.1 | 215.0 | 216.6 | 218.3 | 220.0 | 221.7 | 222.7 | 223.7 | 224.7 | 225.7 | 226.5 |
| 102.5° | 264.2 | 265.9 | 268.1 | 270.3 | 272.5 | 274.7 | 275.8 | 276.8 | 277.8 | 278.8 | 279.2 |
| 105° | 342.0 | 343.8 | 346.8 | 349.8 | 352.9 | 355.9 | 355.9 | 355.9 | 355.9 | 355.9 | 356.2 |
| 107.5° | 433.8 | 434.6 | 435.8 | 437.0 | 438.2 | 439.4 | 440.5 | 441.6 | 442.6 | 443.7 | 444.0 |
| 110° | 492.8 | 493.4 | 494.1 | 494.8 | 495.4 | 496.1 | 497.5 | 498.8 | 500.1 | 501.5 | 501.8 |



TEST NUMBER: P332205

CATALOG NUMBER: S123DIW-S1000D1535U835-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 552.0 | 552.3 | 552.4 | 552.5 | 552.7 | 552.8 | 554.4 | 556.0 | 557.6 | 559.2 | 560.0 |
| 115° | 644.9 | 645.1 | 644.4 | 643.7 | 643.1 | 642.4 | 642.7 | 643.1 | 643.4 | 643.7 | 643.7 |
| 117.5° | 734.6 | 734.5 | 733.7 | 732.8 | 731.9 | 731.1 | 731.0 | 730.9 | 730.9 | 730.8 | 730.3 |
| 120° | 796.7 | 796.9 | 795.2 | 793.5 | 791.8 | 790.2 | 789.8 | 789.5 | 789.2 | 788.8 | 788.3 |
| 122.5° | 853.7 | 854.0 | 853.1 | 852.2 | 851.4 | 850.5 | 849.6 | 848.7 | 847.9 | 847.0 | 846.1 |
| 125° | 942.0 | 942.1 | 941.5 | 940.8 | 940.1 | 939.5 | 938.1 | 936.8 | 935.4 | 934.1 | 932.7 |
| 127.5° | 1029.8 | 1030.5 | 1029.7 | 1029.0 | 1028.3 | 1027.5 | 1025.6 | 1023.8 | 1021.9 | 1020.0 | 1018.3 |
| 130° | 1087.4 | 1088.2 | 1087.2 | 1086.2 | 1085.2 | 1084.2 | 1082.9 | 1081.5 | 1080.2 | 1078.9 | 1077.0 |
| 132.5° | 1142.9 | 1143.9 | 1143.1 | 1142.4 | 1141.6 | 1140.9 | 1139.3 | 1137.7 | 1136.1 | 1134.5 | 1132.8 |
| 135° | 1225.0 | 1225.8 | 1225.5 | 1225.1 | 1224.8 | 1224.5 | 1223.1 | 1221.8 | 1220.4 | 1219.1 | 1218.1 |
| 137.5° | 1302.0 | 1303.3 | 1304.2 | 1305.0 | 1305.9 | 1306.8 | 1305.4 | 1304.0 | 1302.6 | 1301.2 | 1299.8 |
| 140° | 1356.3 | 1357.3 | 1357.7 | 1358.0 | 1358.3 | 1358.7 | 1358.3 | 1358.0 | 1357.7 | 1357.3 | 1356.0 |
| 142.5° | 1405.8 | 1406.9 | 1407.5 | 1408.1 | 1408.7 | 1409.3 | 1409.0 | 1408.7 | 1408.3 | 1408.0 | 1406.9 |
| 145° | 1479.0 | 1479.8 | 1480.8 | 1481.8 | 1482.8 | 1483.8 | 1483.5 | 1483.1 | 1482.8 | 1482.5 | 1481.6 |
| 147.5° | 1548.7 | 1549.7 | 1550.7 | 1551.6 | 1552.5 | 1553.5 | 1553.5 | 1553.5 | 1553.5 | 1553.5 | 1552.5 |
| 150° | 1593.6 | 1594.2 | 1594.9 | 1595.6 | 1596.2 | 1596.9 | 1596.9 | 1596.9 | 1596.9 | 1596.9 | 1595.9 |
| 152.5° | 1633.2 | 1633.9 | 1634.3 | 1634.7 | 1635.1 | 1635.5 | 1636.1 | 1636.6 | 1637.1 | 1637.7 | 1637.1 |
| 155° | 1690.4 | 1690.6 | 1690.9 | 1691.2 | 1691.6 | 1691.9 | 1693.3 | 1694.6 | 1695.9 | 1697.3 | 1696.8 |
| 157.5° | 1740.7 | 1740.6 | 1740.9 | 1741.1 | 1741.4 | 1741.7 | 1743.1 | 1744.5 | 1745.9 | 1747.3 | 1747.1 |
| 160° | 1772.2 | 1771.8 | 1771.8 | 1771.8 | 1771.8 | 1771.8 | 1773.5 | 1775.2 | 1776.9 | 1778.5 | 1778.7 |
| 162.5° | 1800.1 | 1799.7 | 1800.0 | 1800.3 | 1800.5 | 1800.8 | 1802.5 | 1804.1 | 1805.8 | 1807.5 | 1807.3 |
| 165° | 1837.2 | 1836.7 | 1836.7 | 1836.7 | 1836.7 | 1836.7 | 1838.7 | 1840.7 | 1842.7 | 1844.7 | 1844.6 |
| 167.5° | 1865.7 | 1865.2 | 1865.4 | 1865.7 | 1866.0 | 1866.2 | 1868.3 | 1870.4 | 1872.5 | 1874.5 | 1874.5 |
| 170° | 1882.6 | 1881.9 | 1881.9 | 1881.9 | 1881.9 | 1881.9 | 1884.3 | 1886.6 | 1889.0 | 1891.3 | 1891.3 |
| 172.5° | 1895.9 | 1895.2 | 1895.2 | 1895.2 | 1895.2 | 1895.2 | 1897.3 | 1899.3 | 1901.4 | 1903.5 | 1903.4 |
| 175° | 1909.7 | 1909.1 | 1909.1 | 1909.1 | 1909.1 | 1909.1 | 1911.1 | 1913.1 | 1915.1 | 1917.1 | 1916.9 |
| 177.5° | 1916.5 | 1916.0 | 1916.0 | 1916.0 | 1916.0 | 1916.0 | 1917.6 | 1919.2 | 1920.8 | 1922.4 | 1922.3 |
| 180° | 1919.6 | 1919.6 | 1919.6 | 1919.6 | 1919.6 | 1919.6 | 1919.6 | 1919.6 | 1919.6 | 1919.6 | 1919.6 |



