

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: P331838-830

Luminaire Tested: **S122RDIW-S865D1240U830-4F0-1E-UDD-A1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P331838-830
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-8,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S122RDIW-S865D1240U830-4F0-1E-UDD-A1
Description: DEFINE 2 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE
DOWNLIGHT 865 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 1240 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7165.9 lumens
Efficiency: N/A
Efficacy: 102.7 lumens/watt
Spacing Criteria (0/90/45): 0.86 / 1.16 / 1.02
Luminous Opening: Rectangular (W 4' x L: 0.17' x H: 0')
CIE Type: General Diffuse

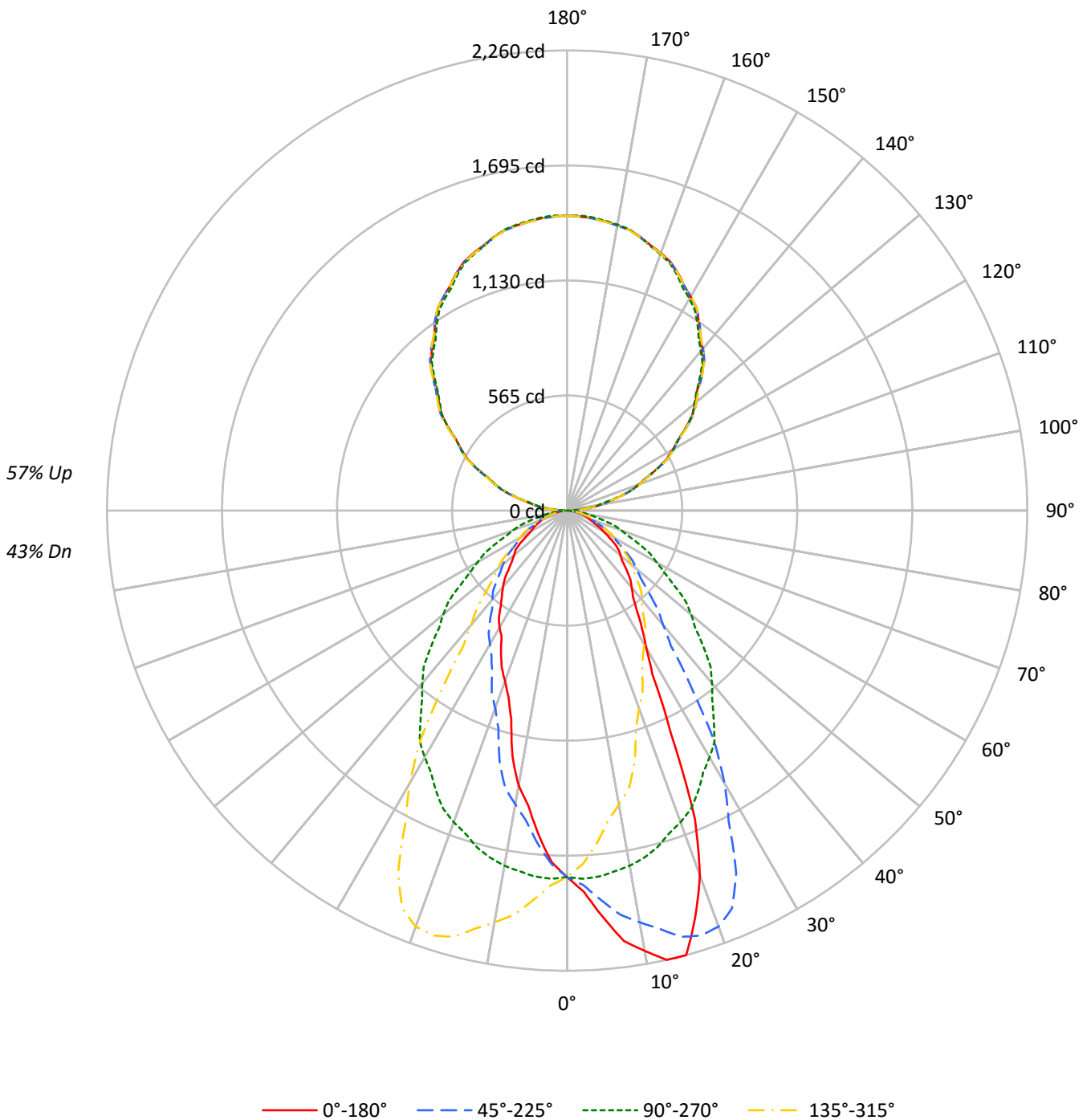
Input Watts (W): 69.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P331838-830

CATALOG NUMBER: S122RDIW-S865D1240U830-4F0-1E-UDD-A1

Luminous Intensity Polar Plot





TEST NUMBER: P331838-830

CATALOG NUMBER: S122RDIW-S865D1240U830-4F0-1E-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 | 0 |
| RCR | | | | | | | | | | | | | | | | | | |
| 0 | 106 | 106 | 106 | 106 | 97 | 97 | 97 | 97 | 80 | 80 | 80 | 64 | 64 | 64 | 50 | 50 | 50 | 43 |
| 1 | 97 | 93 | 89 | 86 | 89 | 85 | 82 | 79 | 71 | 69 | 67 | 58 | 56 | 55 | 45 | 44 | 44 | 38 |
| 2 | 89 | 82 | 76 | 71 | 81 | 75 | 70 | 66 | 63 | 59 | 56 | 51 | 49 | 47 | 41 | 39 | 38 | 33 |
| 3 | 82 | 73 | 66 | 60 | 74 | 67 | 61 | 56 | 56 | 52 | 48 | 46 | 43 | 40 | 37 | 35 | 33 | 29 |
| 4 | 75 | 65 | 57 | 52 | 68 | 60 | 53 | 48 | 50 | 46 | 42 | 42 | 38 | 35 | 33 | 31 | 29 | 25 |
| 5 | 69 | 58 | 50 | 45 | 63 | 54 | 47 | 42 | 45 | 40 | 37 | 38 | 34 | 31 | 30 | 28 | 26 | 23 |
| 6 | 64 | 52 | 45 | 39 | 58 | 49 | 42 | 37 | 41 | 36 | 32 | 34 | 31 | 28 | 28 | 25 | 23 | 20 |
| 7 | 59 | 48 | 40 | 35 | 54 | 44 | 37 | 33 | 38 | 33 | 29 | 32 | 28 | 25 | 26 | 23 | 21 | 18 |
| 8 | 55 | 43 | 36 | 31 | 51 | 40 | 34 | 29 | 35 | 29 | 26 | 29 | 25 | 22 | 24 | 21 | 19 | 17 |
| 9 | 51 | 40 | 33 | 28 | 47 | 37 | 31 | 26 | 32 | 27 | 23 | 27 | 23 | 20 | 22 | 19 | 17 | 15 |
| 10 | 48 | 37 | 30 | 25 | 44 | 34 | 28 | 24 | 29 | 25 | 21 | 25 | 21 | 19 | 21 | 18 | 16 | 14 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 29061 | 29061 | 29061 | 29061 |
| 5° | 32456 | 29242 | 25929 | 29242 |
| 10° | 36008 | 29037 | 22474 | 29037 |
| 15° | 37778 | 28612 | 17708 | 28612 |
| 20° | 32752 | 27981 | 15323 | 27981 |
| 25° | 21480 | 27118 | 13682 | 27118 |
| 30° | 14458 | 26071 | 12381 | 26071 |
| 35° | 11710 | 24750 | 11168 | 24750 |
| 40° | 10414 | 23317 | 10334 | 23317 |
| 45° | 9423 | 21633 | 9225 | 21633 |
| 50° | 8578 | 19964 | 8545 | 19964 |
| 55° | 8062 | 18117 | 7958 | 18117 |
| 60° | 6746 | 16417 | 6665 | 16417 |
| 65° | 5685 | 14907 | 6449 | 14907 |
| 70° | 5254 | 13312 | 6080 | 13312 |
| 75° | 4916 | 11591 | 5614 | 11591 |
| 80° | 4537 | 9530 | 5002 | 9530 |
| 85° | 4168 | 7521 | 4409 | 7521 |



TEST NUMBER: P331838-830

CATALOG NUMBER: S122RDIW-S865D1240U830-4F0-1E-UDD-A1

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 170.6 | 2.4 |
| 10°-20° | 475.4 | 6.6 |
| 20°-30° | 612.6 | 8.5 |
| 30°-40° | 582.2 | 8.1 |
| 40°-50° | 498.7 | 7.0 |
| 50°-60° | 379.8 | 5.3 |
| 60°-70° | 240.1 | 3.4 |
| 70°-80° | 119.9 | 1.7 |
| 80°-90° | 37.0 | 0.5 |
| 90°-100° | 91.8 | 1.3 |
| 100°-110° | 285.0 | 4.0 |
| 110°-120° | 487.2 | 6.8 |
| 120°-130° | 640.7 | 8.9 |
| 130°-140° | 719.1 | 10.0 |
| 140°-150° | 705.1 | 9.8 |
| 150°-160° | 591.4 | 8.3 |
| 160°-170° | 392.2 | 5.5 |
| 170°-180° | 137.1 | 1.9 |
| 0°-30° | 1258.6 | 17.6 |
| 0°-40° | 1840.8 | 25.7 |
| 0°-60° | 2719.4 | 37.9 |
| 0°-90° | 3116.3 | 43.5 |
| 90°-120° | 864.0 | 12.1 |
| 90°-150° | 2928.8 | 40.9 |
| 90°-180° | 4050.0 | 56.5 |
| 0°-180° | 7165.9 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 1800 | 1800 | 1800 | 1800 | 1800 | |
| 5° | 2002 | 1804 | 1600 | 1804 | 2002 | 198 |
| 15° | 2260 | 1712 | 1059 | 1712 | 2260 | 610 |
| 25° | 1206 | 1522 | 768 | 1522 | 1206 | 572 |
| 35° | 594 | 1256 | 567 | 1256 | 594 | 380 |
| 45° | 413 | 947 | 404 | 947 | 413 | 319 |
| 55° | 286 | 644 | 283 | 644 | 286 | 251 |
| 65° | 149 | 390 | 169 | 390 | 149 | 152 |
| 75° | 79 | 186 | 90 | 186 | 79 | 84 |
| 85° | 22 | 41 | 24 | 41 | 22 | 25 |
| 90° | 42 | 1 | 42 | 1 | 42 | 19 |
| 95° | 76 | 64 | 76 | 64 | 76 | 84 |
| 105° | 271 | 263 | 271 | 263 | 271 | 285 |
| 115° | 489 | 489 | 489 | 489 | 489 | 483 |
| 125° | 714 | 711 | 714 | 711 | 714 | 636 |
| 135° | 931 | 920 | 931 | 920 | 931 | 717 |
| 145° | 1129 | 1117 | 1129 | 1117 | 1129 | 705 |
| 155° | 1287 | 1277 | 1287 | 1277 | 1287 | 592 |
| 165° | 1391 | 1390 | 1391 | 1390 | 1391 | 392 |
| 175° | 1441 | 1446 | 1441 | 1446 | 1441 | 137 |
| 180° | 1448 | 1448 | 1448 | 1448 | 1448 | |



