

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: P331861-930

Luminaire Tested: **S122RDIW-S1005D1440U930-4F0-1E-UDD-A**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P331861-930
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-2,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S122RDIW-S1005D1440U930-4F0-1E-UDD-A
Description: DEFINE 2 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE
DOWNLIGHT 1005 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 1440 LUMENS PER FOOT, NO LENS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7807.6 lumens
Efficiency: N/A
Efficacy: 94.2 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: Semi-Indirect

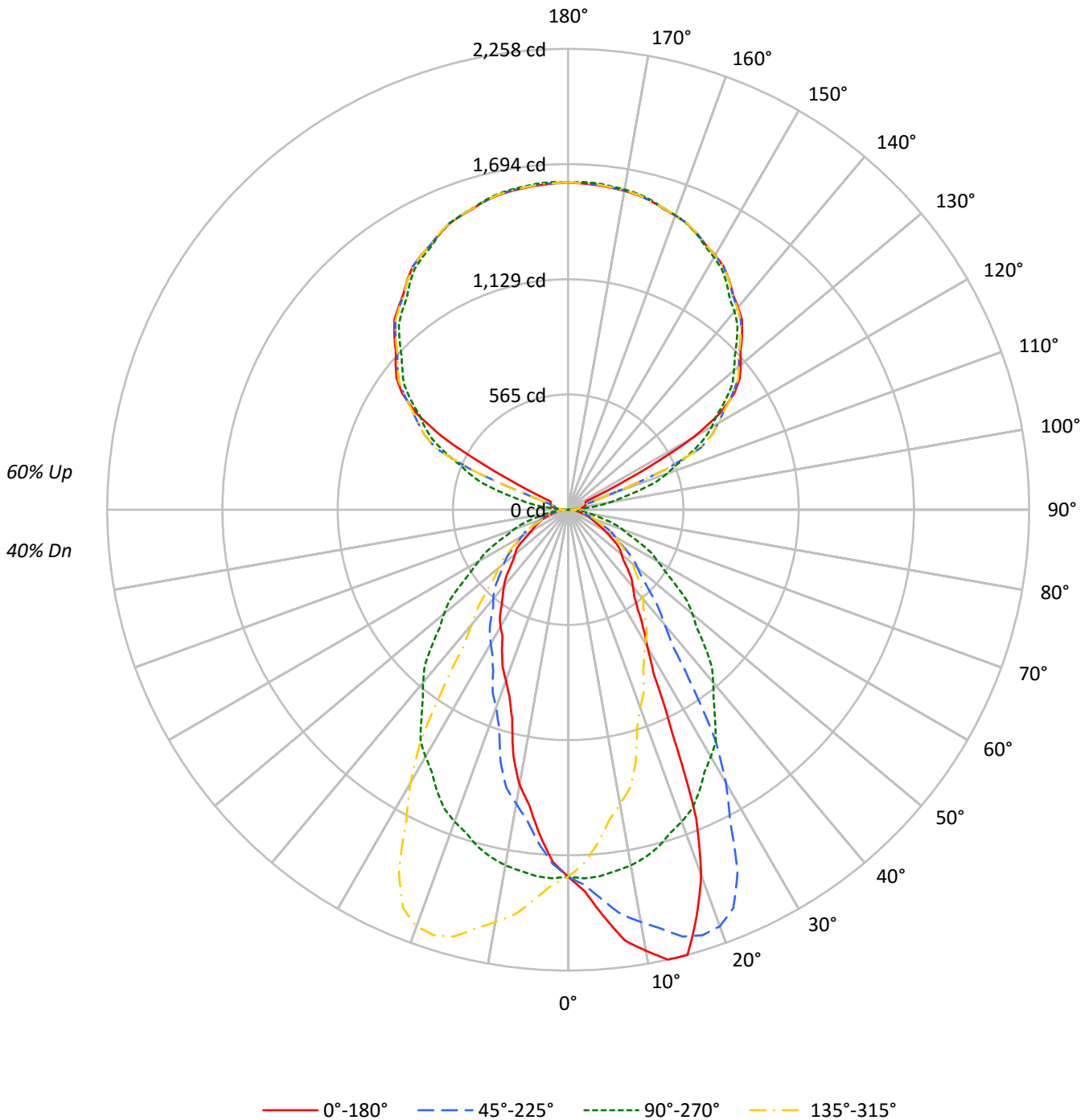
Input Watts (W): 82.9
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P331861-930