TEST NUMBER: P332205

CATALOG NUMBER: S123DIW-S1000D1535U835-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1404.5 | 1404.5 | 1404.5 | 1404.5 | 1404.5 | 1404.5 | 1404.5 | 1404.5 | 1404.5 | 1404.5 | 1404.5 |
| 2.5° | 1343.0 | 1342.5 | 1346.3 | 1343.6 | 1346.3 | 1342.5 | 1343.0 | 1346.8 | 1347.9 | 1348.5 | 1348.5 |
| 5° | 1250.1 | 1252.1 | 1245.3 | 1245.3 | 1245.3 | 1252.1 | 1250.1 | 1254.1 | 1257.5 | 1260.3 | 1264.4 |
| 7.5° | 1167.3 | 1164.3 | 1164.6 | 1160.9 | 1164.6 | 1164.3 | 1167.3 | 1170.6 | 1174.9 | 1180.9 | 1186.5 |
| 10° | 1116.7 | 1112.6 | 1111.2 | 1111.9 | 1111.2 | 1112.6 | 1116.7 | 1124.9 | 1127.6 | 1133.0 | 1139.1 |
| 12.5° | 1074.8 | 1074.0 | 1065.0 | 1065.1 | 1065.0 | 1074.0 | 1074.8 | 1076.9 | 1082.9 | 1094.4 | 1101.6 |
| 15° | 1025.5 | 1012.6 | 1011.2 | 1015.3 | 1011.2 | 1012.6 | 1025.5 | 1025.5 | 1028.2 | 1037.1 | 1041.2 |
| 17.5° | 976.1 | 969.3 | 969.7 | 967.7 | 969.7 | 969.3 | 976.1 | 977.2 | 979.4 | 986.6 | 992.0 |
| 20° | 950.0 | 945.9 | 945.2 | 940.4 | 945.2 | 945.9 | 950.0 | 950.0 | 952.7 | 956.1 | 961.5 |
| 22.5° | 926.0 | 924.7 | 925.1 | 919.8 | 925.1 | 924.7 | 926.0 | 927.6 | 930.4 | 932.7 | 936.5 |
| 25° | 896.2 | 899.6 | 896.9 | 896.9 | 896.9 | 899.6 | 896.2 | 896.9 | 897.6 | 901.0 | 903.7 |
| 27.5° | 876.1 | 875.9 | 874.6 | 874.6 | 874.6 | 875.9 | 876.1 | 874.4 | 873.6 | 872.4 | 871.8 |
| 30° | 860.8 | 860.1 | 861.5 | 861.5 | 861.5 | 860.1 | 860.8 | 858.1 | 856.7 | 856.1 | 853.3 |
| 32.5° | 845.6 | 846.5 | 846.8 | 847.3 | 846.8 | 846.5 | 845.6 | 842.3 | 839.9 | 838.1 | 835.9 |
| 35° | 822.0 | 822.7 | 824.8 | 823.4 | 824.8 | 822.7 | 822.0 | 818.0 | 815.2 | 811.1 | 807.7 |
| 37.5° | 790.2 | 793.3 | 792.6 | 793.7 | 792.6 | 793.3 | 790.2 | 789.0 | 786.2 | 783.1 | 779.2 |
| 40° | 766.2 | 768.3 | 767.6 | 767.6 | 767.6 | 768.3 | 766.2 | 765.6 | 762.8 | 760.8 | 757.4 |
| 42.5° | 741.7 | 743.2 | 741.5 | 740.4 | 741.5 | 743.2 | 741.7 | 740.5 | 738.9 | 735.2 | 731.3 |
| 45° | 701.6 | 700.2 | 702.3 | 699.5 | 702.3 | 700.2 | 701.6 | 698.9 | 698.2 | 695.5 | 692.1 |
| 47.5° | 656.7 | 658.0 | 658.6 | 660.6 | 658.6 | 658.0 | 656.7 | 656.9 | 653.1 | 651.5 | 650.4 |
| 50° | 626.7 | 630.8 | 630.8 | 630.1 | 630.8 | 630.8 | 626.7 | 625.4 | 622.6 | 619.9 | 619.9 |
| 52.5° | 597.3 | 599.2 | 602.0 | 601.8 | 602.0 | 599.2 | 597.3 | 594.9 | 592.2 | 588.4 | 587.3 |
| 55° | 551.9 | 553.2 | 554.6 | 555.3 | 554.6 | 553.2 | 551.9 | 546.4 | 544.4 | 542.4 | 538.9 |
| 57.5° | 504.8 | 504.2 | 507.5 | 508.5 | 507.5 | 504.2 | 504.8 | 499.9 | 496.8 | 490.5 | 489.7 |
| 60° | 471.6 | 471.6 | 477.0 | 479.1 | 477.0 | 471.6 | 471.6 | 466.1 | 461.4 | 457.3 | 455.9 |
| 62.5° | 436.2 | 438.4 | 443.8 | 441.0 | 443.8 | 438.4 | 436.2 | 430.2 | 426.5 | 421.4 | 417.8 |
| 65° | 384.5 | 389.9 | 389.2 | 392.0 | 389.2 | 389.9 | 384.5 | 381.1 | 373.6 | 368.8 | 364.7 |
| 67.5° | 330.4 | 333.8 | 338.7 | 339.2 | 338.7 | 333.8 | 330.4 | 325.0 | 320.1 | 315.1 | 310.2 |
| 70° | 294.0 | 297.4 | 300.1 | 302.1 | 300.1 | 297.4 | 294.0 | 288.5 | 283.1 | 279.7 | 274.2 |
| 72.5° | 258.6 | 260.4 | 266.9 | 264.0 | 266.9 | 260.4 | 258.6 | 252.1 | 247.7 | 244.8 | 238.9 |
| 75° | 202.8 | 207.5 | 211.6 | 209.6 | 211.6 | 207.5 | 202.8 | 198.0 | 194.6 | 190.5 | 185.1 |
| 77.5° | 150.0 | 154.7 | 156.6 | 154.9 | 156.6 | 154.7 | 150.0 | 146.9 | 145.1 | 137.1 | 136.5 |
| 80° | 118.4 | 117.7 | 121.8 | 121.1 | 121.8 | 117.7 | 118.4 | 113.6 | 110.2 | 105.5 | 105.5 |
| 82.5° | 86.8 | 86.2 | 88.1 | 88.5 | 88.1 | 86.2 | 86.8 | 84.2 | 79.8 | 77.7 | 76.1 |
| 85° | 42.2 | 44.2 | 41.5 | 40.8 | 41.5 | 44.2 | 42.2 | 39.5 | 39.5 | 39.5 | 38.8 |
| 87.5° | 18.4 | 18.6 | 18.2 | 17.8 | 18.2 | 18.6 | 18.4 | 18.3 | 20.3 | 18.4 | 18.1 |
| 90° | 43.2 | 43.9 | 44.6 | 45.2 | 44.6 | 43.9 | 43.2 | 42.6 | 41.6 | 40.2 | 38.9 |
| 92.5° | 62.1 | 61.7 | 61.3 | 60.9 | 61.3 | 61.7 | 62.1 | 62.5 | 62.2 | 61.1 | 60.0 |
| 95° | 117.6 | 117.6 | 117.6 | 117.6 | 117.6 | 117.6 | 117.6 | 117.6 | 116.9 | 115.6 | 114.3 |
| 97.5° | 181.4 | 181.2 | 181.1 | 181.0 | 181.1 | 181.2 | 181.4 | 181.5 | 180.8 | 179.2 | 177.7 |
| 100° | 227.2 | 227.9 | 228.5 | 229.2 | 228.5 | 227.9 | 227.2 | 226.5 | 225.7 | 224.7 | 223.7 |
| 102.5° | 279.1 | 278.9 | 278.8 | 278.7 | 278.8 | 278.9 | 279.1 | 279.2 | 278.8 | 277.8 | 276.8 |
| 105° | 356.9 | 357.6 | 358.2 | 358.9 | 358.2 | 357.6 | 356.9 | 356.2 | 355.9 | 355.9 | 355.9 |
| 107.5° | 443.6 | 443.2 | 442.8 | 442.4 | 442.8 | 443.2 | 443.6 | 444.0 | 443.7 | 442.6 | 441.6 |
| 110° | 501.1 | 500.5 | 499.8 | 499.1 | 499.8 | 500.5 | 501.1 | 501.8 | 501.5 | 500.1 | 498.8 |