TEST NUMBER: P331838-830

CATALOG NUMBER: S122RDIW-S865D1240U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 |
| 2.5° | 1872.9 | 1874.4 | 1875.9 | 1872.4 | 1872.4 | 1869.4 | 1862.9 | 1857.9 | 1843.9 | 1841.9 | 1841.9 |
| 5° | 2002.5 | 2001.2 | 2003.8 | 1995.6 | 1984.3 | 1981.9 | 1970.0 | 1954.4 | 1938.1 | 1920.0 | 1916.2 |
| 7.5° | 2131.3 | 2129.4 | 2124.4 | 2123.1 | 2114.4 | 2095.6 | 2076.4 | 2056.1 | 2029.0 | 2002.6 | 1989.3 |
| 10° | 2196.3 | 2217.0 | 2204.5 | 2182.6 | 2187.0 | 2157.6 | 2141.9 | 2115.1 | 2092.5 | 2053.1 | 2044.4 |
| 12.5° | 2260.4 | 2268.5 | 2264.6 | 2252.1 | 2246.6 | 2226.1 | 2205.0 | 2181.6 | 2140.0 | 2104.7 | 2073.9 |
| 15° | 2260.1 | 2272.0 | 2275.1 | 2271.4 | 2274.5 | 2273.3 | 2262.0 | 2242.6 | 2206.4 | 2167.6 | 2133.8 |
| 17.5° | 2093.3 | 2101.6 | 2122.0 | 2135.9 | 2153.4 | 2190.5 | 2208.8 | 2215.8 | 2210.5 | 2188.3 | 2164.5 |
| 20° | 1906.2 | 1892.4 | 1949.9 | 1979.3 | 2004.3 | 2066.9 | 2120.7 | 2141.4 | 2174.4 | 2173.9 | 2167.6 |
| 22.5° | 1641.0 | 1644.3 | 1698.8 | 1733.7 | 1806.8 | 1869.3 | 1930.6 | 2008.3 | 2072.4 | 2114.8 | 2139.6 |
| 25° | 1205.7 | 1229.5 | 1283.9 | 1331.4 | 1412.8 | 1529.1 | 1634.7 | 1757.4 | 1873.0 | 1964.4 | 2051.3 |
| 27.5° | 905.6 | 907.3 | 950.5 | 994.4 | 1042.6 | 1137.9 | 1271.0 | 1417.4 | 1582.3 | 1718.4 | 1875.0 |
| 30° | 775.5 | 771.8 | 789.9 | 816.7 | 858.0 | 931.8 | 1031.9 | 1175.7 | 1340.2 | 1545.3 | 1728.0 |
| 32.5° | 683.4 | 683.6 | 697.3 | 717.2 | 751.5 | 801.3 | 869.8 | 986.7 | 1142.1 | 1343.7 | 1557.8 |
| 35° | 594.1 | 593.5 | 603.5 | 617.8 | 632.3 | 664.1 | 711.1 | 772.3 | 879.3 | 1067.5 | 1286.4 |
| 37.5° | 530.1 | 532.8 | 537.7 | 546.7 | 562.6 | 580.3 | 608.5 | 649.7 | 725.9 | 837.2 | 1021.2 |
| 40° | 494.1 | 495.3 | 502.2 | 509.7 | 519.1 | 532.8 | 556.0 | 589.1 | 644.8 | 733.6 | 868.0 |
| 42.5° | 461.0 | 462.3 | 467.1 | 474.2 | 481.5 | 495.3 | 514.4 | 543.1 | 588.2 | 657.5 | 768.5 |
| 45° | 412.7 | 412.7 | 417.2 | 420.3 | 428.4 | 440.9 | 456.6 | 480.3 | 511.5 | 562.9 | 636.7 |
| 47.5° | 367.5 | 367.6 | 370.5 | 375.9 | 381.0 | 390.8 | 406.1 | 425.6 | 448.3 | 488.0 | 551.0 |
| 50° | 341.5 | 342.0 | 343.9 | 348.4 | 351.5 | 360.2 | 372.1 | 389.0 | 412.7 | 443.4 | 496.0 |
| 52.5° | 320.5 | 320.1 | 322.4 | 324.3 | 326.5 | 332.7 | 341.6 | 356.5 | 377.8 | 404.4 | 447.9 |
| 55° | 286.4 | 283.9 | 287.7 | 290.8 | 292.7 | 295.2 | 300.2 | 309.5 | 327.7 | 350.2 | 382.8 |
| 57.5° | 243.9 | 242.9 | 245.5 | 248.4 | 254.3 | 261.0 | 265.3 | 271.3 | 280.7 | 296.8 | 329.0 |
| 60° | 208.9 | 208.9 | 214.5 | 216.4 | 223.3 | 232.1 | 240.8 | 245.8 | 255.1 | 265.8 | 289.5 |
| 62.5° | 177.9 | 178.3 | 181.0 | 182.9 | 186.7 | 197.5 | 209.7 | 220.7 | 229.6 | 239.8 | 255.5 |
| 65° | 148.8 | 150.1 | 150.1 | 151.4 | 153.8 | 156.4 | 161.4 | 170.1 | 185.8 | 200.1 | 212.0 |
| 67.5° | 126.3 | 126.7 | 127.1 | 128.4 | 128.9 | 131.7 | 133.7 | 137.6 | 141.2 | 154.9 | 169.6 |
| 70° | 111.3 | 113.2 | 112.5 | 113.9 | 114.4 | 115.6 | 118.2 | 120.1 | 125.7 | 128.8 | 137.6 |
| 72.5° | 97.3 | 98.7 | 98.6 | 99.3 | 100.9 | 101.2 | 103.2 | 105.1 | 108.7 | 111.3 | 116.0 |
| 75° | 78.8 | 78.1 | 78.8 | 80.0 | 80.7 | 81.3 | 81.3 | 83.8 | 85.7 | 88.2 | 91.3 |
| 77.5° | 60.8 | 61.5 | 61.3 | 61.5 | 61.5 | 62.7 | 62.6 | 63.6 | 65.5 | 66.8 | 68.3 |
| 80° | 48.8 | 49.4 | 48.8 | 49.4 | 50.0 | 50.6 | 50.0 | 50.6 | 52.5 | 53.8 | 53.8 |
| 82.5° | 37.8 | 37.9 | 38.3 | 38.4 | 38.5 | 38.6 | 39.5 | 39.7 | 41.0 | 40.8 | 41.3 |
| 85° | 22.5 | 21.9 | 21.9 | 21.9 | 22.5 | 23.1 | 22.5 | 22.5 | 23.1 | 23.1 | 23.1 |
| 87.5° | 16.3 | 16.8 | 16.7 | 16.7 | 16.6 | 16.6 | 16.8 | 17.3 | 17.0 | 17.5 | 15.8 |
| 90° | 41.6 | 41.3 | 41.0 | 40.7 | 40.4 | 40.6 | 41.2 | 41.7 | 42.2 | 42.8 | 36.8 |
| 92.5° | 39.6 | 39.6 | 39.5 | 39.4 | 39.4 | 39.3 | 39.2 | 39.1 | 38.9 | 38.8 | 37.4 |
| 95° | 75.8 | 76.3 | 76.8 | 77.4 | 77.9 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 77.7 |
| 97.5° | 131.3 | 131.3 | 131.4 | 131.4 | 131.5 | 131.5 | 131.5 | 131.5 | 131.5 | 131.5 | 130.4 |
| 100° | 167.4 | 167.7 | 168.0 | 168.2 | 168.5 | 168.6 | 168.6 | 168.6 | 168.6 | 168.6 | 167.9 |
| 102.5° | 208.5 | 208.8 | 209.1 | 209.3 | 209.6 | 209.6 | 209.4 | 209.2 | 209.0 | 208.8 | 207.7 |
| 105° | 271.4 | 271.4 | 271.4 | 271.4 | 271.4 | 271.1 | 270.5 | 269.9 | 269.4 | 268.9 | 268.3 |
| 107.5° | 330.5 | 331.7 | 333.0 | 334.2 | 335.5 | 336.0 | 335.7 | 335.5 | 335.4 | 335.1 | 335.1 |
| 110° | 376.5 | 377.2 | 378.1 | 378.9 | 379.7 | 380.1 | 380.1 | 380.1 | 380.1 | 380.1 | 380.1 |



TEST NUMBER: P331838-830

CATALOG NUMBER: S122RDIW-S865D1240U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 420.4 | 421.0 | 421.6 | 422.2 | 422.8 | 423.4 | 424.0 | 424.7 | 425.4 | 426.0 | 426.2 |
| 115° | 488.9 | 489.7 | 490.5 | 491.3 | 492.1 | 492.7 | 492.9 | 493.2 | 493.5 | 493.7 | 494.3 |
| 117.5° | 554.1 | 555.0 | 555.7 | 556.6 | 557.4 | 558.1 | 558.7 | 559.4 | 560.1 | 560.7 | 562.2 |
| 120° | 600.1 | 600.9 | 601.7 | 602.5 | 603.3 | 603.7 | 603.7 | 603.7 | 603.7 | 603.7 | 605.9 |
| 122.5° | 645.1 | 645.6 | 646.2 | 646.9 | 647.4 | 648.1 | 648.8 | 649.4 | 650.0 | 650.6 | 652.1 |
| 125° | 713.7 | 714.0 | 714.3 | 714.5 | 714.8 | 715.4 | 716.1 | 717.0 | 717.8 | 718.6 | 719.4 |
| 127.5° | 776.3 | 777.2 | 778.1 | 778.9 | 779.8 | 780.7 | 781.7 | 782.7 | 783.6 | 784.6 | 785.6 |
| 130° | 821.2 | 822.4 | 823.5 | 824.5 | 825.7 | 826.4 | 827.0 | 827.6 | 828.0 | 828.6 | 829.2 |
| 132.5° | 864.3 | 865.2 | 866.0 | 867.0 | 867.8 | 868.8 | 870.0 | 871.2 | 872.4 | 873.5 | 873.5 |
| 135° | 931.2 | 932.1 | 932.9 | 933.7 | 934.5 | 935.1 | 935.4 | 935.7 | 935.9 | 936.1 | 935.7 |
| 137.5° | 991.9 | 993.0 | 994.1 | 995.1 | 996.3 | 996.9 | 997.1 | 997.3 | 997.6 | 997.8 | 997.0 |
| 140° | 1034.0 | 1035.0 | 1036.1 | 1037.2 | 1038.3 | 1038.8 | 1038.8 | 1038.8 | 1038.8 | 1038.8 | 1037.5 |
| 142.5° | 1072.0 | 1073.2 | 1074.2 | 1075.3 | 1076.4 | 1076.9 | 1076.7 | 1076.4 | 1076.2 | 1076.0 | 1075.1 |
| 145° | 1129.3 | 1130.4 | 1131.4 | 1132.6 | 1133.6 | 1134.0 | 1133.8 | 1133.5 | 1133.2 | 1132.9 | 1131.3 |
| 147.5° | 1180.3 | 1181.4 | 1182.4 | 1183.5 | 1184.5 | 1184.7 | 1184.1 | 1183.5 | 1182.9 | 1182.3 | 1181.2 |
| 150° | 1213.6 | 1214.4 | 1215.2 | 1216.1 | 1216.8 | 1216.8 | 1216.1 | 1215.2 | 1214.4 | 1213.6 | 1212.5 |
| 152.5° | 1244.9 | 1245.9 | 1247.0 | 1247.9 | 1249.0 | 1249.0 | 1247.9 | 1247.0 | 1245.9 | 1244.9 | 1243.6 |
| 155° | 1286.9 | 1287.7 | 1288.5 | 1289.4 | 1290.2 | 1289.9 | 1288.5 | 1287.2 | 1285.8 | 1284.5 | 1283.6 |
| 157.5° | 1323.0 | 1324.4 | 1325.7 | 1327.0 | 1328.3 | 1328.0 | 1326.2 | 1324.4 | 1322.5 | 1320.7 | 1320.1 |
| 160° | 1345.6 | 1346.7 | 1347.7 | 1348.9 | 1349.9 | 1349.6 | 1348.0 | 1346.4 | 1344.7 | 1343.1 | 1342.8 |
| 162.5° | 1365.2 | 1366.4 | 1367.7 | 1369.0 | 1370.4 | 1370.1 | 1368.2 | 1366.4 | 1364.5 | 1362.7 | 1362.4 |
| 165° | 1390.8 | 1392.1 | 1393.5 | 1394.9 | 1396.2 | 1396.0 | 1394.0 | 1392.1 | 1390.3 | 1388.4 | 1388.4 |
| 167.5° | 1411.8 | 1413.2 | 1414.7 | 1416.1 | 1417.5 | 1417.2 | 1415.3 | 1413.4 | 1411.6 | 1409.6 | 1409.7 |
| 170° | 1422.6 | 1424.2 | 1425.9 | 1427.5 | 1429.1 | 1429.0 | 1427.0 | 1425.1 | 1423.2 | 1421.4 | 1421.6 |
| 172.5° | 1431.3 | 1433.0 | 1434.6 | 1436.2 | 1437.8 | 1437.8 | 1435.9 | 1434.0 | 1432.1 | 1430.1 | 1430.4 |
| 175° | 1440.9 | 1442.6 | 1444.2 | 1445.8 | 1447.5 | 1447.3 | 1445.4 | 1443.5 | 1441.6 | 1439.6 | 1440.2 |
| 177.5° | 1445.3 | 1446.6 | 1447.9 | 1449.3 | 1450.5 | 1450.5 | 1449.3 | 1447.9 | 1446.6 | 1445.3 | 1445.8 |
| 180° | 1448.2 | 1448.2 | 1448.2 | 1448.2 | 1448.2 | 1448.2 | 1448.2 | 1448.2 | 1448.2 | 1448.2 | 1448.2 |