CATALOG NUMBER: S122RDIW-S1005D1440U930-4F0-1E-UDD-A

Luminous Intensity Polar Plot





TEST NUMBER: P331861-930

CATALOG NUMBER: S122RDIW-S1005D1440U930-4F0-1E-UDD-A

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 | 105 | 105 | 105 | 105 | 95 | 95 | 95 | 95 | 78 | 78 | 78 | 62 | 62 | 62 | 47 | 47 | 47 | 40 |
| 1 | 96 | 92 | 88 | 85 | 87 | 84 | 81 | 78 | 69 | 67 | 65 | 55 | 54 | 52 | 42 | 41 | 41 | 35 |
| 2 | 88 | 81 | 75 | 71 | 80 | 74 | 69 | 65 | 61 | 58 | 55 | 49 | 47 | 45 | 38 | 37 | 35 | 30 |
| 3 | 81 | 72 | 65 | 60 | 73 | 66 | 60 | 55 | 55 | 50 | 47 | 44 | 41 | 39 | 34 | 32 | 31 | 26 |
| 4 | 74 | 64 | 57 | 51 | 67 | 59 | 52 | 47 | 49 | 44 | 40 | 40 | 36 | 34 | 31 | 29 | 27 | 23 |
| 5 | 68 | 57 | 50 | 44 | 62 | 53 | 46 | 41 | 44 | 39 | 35 | 36 | 32 | 30 | 28 | 26 | 24 | 21 |
| 6 | 63 | 52 | 44 | 39 | 57 | 48 | 41 | 36 | 40 | 35 | 31 | 33 | 29 | 26 | 26 | 24 | 22 | 19 |
| 7 | 59 | 47 | 39 | 34 | 53 | 43 | 37 | 32 | 36 | 31 | 28 | 30 | 26 | 24 | 24 | 21 | 20 | 17 |
| 8 | 54 | 43 | 35 | 30 | 50 | 40 | 33 | 29 | 33 | 28 | 25 | 28 | 24 | 21 | 22 | 20 | 18 | 15 |
| 9 | 51 | 39 | 32 | 27 | 46 | 36 | 30 | 26 | 31 | 26 | 22 | 26 | 22 | 19 | 21 | 18 | 16 | 14 |
| 10 | 47 | 36 | 29 | 25 | 43 | 33 | 27 | 23 | 28 | 24 | 20 | 24 | 20 | 18 | 19 | 17 | 15 | 13 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 29032 | 29032 | 29032 | 29032 |
| 5° | 32423 | 29214 | 25901 | 29214 |
| 10° | 35974 | 29009 | 22453 | 29009 |
| 15° | 37742 | 28583 | 17690 | 28583 |
| 20° | 32720 | 27953 | 15309 | 27953 |
| 25° | 21458 | 27091 | 13668 | 27091 |
| 30° | 14443 | 26045 | 12370 | 26045 |
| 35° | 11698 | 24727 | 11158 | 24727 |
| 40° | 10404 | 23294 | 10323 | 23294 |
| 45° | 9417 | 21614 | 9216 | 21614 |
| 50° | 8568 | 19947 | 8538 | 19947 |
| 55° | 8056 | 18097 | 7949 | 18097 |
| 60° | 6736 | 16401 | 6659 | 16401 |
| 65° | 5681 | 14896 | 6445 | 14896 |
| 70° | 5249 | 13303 | 6076 | 13303 |
| 75° | 4916 | 11578 | 5608 | 11578 |
| 80° | 4537 | 9530 | 4993 | 9530 |
| 85° | 4168 | 7521 | 4390 | 7521 |



TEST NUMBER: P331861-930

CATALOG NUMBER: S122RDIW-S1005D1440U930-4F0-1E-UDD-A

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 170.4 | 2.2 |
| 10°-20° | 474.9 | 6.1 |
| 20°-30° | 612.0 | 7.8 |
| 30°-40° | 581.6 | 7.4 |
| 40°-50° | 498.2 | 6.4 |
| 50°-60° | 379.4 | 4.9 |
| 60°-70° | 239.9 | 3.1 |
| 70°-80° | 119.8 | 1.5 |
| 80°-90° | 35.1 | 0.4 |
| 90°-100° | 53.5 | 0.7 |
| 100°-110° | 196.0 | 2.5 |
| 110°-120° | 524.0 | 6.7 |
| 120°-130° | 865.0 | 11.1 |
| 130°-140° | 919.9 | 11.8 |
| 140°-150° | 855.0 | 11.0 |
| 150°-160° | 687.4 | 8.8 |
| 160°-170° | 443.0 | 5.7 |
| 170°-180° | 152.5 | 2.0 |
| 0°-30° | 1257.4 | 16.1 |
| 0°-40° | 1839.0 | 23.6 |
| 0°-60° | 2716.7 | 34.8 |
| 0°-90° | 3111.5 | 39.9 |
| 90°-120° | 773.5 | 9.9 |
| 90°-150° | 3413.3 | 43.7 |
| 90°-180° | 4696.0 | 60.1 |
| 0°-180° | 7807.6 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 1798 | 1798 | 1798 | 1798 | 1798 | |
| 5° | 2000 | 1802 | 1598 | 1802 | 2000 | 197 |
| 15° | 2258 | 1710 | 1058 | 1710 | 2258 | 609 |
| 25° | 1204 | 1521 | 767 | 1521 | 1204 | 572 |
| 35° | 594 | 1254 | 566 | 1254 | 594 | 380 |
| 45° | 412 | 947 | 404 | 947 | 412 | 319 |
| 55° | 286 | 643 | 282 | 643 | 286 | 251 |
| 65° | 149 | 390 | 169 | 390 | 149 | 151 |
| 75° | 79 | 186 | 90 | 186 | 79 | 84 |
| 85° | 22 | 41 | 24 | 41 | 22 | 25 |
| 90° | 31 | 1 | 31 | 1 | 31 | 15 |
| 95° | 50 | 75 | 50 | 75 | 50 | 47 |
| 105° | 88 | 352 | 88 | 352 | 88 | 92 |
| 115° | 95 | 667 | 95 | 667 | 95 | 238 |
| 125° | 991 | 943 | 991 | 943 | 991 | 858 |
| 135° | 1205 | 1166 | 1205 | 1166 | 1205 | 929 |
| 145° | 1374 | 1353 | 1374 | 1353 | 1374 | 859 |
| 155° | 1491 | 1490 | 1491 | 1490 | 1491 | 688 |
| 165° | 1566 | 1570 | 1566 | 1570 | 1566 | 442 |
| 175° | 1597 | 1606 | 1597 | 1606 | 1597 | 152 |
| 180° | 1602 | 1602 | 1602 | 1602 | 1602 | |