TEST NUMBER: P332205

CATALOG NUMBER: S123DIW-S1000D1535U835-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 559.9 | 559.7 | 559.6 | 559.4 | 559.6 | 559.7 | 559.9 | 560.0 | 559.2 | 557.6 | 556.0 |
| 115° | 643.4 | 643.1 | 642.7 | 642.4 | 642.7 | 643.1 | 643.4 | 643.7 | 643.7 | 643.4 | 643.1 |
| 117.5° | 729.3 | 728.4 | 727.5 | 726.5 | 727.5 | 728.4 | 729.3 | 730.3 | 730.8 | 730.9 | 730.9 |
| 120° | 787.7 | 787.0 | 786.3 | 785.6 | 786.3 | 787.0 | 787.7 | 788.3 | 788.8 | 789.2 | 789.5 |
| 122.5° | 845.2 | 844.2 | 843.3 | 842.3 | 843.3 | 844.2 | 845.2 | 846.1 | 847.0 | 847.9 | 848.7 |
| 125° | 931.4 | 930.1 | 928.7 | 927.4 | 928.7 | 930.1 | 931.4 | 932.7 | 934.1 | 935.4 | 936.8 |
| 127.5° | 1016.8 | 1015.2 | 1013.7 | 1012.1 | 1013.7 | 1015.2 | 1016.8 | 1018.3 | 1020.0 | 1021.9 | 1023.8 |
| 130° | 1074.7 | 1072.3 | 1070.0 | 1067.6 | 1070.0 | 1072.3 | 1074.7 | 1077.0 | 1078.9 | 1080.2 | 1081.5 |
| 132.5° | 1131.0 | 1129.2 | 1127.3 | 1125.5 | 1127.3 | 1129.2 | 1131.0 | 1132.8 | 1134.5 | 1136.1 | 1137.7 |
| 135° | 1217.4 | 1216.7 | 1216.1 | 1215.4 | 1216.1 | 1216.7 | 1217.4 | 1218.1 | 1219.1 | 1220.4 | 1221.8 |
| 137.5° | 1298.5 | 1297.3 | 1296.0 | 1294.7 | 1296.0 | 1297.3 | 1298.5 | 1299.8 | 1301.2 | 1302.6 | 1304.0 |
| 140° | 1353.6 | 1351.3 | 1348.9 | 1346.6 | 1348.9 | 1351.3 | 1353.6 | 1356.0 | 1357.3 | 1357.7 | 1358.0 |
| 142.5° | 1405.1 | 1403.3 | 1401.5 | 1399.7 | 1401.5 | 1403.3 | 1405.1 | 1406.9 | 1408.0 | 1408.3 | 1408.7 |
| 145° | 1480.3 | 1479.0 | 1477.6 | 1476.3 | 1477.6 | 1479.0 | 1480.3 | 1481.6 | 1482.5 | 1482.8 | 1483.1 |
| 147.5° | 1550.5 | 1548.5 | 1546.4 | 1544.4 | 1546.4 | 1548.5 | 1550.5 | 1552.5 | 1553.5 | 1553.5 | 1553.5 |
| 150° | 1593.9 | 1591.9 | 1589.9 | 1587.9 | 1589.9 | 1591.9 | 1593.9 | 1595.9 | 1596.9 | 1596.9 | 1596.9 |
| 152.5° | 1635.3 | 1633.6 | 1631.8 | 1630.1 | 1631.8 | 1633.6 | 1635.3 | 1637.1 | 1637.7 | 1637.1 | 1636.6 |
| 155° | 1694.4 | 1692.1 | 1689.7 | 1687.4 | 1689.7 | 1692.1 | 1694.4 | 1696.8 | 1697.3 | 1695.9 | 1694.6 |
| 157.5° | 1745.2 | 1743.3 | 1741.4 | 1739.6 | 1741.4 | 1743.3 | 1745.2 | 1747.1 | 1747.3 | 1745.9 | 1744.5 |
| 160° | 1777.4 | 1776.0 | 1774.7 | 1773.3 | 1774.7 | 1776.0 | 1777.4 | 1778.7 | 1778.5 | 1776.9 | 1775.2 |
| 162.5° | 1805.1 | 1803.0 | 1800.8 | 1798.7 | 1800.8 | 1803.0 | 1805.1 | 1807.3 | 1807.5 | 1805.8 | 1804.1 |
| 165° | 1842.2 | 1839.9 | 1837.5 | 1835.2 | 1837.5 | 1839.9 | 1842.2 | 1844.6 | 1844.7 | 1842.7 | 1840.7 |
| 167.5° | 1872.5 | 1870.4 | 1868.3 | 1866.2 | 1868.3 | 1870.4 | 1872.5 | 1874.5 | 1874.5 | 1872.5 | 1870.4 |
| 170° | 1889.0 | 1886.6 | 1884.3 | 1881.9 | 1884.3 | 1886.6 | 1889.0 | 1891.3 | 1891.3 | 1889.0 | 1886.6 |
| 172.5° | 1901.0 | 1898.7 | 1896.3 | 1894.0 | 1896.3 | 1898.7 | 1901.0 | 1903.4 | 1903.5 | 1901.4 | 1899.3 |
| 175° | 1914.6 | 1912.2 | 1909.9 | 1907.6 | 1909.9 | 1912.2 | 1914.6 | 1916.9 | 1917.1 | 1915.1 | 1913.1 |
| 177.5° | 1920.4 | 1918.5 | 1916.7 | 1914.8 | 1916.7 | 1918.5 | 1920.4 | 1922.3 | 1922.4 | 1920.8 | 1919.2 |
| 180° | 1919.6 | 1919.6 | 1919.6 | 1919.6 | 1919.6 | 1919.6 | 1919.6 | 1919.6 | 1919.6 | 1919.6 | 1919.6 |