TEST NUMBER: P331838-830

CATALOG NUMBER: S122RDIW-S865D1240U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 |
| 2.5° | 1842.9 | 1838.9 | 1835.4 | 1826.4 | 1821.8 | 1811.8 | 1810.3 | 1809.9 | 1796.9 | 1784.3 | 1780.8 |
| 5° | 1906.2 | 1896.2 | 1881.1 | 1863.7 | 1845.5 | 1826.7 | 1814.2 | 1804.2 | 1779.2 | 1755.5 | 1741.7 |
| 7.5° | 1970.0 | 1948.4 | 1922.6 | 1889.4 | 1861.8 | 1830.8 | 1807.7 | 1787.1 | 1751.6 | 1717.6 | 1694.7 |
| 10° | 2017.5 | 1982.4 | 1948.0 | 1902.4 | 1866.8 | 1831.7 | 1799.2 | 1771.1 | 1731.1 | 1686.0 | 1654.2 |
| 12.5° | 2047.0 | 2008.5 | 1961.1 | 1916.5 | 1870.3 | 1825.7 | 1782.3 | 1746.1 | 1699.0 | 1652.6 | 1614.6 |
| 15° | 2086.9 | 2045.6 | 1988.1 | 1924.3 | 1864.9 | 1806.8 | 1756.7 | 1711.7 | 1650.4 | 1594.7 | 1548.4 |
| 17.5° | 2119.6 | 2062.8 | 2001.0 | 1927.2 | 1858.4 | 1784.5 | 1720.0 | 1662.6 | 1594.3 | 1527.2 | 1472.6 |
| 20° | 2130.1 | 2073.8 | 2002.5 | 1928.7 | 1847.4 | 1760.5 | 1691.0 | 1628.5 | 1555.3 | 1482.1 | 1419.7 |
| 22.5° | 2123.5 | 2079.8 | 2000.5 | 1912.1 | 1828.9 | 1738.0 | 1659.5 | 1587.0 | 1505.8 | 1431.2 | 1358.6 |
| 25° | 2079.4 | 2064.4 | 1989.3 | 1893.0 | 1798.0 | 1692.3 | 1601.6 | 1522.2 | 1429.6 | 1349.6 | 1270.7 |
| 27.5° | 1976.5 | 2008.8 | 1962.4 | 1859.7 | 1754.1 | 1640.8 | 1538.8 | 1448.4 | 1352.4 | 1262.3 | 1183.7 |
| 30° | 1877.5 | 1951.8 | 1931.8 | 1836.7 | 1718.5 | 1607.2 | 1492.8 | 1398.4 | 1295.8 | 1203.2 | 1125.7 |
| 32.5° | 1741.8 | 1864.7 | 1884.3 | 1804.8 | 1682.5 | 1560.2 | 1440.3 | 1346.3 | 1239.3 | 1141.7 | 1066.1 |
| 35° | 1526.0 | 1709.8 | 1794.2 | 1743.6 | 1621.0 | 1489.0 | 1365.2 | 1255.7 | 1148.2 | 1051.9 | 976.9 |
| 37.5° | 1268.4 | 1518.8 | 1659.5 | 1663.1 | 1550.6 | 1413.3 | 1278.6 | 1169.9 | 1059.8 | 965.3 | 884.0 |
| 40° | 1101.3 | 1372.7 | 1555.9 | 1596.6 | 1501.6 | 1353.3 | 1217.0 | 1106.3 | 998.7 | 906.2 | 813.0 |
| 42.5° | 951.2 | 1221.6 | 1446.9 | 1517.6 | 1442.0 | 1294.8 | 1158.0 | 1042.3 | 937.7 | 850.2 | 755.0 |
| 45° | 769.2 | 1005.6 | 1253.9 | 1380.3 | 1338.3 | 1202.0 | 1057.5 | 947.4 | 849.2 | 773.6 | 682.3 |
| 47.5° | 648.9 | 815.5 | 1055.7 | 1226.6 | 1225.9 | 1101.5 | 959.3 | 853.9 | 762.8 | 691.9 | 618.0 |
| 50° | 580.3 | 725.5 | 928.7 | 1122.6 | 1138.8 | 1034.3 | 899.3 | 794.8 | 709.8 | 635.4 | 576.0 |
| 52.5° | 518.8 | 638.4 | 821.1 | 1007.0 | 1053.3 | 962.8 | 831.8 | 735.4 | 652.8 | 584.4 | 533.5 |
| 55° | 438.4 | 530.9 | 669.8 | 843.7 | 913.7 | 849.9 | 733.6 | 643.6 | 576.6 | 519.1 | 475.3 |
| 57.5° | 370.9 | 440.3 | 551.7 | 691.6 | 773.3 | 733.1 | 637.2 | 564.0 | 506.7 | 454.7 | 420.1 |
| 60° | 328.3 | 385.2 | 479.7 | 596.6 | 686.6 | 658.6 | 576.6 | 508.4 | 459.7 | 414.6 | 382.1 |
| 62.5° | 288.3 | 337.2 | 418.1 | 513.0 | 595.6 | 584.0 | 517.1 | 459.9 | 417.2 | 376.1 | 348.6 |
| 65° | 232.1 | 267.7 | 330.8 | 405.3 | 471.6 | 477.2 | 429.0 | 390.2 | 352.1 | 319.6 | 295.2 |
| 67.5° | 184.7 | 208.0 | 252.5 | 315.2 | 364.9 | 382.6 | 353.2 | 323.6 | 293.3 | 268.2 | 247.0 |
| 70° | 155.7 | 174.5 | 207.0 | 257.7 | 303.3 | 322.1 | 305.2 | 282.0 | 255.8 | 235.2 | 217.0 |
| 72.5° | 126.2 | 144.5 | 168.4 | 205.7 | 244.8 | 265.0 | 259.2 | 242.5 | 221.2 | 204.2 | 187.0 |
| 75° | 95.1 | 100.7 | 117.0 | 141.9 | 172.6 | 190.1 | 194.5 | 185.8 | 168.8 | 155.7 | 145.7 |
| 77.5° | 70.3 | 73.7 | 81.4 | 94.5 | 114.6 | 130.2 | 136.6 | 135.5 | 123.9 | 116.3 | 107.0 |
| 80° | 56.3 | 58.2 | 61.9 | 67.6 | 82.6 | 98.2 | 102.5 | 102.5 | 94.4 | 91.3 | 81.9 |
| 82.5° | 42.8 | 44.1 | 46.4 | 49.5 | 56.6 | 70.1 | 75.0 | 76.1 | 70.9 | 66.8 | 59.4 |
| 85° | 24.4 | 23.8 | 25.0 | 26.9 | 28.2 | 31.9 | 39.4 | 40.6 | 39.4 | 34.4 | 32.5 |
| 87.5° | 14.7 | 13.9 | 12.8 | 11.3 | 11.2 | 11.0 | 12.9 | 14.8 | 13.4 | 12.5 | 12.3 |
| 90° | 30.8 | 24.9 | 18.9 | 14.2 | 11.0 | 7.7 | 4.5 | 1.2 | 4.5 | 7.7 | 11.0 |
| 92.5° | 36.0 | 34.6 | 33.2 | 31.3 | 28.9 | 26.6 | 24.1 | 21.8 | 24.1 | 26.6 | 28.9 |
| 95° | 77.1 | 76.6 | 76.1 | 74.5 | 71.7 | 69.0 | 66.3 | 63.5 | 66.3 | 69.0 | 71.7 |
| 97.5° | 129.4 | 128.4 | 127.3 | 125.6 | 123.3 | 120.9 | 118.5 | 116.1 | 118.5 | 120.9 | 123.3 |
| 100° | 167.0 | 166.2 | 165.4 | 163.9 | 161.7 | 159.6 | 157.4 | 155.2 | 157.4 | 159.6 | 161.7 |
| 102.5° | 206.7 | 205.7 | 204.6 | 203.2 | 201.5 | 199.7 | 198.0 | 196.2 | 198.0 | 199.7 | 201.5 |
| 105° | 267.8 | 267.2 | 266.7 | 266.0 | 265.2 | 264.4 | 263.5 | 262.8 | 263.5 | 264.4 | 265.2 |
| 107.5° | 335.1 | 335.1 | 335.1 | 334.5 | 333.3 | 332.2 | 330.9 | 329.7 | 330.9 | 332.2 | 333.3 |
| 110° | 380.1 | 380.1 | 380.1 | 379.3 | 377.7 | 376.0 | 374.4 | 372.8 | 374.4 | 376.0 | 377.7 |



TEST NUMBER: P331838-830

CATALOG NUMBER: S122RDIW-S865D1240U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 426.5 | 426.7 | 426.9 | 426.2 | 424.6 | 422.9 | 421.3 | 419.7 | 421.3 | 422.9 | 424.6 |
| 115° | 494.8 | 495.4 | 495.9 | 495.4 | 493.7 | 492.1 | 490.5 | 488.9 | 490.5 | 492.1 | 493.7 |
| 117.5° | 563.7 | 565.2 | 566.8 | 566.5 | 564.3 | 562.1 | 560.0 | 557.8 | 560.0 | 562.1 | 564.3 |
| 120° | 608.1 | 610.3 | 612.5 | 612.5 | 610.3 | 608.1 | 605.9 | 603.7 | 605.9 | 608.1 | 610.3 |
| 122.5° | 653.7 | 655.3 | 656.8 | 656.2 | 653.6 | 651.0 | 648.4 | 645.7 | 648.4 | 651.0 | 653.6 |
| 125° | 720.3 | 721.0 | 721.9 | 721.0 | 718.6 | 716.1 | 713.7 | 711.2 | 713.7 | 716.1 | 718.6 |
| 127.5° | 786.6 | 787.6 | 788.5 | 787.5 | 784.4 | 781.3 | 778.2 | 775.1 | 778.2 | 781.3 | 784.4 |
| 130° | 829.7 | 830.3 | 830.8 | 829.2 | 825.8 | 822.3 | 818.7 | 815.2 | 818.7 | 822.3 | 825.8 |
| 132.5° | 873.4 | 873.3 | 873.2 | 871.7 | 868.7 | 865.9 | 863.0 | 860.2 | 863.0 | 865.9 | 868.7 |
| 135° | 935.1 | 934.5 | 934.0 | 932.3 | 929.3 | 926.2 | 923.2 | 920.3 | 923.2 | 926.2 | 929.3 |
| 137.5° | 996.4 | 995.6 | 994.9 | 993.3 | 990.9 | 988.4 | 986.0 | 983.5 | 986.0 | 988.4 | 990.9 |
| 140° | 1036.1 | 1034.7 | 1033.4 | 1031.5 | 1029.1 | 1026.6 | 1024.2 | 1021.7 | 1024.2 | 1026.6 | 1029.1 |
| 142.5° | 1074.1 | 1073.2 | 1072.2 | 1070.6 | 1068.2 | 1065.7 | 1063.3 | 1060.8 | 1063.3 | 1065.7 | 1068.2 |
| 145° | 1129.6 | 1128.0 | 1126.4 | 1124.6 | 1122.8 | 1120.9 | 1119.0 | 1117.0 | 1119.0 | 1120.9 | 1122.8 |
| 147.5° | 1180.2 | 1179.0 | 1178.0 | 1176.3 | 1174.0 | 1171.7 | 1169.4 | 1167.2 | 1169.4 | 1171.7 | 1174.0 |
| 150° | 1211.4 | 1210.3 | 1209.3 | 1207.9 | 1206.3 | 1204.7 | 1203.0 | 1201.4 | 1203.0 | 1204.7 | 1206.3 |
| 152.5° | 1242.3 | 1241.0 | 1239.6 | 1238.2 | 1236.5 | 1234.9 | 1233.3 | 1231.7 | 1233.3 | 1234.9 | 1236.5 |
| 155° | 1282.8 | 1282.0 | 1281.2 | 1280.4 | 1279.6 | 1278.7 | 1278.0 | 1277.1 | 1278.0 | 1278.7 | 1279.6 |
| 157.5° | 1319.7 | 1319.2 | 1318.7 | 1318.1 | 1317.7 | 1317.1 | 1316.5 | 1316.0 | 1316.5 | 1317.1 | 1317.7 |
| 160° | 1342.6 | 1342.3 | 1342.1 | 1341.6 | 1341.1 | 1340.6 | 1340.0 | 1339.4 | 1340.0 | 1340.6 | 1341.1 |
| 162.5° | 1362.2 | 1361.9 | 1361.6 | 1361.4 | 1361.3 | 1361.2 | 1361.1 | 1360.9 | 1361.1 | 1361.2 | 1361.3 |
| 165° | 1388.4 | 1388.4 | 1388.4 | 1388.5 | 1388.7 | 1389.0 | 1389.3 | 1389.6 | 1389.3 | 1389.0 | 1388.7 |
| 167.5° | 1409.8 | 1409.8 | 1409.9 | 1410.2 | 1411.1 | 1411.9 | 1412.7 | 1413.5 | 1412.7 | 1411.9 | 1411.1 |
| 170° | 1421.9 | 1422.2 | 1422.5 | 1423.0 | 1423.8 | 1424.7 | 1425.4 | 1426.3 | 1425.4 | 1424.7 | 1423.8 |
| 172.5° | 1430.7 | 1431.0 | 1431.3 | 1431.8 | 1432.6 | 1433.4 | 1434.3 | 1435.0 | 1434.3 | 1433.4 | 1432.6 |
| 175° | 1440.8 | 1441.3 | 1441.9 | 1442.6 | 1443.3 | 1444.2 | 1445.0 | 1445.8 | 1445.0 | 1444.2 | 1443.3 |
| 177.5° | 1446.1 | 1446.6 | 1447.1 | 1447.6 | 1448.2 | 1448.9 | 1449.5 | 1450.2 | 1449.5 | 1448.9 | 1448.2 |
| 180° | 1448.2 | 1448.2 | 1448.2 | 1448.2 | 1448.2 | 1448.2 | 1448.2 | 1448.2 | 1448.2 | 1448.2 | 1448.2 |