TEST NUMBER: P331861-930

CATALOG NUMBER: S122RDIW-S1005D1440U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 |
| 2.5° | 1871.0 | 1872.6 | 1874.0 | 1870.5 | 1870.5 | 1867.5 | 1861.1 | 1856.0 | 1842.1 | 1840.0 | 1840.0 |
| 5° | 2000.5 | 1999.3 | 2001.7 | 1993.7 | 1982.4 | 1979.9 | 1968.1 | 1952.4 | 1936.2 | 1918.1 | 1914.3 |
| 7.5° | 2129.2 | 2127.4 | 2122.3 | 2121.0 | 2112.4 | 2093.4 | 2074.4 | 2054.0 | 2027.0 | 2000.7 | 1987.4 |
| 10° | 2194.2 | 2214.8 | 2202.3 | 2180.4 | 2184.8 | 2155.5 | 2139.8 | 2113.0 | 2090.5 | 2051.1 | 2042.4 |
| 12.5° | 2258.1 | 2266.3 | 2262.3 | 2249.9 | 2244.3 | 2223.9 | 2202.8 | 2179.5 | 2138.0 | 2102.6 | 2071.8 |
| 15° | 2257.9 | 2269.8 | 2272.9 | 2269.1 | 2272.3 | 2271.0 | 2259.8 | 2240.4 | 2204.2 | 2165.4 | 2131.7 |
| 17.5° | 2091.2 | 2099.5 | 2119.9 | 2133.8 | 2151.3 | 2188.3 | 2206.5 | 2213.7 | 2208.3 | 2186.2 | 2162.4 |
| 20° | 1904.3 | 1890.5 | 1948.0 | 1977.4 | 2002.4 | 2064.8 | 2118.6 | 2139.2 | 2172.3 | 2171.7 | 2165.4 |
| 22.5° | 1639.4 | 1642.7 | 1697.1 | 1732.0 | 1805.0 | 1867.4 | 1928.7 | 2006.3 | 2070.4 | 2112.7 | 2137.5 |
| 25° | 1204.5 | 1228.3 | 1282.6 | 1330.2 | 1411.4 | 1527.5 | 1633.1 | 1755.6 | 1871.2 | 1962.4 | 2049.3 |
| 27.5° | 904.7 | 906.4 | 949.5 | 993.4 | 1041.6 | 1136.9 | 1269.7 | 1416.0 | 1580.8 | 1716.8 | 1873.2 |
| 30° | 774.7 | 770.9 | 789.0 | 816.0 | 857.2 | 930.9 | 1030.9 | 1174.6 | 1338.9 | 1543.8 | 1726.2 |
| 32.5° | 682.7 | 683.0 | 696.6 | 716.5 | 750.7 | 800.5 | 868.9 | 985.6 | 1140.9 | 1342.4 | 1556.3 |
| 35° | 593.5 | 592.9 | 602.9 | 617.3 | 631.6 | 663.5 | 710.4 | 771.6 | 878.4 | 1066.5 | 1285.2 |
| 37.5° | 529.5 | 532.3 | 537.2 | 546.2 | 562.1 | 579.8 | 607.9 | 649.0 | 725.1 | 836.3 | 1020.1 |
| 40° | 493.6 | 494.8 | 501.7 | 509.2 | 518.5 | 532.3 | 555.4 | 588.6 | 644.2 | 732.9 | 867.2 |
| 42.5° | 460.6 | 461.9 | 466.7 | 473.7 | 481.1 | 494.8 | 514.0 | 542.6 | 587.7 | 656.9 | 767.7 |
| 45° | 412.4 | 412.4 | 416.7 | 419.9 | 428.0 | 440.4 | 456.1 | 479.8 | 511.0 | 562.3 | 636.0 |
| 47.5° | 367.1 | 367.2 | 370.1 | 375.5 | 380.6 | 390.4 | 405.7 | 425.1 | 447.8 | 487.5 | 550.4 |
| 50° | 341.1 | 341.8 | 343.6 | 348.0 | 351.1 | 359.9 | 371.8 | 388.6 | 412.4 | 443.0 | 495.5 |
| 52.5° | 320.2 | 319.8 | 322.1 | 324.0 | 326.1 | 332.4 | 341.3 | 356.1 | 377.3 | 404.0 | 447.4 |
| 55° | 286.2 | 283.6 | 287.4 | 290.5 | 292.4 | 294.9 | 299.9 | 309.2 | 327.3 | 349.8 | 382.4 |
| 57.5° | 243.7 | 242.6 | 245.3 | 248.2 | 254.0 | 260.8 | 265.1 | 271.0 | 280.4 | 296.5 | 328.7 |
| 60° | 208.6 | 208.6 | 214.3 | 216.1 | 223.1 | 231.8 | 240.5 | 245.6 | 254.9 | 265.5 | 289.3 |
| 62.5° | 177.7 | 178.2 | 180.8 | 182.7 | 186.5 | 197.3 | 209.5 | 220.5 | 229.4 | 239.5 | 255.3 |
| 65° | 148.7 | 149.9 | 149.9 | 151.2 | 153.7 | 156.2 | 161.2 | 169.9 | 185.6 | 199.9 | 211.8 |
| 67.5° | 126.2 | 126.6 | 126.9 | 128.2 | 128.8 | 131.6 | 133.5 | 137.5 | 141.0 | 154.7 | 169.4 |
| 70° | 111.2 | 113.1 | 112.4 | 113.7 | 114.3 | 115.6 | 118.1 | 119.9 | 125.6 | 128.7 | 137.5 |
| 72.5° | 97.2 | 98.6 | 98.5 | 99.2 | 100.9 | 101.1 | 103.1 | 104.9 | 108.6 | 111.2 | 115.9 |
| 75° | 78.8 | 78.1 | 78.8 | 80.0 | 80.6 | 81.2 | 81.2 | 83.7 | 85.6 | 88.1 | 91.2 |
| 77.5° | 60.7 | 61.4 | 61.2 | 61.4 | 61.5 | 62.6 | 62.5 | 63.6 | 65.5 | 66.7 | 68.2 |
| 80° | 48.8 | 49.3 | 48.8 | 49.3 | 50.0 | 50.6 | 50.0 | 50.6 | 52.5 | 53.7 | 53.7 |
| 82.5° | 37.7 | 37.8 | 38.2 | 38.4 | 38.5 | 38.6 | 39.5 | 39.6 | 41.0 | 40.8 | 41.3 |
| 85° | 22.5 | 21.9 | 21.9 | 21.9 | 22.5 | 23.2 | 22.5 | 22.5 | 23.2 | 23.2 | 23.2 |
| 87.5° | 14.3 | 14.7 | 14.5 | 14.4 | 14.3 | 14.2 | 13.9 | 14.2 | 13.4 | 13.6 | 12.7 |
| 90° | 31.3 | 30.8 | 30.2 | 29.8 | 29.3 | 28.4 | 27.1 | 25.8 | 24.5 | 23.2 | 21.1 |
| 92.5° | 31.3 | 31.0 | 30.7 | 30.4 | 30.1 | 29.6 | 28.9 | 28.2 | 27.6 | 26.9 | 25.8 |
| 95° | 49.9 | 50.1 | 50.4 | 50.6 | 50.9 | 50.4 | 49.1 | 47.8 | 46.5 | 45.2 | 43.5 |
| 97.5° | 66.5 | 66.3 | 66.0 | 65.6 | 65.3 | 64.7 | 63.6 | 62.6 | 61.6 | 60.5 | 56.3 |
| 100° | 77.7 | 77.2 | 76.6 | 76.1 | 75.7 | 74.4 | 72.3 | 70.2 | 68.2 | 66.1 | 61.7 |
| 102.5° | 83.2 | 82.5 | 81.8 | 81.1 | 80.4 | 78.7 | 76.0 | 73.3 | 70.6 | 67.9 | 104.6 |
| 105° | 88.1 | 87.1 | 86.1 | 85.0 | 84.0 | 82.1 | 79.2 | 76.4 | 73.5 | 70.8 | 141.0 |
| 107.5° | 90.7 | 89.7 | 88.6 | 87.6 | 86.6 | 87.5 | 90.3 | 93.3 | 96.1 | 99.1 | 183.4 |
| 110° | 91.6 | 90.6 | 89.5 | 88.5 | 87.5 | 99.9 | 125.6 | 151.4 | 177.2 | 202.9 | 277.4 |