TEST NUMBER: P332205

CATALOG NUMBER: S123DIW-S1000D1535U835-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1404.5 | 1404.5 | 1404.5 | 1404.5 | 1404.5 | 1404.5 | 1404.5 | 1404.5 | 1404.5 | 1404.5 | 1404.5 |
| 2.5° | 1346.8 | 1346.8 | 1357.2 | 1363.7 | 1371.9 | 1377.3 | 1381.1 | 1384.9 | 1391.5 | 1400.2 | 1410.0 |
| 5° | 1269.8 | 1272.5 | 1287.5 | 1302.5 | 1316.8 | 1329.0 | 1339.2 | 1351.5 | 1366.4 | 1384.8 | 1405.2 |
| 7.5° | 1195.2 | 1205.7 | 1220.8 | 1239.0 | 1259.0 | 1276.9 | 1295.0 | 1315.1 | 1336.2 | 1363.3 | 1391.9 |
| 10° | 1147.3 | 1158.9 | 1177.2 | 1200.4 | 1221.5 | 1242.6 | 1265.0 | 1286.8 | 1313.3 | 1345.3 | 1382.1 |
| 12.5° | 1105.4 | 1116.4 | 1135.3 | 1160.6 | 1180.7 | 1203.9 | 1229.6 | 1258.0 | 1287.8 | 1326.3 | 1367.9 |
| 15° | 1047.3 | 1060.2 | 1083.3 | 1095.6 | 1126.2 | 1154.1 | 1177.9 | 1218.8 | 1256.9 | 1296.3 | 1344.7 |
| 17.5° | 999.6 | 1006.9 | 1025.6 | 1048.4 | 1071.2 | 1102.5 | 1133.7 | 1167.7 | 1205.7 | 1254.0 | 1314.4 |
| 20° | 967.0 | 973.1 | 993.5 | 1017.3 | 1041.8 | 1070.4 | 1098.3 | 1132.3 | 1175.2 | 1226.2 | 1291.6 |
| 22.5° | 942.5 | 949.1 | 962.5 | 987.9 | 1010.8 | 1034.5 | 1062.4 | 1102.9 | 1148.5 | 1198.5 | 1269.3 |
| 25° | 907.1 | 911.2 | 920.0 | 940.4 | 960.9 | 987.4 | 1011.9 | 1050.0 | 1097.0 | 1155.5 | 1226.2 |
| 27.5° | 873.5 | 877.4 | 884.8 | 899.5 | 918.5 | 940.0 | 966.7 | 999.1 | 1046.7 | 1110.3 | 1185.4 |
| 30° | 853.3 | 854.0 | 860.8 | 874.4 | 890.8 | 908.5 | 933.0 | 969.7 | 1014.6 | 1079.3 | 1158.2 |
| 32.5° | 835.9 | 833.3 | 838.0 | 848.3 | 864.1 | 881.8 | 901.9 | 938.1 | 981.4 | 1045.0 | 1126.1 |
| 35° | 806.4 | 805.0 | 803.0 | 811.8 | 825.4 | 839.0 | 856.7 | 884.0 | 933.0 | 992.2 | 1077.2 |
| 37.5° | 776.3 | 773.0 | 769.4 | 773.4 | 784.1 | 798.2 | 813.6 | 837.8 | 880.0 | 945.2 | 1026.6 |
| 40° | 754.0 | 751.3 | 749.2 | 747.9 | 757.4 | 771.0 | 782.6 | 805.7 | 845.2 | 907.1 | 987.4 |
| 42.5° | 729.5 | 727.9 | 725.3 | 723.4 | 731.3 | 741.6 | 753.7 | 774.1 | 813.6 | 871.7 | 947.7 |
| 45° | 690.0 | 688.7 | 687.3 | 685.9 | 690.7 | 700.2 | 709.8 | 724.7 | 758.7 | 815.2 | 884.0 |
| 47.5° | 646.1 | 644.3 | 644.8 | 642.7 | 647.3 | 653.7 | 660.3 | 676.4 | 709.1 | 754.7 | 804.9 |
| 50° | 614.5 | 613.8 | 613.8 | 613.8 | 615.2 | 622.6 | 628.8 | 641.0 | 671.0 | 716.6 | 752.6 |
| 52.5° | 584.5 | 581.7 | 581.7 | 582.8 | 585.2 | 590.0 | 593.9 | 607.3 | 633.4 | 670.8 | 703.6 |
| 55° | 537.6 | 532.1 | 530.8 | 532.1 | 534.2 | 538.3 | 542.4 | 553.2 | 575.7 | 603.6 | 622.6 |
| 57.5° | 485.6 | 482.6 | 480.8 | 481.1 | 482.2 | 485.5 | 488.6 | 500.4 | 518.1 | 532.7 | 544.9 |
| 60° | 449.1 | 450.5 | 444.4 | 445.7 | 445.7 | 448.4 | 453.2 | 460.7 | 475.7 | 485.9 | 498.1 |
| 62.5° | 414.8 | 412.9 | 411.2 | 409.2 | 409.2 | 410.3 | 416.7 | 422.6 | 435.4 | 440.7 | 450.2 |
| 65° | 361.3 | 361.3 | 357.3 | 358.6 | 359.3 | 354.5 | 357.9 | 364.7 | 372.9 | 375.0 | 383.8 |
| 67.5° | 307.2 | 305.3 | 303.0 | 300.9 | 300.9 | 300.5 | 302.3 | 305.7 | 311.8 | 312.5 | 319.3 |
| 70° | 270.2 | 268.8 | 268.1 | 266.1 | 263.4 | 266.8 | 264.7 | 268.1 | 271.5 | 272.2 | 276.3 |
| 72.5° | 234.2 | 232.9 | 231.6 | 229.6 | 228.5 | 228.1 | 228.2 | 232.2 | 234.5 | 233.5 | 238.2 |
| 75° | 183.1 | 181.7 | 180.3 | 176.9 | 176.9 | 174.9 | 175.6 | 178.3 | 181.0 | 179.0 | 183.1 |
| 77.5° | 134.5 | 130.2 | 130.0 | 130.9 | 128.6 | 129.0 | 128.2 | 127.8 | 129.0 | 129.2 | 132.8 |
| 80° | 103.4 | 98.7 | 100.0 | 99.4 | 98.7 | 98.0 | 96.6 | 97.3 | 98.0 | 98.7 | 100.7 |
| 82.5° | 74.6 | 74.2 | 72.8 | 72.7 | 72.0 | 70.2 | 69.4 | 70.6 | 71.3 | 70.9 | 72.4 |
| 85° | 38.1 | 36.1 | 37.4 | 36.7 | 37.4 | 36.7 | 34.7 | 34.7 | 36.1 | 35.4 | 36.7 |
| 87.5° | 18.9 | 18.7 | 17.3 | 16.9 | 15.5 | 15.2 | 13.9 | 13.7 | 13.6 | 12.9 | 13.4 |
| 90° | 37.5 | 36.2 | 31.8 | 27.5 | 23.1 | 18.8 | 14.9 | 11.6 | 8.2 | 4.9 | 1.5 |
| 92.5° | 59.0 | 57.9 | 55.4 | 52.9 | 50.5 | 48.0 | 45.6 | 43.3 | 41.0 | 38.8 | 36.5 |
| 95° | 112.9 | 111.6 | 108.9 | 106.2 | 103.5 | 100.9 | 98.4 | 96.0 | 93.7 | 91.3 | 89.0 |
| 97.5° | 176.2 | 174.6 | 172.7 | 170.7 | 168.8 | 166.8 | 165.0 | 163.3 | 161.5 | 159.8 | 158.0 |
| 100° | 222.7 | 221.7 | 220.0 | 218.3 | 216.6 | 215.0 | 213.1 | 211.1 | 209.1 | 207.1 | 205.1 |
| 102.5° | 275.8 | 274.7 | 272.5 | 270.3 | 268.1 | 265.9 | 264.2 | 263.0 | 261.8 | 260.6 | 259.4 |
| 105° | 355.9 | 355.9 | 352.9 | 349.8 | 346.8 | 343.8 | 342.0 | 341.3 | 340.6 | 340.0 | 339.3 |
| 107.5° | 440.5 | 439.4 | 438.2 | 437.0 | 435.8 | 434.6 | 433.8 | 433.4 | 433.0 | 432.6 | 432.2 |
| 110° | 497.5 | 496.1 | 495.4 | 494.8 | 494.1 | 493.4 | 492.8 | 492.1 | 491.4 | 490.8 | 490.1 |