TEST NUMBER: P331838-830

CATALOG NUMBER: S122RDIW-S865D1240U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 |
| 2.5° | 1774.3 | 1770.8 | 1764.3 | 1754.4 | 1748.3 | 1737.9 | 1730.8 | 1734.8 | 1735.8 | 1734.8 | 1733.8 |
| 5° | 1726.6 | 1713.5 | 1695.4 | 1677.9 | 1661.6 | 1644.2 | 1634.1 | 1629.8 | 1621.0 | 1616.0 | 1613.5 |
| 7.5° | 1669.1 | 1646.4 | 1620.7 | 1590.3 | 1564.3 | 1537.2 | 1523.3 | 1516.5 | 1498.5 | 1488.7 | 1480.3 |
| 10° | 1626.0 | 1590.4 | 1564.7 | 1524.7 | 1500.3 | 1464.6 | 1440.3 | 1440.9 | 1416.5 | 1402.7 | 1392.7 |
| 12.5° | 1578.5 | 1539.4 | 1496.7 | 1460.7 | 1426.7 | 1398.1 | 1368.8 | 1356.8 | 1331.0 | 1317.7 | 1290.6 |
| 15° | 1499.7 | 1454.1 | 1409.0 | 1360.2 | 1325.8 | 1281.4 | 1238.9 | 1186.9 | 1145.1 | 1108.8 | 1098.8 |
| 17.5° | 1413.6 | 1357.1 | 1311.9 | 1254.6 | 1195.7 | 1121.1 | 1071.8 | 1041.6 | 1016.3 | 997.2 | 983.0 |
| 20° | 1354.6 | 1297.0 | 1248.9 | 1162.6 | 1083.2 | 1032.6 | 996.3 | 973.1 | 946.9 | 926.2 | 914.9 |
| 22.5° | 1292.5 | 1232.5 | 1166.9 | 1070.5 | 1008.6 | 968.0 | 935.7 | 909.1 | 891.3 | 875.2 | 864.9 |
| 25° | 1204.5 | 1138.8 | 1030.7 | 964.3 | 914.3 | 871.8 | 849.2 | 833.0 | 814.3 | 792.4 | 782.3 |
| 27.5° | 1111.4 | 1007.0 | 929.3 | 880.1 | 832.3 | 804.6 | 784.4 | 760.1 | 743.3 | 733.5 | 723.0 |
| 30° | 1041.9 | 937.5 | 876.8 | 823.0 | 789.2 | 758.6 | 734.8 | 721.0 | 704.8 | 688.0 | 681.1 |
| 32.5° | 964.3 | 880.9 | 822.7 | 778.0 | 743.7 | 717.6 | 698.8 | 676.6 | 664.8 | 654.4 | 640.0 |
| 35° | 868.0 | 804.8 | 751.7 | 715.5 | 683.0 | 661.7 | 639.8 | 626.6 | 605.4 | 596.6 | 591.0 |
| 37.5° | 786.5 | 731.7 | 692.0 | 653.7 | 628.0 | 604.5 | 591.1 | 570.2 | 561.0 | 548.8 | 537.0 |
| 40° | 740.5 | 686.6 | 648.6 | 617.3 | 588.5 | 571.0 | 554.1 | 537.2 | 523.5 | 517.8 | 503.4 |
| 42.5° | 693.4 | 649.7 | 611.5 | 577.2 | 558.0 | 539.4 | 518.1 | 505.7 | 491.4 | 482.3 | 473.4 |
| 45° | 628.5 | 589.7 | 557.2 | 529.0 | 507.8 | 488.4 | 474.7 | 454.0 | 445.9 | 427.7 | 420.3 |
| 47.5° | 571.5 | 535.5 | 504.4 | 477.7 | 456.9 | 444.3 | 424.1 | 408.0 | 395.0 | 383.9 | 374.2 |
| 50° | 530.9 | 501.0 | 470.9 | 447.1 | 428.4 | 410.3 | 389.6 | 381.4 | 361.5 | 355.8 | 350.2 |
| 52.5° | 493.9 | 465.4 | 437.9 | 414.6 | 395.9 | 378.2 | 360.1 | 349.5 | 335.9 | 330.4 | 326.2 |
| 55° | 442.1 | 414.6 | 388.3 | 367.7 | 348.9 | 330.8 | 319.6 | 306.4 | 300.2 | 295.8 | 290.8 |
| 57.5° | 390.1 | 365.3 | 345.3 | 324.3 | 305.5 | 291.1 | 278.1 | 270.1 | 263.6 | 257.9 | 251.9 |
| 60° | 357.1 | 333.3 | 315.2 | 295.8 | 276.4 | 264.6 | 254.5 | 245.2 | 237.6 | 228.8 | 226.4 |
| 62.5° | 322.1 | 301.3 | 284.6 | 265.8 | 248.9 | 238.0 | 228.5 | 219.6 | 210.7 | 197.8 | 194.4 |
| 65° | 273.9 | 257.7 | 240.2 | 224.5 | 209.5 | 198.9 | 185.1 | 175.1 | 171.4 | 170.1 | 169.5 |
| 67.5° | 230.4 | 215.0 | 200.0 | 184.0 | 170.3 | 160.5 | 153.4 | 151.9 | 149.3 | 148.5 | 146.8 |
| 70° | 201.3 | 187.0 | 172.0 | 156.9 | 143.8 | 141.9 | 139.5 | 137.0 | 133.8 | 132.6 | 131.3 |
| 72.5° | 175.3 | 160.5 | 145.4 | 133.5 | 127.8 | 125.5 | 122.9 | 120.5 | 118.3 | 117.1 | 116.3 |
| 75° | 134.5 | 120.7 | 110.7 | 106.3 | 103.2 | 101.3 | 97.6 | 95.7 | 94.4 | 92.6 | 91.9 |
| 77.5° | 96.8 | 89.1 | 84.5 | 81.7 | 78.4 | 76.4 | 74.3 | 72.4 | 71.1 | 70.7 | 69.7 |
| 80° | 73.8 | 70.0 | 66.9 | 63.2 | 61.9 | 59.4 | 58.8 | 56.9 | 57.5 | 55.7 | 55.7 |
| 82.5° | 57.3 | 52.5 | 49.9 | 48.2 | 46.9 | 44.9 | 44.3 | 43.4 | 43.5 | 42.1 | 42.1 |
| 85° | 29.4 | 28.2 | 26.9 | 25.6 | 25.6 | 23.8 | 24.4 | 23.8 | 23.8 | 22.5 | 21.9 |
| 87.5° | 12.3 | 12.8 | 13.0 | 14.1 | 15.4 | 16.0 | 15.9 | 15.4 | 15.3 | 15.1 | 14.6 |
| 90° | 14.2 | 18.9 | 24.9 | 30.8 | 36.8 | 42.8 | 42.2 | 41.7 | 41.2 | 40.6 | 40.4 |
| 92.5° | 31.3 | 33.2 | 34.6 | 36.0 | 37.4 | 38.8 | 38.9 | 39.1 | 39.2 | 39.3 | 39.4 |
| 95° | 74.5 | 76.1 | 76.6 | 77.1 | 77.7 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 77.9 |
| 97.5° | 125.6 | 127.3 | 128.4 | 129.4 | 130.4 | 131.5 | 131.5 | 131.5 | 131.5 | 131.5 | 131.5 |
| 100° | 163.9 | 165.4 | 166.2 | 167.0 | 167.9 | 168.6 | 168.6 | 168.6 | 168.6 | 168.6 | 168.5 |
| 102.5° | 203.2 | 204.6 | 205.7 | 206.7 | 207.7 | 208.8 | 209.0 | 209.2 | 209.4 | 209.6 | 209.6 |
| 105° | 266.0 | 266.7 | 267.2 | 267.8 | 268.3 | 268.9 | 269.4 | 269.9 | 270.5 | 271.1 | 271.4 |
| 107.5° | 334.5 | 335.1 | 335.1 | 335.1 | 335.1 | 335.1 | 335.4 | 335.5 | 335.7 | 336.0 | 335.5 |
| 110° | 379.3 | 380.1 | 380.1 | 380.1 | 380.1 | 380.1 | 380.1 | 380.1 | 380.1 | 380.1 | 379.7 |



TEST NUMBER: P331838-830

CATALOG NUMBER: S122RDIW-S865D1240U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 426.2 | 426.9 | 426.7 | 426.5 | 426.2 | 426.0 | 425.4 | 424.7 | 424.0 | 423.4 | 422.8 |
| 115° | 495.4 | 495.9 | 495.4 | 494.8 | 494.3 | 493.7 | 493.5 | 493.2 | 492.9 | 492.7 | 492.1 |
| 117.5° | 566.5 | 566.8 | 565.2 | 563.7 | 562.2 | 560.7 | 560.1 | 559.4 | 558.7 | 558.1 | 557.4 |
| 120° | 612.5 | 612.5 | 610.3 | 608.1 | 605.9 | 603.7 | 603.7 | 603.7 | 603.7 | 603.7 | 603.3 |
| 122.5° | 656.2 | 656.8 | 655.3 | 653.7 | 652.1 | 650.6 | 650.0 | 649.4 | 648.8 | 648.1 | 647.4 |
| 125° | 721.0 | 721.9 | 721.0 | 720.3 | 719.4 | 718.6 | 717.8 | 717.0 | 716.1 | 715.4 | 714.8 |
| 127.5° | 787.5 | 788.5 | 787.6 | 786.6 | 785.6 | 784.6 | 783.6 | 782.7 | 781.7 | 780.7 | 779.8 |
| 130° | 829.2 | 830.8 | 830.3 | 829.7 | 829.2 | 828.6 | 828.0 | 827.6 | 827.0 | 826.4 | 825.7 |
| 132.5° | 871.7 | 873.2 | 873.3 | 873.4 | 873.5 | 873.5 | 872.4 | 871.2 | 870.0 | 868.8 | 867.8 |
| 135° | 932.3 | 934.0 | 934.5 | 935.1 | 935.7 | 936.1 | 935.9 | 935.7 | 935.4 | 935.1 | 934.5 |
| 137.5° | 993.3 | 994.9 | 995.6 | 996.4 | 997.0 | 997.8 | 997.6 | 997.3 | 997.1 | 996.9 | 996.3 |
| 140° | 1031.5 | 1033.4 | 1034.7 | 1036.1 | 1037.5 | 1038.8 | 1038.8 | 1038.8 | 1038.8 | 1038.8 | 1038.3 |
| 142.5° | 1070.6 | 1072.2 | 1073.2 | 1074.1 | 1075.1 | 1076.0 | 1076.2 | 1076.4 | 1076.7 | 1076.9 | 1076.4 |
| 145° | 1124.6 | 1126.4 | 1128.0 | 1129.6 | 1131.3 | 1132.9 | 1133.2 | 1133.5 | 1133.8 | 1134.0 | 1133.6 |
| 147.5° | 1176.3 | 1178.0 | 1179.0 | 1180.2 | 1181.2 | 1182.3 | 1182.9 | 1183.5 | 1184.1 | 1184.7 | 1184.5 |
| 150° | 1207.9 | 1209.3 | 1210.3 | 1211.4 | 1212.5 | 1213.6 | 1214.4 | 1215.2 | 1216.1 | 1216.8 | 1216.8 |
| 152.5° | 1238.2 | 1239.6 | 1241.0 | 1242.3 | 1243.6 | 1244.9 | 1245.9 | 1247.0 | 1247.9 | 1249.0 | 1249.0 |
| 155° | 1280.4 | 1281.2 | 1282.0 | 1282.8 | 1283.6 | 1284.5 | 1285.8 | 1287.2 | 1288.5 | 1289.9 | 1290.2 |
| 157.5° | 1318.1 | 1318.7 | 1319.2 | 1319.7 | 1320.1 | 1320.7 | 1322.5 | 1324.4 | 1326.2 | 1328.0 | 1328.3 |
| 160° | 1341.6 | 1342.1 | 1342.3 | 1342.6 | 1342.8 | 1343.1 | 1344.7 | 1346.4 | 1348.0 | 1349.6 | 1349.9 |
| 162.5° | 1361.4 | 1361.6 | 1361.9 | 1362.2 | 1362.4 | 1362.7 | 1364.5 | 1366.4 | 1368.2 | 1370.1 | 1370.4 |
| 165° | 1388.5 | 1388.4 | 1388.4 | 1388.4 | 1388.4 | 1388.4 | 1390.3 | 1392.1 | 1394.0 | 1396.0 | 1396.2 |
| 167.5° | 1410.2 | 1409.9 | 1409.8 | 1409.8 | 1409.7 | 1409.6 | 1411.6 | 1413.4 | 1415.3 | 1417.2 | 1417.5 |
| 170° | 1423.0 | 1422.5 | 1422.2 | 1421.9 | 1421.6 | 1421.4 | 1423.2 | 1425.1 | 1427.0 | 1429.0 | 1429.1 |
| 172.5° | 1431.8 | 1431.3 | 1431.0 | 1430.7 | 1430.4 | 1430.1 | 1432.1 | 1434.0 | 1435.9 | 1437.8 | 1437.8 |
| 175° | 1442.6 | 1441.9 | 1441.3 | 1440.8 | 1440.2 | 1439.6 | 1441.6 | 1443.5 | 1445.4 | 1447.3 | 1447.5 |
| 177.5° | 1447.6 | 1447.1 | 1446.6 | 1446.1 | 1445.8 | 1445.3 | 1446.6 | 1447.9 | 1449.3 | 1450.5 | 1450.5 |
| 180° | 1448.2 | 1448.2 | 1448.2 | 1448.2 | 1448.2 | 1448.2 | 1448.2 | 1448.2 | 1448.2 | 1448.2 | 1448.2 |