TEST NUMBER: P331861-930

CATALOG NUMBER: S122RDIW-S1005D1440U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 92.5 | 91.7 | 90.9 | 90.1 | 89.2 | 135.8 | 229.8 | 323.8 | 417.8 | 511.8 | 530.2 |
| 115° | 95.1 | 113.7 | 132.2 | 150.7 | 169.3 | 238.2 | 357.5 | 476.9 | 596.1 | 715.4 | 709.0 |
| 117.5° | 388.2 | 449.1 | 510.1 | 571.1 | 632.1 | 677.0 | 705.9 | 734.7 | 763.6 | 792.5 | 788.0 |
| 120° | 707.4 | 742.1 | 776.9 | 811.7 | 846.4 | 862.3 | 859.2 | 856.1 | 853.0 | 849.9 | 845.3 |
| 122.5° | 882.6 | 889.4 | 896.2 | 902.9 | 909.6 | 912.1 | 910.3 | 908.4 | 906.5 | 904.7 | 899.6 |
| 125° | 991.4 | 990.7 | 989.9 | 989.1 | 988.3 | 987.0 | 985.2 | 983.4 | 981.6 | 979.8 | 974.9 |
| 127.5° | 1060.1 | 1059.9 | 1059.7 | 1059.6 | 1059.5 | 1058.0 | 1055.4 | 1052.8 | 1050.2 | 1047.6 | 1043.9 |
| 130° | 1102.7 | 1103.0 | 1103.3 | 1103.5 | 1103.8 | 1102.4 | 1099.7 | 1096.8 | 1094.0 | 1091.1 | 1088.3 |
| 132.5° | 1144.4 | 1144.8 | 1145.0 | 1145.3 | 1145.5 | 1144.4 | 1142.0 | 1139.5 | 1137.2 | 1134.7 | 1131.9 |
| 135° | 1204.8 | 1205.3 | 1205.8 | 1206.3 | 1206.8 | 1205.8 | 1203.2 | 1200.6 | 1198.1 | 1195.5 | 1193.2 |
| 137.5° | 1259.7 | 1260.6 | 1261.5 | 1262.3 | 1263.2 | 1262.4 | 1259.9 | 1257.4 | 1254.8 | 1252.3 | 1249.7 |
| 140° | 1294.0 | 1295.3 | 1296.7 | 1298.0 | 1299.2 | 1298.7 | 1296.4 | 1294.0 | 1291.8 | 1289.4 | 1286.6 |
| 142.5° | 1327.5 | 1328.8 | 1330.0 | 1331.3 | 1332.6 | 1332.2 | 1330.1 | 1328.0 | 1325.8 | 1323.7 | 1320.5 |
| 145° | 1374.1 | 1375.3 | 1376.6 | 1377.9 | 1379.2 | 1379.0 | 1377.1 | 1375.3 | 1373.5 | 1371.7 | 1367.3 |
| 147.5° | 1415.1 | 1416.2 | 1417.3 | 1418.4 | 1419.4 | 1419.4 | 1418.0 | 1416.7 | 1415.3 | 1414.0 | 1409.7 |
| 150° | 1440.1 | 1441.4 | 1442.8 | 1444.1 | 1445.3 | 1445.2 | 1443.7 | 1442.1 | 1440.6 | 1439.0 | 1434.8 |
| 152.5° | 1461.5 | 1463.2 | 1464.9 | 1466.6 | 1468.3 | 1468.4 | 1466.8 | 1465.3 | 1463.7 | 1462.2 | 1458.2 |
| 155° | 1491.2 | 1493.2 | 1495.3 | 1497.4 | 1499.4 | 1499.7 | 1498.1 | 1496.6 | 1495.0 | 1493.5 | 1490.4 |
| 157.5° | 1518.3 | 1520.3 | 1522.3 | 1524.4 | 1526.3 | 1526.5 | 1524.7 | 1523.0 | 1521.3 | 1519.5 | 1517.3 |
| 160° | 1534.1 | 1535.9 | 1537.7 | 1539.5 | 1541.3 | 1541.4 | 1539.9 | 1538.3 | 1536.8 | 1535.2 | 1533.7 |
| 162.5° | 1547.1 | 1549.3 | 1551.5 | 1553.7 | 1555.9 | 1556.2 | 1554.4 | 1552.7 | 1550.9 | 1549.2 | 1547.8 |
| 165° | 1566.5 | 1568.4 | 1570.2 | 1572.0 | 1573.8 | 1573.8 | 1572.0 | 1570.2 | 1568.4 | 1566.5 | 1565.8 |
| 167.5° | 1578.8 | 1581.2 | 1583.5 | 1585.8 | 1588.1 | 1588.4 | 1586.6 | 1584.8 | 1583.0 | 1581.2 | 1580.5 |
| 170° | 1586.2 | 1588.6 | 1590.9 | 1593.3 | 1595.5 | 1595.8 | 1594.0 | 1592.2 | 1590.4 | 1588.6 | 1588.0 |
| 172.5° | 1591.8 | 1594.2 | 1596.4 | 1598.8 | 1601.1 | 1601.3 | 1599.5 | 1597.7 | 1595.9 | 1594.2 | 1593.7 |
| 175° | 1596.7 | 1599.3 | 1601.8 | 1604.4 | 1607.0 | 1607.4 | 1605.6 | 1603.8 | 1602.0 | 1600.2 | 1599.7 |
| 177.5° | 1599.7 | 1601.6 | 1603.4 | 1605.2 | 1607.1 | 1607.4 | 1605.9 | 1604.4 | 1603.0 | 1601.6 | 1601.3 |
| 180° | 1602.5 | 1602.5 | 1602.5 | 1602.5 | 1602.5 | 1602.5 | 1602.5 | 1602.5 | 1602.5 | 1602.5 | 1602.5 |