TEST NUMBER: P332205

CATALOG NUMBER: S123DIW-S1000D1535U835-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 554.4 | 552.8 | 552.7 | 552.5 | 552.4 | 552.3 | 552.0 | 551.6 | 551.2 | 550.8 | 550.4 |
| 115° | 642.7 | 642.4 | 643.1 | 643.7 | 644.4 | 645.1 | 644.9 | 643.9 | 642.9 | 641.9 | 640.9 |
| 117.5° | 731.0 | 731.1 | 731.9 | 732.8 | 733.7 | 734.5 | 734.6 | 734.0 | 733.3 | 732.6 | 732.0 |
| 120° | 789.8 | 790.2 | 791.8 | 793.5 | 795.2 | 796.9 | 796.7 | 794.7 | 792.7 | 790.7 | 788.7 |
| 122.5° | 849.6 | 850.5 | 851.4 | 852.2 | 853.1 | 854.0 | 853.7 | 852.2 | 850.7 | 849.2 | 847.8 |
| 125° | 938.1 | 939.5 | 940.1 | 940.8 | 941.5 | 942.1 | 942.0 | 941.0 | 940.0 | 938.9 | 937.9 |
| 127.5° | 1025.6 | 1027.5 | 1028.3 | 1029.0 | 1029.7 | 1030.5 | 1029.8 | 1027.6 | 1025.5 | 1023.3 | 1021.2 |
| 130° | 1082.9 | 1084.2 | 1085.2 | 1086.2 | 1087.2 | 1088.2 | 1087.4 | 1084.7 | 1082.0 | 1079.4 | 1076.7 |
| 132.5° | 1139.3 | 1140.9 | 1141.6 | 1142.4 | 1143.1 | 1143.9 | 1142.9 | 1140.2 | 1137.5 | 1134.8 | 1132.2 |
| 135° | 1223.1 | 1224.5 | 1224.8 | 1225.1 | 1225.5 | 1225.8 | 1225.0 | 1222.9 | 1220.9 | 1218.9 | 1216.9 |
| 137.5° | 1305.4 | 1306.8 | 1305.9 | 1305.0 | 1304.2 | 1303.3 | 1302.0 | 1300.4 | 1298.7 | 1297.0 | 1295.3 |
| 140° | 1358.3 | 1358.7 | 1358.3 | 1358.0 | 1357.7 | 1357.3 | 1356.3 | 1354.6 | 1353.0 | 1351.3 | 1349.6 |
| 142.5° | 1409.0 | 1409.3 | 1408.7 | 1408.1 | 1407.5 | 1406.9 | 1405.8 | 1404.1 | 1402.4 | 1400.7 | 1399.1 |
| 145° | 1483.5 | 1483.8 | 1482.8 | 1481.8 | 1480.8 | 1479.8 | 1479.0 | 1478.3 | 1477.6 | 1477.0 | 1476.3 |
| 147.5° | 1553.5 | 1553.5 | 1552.5 | 1551.6 | 1550.7 | 1549.7 | 1548.7 | 1547.5 | 1546.2 | 1545.0 | 1543.8 |
| 150° | 1596.9 | 1596.9 | 1596.2 | 1595.6 | 1594.9 | 1594.2 | 1593.6 | 1592.9 | 1592.2 | 1591.6 | 1590.9 |
| 152.5° | 1636.1 | 1635.5 | 1635.1 | 1634.7 | 1634.3 | 1633.9 | 1633.2 | 1632.3 | 1631.4 | 1630.4 | 1629.5 |
| 155° | 1693.3 | 1691.9 | 1691.6 | 1691.2 | 1690.9 | 1690.6 | 1690.4 | 1690.4 | 1690.4 | 1690.4 | 1690.4 |
| 157.5° | 1743.1 | 1741.7 | 1741.4 | 1741.1 | 1740.9 | 1740.6 | 1740.7 | 1741.1 | 1741.5 | 1741.9 | 1742.3 |
| 160° | 1773.5 | 1771.8 | 1771.8 | 1771.8 | 1771.8 | 1771.8 | 1772.2 | 1772.8 | 1773.5 | 1774.2 | 1774.9 |
| 162.5° | 1802.5 | 1800.8 | 1800.5 | 1800.3 | 1800.0 | 1799.7 | 1800.1 | 1801.0 | 1801.9 | 1802.9 | 1803.8 |
| 165° | 1838.7 | 1836.7 | 1836.7 | 1836.7 | 1836.7 | 1836.7 | 1837.2 | 1838.2 | 1839.2 | 1840.2 | 1841.2 |
| 167.5° | 1868.3 | 1866.2 | 1866.0 | 1865.7 | 1865.4 | 1865.2 | 1865.7 | 1867.0 | 1868.4 | 1869.7 | 1871.1 |
| 170° | 1884.3 | 1881.9 | 1881.9 | 1881.9 | 1881.9 | 1881.9 | 1882.6 | 1883.9 | 1885.3 | 1886.6 | 1887.9 |
| 172.5° | 1897.3 | 1895.2 | 1895.2 | 1895.2 | 1895.2 | 1895.2 | 1895.9 | 1897.2 | 1898.5 | 1899.9 | 1901.2 |
| 175° | 1911.1 | 1909.1 | 1909.1 | 1909.1 | 1909.1 | 1909.1 | 1909.7 | 1911.1 | 1912.4 | 1913.8 | 1915.1 |
| 177.5° | 1917.6 | 1916.0 | 1916.0 | 1916.0 | 1916.0 | 1916.0 | 1916.5 | 1917.6 | 1918.7 | 1919.8 | 1920.8 |
| 180° | 1919.6 | 1919.6 | 1919.6 | 1919.6 | 1919.6 | 1919.6 | 1919.6 | 1919.6 | 1919.6 | 1919.6 | 1919.6 |