TEST NUMBER: P331838-830

CATALOG NUMBER: S122RDIW-S865D1240U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 |
| 2.5° | 1728.3 | 1729.3 | 1727.8 | 1728.8 | 1727.8 | 1729.3 | 1728.3 | 1733.8 | 1734.8 | 1735.8 | 1734.8 |
| 5° | 1610.3 | 1602.9 | 1601.6 | 1599.8 | 1601.6 | 1602.9 | 1610.3 | 1613.5 | 1616.0 | 1621.0 | 1629.8 |
| 7.5° | 1469.5 | 1468.4 | 1465.3 | 1460.9 | 1465.3 | 1468.4 | 1469.5 | 1480.3 | 1488.7 | 1498.5 | 1516.5 |
| 10° | 1378.9 | 1375.8 | 1375.3 | 1370.8 | 1375.3 | 1375.8 | 1378.9 | 1392.7 | 1402.7 | 1416.5 | 1440.9 |
| 12.5° | 1272.9 | 1252.7 | 1250.7 | 1239.7 | 1250.7 | 1252.7 | 1272.9 | 1290.6 | 1317.7 | 1331.0 | 1356.8 |
| 15° | 1083.8 | 1080.1 | 1067.5 | 1059.4 | 1067.5 | 1080.1 | 1083.8 | 1098.8 | 1108.8 | 1145.1 | 1186.9 |
| 17.5° | 975.7 | 963.5 | 959.6 | 957.8 | 959.6 | 963.5 | 975.7 | 983.0 | 997.2 | 1016.3 | 1041.6 |
| 20° | 906.2 | 894.9 | 893.1 | 891.8 | 893.1 | 894.9 | 906.2 | 914.9 | 926.2 | 946.9 | 973.1 |
| 22.5° | 858.2 | 846.4 | 841.5 | 837.7 | 841.5 | 846.4 | 858.2 | 864.9 | 875.2 | 891.3 | 909.1 |
| 25° | 776.1 | 771.8 | 769.2 | 768.0 | 769.2 | 771.8 | 776.1 | 782.3 | 792.4 | 814.3 | 833.0 |
| 27.5° | 711.9 | 702.3 | 700.4 | 697.2 | 700.4 | 702.3 | 711.9 | 723.0 | 733.5 | 743.3 | 760.1 |
| 30° | 675.4 | 672.3 | 667.9 | 664.1 | 667.9 | 672.3 | 675.4 | 681.1 | 688.0 | 704.8 | 721.0 |
| 32.5° | 632.4 | 629.8 | 625.8 | 624.2 | 625.8 | 629.8 | 632.4 | 640.0 | 654.4 | 664.8 | 676.6 |
| 35° | 584.8 | 576.0 | 572.2 | 566.6 | 572.2 | 576.0 | 584.8 | 591.0 | 596.6 | 605.4 | 626.6 |
| 37.5° | 534.3 | 529.7 | 524.4 | 526.3 | 524.4 | 529.7 | 534.3 | 537.0 | 548.8 | 561.0 | 570.2 |
| 40° | 495.3 | 492.2 | 491.0 | 490.3 | 491.0 | 492.2 | 495.3 | 503.4 | 517.8 | 523.5 | 537.2 |
| 42.5° | 464.3 | 455.6 | 452.4 | 452.2 | 452.4 | 455.6 | 464.3 | 473.4 | 482.3 | 491.4 | 505.7 |
| 45° | 417.2 | 409.0 | 403.4 | 404.0 | 403.4 | 409.0 | 417.2 | 420.3 | 427.7 | 445.9 | 454.0 |
| 47.5° | 368.8 | 368.6 | 365.1 | 366.3 | 365.1 | 368.6 | 368.8 | 374.2 | 383.9 | 395.0 | 408.0 |
| 50° | 345.8 | 342.0 | 339.6 | 340.2 | 339.6 | 342.0 | 345.8 | 350.2 | 355.8 | 361.5 | 381.4 |
| 52.5° | 323.9 | 320.6 | 318.6 | 321.2 | 318.6 | 320.6 | 323.9 | 326.2 | 330.4 | 335.9 | 349.5 |
| 55° | 287.7 | 283.9 | 283.3 | 282.7 | 283.3 | 283.9 | 287.7 | 290.8 | 295.8 | 300.2 | 306.4 |
| 57.5° | 247.3 | 244.8 | 241.0 | 239.4 | 241.0 | 244.8 | 247.3 | 251.9 | 257.9 | 263.6 | 270.1 |
| 60° | 218.3 | 213.3 | 207.0 | 206.4 | 207.0 | 213.3 | 218.3 | 226.4 | 228.8 | 237.6 | 245.2 |
| 62.5° | 191.7 | 190.8 | 189.5 | 189.4 | 189.5 | 190.8 | 191.7 | 194.4 | 197.8 | 210.7 | 219.6 |
| 65° | 168.2 | 167.6 | 168.2 | 168.8 | 168.2 | 167.6 | 168.2 | 169.5 | 170.1 | 171.4 | 175.1 |
| 67.5° | 146.6 | 145.4 | 144.3 | 144.9 | 144.3 | 145.4 | 146.6 | 146.8 | 148.5 | 149.3 | 151.9 |
| 70° | 130.1 | 129.4 | 128.8 | 128.8 | 128.8 | 129.4 | 130.1 | 131.3 | 132.6 | 133.8 | 137.0 |
| 72.5° | 114.0 | 114.0 | 113.3 | 112.8 | 113.3 | 114.0 | 114.0 | 116.3 | 117.1 | 118.3 | 120.5 |
| 75° | 91.3 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 91.3 | 91.9 | 92.6 | 94.4 | 95.7 |
| 77.5° | 69.6 | 68.9 | 68.3 | 67.8 | 68.3 | 68.9 | 69.6 | 69.7 | 70.7 | 71.1 | 72.4 |
| 80° | 55.0 | 54.4 | 53.8 | 53.8 | 53.8 | 54.4 | 55.0 | 55.7 | 55.7 | 57.5 | 56.9 |
| 82.5° | 42.0 | 41.4 | 41.3 | 40.8 | 41.3 | 41.4 | 42.0 | 42.1 | 42.1 | 43.5 | 43.4 |
| 85° | 22.5 | 23.1 | 22.5 | 23.8 | 22.5 | 23.1 | 22.5 | 21.9 | 22.5 | 23.8 | 23.8 |
| 87.5° | 14.6 | 14.2 | 14.8 | 14.3 | 14.8 | 14.2 | 14.6 | 14.6 | 15.1 | 15.3 | 15.4 |
| 90° | 40.7 | 41.0 | 41.3 | 41.6 | 41.3 | 41.0 | 40.7 | 40.4 | 40.6 | 41.2 | 41.7 |
| 92.5° | 39.4 | 39.5 | 39.6 | 39.6 | 39.6 | 39.5 | 39.4 | 39.4 | 39.3 | 39.2 | 39.1 |
| 95° | 77.4 | 76.8 | 76.3 | 75.8 | 76.3 | 76.8 | 77.4 | 77.9 | 78.2 | 78.2 | 78.2 |
| 97.5° | 131.4 | 131.4 | 131.3 | 131.3 | 131.3 | 131.4 | 131.4 | 131.5 | 131.5 | 131.5 | 131.5 |
| 100° | 168.2 | 168.0 | 167.7 | 167.4 | 167.7 | 168.0 | 168.2 | 168.5 | 168.6 | 168.6 | 168.6 |
| 102.5° | 209.3 | 209.1 | 208.8 | 208.5 | 208.8 | 209.1 | 209.3 | 209.6 | 209.6 | 209.4 | 209.2 |
| 105° | 271.4 | 271.4 | 271.4 | 271.4 | 271.4 | 271.4 | 271.4 | 271.4 | 271.1 | 270.5 | 269.9 |
| 107.5° | 334.2 | 333.0 | 331.7 | 330.5 | 331.7 | 333.0 | 334.2 | 335.5 | 336.0 | 335.7 | 335.5 |
| 110° | 378.9 | 378.1 | 377.2 | 376.5 | 377.2 | 378.1 | 378.9 | 379.7 | 380.1 | 380.1 | 380.1 |



TEST NUMBER: P331838-830

CATALOG NUMBER: S122RDIW-S865D1240U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 422.2 | 421.6 | 421.0 | 420.4 | 421.0 | 421.6 | 422.2 | 422.8 | 423.4 | 424.0 | 424.7 |
| 115° | 491.3 | 490.5 | 489.7 | 488.9 | 489.7 | 490.5 | 491.3 | 492.1 | 492.7 | 492.9 | 493.2 |
| 117.5° | 556.6 | 555.7 | 555.0 | 554.1 | 555.0 | 555.7 | 556.6 | 557.4 | 558.1 | 558.7 | 559.4 |
| 120° | 602.5 | 601.7 | 600.9 | 600.1 | 600.9 | 601.7 | 602.5 | 603.3 | 603.7 | 603.7 | 603.7 |
| 122.5° | 646.9 | 646.2 | 645.6 | 645.1 | 645.6 | 646.2 | 646.9 | 647.4 | 648.1 | 648.8 | 649.4 |
| 125° | 714.5 | 714.3 | 714.0 | 713.7 | 714.0 | 714.3 | 714.5 | 714.8 | 715.4 | 716.1 | 717.0 |
| 127.5° | 778.9 | 778.1 | 777.2 | 776.3 | 777.2 | 778.1 | 778.9 | 779.8 | 780.7 | 781.7 | 782.7 |
| 130° | 824.5 | 823.5 | 822.4 | 821.2 | 822.4 | 823.5 | 824.5 | 825.7 | 826.4 | 827.0 | 827.6 |
| 132.5° | 867.0 | 866.0 | 865.2 | 864.3 | 865.2 | 866.0 | 867.0 | 867.8 | 868.8 | 870.0 | 871.2 |
| 135° | 933.7 | 932.9 | 932.1 | 931.2 | 932.1 | 932.9 | 933.7 | 934.5 | 935.1 | 935.4 | 935.7 |
| 137.5° | 995.1 | 994.1 | 993.0 | 991.9 | 993.0 | 994.1 | 995.1 | 996.3 | 996.9 | 997.1 | 997.3 |
| 140° | 1037.2 | 1036.1 | 1035.0 | 1034.0 | 1035.0 | 1036.1 | 1037.2 | 1038.3 | 1038.8 | 1038.8 | 1038.8 |
| 142.5° | 1075.3 | 1074.2 | 1073.2 | 1072.0 | 1073.2 | 1074.2 | 1075.3 | 1076.4 | 1076.9 | 1076.7 | 1076.4 |
| 145° | 1132.6 | 1131.4 | 1130.4 | 1129.3 | 1130.4 | 1131.4 | 1132.6 | 1133.6 | 1134.0 | 1133.8 | 1133.5 |
| 147.5° | 1183.5 | 1182.4 | 1181.4 | 1180.3 | 1181.4 | 1182.4 | 1183.5 | 1184.5 | 1184.7 | 1184.1 | 1183.5 |
| 150° | 1216.1 | 1215.2 | 1214.4 | 1213.6 | 1214.4 | 1215.2 | 1216.1 | 1216.8 | 1216.8 | 1216.1 | 1215.2 |
| 152.5° | 1247.9 | 1247.0 | 1245.9 | 1244.9 | 1245.9 | 1247.0 | 1247.9 | 1249.0 | 1249.0 | 1247.9 | 1247.0 |
| 155° | 1289.4 | 1288.5 | 1287.7 | 1286.9 | 1287.7 | 1288.5 | 1289.4 | 1290.2 | 1289.9 | 1288.5 | 1287.2 |
| 157.5° | 1327.0 | 1325.7 | 1324.4 | 1323.0 | 1324.4 | 1325.7 | 1327.0 | 1328.3 | 1328.0 | 1326.2 | 1324.4 |
| 160° | 1348.9 | 1347.7 | 1346.7 | 1345.6 | 1346.7 | 1347.7 | 1348.9 | 1349.9 | 1349.6 | 1348.0 | 1346.4 |
| 162.5° | 1369.0 | 1367.7 | 1366.4 | 1365.2 | 1366.4 | 1367.7 | 1369.0 | 1370.4 | 1370.1 | 1368.2 | 1366.4 |
| 165° | 1394.9 | 1393.5 | 1392.1 | 1390.8 | 1392.1 | 1393.5 | 1394.9 | 1396.2 | 1396.0 | 1394.0 | 1392.1 |
| 167.5° | 1416.1 | 1414.7 | 1413.2 | 1411.8 | 1413.2 | 1414.7 | 1416.1 | 1417.5 | 1417.2 | 1415.3 | 1413.4 |
| 170° | 1427.5 | 1425.9 | 1424.2 | 1422.6 | 1424.2 | 1425.9 | 1427.5 | 1429.1 | 1429.0 | 1427.0 | 1425.1 |
| 172.5° | 1436.2 | 1434.6 | 1433.0 | 1431.3 | 1433.0 | 1434.6 | 1436.2 | 1437.8 | 1437.8 | 1435.9 | 1434.0 |
| 175° | 1445.8 | 1444.2 | 1442.6 | 1440.9 | 1442.6 | 1444.2 | 1445.8 | 1447.5 | 1447.3 | 1445.4 | 1443.5 |
| 177.5° | 1449.3 | 1447.9 | 1446.6 | 1445.3 | 1446.6 | 1447.9 | 1449.3 | 1450.5 | 1450.5 | 1449.3 | 1447.9 |
| 180° | 1448.2 | 1448.2 | 1448.2 | 1448.2 | 1448.2 | 1448.2 | 1448.2 | 1448.2 | 1448.2 | 1448.2 | 1448.2 |