TEST NUMBER: P331861-930

CATALOG NUMBER: S122RDIW-S1005D1440U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 |
| 2.5° | 1841.1 | 1837.0 | 1833.6 | 1824.6 | 1820.1 | 1810.0 | 1808.6 | 1808.1 | 1795.1 | 1782.6 | 1779.1 |
| 5° | 1904.3 | 1894.3 | 1879.3 | 1861.8 | 1843.7 | 1825.0 | 1812.5 | 1802.5 | 1777.4 | 1753.7 | 1740.0 |
| 7.5° | 1968.1 | 1946.5 | 1920.7 | 1887.6 | 1859.9 | 1829.0 | 1806.0 | 1785.3 | 1749.9 | 1715.9 | 1693.0 |
| 10° | 2015.5 | 1980.5 | 1946.1 | 1900.5 | 1864.9 | 1829.9 | 1797.5 | 1769.4 | 1729.3 | 1684.4 | 1652.5 |
| 12.5° | 2045.0 | 2006.5 | 1959.2 | 1914.6 | 1868.4 | 1824.0 | 1780.5 | 1744.3 | 1697.4 | 1650.9 | 1613.1 |
| 15° | 2084.9 | 2043.6 | 1986.2 | 1922.4 | 1863.0 | 1805.0 | 1755.0 | 1710.0 | 1648.8 | 1593.2 | 1546.9 |
| 17.5° | 2117.5 | 2060.8 | 1999.0 | 1925.3 | 1856.6 | 1782.7 | 1718.4 | 1660.9 | 1592.8 | 1525.7 | 1471.2 |
| 20° | 2127.9 | 2071.8 | 2000.5 | 1926.8 | 1845.6 | 1758.8 | 1689.4 | 1626.9 | 1553.8 | 1480.7 | 1418.2 |
| 22.5° | 2121.5 | 2077.7 | 1998.5 | 1910.3 | 1827.1 | 1736.3 | 1657.9 | 1585.4 | 1504.3 | 1429.7 | 1357.2 |
| 25° | 2077.4 | 2062.4 | 1987.4 | 1891.2 | 1796.2 | 1690.6 | 1600.0 | 1520.7 | 1428.2 | 1348.3 | 1269.5 |
| 27.5° | 1974.5 | 2006.9 | 1960.4 | 1857.9 | 1752.3 | 1639.2 | 1537.3 | 1447.0 | 1351.0 | 1261.0 | 1182.6 |
| 30° | 1875.6 | 1949.9 | 1929.9 | 1834.9 | 1716.9 | 1605.7 | 1491.3 | 1397.0 | 1294.5 | 1202.1 | 1124.6 |
| 32.5° | 1740.1 | 1863.0 | 1882.4 | 1803.0 | 1680.9 | 1558.7 | 1438.8 | 1345.0 | 1238.0 | 1140.6 | 1065.1 |
| 35° | 1524.4 | 1708.1 | 1792.4 | 1741.9 | 1619.4 | 1487.6 | 1363.8 | 1254.5 | 1147.0 | 1050.8 | 975.9 |
| 37.5° | 1267.1 | 1517.4 | 1657.9 | 1661.5 | 1549.1 | 1412.0 | 1277.2 | 1168.7 | 1058.7 | 964.3 | 883.2 |
| 40° | 1100.2 | 1371.3 | 1554.4 | 1595.1 | 1500.1 | 1352.0 | 1215.8 | 1105.2 | 997.8 | 905.3 | 812.2 |
| 42.5° | 950.3 | 1220.4 | 1445.4 | 1516.0 | 1440.6 | 1293.6 | 1156.8 | 1041.2 | 936.8 | 849.3 | 754.2 |
| 45° | 768.5 | 1004.6 | 1252.6 | 1378.8 | 1337.0 | 1200.8 | 1056.5 | 946.6 | 848.4 | 772.8 | 681.6 |
| 47.5° | 648.2 | 814.7 | 1054.8 | 1225.4 | 1224.7 | 1100.3 | 958.4 | 853.0 | 762.1 | 691.2 | 617.4 |
| 50° | 579.8 | 724.7 | 927.8 | 1121.4 | 1137.7 | 1033.4 | 898.4 | 794.1 | 709.1 | 634.8 | 575.4 |