TEST NUMBER: P332205

CATALOG NUMBER: S123DIW-S1000D1535U835-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1404.5 | 1404.5 | 1404.5 | 1404.5 | 1404.5 | 1404.5 | 1404.5 | 1404.5 | 1404.5 | 1404.5 | 1404.5 |
| 2.5° | 1413.2 | 1416.0 | 1425.2 | 1431.8 | 1439.4 | 1443.7 | 1448.1 | 1451.4 | 1455.7 | 1456.8 | 1472.6 |
| 5° | 1419.5 | 1433.1 | 1456.9 | 1474.6 | 1496.4 | 1520.2 | 1536.5 | 1544.0 | 1563.8 | 1580.1 | 1612.8 |
| 7.5° | 1417.7 | 1446.7 | 1482.7 | 1519.9 | 1560.0 | 1597.0 | 1629.1 | 1667.2 | 1694.3 | 1735.0 | 1775.1 |
| 10° | 1416.1 | 1454.9 | 1501.2 | 1548.8 | 1604.6 | 1656.3 | 1702.6 | 1754.3 | 1797.2 | 1853.7 | 1902.0 |
| 12.5° | 1411.2 | 1458.2 | 1522.4 | 1578.7 | 1646.5 | 1717.8 | 1786.4 | 1852.8 | 1890.8 | 1984.9 | 2029.4 |
| 15° | 1399.1 | 1454.9 | 1535.2 | 1620.9 | 1714.2 | 1798.5 | 1885.6 | 1955.1 | 2067.3 | 2149.7 | 2202.1 |
| 17.5° | 1376.0 | 1454.1 | 1549.3 | 1652.8 | 1766.1 | 1877.3 | 1976.0 | 2081.4 | 2200.4 | 2300.1 | 2406.2 |
| 20° | 1365.1 | 1450.8 | 1557.0 | 1671.3 | 1789.0 | 1914.9 | 2027.2 | 2153.8 | 2283.7 | 2381.7 | 2517.8 |
| 22.5° | 1344.9 | 1442.1 | 1556.4 | 1683.8 | 1809.7 | 1939.9 | 2071.3 | 2198.9 | 2349.1 | 2484.1 | 2613.6 |
| 25° | 1312.0 | 1420.9 | 1539.3 | 1681.5 | 1829.2 | 1959.8 | 2117.0 | 2286.5 | 2443.0 | 2616.5 | 2745.8 |
| 27.5° | 1277.4 | 1393.6 | 1512.3 | 1644.6 | 1803.4 | 1958.5 | 2156.2 | 2347.7 | 2539.0 | 2688.9 | 2784.6 |
| 30° | 1250.7 | 1363.7 | 1486.2 | 1619.6 | 1776.8 | 1961.2 | 2182.3 | 2391.2 | 2577.7 | 2706.3 | 2760.1 |
| 32.5° | 1221.9 | 1336.5 | 1444.8 | 1584.7 | 1752.3 | 1959.5 | 2198.7 | 2416.8 | 2579.9 | 2665.5 | 2655.0 |
| 35° | 1176.6 | 1272.5 | 1378.0 | 1512.7 | 1710.1 | 1947.6 | 2208.2 | 2419.1 | 2519.2 | 2500.8 | 2362.0 |
| 37.5° | 1111.2 | 1191.9 | 1295.8 | 1443.3 | 1661.1 | 1922.4 | 2189.1 | 2347.4 | 2340.9 | 2191.3 | 1990.2 |
| 40° | 1070.4 | 1139.1 | 1239.2 | 1394.3 | 1623.0 | 1906.1 | 2159.2 | 2262.0 | 2174.9 | 1965.9 | 1725.0 |
| 42.5° | 1017.1 | 1080.3 | 1180.4 | 1339.9 | 1581.1 | 1872.8 | 2102.0 | 2131.8 | 1961.4 | 1721.0 | 1500.2 |
| 45° | 934.3 | 990.1 | 1093.5 | 1258.2 | 1518.2 | 1800.6 | 1962.5 | 1889.7 | 1660.4 | 1412.0 | 1243.9 |
| 47.5° | 845.4 | 903.4 | 1002.9 | 1172.1 | 1427.3 | 1691.8 | 1769.0 | 1614.1 | 1378.7 | 1177.2 | 1022.9 |
| 50° | 789.4 | 845.2 | 942.5 | 1113.3 | 1365.7 | 1602.6 | 1634.5 | 1434.5 | 1218.1 | 1041.2 | 914.6 |
| 52.5° | 732.8 | 785.3 | 881.0 | 1052.3 | 1293.9 | 1499.1 | 1479.4 | 1275.5 | 1076.5 | 925.7 | 826.4 |
| 55° | 648.5 | 698.2 | 789.4 | 950.0 | 1169.8 | 1332.4 | 1261.0 | 1066.3 | 901.7 | 784.6 | 709.1 |
| 57.5° | 573.1 | 620.7 | 699.4 | 844.5 | 1035.6 | 1147.3 | 1056.4 | 892.4 | 761.5 | 671.4 | 615.0 |
| 60° | 521.9 | 564.1 | 639.0 | 773.7 | 939.8 | 1024.8 | 935.0 | 790.1 | 679.8 | 607.7 | 557.3 |
| 62.5° | 473.5 | 510.2 | 579.6 | 701.9 | 846.1 | 917.6 | 826.7 | 704.0 | 610.1 | 546.2 | 503.4 |
| 65° | 400.1 | 433.5 | 494.7 | 590.0 | 708.4 | 756.0 | 677.8 | 578.4 | 505.6 | 458.0 | 429.4 |
| 67.5° | 333.2 | 361.5 | 414.4 | 489.4 | 576.5 | 611.2 | 551.6 | 474.7 | 419.9 | 381.6 | 358.9 |
| 70° | 288.5 | 313.0 | 354.5 | 419.2 | 498.1 | 524.7 | 468.9 | 405.6 | 365.4 | 334.8 | 313.7 |
| 72.5° | 251.0 | 268.9 | 306.6 | 356.6 | 422.4 | 443.5 | 404.6 | 349.0 | 311.5 | 288.5 | 271.8 |
| 75° | 191.2 | 206.2 | 230.7 | 270.8 | 316.4 | 328.7 | 299.4 | 264.7 | 239.5 | 223.2 | 210.3 |
| 77.5° | 137.9 | 148.9 | 166.6 | 191.4 | 222.9 | 234.0 | 215.4 | 192.3 | 173.9 | 162.9 | 155.7 |
| 80° | 104.1 | 113.0 | 127.9 | 148.3 | 167.4 | 173.5 | 162.6 | 144.9 | 132.0 | 125.9 | 119.8 |
| 82.5° | 76.9 | 81.9 | 90.9 | 104.8 | 117.9 | 125.1 | 115.8 | 105.2 | 98.3 | 92.7 | 90.4 |
| 85° | 38.8 | 41.5 | 45.6 | 51.0 | 59.2 | 61.9 | 58.5 | 55.8 | 51.7 | 48.3 | 48.3 |
| 87.5° | 15.1 | 15.8 | 18.1 | 19.9 | 22.8 | 25.3 | 25.6 | 25.4 | 25.7 | 25.5 | 25.2 |
| 90° | 4.9 | 8.2 | 11.6 | 14.9 | 18.8 | 23.1 | 27.5 | 31.8 | 36.2 | 37.5 | 38.9 |
| 92.5° | 38.8 | 41.0 | 43.3 | 45.6 | 48.0 | 50.5 | 52.9 | 55.4 | 57.9 | 59.0 | 60.0 |
| 95° | 91.3 | 93.7 | 96.0 | 98.4 | 100.9 | 103.5 | 106.2 | 108.9 | 111.6 | 112.9 | 114.3 |
| 97.5° | 159.8 | 161.5 | 163.3 | 165.0 | 166.8 | 168.8 | 170.7 | 172.7 | 174.6 | 176.2 | 177.7 |
| 100° | 207.1 | 209.1 | 211.1 | 213.1 | 215.0 | 216.6 | 218.3 | 220.0 | 221.7 | 222.7 | 223.7 |
| 102.5° | 260.6 | 261.8 | 263.0 | 264.2 | 265.9 | 268.1 | 270.3 | 272.5 | 274.7 | 275.8 | 276.8 |
| 105° | 340.0 | 340.6 | 341.3 | 342.0 | 343.8 | 346.8 | 349.8 | 352.9 | 355.9 | 355.9 | 355.9 |
| 107.5° | 432.6 | 433.0 | 433.4 | 433.8 | 434.6 | 435.8 | 437.0 | 438.2 | 439.4 | 440.5 | 441.6 |
| 110° | 490.8 | 491.4 | 492.1 | 492.8 | 493.4 | 494.1 | 494.8 | 495.4 | 496.1 | 497.5 | 498.8 |