TEST NUMBER: P331838-830

CATALOG NUMBER: S122RDIW-S865D1240U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 |
| 2.5° | 1730.8 | 1737.9 | 1748.3 | 1754.4 | 1764.3 | 1770.8 | 1774.3 | 1780.8 | 1784.3 | 1796.9 | 1809.9 |
| 5° | 1634.1 | 1644.2 | 1661.6 | 1677.9 | 1695.4 | 1713.5 | 1726.6 | 1741.7 | 1755.5 | 1779.2 | 1804.2 |
| 7.5° | 1523.3 | 1537.2 | 1564.3 | 1590.3 | 1620.7 | 1646.4 | 1669.1 | 1694.7 | 1717.6 | 1751.6 | 1787.1 |
| 10° | 1440.3 | 1464.6 | 1500.3 | 1524.7 | 1564.7 | 1590.4 | 1626.0 | 1654.2 | 1686.0 | 1731.1 | 1771.1 |
| 12.5° | 1368.8 | 1398.1 | 1426.7 | 1460.7 | 1496.7 | 1539.4 | 1578.5 | 1614.6 | 1652.6 | 1699.0 | 1746.1 |
| 15° | 1238.9 | 1281.4 | 1325.8 | 1360.2 | 1409.0 | 1454.1 | 1499.7 | 1548.4 | 1594.7 | 1650.4 | 1711.7 |
| 17.5° | 1071.8 | 1121.1 | 1195.7 | 1254.6 | 1311.9 | 1357.1 | 1413.6 | 1472.6 | 1527.2 | 1594.3 | 1662.6 |
| 20° | 996.3 | 1032.6 | 1083.2 | 1162.6 | 1248.9 | 1297.0 | 1354.6 | 1419.7 | 1482.1 | 1555.3 | 1628.5 |
| 22.5° | 935.7 | 968.0 | 1008.6 | 1070.5 | 1166.9 | 1232.5 | 1292.5 | 1358.6 | 1431.2 | 1505.8 | 1587.0 |
| 25° | 849.2 | 871.8 | 914.3 | 964.3 | 1030.7 | 1138.8 | 1204.5 | 1270.7 | 1349.6 | 1429.6 | 1522.2 |
| 27.5° | 784.4 | 804.6 | 832.3 | 880.1 | 929.3 | 1007.0 | 1111.4 | 1183.7 | 1262.3 | 1352.4 | 1448.4 |
| 30° | 734.8 | 758.6 | 789.2 | 823.0 | 876.8 | 937.5 | 1041.9 | 1125.7 | 1203.2 | 1295.8 | 1398.4 |
| 32.5° | 698.8 | 717.6 | 743.7 | 778.0 | 822.7 | 880.9 | 964.3 | 1066.1 | 1141.7 | 1239.3 | 1346.3 |
| 35° | 639.8 | 661.7 | 683.0 | 715.5 | 751.7 | 804.8 | 868.0 | 976.9 | 1051.9 | 1148.2 | 1255.7 |
| 37.5° | 591.1 | 604.5 | 628.0 | 653.7 | 692.0 | 731.7 | 786.5 | 884.0 | 965.3 | 1059.8 | 1169.9 |
| 40° | 554.1 | 571.0 | 588.5 | 617.3 | 648.6 | 686.6 | 740.5 | 813.0 | 906.2 | 998.7 | 1106.3 |
| 42.5° | 518.1 | 539.4 | 558.0 | 577.2 | 611.5 | 649.7 | 693.4 | 755.0 | 850.2 | 937.7 | 1042.3 |
| 45° | 474.7 | 488.4 | 507.8 | 529.0 | 557.2 | 589.7 | 628.5 | 682.3 | 773.6 | 849.2 | 947.4 |
| 47.5° | 424.1 | 444.3 | 456.9 | 477.7 | 504.4 | 535.5 | 571.5 | 618.0 | 691.9 | 762.8 | 853.9 |
| 50° | 389.6 | 410.3 | 428.4 | 447.1 | 470.9 | 501.0 | 530.9 | 576.0 | 635.4 | 709.8 | 794.8 |
| 52.5° | 360.1 | 378.2 | 395.9 | 414.6 | 437.9 | 465.4 | 493.9 | 533.5 | 584.4 | 652.8 | 735.4 |
| 55° | 319.6 | 330.8 | 348.9 | 367.7 | 388.3 | 414.6 | 442.1 | 475.3 | 519.1 | 576.6 | 643.6 |
| 57.5° | 278.1 | 291.1 | 305.5 | 324.3 | 345.3 | 365.3 | 390.1 | 420.1 | 454.7 | 506.7 | 564.0 |
| 60° | 254.5 | 264.6 | 276.4 | 295.8 | 315.2 | 333.3 | 357.1 | 382.1 | 414.6 | 459.7 | 508.4 |
| 62.5° | 228.5 | 238.0 | 248.9 | 265.8 | 284.6 | 301.3 | 322.1 | 348.6 | 376.1 | 417.2 | 459.9 |
| 65° | 185.1 | 198.9 | 209.5 | 224.5 | 240.2 | 257.7 | 273.9 | 295.2 | 319.6 | 352.1 | 390.2 |
| 67.5° | 153.4 | 160.5 | 170.3 | 184.0 | 200.0 | 215.0 | 230.4 | 247.0 | 268.2 | 293.3 | 323.6 |
| 70° | 139.5 | 141.9 | 143.8 | 156.9 | 172.0 | 187.0 | 201.3 | 217.0 | 235.2 | 255.8 | 282.0 |
| 72.5° | 122.9 | 125.5 | 127.8 | 133.5 | 145.4 | 160.5 | 175.3 | 187.0 | 204.2 | 221.2 | 242.5 |
| 75° | 97.6 | 101.3 | 103.2 | 106.3 | 110.7 | 120.7 | 134.5 | 145.7 | 155.7 | 168.8 | 185.8 |
| 77.5° | 74.3 | 76.4 | 78.4 | 81.7 | 84.5 | 89.1 | 96.8 | 107.0 | 116.3 | 123.9 | 135.5 |
| 80° | 58.8 | 59.4 | 61.9 | 63.2 | 66.9 | 70.0 | 73.8 | 81.9 | 91.3 | 94.4 | 102.5 |
| 82.5° | 44.3 | 44.9 | 46.9 | 48.2 | 49.9 | 52.5 | 57.3 | 59.4 | 66.8 | 70.9 | 76.1 |
| 85° | 24.4 | 23.8 | 25.6 | 25.6 | 26.9 | 28.2 | 29.4 | 32.5 | 34.4 | 39.4 | 40.6 |
| 87.5° | 15.9 | 16.0 | 15.4 | 14.1 | 13.0 | 12.8 | 12.3 | 12.3 | 12.5 | 13.4 | 14.8 |
| 90° | 42.2 | 42.8 | 36.8 | 30.8 | 24.9 | 18.9 | 14.2 | 11.0 | 7.7 | 4.5 | 1.2 |
| 92.5° | 38.9 | 38.8 | 37.4 | 36.0 | 34.6 | 33.2 | 31.3 | 28.9 | 26.6 | 24.1 | 21.8 |
| 95° | 78.2 | 78.2 | 77.7 | 77.1 | 76.6 | 76.1 | 74.5 | 71.7 | 69.0 | 66.3 | 63.5 |
| 97.5° | 131.5 | 131.5 | 130.4 | 129.4 | 128.4 | 127.3 | 125.6 | 123.3 | 120.9 | 118.5 | 116.1 |
| 100° | 168.6 | 168.6 | 167.9 | 167.0 | 166.2 | 165.4 | 163.9 | 161.7 | 159.6 | 157.4 | 155.2 |
| 102.5° | 209.0 | 208.8 | 207.7 | 206.7 | 205.7 | 204.6 | 203.2 | 201.5 | 199.7 | 198.0 | 196.2 |
| 105° | 269.4 | 268.9 | 268.3 | 267.8 | 267.2 | 266.7 | 266.0 | 265.2 | 264.4 | 263.5 | 262.8 |
| 107.5° | 335.4 | 335.1 | 335.1 | 335.1 | 335.1 | 335.1 | 334.5 | 333.3 | 332.2 | 330.9 | 329.7 |
| 110° | 380.1 | 380.1 | 380.1 | 380.1 | 380.1 | 380.1 | 379.3 | 377.7 | 376.0 | 374.4 | 372.8 |



TEST NUMBER: P331838-830

CATALOG NUMBER: S122RDIW-S865D1240U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 425.4 | 426.0 | 426.2 | 426.5 | 426.7 | 426.9 | 426.2 | 424.6 | 422.9 | 421.3 | 419.7 |
| 115° | 493.5 | 493.7 | 494.3 | 494.8 | 495.4 | 495.9 | 495.4 | 493.7 | 492.1 | 490.5 | 488.9 |
| 117.5° | 560.1 | 560.7 | 562.2 | 563.7 | 565.2 | 566.8 | 566.5 | 564.3 | 562.1 | 560.0 | 557.8 |
| 120° | 603.7 | 603.7 | 605.9 | 608.1 | 610.3 | 612.5 | 612.5 | 610.3 | 608.1 | 605.9 | 603.7 |
| 122.5° | 650.0 | 650.6 | 652.1 | 653.7 | 655.3 | 656.8 | 656.2 | 653.6 | 651.0 | 648.4 | 645.7 |
| 125° | 717.8 | 718.6 | 719.4 | 720.3 | 721.0 | 721.9 | 721.0 | 718.6 | 716.1 | 713.7 | 711.2 |
| 127.5° | 783.6 | 784.6 | 785.6 | 786.6 | 787.6 | 788.5 | 787.5 | 784.4 | 781.3 | 778.2 | 775.1 |
| 130° | 828.0 | 828.6 | 829.2 | 829.7 | 830.3 | 830.8 | 829.2 | 825.8 | 822.3 | 818.7 | 815.2 |
| 132.5° | 872.4 | 873.5 | 873.5 | 873.4 | 873.3 | 873.2 | 871.7 | 868.7 | 865.9 | 863.0 | 860.2 |
| 135° | 935.9 | 936.1 | 935.7 | 935.1 | 934.5 | 934.0 | 932.3 | 929.3 | 926.2 | 923.2 | 920.3 |
| 137.5° | 997.6 | 997.8 | 997.0 | 996.4 | 995.6 | 994.9 | 993.3 | 990.9 | 988.4 | 986.0 | 983.5 |
| 140° | 1038.8 | 1038.8 | 1037.5 | 1036.1 | 1034.7 | 1033.4 | 1031.5 | 1029.1 | 1026.6 | 1024.2 | 1021.7 |
| 142.5° | 1076.2 | 1076.0 | 1075.1 | 1074.1 | 1073.2 | 1072.2 | 1070.6 | 1068.2 | 1065.7 | 1063.3 | 1060.8 |
| 145° | 1133.2 | 1132.9 | 1131.3 | 1129.6 | 1128.0 | 1126.4 | 1124.6 | 1122.8 | 1120.9 | 1119.0 | 1117.0 |
| 147.5° | 1182.9 | 1182.3 | 1181.2 | 1180.2 | 1179.0 | 1178.0 | 1176.3 | 1174.0 | 1171.7 | 1169.4 | 1167.2 |
| 150° | 1214.4 | 1213.6 | 1212.5 | 1211.4 | 1210.3 | 1209.3 | 1207.9 | 1206.3 | 1204.7 | 1203.0 | 1201.4 |
| 152.5° | 1245.9 | 1244.9 | 1243.6 | 1242.3 | 1241.0 | 1239.6 | 1238.2 | 1236.5 | 1234.9 | 1233.3 | 1231.7 |
| 155° | 1285.8 | 1284.5 | 1283.6 | 1282.8 | 1282.0 | 1281.2 | 1280.4 | 1279.6 | 1278.7 | 1278.0 | 1277.1 |
| 157.5° | 1322.5 | 1320.7 | 1320.1 | 1319.7 | 1319.2 | 1318.7 | 1318.1 | 1317.7 | 1317.1 | 1316.5 | 1316.0 |
| 160° | 1344.7 | 1343.1 | 1342.8 | 1342.6 | 1342.3 | 1342.1 | 1341.6 | 1341.1 | 1340.6 | 1340.0 | 1339.4 |
| 162.5° | 1364.5 | 1362.7 | 1362.4 | 1362.2 | 1361.9 | 1361.6 | 1361.4 | 1361.3 | 1361.2 | 1361.1 | 1360.9 |
| 165° | 1390.3 | 1388.4 | 1388.4 | 1388.4 | 1388.4 | 1388.4 | 1388.5 | 1388.7 | 1389.0 | 1389.3 | 1389.6 |
| 167.5° | 1411.6 | 1409.6 | 1409.7 | 1409.8 | 1409.8 | 1409.9 | 1410.2 | 1411.1 | 1411.9 | 1412.7 | 1413.5 |
| 170° | 1423.2 | 1421.4 | 1421.6 | 1421.9 | 1422.2 | 1422.5 | 1423.0 | 1423.8 | 1424.7 | 1425.4 | 1426.3 |
| 172.5° | 1432.1 | 1430.1 | 1430.4 | 1430.7 | 1431.0 | 1431.3 | 1431.8 | 1432.6 | 1433.4 | 1434.3 | 1435.0 |
| 175° | 1441.6 | 1439.6 | 1440.2 | 1440.8 | 1441.3 | 1441.9 | 1442.6 | 1443.3 | 1444.2 | 1445.0 | 1445.8 |
| 177.5° | 1446.6 | 1445.3 | 1445.8 | 1446.1 | 1446.6 | 1447.1 | 1447.6 | 1448.2 | 1448.9 | 1449.5 | 1450.2 |
| 180° | 1448.2 | 1448.2 | 1448.2 | 1448.2 | 1448.2 | 1448.2 | 1448.2 | 1448.2 | 1448.2 | 1448.2 | 1448.2 |