| 52.5° | 518.3 | 637.7 | 820.4 | 1006.0 | 1052.2 | 961.9 | 831.0 | 734.6 | 652.2 | 583.8 | 533.0 |
| 55° | 438.0 | 530.4 | 669.1 | 842.8 | 912.8 | 849.1 | 732.9 | 642.9 | 576.0 | 518.5 | 474.8 |
| 57.5° | 370.5 | 439.9 | 551.1 | 691.0 | 772.5 | 732.4 | 636.5 | 563.5 | 506.2 | 454.2 | 419.7 |
| 60° | 328.0 | 384.8 | 479.2 | 596.1 | 686.0 | 657.9 | 576.0 | 507.9 | 459.2 | 414.3 | 381.7 |
| 62.5° | 288.0 | 336.9 | 417.8 | 512.6 | 595.0 | 583.4 | 516.6 | 459.4 | 416.7 | 375.8 | 348.2 |
| 65° | 231.8 | 267.4 | 330.5 | 404.9 | 471.1 | 476.7 | 428.6 | 389.9 | 351.7 | 319.3 | 294.9 |
| 67.5° | 184.6 | 207.8 | 252.3 | 314.9 | 364.5 | 382.2 | 352.9 | 323.3 | 293.0 | 267.9 | 246.8 |
| 70° | 155.6 | 174.3 | 206.8 | 257.4 | 303.0 | 321.7 | 304.9 | 281.8 | 255.5 | 234.9 | 216.8 |
| 72.5° | 126.0 | 144.3 | 168.3 | 205.5 | 244.5 | 264.8 | 258.9 | 242.3 | 221.0 | 203.9 | 186.8 |
| 75° | 95.0 | 100.6 | 116.8 | 141.9 | 172.4 | 190.0 | 194.3 | 185.6 | 168.7 | 155.6 | 145.5 |
| 77.5° | 70.2 | 73.6 | 81.4 | 94.5 | 114.5 | 130.0 | 136.5 | 135.4 | 123.8 | 116.2 | 106.8 |
| 80° | 56.3 | 58.1 | 61.9 | 67.5 | 82.5 | 98.1 | 102.5 | 102.5 | 94.3 | 91.2 | 81.9 |
| 82.5° | 42.7 | 44.1 | 46.4 | 49.5 | 56.5 | 70.1 | 75.0 | 76.0 | 70.8 | 66.7 | 59.4 |
| 85° | 24.4 | 23.7 | 25.0 | 26.9 | 28.1 | 31.9 | 39.4 | 40.6 | 39.4 | 34.3 | 32.4 |
| 87.5° | 12.3 | 12.4 | 12.0 | 11.0 | 10.9 | 10.8 | 12.8 | 14.8 | 13.3 | 12.4 | 11.9 |
| 90° | 19.1 | 17.0 | 14.9 | 12.5 | 9.7 | 6.8 | 4.0 | 1.1 | 4.0 | 6.8 | 9.7 |
| 92.5° | 24.9 | 23.8 | 22.7 | 22.4 | 22.7 | 22.9 | 23.2 | 23.4 | 23.2 | 22.9 | 22.7 |
| 95° | 41.6 | 39.8 | 38.0 | 41.3 | 49.9 | 58.4 | 66.9 | 75.3 | 66.9 | 58.4 | 49.9 |
| 97.5° | 52.2 | 48.0 | 43.9 | 53.7 | 77.7 | 101.7 | 125.6 | 149.6 | 125.6 | 101.7 | 77.7 |
| 100° | 57.3 | 52.9 | 48.6 | 64.0 | 99.3 | 134.6 | 169.9 | 205.2 | 169.9 | 134.6 | 99.3 |
| 102.5° | 141.2 | 177.9 | 214.5 | 236.6 | 244.0 | 251.5 | 259.0 | 266.4 | 259.0 | 251.5 | 244.0 |
| 105° | 211.4 | 281.8 | 352.1 | 383.4 | 375.7 | 367.9 | 360.2 | 352.5 | 360.2 | 367.9 | 375.7 |
| 107.5° | 267.7 | 352.1 | 436.5 | 475.6 | 469.3 | 463.1 | 456.8 | 450.6 | 456.8 | 463.1 | 469.3 |
| 110° | 351.9 | 426.3 | 500.8 | 535.3 | 529.9 | 524.5 | 519.1 | 513.7 | 519.1 | 524.5 | 529.9 |