TEST NUMBER: P332205

CATALOG NUMBER: S123DIW-S1000D1535U835-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 550.8 | 551.2 | 551.6 | 552.0 | 552.3 | 552.4 | 552.5 | 552.7 | 552.8 | 554.4 | 556.0 |
| 115° | 641.9 | 642.9 | 643.9 | 644.9 | 645.1 | 644.4 | 643.7 | 643.1 | 642.4 | 642.7 | 643.1 |
| 117.5° | 732.6 | 733.3 | 734.0 | 734.6 | 734.5 | 733.7 | 732.8 | 731.9 | 731.1 | 731.0 | 730.9 |
| 120° | 790.7 | 792.7 | 794.7 | 796.7 | 796.9 | 795.2 | 793.5 | 791.8 | 790.2 | 789.8 | 789.5 |
| 122.5° | 849.2 | 850.7 | 852.2 | 853.7 | 854.0 | 853.1 | 852.2 | 851.4 | 850.5 | 849.6 | 848.7 |
| 125° | 938.9 | 940.0 | 941.0 | 942.0 | 942.1 | 941.5 | 940.8 | 940.1 | 939.5 | 938.1 | 936.8 |
| 127.5° | 1023.3 | 1025.5 | 1027.6 | 1029.8 | 1030.5 | 1029.7 | 1029.0 | 1028.3 | 1027.5 | 1025.6 | 1023.8 |
| 130° | 1079.4 | 1082.0 | 1084.7 | 1087.4 | 1088.2 | 1087.2 | 1086.2 | 1085.2 | 1084.2 | 1082.9 | 1081.5 |
| 132.5° | 1134.8 | 1137.5 | 1140.2 | 1142.9 | 1143.9 | 1143.1 | 1142.4 | 1141.6 | 1140.9 | 1139.3 | 1137.7 |
| 135° | 1218.9 | 1220.9 | 1222.9 | 1225.0 | 1225.8 | 1225.5 | 1225.1 | 1224.8 | 1224.5 | 1223.1 | 1221.8 |
| 137.5° | 1297.0 | 1298.7 | 1300.4 | 1302.0 | 1303.3 | 1304.2 | 1305.0 | 1305.9 | 1306.8 | 1305.4 | 1304.0 |
| 140° | 1351.3 | 1353.0 | 1354.6 | 1356.3 | 1357.3 | 1357.7 | 1358.0 | 1358.3 | 1358.7 | 1358.3 | 1358.0 |
| 142.5° | 1400.7 | 1402.4 | 1404.1 | 1405.8 | 1406.9 | 1407.5 | 1408.1 | 1408.7 | 1409.3 | 1409.0 | 1408.7 |
| 145° | 1477.0 | 1477.6 | 1478.3 | 1479.0 | 1479.8 | 1480.8 | 1481.8 | 1482.8 | 1483.8 | 1483.5 | 1483.1 |
| 147.5° | 1545.0 | 1546.2 | 1547.5 | 1548.7 | 1549.7 | 1550.7 | 1551.6 | 1552.5 | 1553.5 | 1553.5 | 1553.5 |
| 150° | 1591.6 | 1592.2 | 1592.9 | 1593.6 | 1594.2 | 1594.9 | 1595.6 | 1596.2 | 1596.9 | 1596.9 | 1596.9 |
| 152.5° | 1630.4 | 1631.4 | 1632.3 | 1633.2 | 1633.9 | 1634.3 | 1634.7 | 1635.1 | 1635.5 | 1636.1 | 1636.6 |
| 155° | 1690.4 | 1690.4 | 1690.4 | 1690.4 | 1690.6 | 1690.9 | 1691.2 | 1691.6 | 1691.9 | 1693.3 | 1694.6 |
| 157.5° | 1741.9 | 1741.5 | 1741.1 | 1740.7 | 1740.6 | 1740.9 | 1741.1 | 1741.4 | 1741.7 | 1743.1 | 1744.5 |
| 160° | 1774.2 | 1773.5 | 1772.8 | 1772.2 | 1771.8 | 1771.8 | 1771.8 | 1771.8 | 1771.8 | 1773.5 | 1775.2 |
| 162.5° | 1802.9 | 1801.9 | 1801.0 | 1800.1 | 1799.7 | 1800.0 | 1800.3 | 1800.5 | 1800.8 | 1802.5 | 1804.1 |
| 165° | 1840.2 | 1839.2 | 1838.2 | 1837.2 | 1836.7 | 1836.7 | 1836.7 | 1836.7 | 1836.7 | 1838.7 | 1840.7 |
| 167.5° | 1869.7 | 1868.4 | 1867.0 | 1865.7 | 1865.2 | 1865.4 | 1865.7 | 1866.0 | 1866.2 | 1868.3 | 1870.4 |
| 170° | 1886.6 | 1885.3 | 1883.9 | 1882.6 | 1881.9 | 1881.9 | 1881.9 | 1881.9 | 1881.9 | 1884.3 | 1886.6 |
| 172.5° | 1899.9 | 1898.5 | 1897.2 | 1895.9 | 1895.2 | 1895.2 | 1895.2 | 1895.2 | 1895.2 | 1897.3 | 1899.3 |
| 175° | 1913.8 | 1912.4 | 1911.1 | 1909.7 | 1909.1 | 1909.1 | 1909.1 | 1909.1 | 1909.1 | 1911.1 | 1913.1 |
| 177.5° | 1919.8 | 1918.7 | 1917.6 | 1916.5 | 1916.0 | 1916.0 | 1916.0 | 1916.0 | 1916.0 | 1917.6 | 1919.2 |
| 180° | 1919.6 | 1919.6 | 1919.6 | 1919.6 | 1919.6 | 1919.6 | 1919.6 | 1919.6 | 1919.6 | 1919.6 | 1919.6 |