TEST NUMBER: P331838-830

CATALOG NUMBER: S122RDIW-S865D1240U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 |
| 2.5° | 1810.3 | 1811.8 | 1821.8 | 1826.4 | 1835.4 | 1838.9 | 1842.9 | 1841.9 | 1841.9 | 1843.9 | 1857.9 |
| 5° | 1814.2 | 1826.7 | 1845.5 | 1863.7 | 1881.1 | 1896.2 | 1906.2 | 1916.2 | 1920.0 | 1938.1 | 1954.4 |
| 7.5° | 1807.7 | 1830.8 | 1861.8 | 1889.4 | 1922.6 | 1948.4 | 1970.0 | 1989.3 | 2002.6 | 2029.0 | 2056.1 |
| 10° | 1799.2 | 1831.7 | 1866.8 | 1902.4 | 1948.0 | 1982.4 | 2017.5 | 2044.4 | 2053.1 | 2092.5 | 2115.1 |
| 12.5° | 1782.3 | 1825.7 | 1870.3 | 1916.5 | 1961.1 | 2008.5 | 2047.0 | 2073.9 | 2104.7 | 2140.0 | 2181.6 |
| 15° | 1756.7 | 1806.8 | 1864.9 | 1924.3 | 1988.1 | 2045.6 | 2086.9 | 2133.8 | 2167.6 | 2206.4 | 2242.6 |
| 17.5° | 1720.0 | 1784.5 | 1858.4 | 1927.2 | 2001.0 | 2062.8 | 2119.6 | 2164.5 | 2188.3 | 2210.5 | 2215.8 |
| 20° | 1691.0 | 1760.5 | 1847.4 | 1928.7 | 2002.5 | 2073.8 | 2130.1 | 2167.6 | 2173.9 | 2174.4 | 2141.4 |
| 22.5° | 1659.5 | 1738.0 | 1828.9 | 1912.1 | 2000.5 | 2079.8 | 2123.5 | 2139.6 | 2114.8 | 2072.4 | 2008.3 |
| 25° | 1601.6 | 1692.3 | 1798.0 | 1893.0 | 1989.3 | 2064.4 | 2079.4 | 2051.3 | 1964.4 | 1873.0 | 1757.4 |
| 27.5° | 1538.8 | 1640.8 | 1754.1 | 1859.7 | 1962.4 | 2008.8 | 1976.5 | 1875.0 | 1718.4 | 1582.3 | 1417.4 |
| 30° | 1492.8 | 1607.2 | 1718.5 | 1836.7 | 1931.8 | 1951.8 | 1877.5 | 1728.0 | 1545.3 | 1340.2 | 1175.7 |
| 32.5° | 1440.3 | 1560.2 | 1682.5 | 1804.8 | 1884.3 | 1864.7 | 1741.8 | 1557.8 | 1343.7 | 1142.1 | 986.7 |
| 35° | 1365.2 | 1489.0 | 1621.0 | 1743.6 | 1794.2 | 1709.8 | 1526.0 | 1286.4 | 1067.5 | 879.3 | 772.3 |
| 37.5° | 1278.6 | 1413.3 | 1550.6 | 1663.1 | 1659.5 | 1518.8 | 1268.4 | 1021.2 | 837.2 | 725.9 | 649.7 |
| 40° | 1217.0 | 1353.3 | 1501.6 | 1596.6 | 1555.9 | 1372.7 | 1101.3 | 868.0 | 733.6 | 644.8 | 589.1 |
| 42.5° | 1158.0 | 1294.8 | 1442.0 | 1517.6 | 1446.9 | 1221.6 | 951.2 | 768.5 | 657.5 | 588.2 | 543.1 |
| 45° | 1057.5 | 1202.0 | 1338.3 | 1380.3 | 1253.9 | 1005.6 | 769.2 | 636.7 | 562.9 | 511.5 | 480.3 |
| 47.5° | 959.3 | 1101.5 | 1225.9 | 1226.6 | 1055.7 | 815.5 | 648.9 | 551.0 | 488.0 | 448.3 | 425.6 |
| 50° | 899.3 | 1034.3 | 1138.8 | 1122.6 | 928.7 | 725.5 | 580.3 | 496.0 | 443.4 | 412.7 | 389.0 |
| 52.5° | 831.8 | 962.8 | 1053.3 | 1007.0 | 821.1 | 638.4 | 518.8 | 447.9 | 404.4 | 377.8 | 356.5 |
| 55° | 733.6 | 849.9 | 913.7 | 843.7 | 669.8 | 530.9 | 438.4 | 382.8 | 350.2 | 327.7 | 309.5 |
| 57.5° | 637.2 | 733.1 | 773.3 | 691.6 | 551.7 | 440.3 | 370.9 | 329.0 | 296.8 | 280.7 | 271.3 |
| 60° | 576.6 | 658.6 | 686.6 | 596.6 | 479.7 | 385.2 | 328.3 | 289.5 | 265.8 | 255.1 | 245.8 |
| 62.5° | 517.1 | 584.0 | 595.6 | 513.0 | 418.1 | 337.2 | 288.3 | 255.5 | 239.8 | 229.6 | 220.7 |
| 65° | 429.0 | 477.2 | 471.6 | 405.3 | 330.8 | 267.7 | 232.1 | 212.0 | 200.1 | 185.8 | 170.1 |
| 67.5° | 353.2 | 382.6 | 364.9 | 315.2 | 252.5 | 208.0 | 184.7 | 169.6 | 154.9 | 141.2 | 137.6 |
| 70° | 305.2 | 322.1 | 303.3 | 257.7 | 207.0 | 174.5 | 155.7 | 137.6 | 128.8 | 125.7 | 120.1 |
| 72.5° | 259.2 | 265.0 | 244.8 | 205.7 | 168.4 | 144.5 | 126.2 | 116.0 | 111.3 | 108.7 | 105.1 |
| 75° | 194.5 | 190.1 | 172.6 | 141.9 | 117.0 | 100.7 | 95.1 | 91.3 | 88.2 | 85.7 | 83.8 |
| 77.5° | 136.6 | 130.2 | 114.6 | 94.5 | 81.4 | 73.7 | 70.3 | 68.3 | 66.8 | 65.5 | 63.6 |
| 80° | 102.5 | 98.2 | 82.6 | 67.6 | 61.9 | 58.2 | 56.3 | 53.8 | 53.8 | 52.5 | 50.6 |
| 82.5° | 75.0 | 70.1 | 56.6 | 49.5 | 46.4 | 44.1 | 42.8 | 41.3 | 40.8 | 41.0 | 39.7 |
| 85° | 39.4 | 31.9 | 28.2 | 26.9 | 25.0 | 23.8 | 24.4 | 23.1 | 23.1 | 23.1 | 22.5 |
| 87.5° | 12.9 | 11.0 | 11.2 | 11.3 | 12.8 | 13.9 | 14.7 | 15.8 | 17.5 | 17.0 | 17.3 |
| 90° | 4.5 | 7.7 | 11.0 | 14.2 | 18.9 | 24.9 | 30.8 | 36.8 | 42.8 | 42.2 | 41.7 |
| 92.5° | 24.1 | 26.6 | 28.9 | 31.3 | 33.2 | 34.6 | 36.0 | 37.4 | 38.8 | 38.9 | 39.1 |
| 95° | 66.3 | 69.0 | 71.7 | 74.5 | 76.1 | 76.6 | 77.1 | 77.7 | 78.2 | 78.2 | 78.2 |
| 97.5° | 118.5 | 120.9 | 123.3 | 125.6 | 127.3 | 128.4 | 129.4 | 130.4 | 131.5 | 131.5 | 131.5 |
| 100° | 157.4 | 159.6 | 161.7 | 163.9 | 165.4 | 166.2 | 167.0 | 167.9 | 168.6 | 168.6 | 168.6 |
| 102.5° | 198.0 | 199.7 | 201.5 | 203.2 | 204.6 | 205.7 | 206.7 | 207.7 | 208.8 | 209.0 | 209.2 |
| 105° | 263.5 | 264.4 | 265.2 | 266.0 | 266.7 | 267.2 | 267.8 | 268.3 | 268.9 | 269.4 | 269.9 |
| 107.5° | 330.9 | 332.2 | 333.3 | 334.5 | 335.1 | 335.1 | 335.1 | 335.1 | 335.1 | 335.4 | 335.5 |
| 110° | 374.4 | 376.0 | 377.7 | 379.3 | 380.1 | 380.1 | 380.1 | 380.1 | 380.1 | 380.1 | 380.1 |