TEST NUMBER: P331861-930

CATALOG NUMBER: S122RDIW-S1005D1440U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 548.6 | 567.0 | 585.4 | 592.2 | 587.4 | 582.6 | 577.8 | 573.1 | 577.8 | 582.6 | 587.4 |
| 115° | 702.5 | 696.1 | 689.7 | 684.3 | 679.9 | 675.5 | 671.2 | 666.8 | 671.2 | 675.5 | 679.9 |
| 117.5° | 783.6 | 779.1 | 774.7 | 770.1 | 765.2 | 760.3 | 755.4 | 750.5 | 755.4 | 760.3 | 765.2 |
| 120° | 840.7 | 836.0 | 831.4 | 827.1 | 823.3 | 819.4 | 815.5 | 811.7 | 815.5 | 819.4 | 823.3 |
| 122.5° | 894.5 | 889.5 | 884.5 | 880.0 | 875.9 | 871.8 | 867.7 | 863.6 | 867.7 | 871.8 | 875.9 |
| 125° | 970.0 | 965.2 | 960.3 | 956.1 | 952.8 | 949.4 | 946.1 | 942.7 | 946.1 | 949.4 | 952.8 |
| 127.5° | 1040.2 | 1036.6 | 1032.9 | 1029.2 | 1025.5 | 1021.8 | 1018.1 | 1014.4 | 1018.1 | 1021.8 | 1025.5 |
| 130° | 1085.5 | 1082.6 | 1079.8 | 1076.4 | 1072.2 | 1068.0 | 1064.0 | 1059.8 | 1064.0 | 1068.0 | 1072.2 |
| 132.5° | 1129.0 | 1126.3 | 1123.4 | 1120.2 | 1116.7 | 1113.2 | 1109.7 | 1106.2 | 1109.7 | 1113.2 | 1116.7 |
| 135° | 1190.8 | 1188.5 | 1186.2 | 1183.0 | 1178.8 | 1174.8 | 1170.6 | 1166.5 | 1170.6 | 1174.8 | 1178.8 |
| 137.5° | 1247.1 | 1244.4 | 1241.8 | 1239.0 | 1236.2 | 1233.3 | 1230.4 | 1227.5 | 1230.4 | 1233.3 | 1236.2 |
| 140° | 1283.8 | 1280.9 | 1278.1 | 1275.6 | 1273.6 | 1271.5 | 1269.4 | 1267.4 | 1269.4 | 1271.5 | 1273.6 |
| 142.5° | 1317.3 | 1314.0 | 1310.8 | 1308.2 | 1306.4 | 1304.5 | 1302.6 | 1300.8 | 1302.6 | 1304.5 | 1306.4 |
| 145° | 1363.0 | 1358.6 | 1354.2 | 1352.2 | 1352.4 | 1352.7 | 1352.9 | 1353.2 | 1352.9 | 1352.7 | 1352.4 |
| 147.5° | 1405.3 | 1400.9 | 1396.6 | 1395.0 | 1396.0 | 1396.9 | 1397.9 | 1398.9 | 1397.9 | 1396.9 | 1396.0 |
| 150° | 1430.8 | 1426.6 | 1422.5 | 1421.3 | 1423.2 | 1425.0 | 1426.8 | 1428.6 | 1426.8 | 1425.0 | 1423.2 |
| 152.5° | 1454.3 | 1450.4 | 1446.5 | 1445.6 | 1447.6 | 1449.6 | 1451.6 | 1453.6 | 1451.6 | 1449.6 | 1447.6 |
| 155° | 1487.4 | 1484.3 | 1481.2 | 1480.7 | 1483.0 | 1485.4 | 1487.7 | 1490.0 | 1487.7 | 1485.4 | 1483.0 |
| 157.5° | 1515.2 | 1513.0 | 1510.8 | 1510.7 | 1512.7 | 1514.7 | 1516.6 | 1518.6 | 1516.6 | 1514.7 | 1512.7 |
| 160° | 1532.2 | 1530.6 | 1529.1 | 1529.1 | 1530.6 | 1532.2 | 1533.7 | 1535.2 | 1533.7 | 1532.2 | 1530.6 |
| 162.5° | 1546.5 | 1545.2 | 1543.8 | 1543.9 | 1545.5 | 1547.0 | 1548.6 | 1550.0 | 1548.6 | 1547.0 | 1545.5 |
| 165° | 1565.0 | 1564.2 | 1563.5 | 1563.8 | 1565.4 | 1566.9 | 1568.5 | 1570.0 | 1568.5 | 1566.9 | 1565.4 |
| 167.5° | 1579.7 | 1579.0 | 1578.3 | 1578.7 | 1580.2 | 1581.8 | 1583.3 | 1584.9 | 1583.3 | 1581.8 | 1580.2 |
| 170° | 1587.6 | 1587.1 | 1586.5 | 1587.1 | 1588.6 | 1590.2 | 1591.7 | 1593.3 | 1591.7 | 1590.2 | 1588.6 |
| 172.5° | 1593.1 | 1592.6 | 1592.1 | 1592.6 | 1594.2 | 1595.7 | 1597.3 | 1598.8 | 1597.3 | 1595.7 | 1594.2 |
| 175° | 1599.1 | 1598.6 | 1598.1 | 1598.8 | 1600.6 | 1602.4 | 1604.2 | 1606.0 | 1604.2 | 1602.4 | 1600.6 |
| 177.5° | 1601.2 | 1600.9 | 1600.8 | 1601.3 | 1602.8 | 1604.3 | 1605.7 | 1607.1 | 1605.7 | 1604.3 | 1602.8 |
| 180° | 1602.5 | 1602.5 | 1602.5 | 1602.5 | 1602.5 | 1602.5 | 1602.5 | 1602.5 | 1602.5 | 1602.5 | 1602.5 |