TEST NUMBER: P332205

CATALOG NUMBER: S123DIW-S1000D1535U835-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1404.5 | 1404.5 | 1404.5 | 1404.5 | 1404.5 | 1404.5 | 1404.5 |
| 2.5° | 1478.0 | 1478.6 | 1484.6 | 1488.9 | 1486.7 | 1489.5 | 1490.5 |
| 5° | 1614.8 | 1639.3 | 1652.2 | 1661.8 | 1662.4 | 1663.1 | 1668.6 |
| 7.5° | 1808.7 | 1835.0 | 1854.2 | 1883.3 | 1892.0 | 1902.0 | 1899.1 |
| 10° | 1950.3 | 1989.1 | 2022.4 | 2040.1 | 2059.2 | 2087.1 | 2064.6 |
| 12.5° | 2082.6 | 2151.3 | 2202.1 | 2229.6 | 2247.5 | 2253.1 | 2242.1 |
| 15° | 2300.7 | 2390.6 | 2438.9 | 2437.5 | 2498.8 | 2525.3 | 2483.8 |
| 17.5° | 2500.8 | 2583.7 | 2650.1 | 2684.1 | 2735.2 | 2746.5 | 2741.3 |
| 20° | 2623.3 | 2713.8 | 2765.5 | 2824.0 | 2850.6 | 2874.4 | 2878.5 |
| 22.5° | 2728.9 | 2810.2 | 2865.7 | 2914.4 | 2936.6 | 2947.9 | 2954.7 |
| 25° | 2837.6 | 2901.6 | 2935.0 | 2952.0 | 2958.1 | 2956.7 | 2947.9 |
| 27.5° | 2830.2 | 2835.1 | 2798.3 | 2762.3 | 2730.0 | 2693.7 | 2681.1 |
| 30° | 2756.7 | 2699.5 | 2597.4 | 2539.6 | 2454.5 | 2387.2 | 2414.4 |
| 32.5° | 2563.4 | 2449.6 | 2335.0 | 2208.6 | 2103.9 | 2074.1 | 2044.2 |
| 35° | 2187.8 | 1987.7 | 1870.7 | 1734.6 | 1680.1 | 1625.7 | 1588.3 |
| 37.5° | 1770.0 | 1615.2 | 1476.4 | 1387.4 | 1332.8 | 1298.4 | 1279.9 |
| 40° | 1530.4 | 1390.9 | 1276.6 | 1204.5 | 1163.0 | 1124.2 | 1118.7 |
| 42.5° | 1339.3 | 1209.6 | 1123.6 | 1066.2 | 1026.3 | 1009.8 | 997.9 |
| 45° | 1097.0 | 1006.4 | 948.6 | 907.8 | 881.2 | 871.0 | 857.4 |
| 47.5° | 928.5 | 864.5 | 821.1 | 793.3 | 773.3 | 765.7 | 764.6 |
| 50° | 834.3 | 781.2 | 749.2 | 727.4 | 711.8 | 709.1 | 698.2 |
| 52.5° | 763.5 | 717.5 | 692.6 | 673.6 | 662.3 | 654.6 | 651.4 |
| 55° | 662.8 | 632.2 | 609.7 | 598.8 | 590.0 | 582.5 | 582.5 |
| 57.5° | 579.9 | 554.3 | 539.5 | 530.2 | 527.5 | 522.2 | 518.8 |
| 60° | 528.7 | 507.0 | 495.4 | 487.2 | 481.8 | 482.5 | 476.3 |
| 62.5° | 478.7 | 464.5 | 453.5 | 445.3 | 438.8 | 438.9 | 439.3 |
| 65° | 407.6 | 396.7 | 388.6 | 385.8 | 381.8 | 377.0 | 378.4 |
| 67.5° | 345.4 | 335.2 | 328.8 | 324.2 | 322.8 | 320.2 | 324.2 |
| 70° | 300.8 | 293.3 | 288.5 | 284.4 | 283.1 | 283.8 | 287.2 |
| 72.5° | 259.9 | 254.6 | 251.5 | 249.6 | 246.6 | 246.7 | 249.1 |
| 75° | 204.1 | 200.1 | 197.3 | 195.3 | 194.6 | 194.6 | 194.6 |
| 77.5° | 150.0 | 149.0 | 147.8 | 144.8 | 144.9 | 145.8 | 145.9 |
| 80° | 118.4 | 116.4 | 115.7 | 114.3 | 112.3 | 110.9 | 114.3 |
| 82.5° | 88.5 | 86.4 | 85.7 | 85.5 | 82.3 | 82.1 | 84.9 |
| 85° | 47.6 | 45.6 | 46.3 | 45.6 | 45.6 | 44.9 | 44.9 |
| 87.5° | 24.9 | 24.6 | 24.3 | 25.0 | 24.6 | 24.2 | 25.4 |
| 90° | 40.2 | 41.6 | 42.6 | 43.2 | 43.9 | 44.6 | 45.2 |
| 92.5° | 61.1 | 62.2 | 62.5 | 62.1 | 61.7 | 61.3 | 60.9 |
| 95° | 115.6 | 116.9 | 117.6 | 117.6 | 117.6 | 117.6 | 117.6 |
| 97.5° | 179.2 | 180.8 | 181.5 | 181.4 | 181.2 | 181.1 | 181.0 |
| 100° | 224.7 | 225.7 | 226.5 | 227.2 | 227.9 | 228.5 | 229.2 |
| 102.5° | 277.8 | 278.8 | 279.2 | 279.1 | 278.9 | 278.8 | 278.7 |
| 105° | 355.9 | 355.9 | 356.2 | 356.9 | 357.6 | 358.2 | 358.9 |
| 107.5° | 442.6 | 443.7 | 444.0 | 443.6 | 443.2 | 442.8 | 442.4 |
| 110° | 500.1 | 501.5 | 501.8 | 501.1 | 500.5 | 499.8 | 499.1 |



TEST NUMBER: P332205

CATALOG NUMBER: S123DIW-S1000D1535U835-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 557.6 | 559.2 | 560.0 | 559.9 | 559.7 | 559.6 | 559.4 |
| 115° | 643.4 | 643.7 | 643.7 | 643.4 | 643.1 | 642.7 | 642.4 |
| 117.5° | 730.9 | 730.8 | 730.3 | 729.3 | 728.4 | 727.5 | 726.5 |
| 120° | 789.2 | 788.8 | 788.3 | 787.7 | 787.0 | 786.3 | 785.6 |
| 122.5° | 847.9 | 847.0 | 846.1 | 845.2 | 844.2 | 843.3 | 842.3 |
| 125° | 935.4 | 934.1 | 932.7 | 931.4 | 930.1 | 928.7 | 927.4 |
| 127.5° | 1021.9 | 1020.0 | 1018.3 | 1016.8 | 1015.2 | 1013.7 | 1012.1 |
| 130° | 1080.2 | 1078.9 | 1077.0 | 1074.7 | 1072.3 | 1070.0 | 1067.6 |
| 132.5° | 1136.1 | 1134.5 | 1132.8 | 1131.0 | 1129.2 | 1127.3 | 1125.5 |
| 135° | 1220.4 | 1219.1 | 1218.1 | 1217.4 | 1216.7 | 1216.1 | 1215.4 |
| 137.5° | 1302.6 | 1301.2 | 1299.8 | 1298.5 | 1297.3 | 1296.0 | 1294.7 |
| 140° | 1357.7 | 1357.3 | 1356.0 | 1353.6 | 1351.3 | 1348.9 | 1346.6 |
| 142.5° | 1408.3 | 1408.0 | 1406.9 | 1405.1 | 1403.3 | 1401.5 | 1399.7 |
| 145° | 1482.8 | 1482.5 | 1481.6 | 1480.3 | 1479.0 | 1477.6 | 1476.3 |
| 147.5° | 1553.5 | 1553.5 | 1552.5 | 1550.5 | 1548.5 | 1546.4 | 1544.4 |
| 150° | 1596.9 | 1596.9 | 1595.9 | 1593.9 | 1591.9 | 1589.9 | 1587.9 |
| 152.5° | 1637.1 | 1637.7 | 1637.1 | 1635.3 | 1633.6 | 1631.8 | 1630.1 |
| 155° | 1695.9 | 1697.3 | 1696.8 | 1694.4 | 1692.1 | 1689.7 | 1687.4 |
| 157.5° | 1745.9 | 1747.3 | 1747.1 | 1745.2 | 1743.3 | 1741.4 | 1739.6 |
| 160° | 1776.9 | 1778.5 | 1778.7 | 1777.4 | 1776.0 | 1774.7 | 1773.3 |
| 162.5° | 1805.8 | 1807.5 | 1807.3 | 1805.1 | 1803.0 | 1800.8 | 1798.7 |
| 165° | 1842.7 | 1844.7 | 1844.6 | 1842.2 | 1839.9 | 1837.5 | 1835.2 |
| 167.5° | 1872.5 | 1874.5 | 1874.5 | 1872.5 | 1870.4 | 1868.3 | 1866.2 |
| 170° | 1889.0 | 1891.3 | 1891.3 | 1889.0 | 1886.6 | 1884.3 | 1881.9 |
| 172.5° | 1901.4 | 1903.5 | 1903.4 | 1901.0 | 1898.7 | 1896.3 | 1894.0 |
| 175° | 1915.1 | 1917.1 | 1916.9 | 1914.6 | 1912.2 | 1909.9 | 1907.6 |
| 177.5° | 1920.8 | 1922.4 | 1922.3 | 1920.4 | 1918.5 | 1916.7 | 1914.8 |
| 180° | 1919.6 | 1919.6 | 1919.6 | 1919.6 | 1919.6 | 1919.6 | 1919.6 |

(END OF REPORT)