TEST NUMBER: P331838-830

CATALOG NUMBER: S122RDIW-S865D1240U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 421.3 | 422.9 | 424.6 | 426.2 | 426.9 | 426.7 | 426.5 | 426.2 | 426.0 | 425.4 | 424.7 |
| 115° | 490.5 | 492.1 | 493.7 | 495.4 | 495.9 | 495.4 | 494.8 | 494.3 | 493.7 | 493.5 | 493.2 |
| 117.5° | 560.0 | 562.1 | 564.3 | 566.5 | 566.8 | 565.2 | 563.7 | 562.2 | 560.7 | 560.1 | 559.4 |
| 120° | 605.9 | 608.1 | 610.3 | 612.5 | 612.5 | 610.3 | 608.1 | 605.9 | 603.7 | 603.7 | 603.7 |
| 122.5° | 648.4 | 651.0 | 653.6 | 656.2 | 656.8 | 655.3 | 653.7 | 652.1 | 650.6 | 650.0 | 649.4 |
| 125° | 713.7 | 716.1 | 718.6 | 721.0 | 721.9 | 721.0 | 720.3 | 719.4 | 718.6 | 717.8 | 717.0 |
| 127.5° | 778.2 | 781.3 | 784.4 | 787.5 | 788.5 | 787.6 | 786.6 | 785.6 | 784.6 | 783.6 | 782.7 |
| 130° | 818.7 | 822.3 | 825.8 | 829.2 | 830.8 | 830.3 | 829.7 | 829.2 | 828.6 | 828.0 | 827.6 |
| 132.5° | 863.0 | 865.9 | 868.7 | 871.7 | 873.2 | 873.3 | 873.4 | 873.5 | 873.5 | 872.4 | 871.2 |
| 135° | 923.2 | 926.2 | 929.3 | 932.3 | 934.0 | 934.5 | 935.1 | 935.7 | 936.1 | 935.9 | 935.7 |
| 137.5° | 986.0 | 988.4 | 990.9 | 993.3 | 994.9 | 995.6 | 996.4 | 997.0 | 997.8 | 997.6 | 997.3 |
| 140° | 1024.2 | 1026.6 | 1029.1 | 1031.5 | 1033.4 | 1034.7 | 1036.1 | 1037.5 | 1038.8 | 1038.8 | 1038.8 |
| 142.5° | 1063.3 | 1065.7 | 1068.2 | 1070.6 | 1072.2 | 1073.2 | 1074.1 | 1075.1 | 1076.0 | 1076.2 | 1076.4 |
| 145° | 1119.0 | 1120.9 | 1122.8 | 1124.6 | 1126.4 | 1128.0 | 1129.6 | 1131.3 | 1132.9 | 1133.2 | 1133.5 |
| 147.5° | 1169.4 | 1171.7 | 1174.0 | 1176.3 | 1178.0 | 1179.0 | 1180.2 | 1181.2 | 1182.3 | 1182.9 | 1183.5 |
| 150° | 1203.0 | 1204.7 | 1206.3 | 1207.9 | 1209.3 | 1210.3 | 1211.4 | 1212.5 | 1213.6 | 1214.4 | 1215.2 |
| 152.5° | 1233.3 | 1234.9 | 1236.5 | 1238.2 | 1239.6 | 1241.0 | 1242.3 | 1243.6 | 1244.9 | 1245.9 | 1247.0 |
| 155° | 1278.0 | 1278.7 | 1279.6 | 1280.4 | 1281.2 | 1282.0 | 1282.8 | 1283.6 | 1284.5 | 1285.8 | 1287.2 |
| 157.5° | 1316.5 | 1317.1 | 1317.7 | 1318.1 | 1318.7 | 1319.2 | 1319.7 | 1320.1 | 1320.7 | 1322.5 | 1324.4 |
| 160° | 1340.0 | 1340.6 | 1341.1 | 1341.6 | 1342.1 | 1342.3 | 1342.6 | 1342.8 | 1343.1 | 1344.7 | 1346.4 |
| 162.5° | 1361.1 | 1361.2 | 1361.3 | 1361.4 | 1361.6 | 1361.9 | 1362.2 | 1362.4 | 1362.7 | 1364.5 | 1366.4 |
| 165° | 1389.3 | 1389.0 | 1388.7 | 1388.5 | 1388.4 | 1388.4 | 1388.4 | 1388.4 | 1388.4 | 1390.3 | 1392.1 |
| 167.5° | 1412.7 | 1411.9 | 1411.1 | 1410.2 | 1409.9 | 1409.8 | 1409.8 | 1409.7 | 1409.6 | 1411.6 | 1413.4 |
| 170° | 1425.4 | 1424.7 | 1423.8 | 1423.0 | 1422.5 | 1422.2 | 1421.9 | 1421.6 | 1421.4 | 1423.2 | 1425.1 |
| 172.5° | 1434.3 | 1433.4 | 1432.6 | 1431.8 | 1431.3 | 1431.0 | 1430.7 | 1430.4 | 1430.1 | 1432.1 | 1434.0 |
| 175° | 1445.0 | 1444.2 | 1443.3 | 1442.6 | 1441.9 | 1441.3 | 1440.8 | 1440.2 | 1439.6 | 1441.6 | 1443.5 |
| 177.5° | 1449.5 | 1448.9 | 1448.2 | 1447.6 | 1447.1 | 1446.6 | 1446.1 | 1445.8 | 1445.3 | 1446.6 | 1447.9 |
| 180° | 1448.2 | 1448.2 | 1448.2 | 1448.2 | 1448.2 | 1448.2 | 1448.2 | 1448.2 | 1448.2 | 1448.2 | 1448.2 |



TEST NUMBER: P331838-830

CATALOG NUMBER: S122RDIW-S865D1240U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 | 1799.9 |
| 2.5° | 1862.9 | 1869.4 | 1872.4 | 1872.4 | 1875.9 | 1874.4 | 1872.9 |
| 5° | 1970.0 | 1981.9 | 1984.3 | 1995.6 | 2003.8 | 2001.2 | 2002.5 |
| 7.5° | 2076.4 | 2095.6 | 2114.4 | 2123.1 | 2124.4 | 2129.4 | 2131.3 |
| 10° | 2141.9 | 2157.6 | 2187.0 | 2182.6 | 2204.5 | 2217.0 | 2196.3 |
| 12.5° | 2205.0 | 2226.1 | 2246.6 | 2252.1 | 2264.6 | 2268.5 | 2260.4 |
| 15° | 2262.0 | 2273.3 | 2274.5 | 2271.4 | 2275.1 | 2272.0 | 2260.1 |
| 17.5° | 2208.8 | 2190.5 | 2153.4 | 2135.9 | 2122.0 | 2101.6 | 2093.3 |
| 20° | 2120.7 | 2066.9 | 2004.3 | 1979.3 | 1949.9 | 1892.4 | 1906.2 |
| 22.5° | 1930.6 | 1869.3 | 1806.8 | 1733.7 | 1698.8 | 1644.3 | 1641.0 |
| 25° | 1634.7 | 1529.1 | 1412.8 | 1331.4 | 1283.9 | 1229.5 | 1205.7 |
| 27.5° | 1271.0 | 1137.9 | 1042.6 | 994.4 | 950.5 | 907.3 | 905.6 |
| 30° | 1031.9 | 931.8 | 858.0 | 816.7 | 789.9 | 771.8 | 775.5 |
| 32.5° | 869.8 | 801.3 | 751.5 | 717.2 | 697.3 | 683.6 | 683.4 |
| 35° | 711.1 | 664.1 | 632.3 | 617.8 | 603.5 | 593.5 | 594.1 |
| 37.5° | 608.5 | 580.3 | 562.6 | 546.7 | 537.7 | 532.8 | 530.1 |
| 40° | 556.0 | 532.8 | 519.1 | 509.7 | 502.2 | 495.3 | 494.1 |
| 42.5° | 514.4 | 495.3 | 481.5 | 474.2 | 467.1 | 462.3 | 461.0 |
| 45° | 456.6 | 440.9 | 428.4 | 420.3 | 417.2 | 412.7 | 412.7 |
| 47.5° | 406.1 | 390.8 | 381.0 | 375.9 | 370.5 | 367.6 | 367.5 |
| 50° | 372.1 | 360.2 | 351.5 | 348.4 | 343.9 | 342.0 | 341.5 |
| 52.5° | 341.6 | 332.7 | 326.5 | 324.3 | 322.4 | 320.1 | 320.5 |
| 55° | 300.2 | 295.2 | 292.7 | 290.8 | 287.7 | 283.9 | 286.4 |
| 57.5° | 265.3 | 261.0 | 254.3 | 248.4 | 245.5 | 242.9 | 243.9 |
| 60° | 240.8 | 232.1 | 223.3 | 216.4 | 214.5 | 208.9 | 208.9 |
| 62.5° | 209.7 | 197.5 | 186.7 | 182.9 | 181.0 | 178.3 | 177.9 |
| 65° | 161.4 | 156.4 | 153.8 | 151.4 | 150.1 | 150.1 | 148.8 |
| 67.5° | 133.7 | 131.7 | 128.9 | 128.4 | 127.1 | 126.7 | 126.3 |
| 70° | 118.2 | 115.6 | 114.4 | 113.9 | 112.5 | 113.2 | 111.3 |
| 72.5° | 103.2 | 101.2 | 100.9 | 99.3 | 98.6 | 98.7 | 97.3 |
| 75° | 81.3 | 81.3 | 80.7 | 80.0 | 78.8 | 78.1 | 78.8 |
| 77.5° | 62.6 | 62.7 | 61.5 | 61.5 | 61.3 | 61.5 | 60.8 |
| 80° | 50.0 | 50.6 | 50.0 | 49.4 | 48.8 | 49.4 | 48.8 |
| 82.5° | 39.5 | 38.6 | 38.5 | 38.4 | 38.3 | 37.9 | 37.8 |
| 85° | 22.5 | 23.1 | 22.5 | 21.9 | 21.9 | 21.9 | 22.5 |
| 87.5° | 16.8 | 16.6 | 16.6 | 16.7 | 16.7 | 16.8 | 16.3 |
| 90° | 41.2 | 40.6 | 40.4 | 40.7 | 41.0 | 41.3 | 41.6 |
| 92.5° | 39.2 | 39.3 | 39.4 | 39.4 | 39.5 | 39.6 | 39.6 |
| 95° | 78.2 | 78.2 | 77.9 | 77.4 | 76.8 | 76.3 | 75.8 |
| 97.5° | 131.5 | 131.5 | 131.5 | 131.4 | 131.4 | 131.3 | 131.3 |
| 100° | 168.6 | 168.6 | 168.5 | 168.2 | 168.0 | 167.7 | 167.4 |
| 102.5° | 209.4 | 209.6 | 209.6 | 209.3 | 209.1 | 208.8 | 208.5 |
| 105° | 270.5 | 271.1 | 271.4 | 271.4 | 271.4 | 271.4 | 271.4 |
| 107.5° | 335.7 | 336.0 | 335.5 | 334.2 | 333.0 | 331.7 | 330.5 |
| 110° | 380.1 | 380.1 | 379.7 | 378.9 | 378.1 | 377.2 | 376.5 |



TEST NUMBER: P331838-830

CATALOG NUMBER: S122RDIW-S865D1240U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 424.0 | 423.4 | 422.8 | 422.2 | 421.6 | 421.0 | 420.4 |
| 115° | 492.9 | 492.7 | 492.1 | 491.3 | 490.5 | 489.7 | 488.9 |
| 117.5° | 558.7 | 558.1 | 557.4 | 556.6 | 555.7 | 555.0 | 554.1 |
| 120° | 603.7 | 603.7 | 603.3 | 602.5 | 601.7 | 600.9 | 600.1 |
| 122.5° | 648.8 | 648.1 | 647.4 | 646.9 | 646.2 | 645.6 | 645.1 |
| 125° | 716.1 | 715.4 | 714.8 | 714.5 | 714.3 | 714.0 | 713.7 |
| 127.5° | 781.7 | 780.7 | 779.8 | 778.9 | 778.1 | 777.2 | 776.3 |
| 130° | 827.0 | 826.4 | 825.7 | 824.5 | 823.5 | 822.4 | 821.2 |
| 132.5° | 870.0 | 868.8 | 867.8 | 867.0 | 866.0 | 865.2 | 864.3 |
| 135° | 935.4 | 935.1 | 934.5 | 933.7 | 932.9 | 932.1 | 931.2 |
| 137.5° | 997.1 | 996.9 | 996.3 | 995.1 | 994.1 | 993.0 | 991.9 |
| 140° | 1038.8 | 1038.8 | 1038.3 | 1037.2 | 1036.1 | 1035.0 | 1034.0 |
| 142.5° | 1076.7 | 1076.9 | 1076.4 | 1075.3 | 1074.2 | 1073.2 | 1072.0 |
| 145° | 1133.8 | 1134.0 | 1133.6 | 1132.6 | 1131.4 | 1130.4 | 1129.3 |
| 147.5° | 1184.1 | 1184.7 | 1184.5 | 1183.5 | 1182.4 | 1181.4 | 1180.3 |
| 150° | 1216.1 | 1216.8 | 1216.8 | 1216.1 | 1215.2 | 1214.4 | 1213.6 |
| 152.5° | 1247.9 | 1249.0 | 1249.0 | 1247.9 | 1247.0 | 1245.9 | 1244.9 |
| 155° | 1288.5 | 1289.9 | 1290.2 | 1289.4 | 1288.5 | 1287.7 | 1286.9 |
| 157.5° | 1326.2 | 1328.0 | 1328.3 | 1327.0 | 1325.7 | 1324.4 | 1323.0 |
| 160° | 1348.0 | 1349.6 | 1349.9 | 1348.9 | 1347.7 | 1346.7 | 1345.6 |
| 162.5° | 1368.2 | 1370.1 | 1370.4 | 1369.0 | 1367.7 | 1366.4 | 1365.2 |
| 165° | 1394.0 | 1396.0 | 1396.2 | 1394.9 | 1393.5 | 1392.1 | 1390.8 |
| 167.5° | 1415.3 | 1417.2 | 1417.5 | 1416.1 | 1414.7 | 1413.2 | 1411.8 |
| 170° | 1427.0 | 1429.0 | 1429.1 | 1427.5 | 1425.9 | 1424.2 | 1422.6 |
| 172.5° | 1435.9 | 1437.8 | 1437.8 | 1436.2 | 1434.6 | 1433.0 | 1431.3 |
| 175° | 1445.4 | 1447.3 | 1447.5 | 1445.8 | 1444.2 | 1442.6 | 1440.9 |
| 177.5° | 1449.3 | 1450.5 | 1450.5 | 1449.3 | 1447.9 | 1446.6 | 1445.3 |
| 180° | 1448.2 | 1448.2 | 1448.2 | 1448.2 | 1448.2 | 1448.2 | 1448.2 |

(END OF REPORT)