TEST NUMBER: P331861-930

CATALOG NUMBER: S122RDIW-S1005D1440U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 |
| 2.5° | 1772.6 | 1769.1 | 1762.6 | 1752.6 | 1746.6 | 1736.1 | 1729.1 | 1733.1 | 1734.1 | 1733.1 | 1732.1 |
| 5° | 1725.0 | 1711.9 | 1693.8 | 1676.3 | 1660.0 | 1642.5 | 1632.6 | 1628.2 | 1619.4 | 1614.4 | 1611.9 |
| 7.5° | 1667.4 | 1644.8 | 1619.2 | 1588.7 | 1562.8 | 1535.7 | 1521.8 | 1514.9 | 1497.1 | 1487.4 | 1478.8 |
| 10° | 1624.4 | 1588.8 | 1563.2 | 1523.2 | 1498.8 | 1463.2 | 1438.8 | 1439.5 | 1415.1 | 1401.3 | 1391.4 |
| 12.5° | 1577.0 | 1537.8 | 1495.2 | 1459.2 | 1425.4 | 1396.8 | 1367.3 | 1355.5 | 1329.7 | 1316.4 | 1289.4 |
| 15° | 1498.2 | 1452.6 | 1407.6 | 1358.9 | 1324.5 | 1280.2 | 1237.7 | 1185.9 | 1143.9 | 1107.7 | 1097.7 |
| 17.5° | 1412.3 | 1355.8 | 1310.7 | 1253.4 | 1194.6 | 1120.0 | 1070.7 | 1040.6 | 1015.4 | 996.3 | 982.0 |
| 20° | 1353.2 | 1295.8 | 1247.7 | 1161.5 | 1082.1 | 1031.5 | 995.2 | 972.2 | 945.9 | 925.3 | 914.0 |
| 22.5° | 1291.3 | 1231.3 | 1165.7 | 1069.5 | 1007.6 | 967.0 | 934.7 | 908.2 | 890.4 | 874.3 | 864.1 |
| 25° | 1203.3 | 1137.7 | 1029.6 | 963.4 | 913.4 | 870.9 | 848.4 | 832.2 | 813.4 | 791.6 | 781.6 |
| 27.5° | 1110.4 | 1006.0 | 928.4 | 879.1 | 831.4 | 803.8 | 783.6 | 759.4 | 742.6 | 732.7 | 722.4 |
| 30° | 1040.9 | 936.5 | 876.0 | 822.2 | 788.5 | 757.8 | 734.1 | 720.4 | 704.1 | 687.2 | 680.4 |
| 32.5° | 963.4 | 880.0 | 822.0 | 777.2 | 743.0 | 716.9 | 698.1 | 675.9 | 664.1 | 653.8 | 639.4 |
| 35° | 867.2 | 804.0 | 751.0 | 714.8 | 682.2 | 661.0 | 639.1 | 626.0 | 604.8 | 596.1 | 590.4 |
| 37.5° | 785.7 | 731.0 | 691.4 | 653.1 | 627.4 | 603.9 | 590.5 | 569.6 | 560.4 | 548.3 | 536.5 |
| 40° | 739.7 | 686.0 | 647.9 | 616.6 | 587.9 | 570.4 | 553.5 | 536.7 | 522.9 | 517.3 | 503.0 |
| 42.5° | 692.8 | 649.0 | 610.9 | 576.7 | 557.4 | 538.9 | 517.6 | 505.2 | 491.0 | 481.8 | 473.0 |
| 45° | 627.9 | 589.1 | 556.7 | 528.6 | 507.3 | 488.0 | 474.2 | 453.6 | 445.5 | 427.4 | 419.9 |
| 47.5° | 571.0 | 534.9 | 503.9 | 477.2 | 456.5 | 443.8 | 423.7 | 407.6 | 394.6 | 383.5 | 373.9 |
| 50° | 530.4 | 500.4 | 470.4 | 446.7 | 428.0 | 409.9 | 389.2 | 381.1 | 361.1 | 355.5 | 349.8 |
| 52.5° | 493.4 | 465.0 | 437.5 | 414.3 | 395.5 | 377.9 | 359.7 | 349.1 | 335.7 | 330.0 | 325.9 |
| 55° | 441.7 | 414.3 | 388.0 | 367.4 | 348.6 | 330.5 | 319.3 | 306.1 | 299.9 | 295.5 | 290.5 |
| 57.5° | 389.7 | 365.0 | 344.9 | 324.0 | 305.2 | 290.7 | 277.8 | 269.9 | 263.4 | 257.6 | 251.7 |
| 60° | 356.8 | 333.0 | 314.9 | 295.5 | 276.1 | 264.2 | 254.3 | 244.9 | 237.4 | 228.7 | 226.2 |
| 62.5° | 321.7 | 301.0 | 284.4 | 265.5 | 248.7 | 237.8 | 228.3 | 219.4 | 210.4 | 197.7 | 194.2 |
| 65° | 273.6 | 257.4 | 239.9 | 224.3 | 209.3 | 198.7 | 184.9 | 175.0 | 171.2 | 169.9 | 169.3 |
| 67.5° | 230.2 | 214.8 | 199.8 | 183.8 | 170.2 | 160.3 | 153.4 | 151.8 | 149.2 | 148.5 | 146.7 |
| 70° | 201.2 | 186.8 | 171.8 | 156.8 | 143.7 | 141.9 | 139.3 | 136.8 | 133.7 | 132.5 | 131.2 |
| 72.5° | 175.2 | 160.3 | 145.3 | 133.3 | 127.7 | 125.3 | 122.9 | 120.3 | 118.2 | 117.0 | 116.2 |
| 75° | 134.4 | 120.6 | 110.6 | 106.2 | 103.1 | 101.2 | 97.4 | 95.6 | 94.3 | 92.5 | 91.8 |
| 77.5° | 96.7 | 88.9 | 84.4 | 81.6 | 78.4 | 76.3 | 74.2 | 72.3 | 71.0 | 70.6 | 69.6 |
| 80° | 73.7 | 70.0 | 66.9 | 63.1 | 61.9 | 59.4 | 58.7 | 56.8 | 57.5 | 55.6 | 55.6 |
| 82.5° | 57.2 | 52.5 | 49.9 | 48.1 | 46.9 | 44.8 | 44.3 | 43.4 | 43.5 | 42.1 | 42.1 |
| 85° | 29.4 | 28.1 | 26.9 | 25.6 | 25.6 | 23.7 | 24.4 | 23.7 | 23.7 | 22.5 | 21.9 |
| 87.5° | 12.0 | 12.0 | 11.4 | 11.8 | 12.2 | 12.1 | 12.4 | 12.1 | 12.4 | 12.6 | 12.3 |
| 90° | 12.5 | 14.9 | 17.0 | 19.1 | 21.1 | 23.2 | 24.5 | 25.8 | 27.1 | 28.4 | 29.3 |
| 92.5° | 22.4 | 22.7 | 23.8 | 24.9 | 25.8 | 26.9 | 27.6 | 28.2 | 28.9 | 29.6 | 30.1 |
| 95° | 41.3 | 38.0 | 39.8 | 41.6 | 43.5 | 45.2 | 46.5 | 47.8 | 49.1 | 50.4 | 50.9 |
| 97.5° | 53.7 | 43.9 | 48.0 | 52.2 | 56.3 | 60.5 | 61.6 | 62.6 | 63.6 | 64.7 | 65.3 |
| 100° | 64.0 | 48.6 | 52.9 | 57.3 | 61.7 | 66.1 | 68.2 | 70.2 | 72.3 | 74.4 | 75.7 |
| 102.5° | 236.6 | 214.5 | 177.9 | 141.2 | 104.6 | 67.9 | 70.6 | 73.3 | 76.0 | 78.7 | 80.4 |
| 105° | 383.4 | 352.1 | 281.8 | 211.4 | 141.0 | 70.8 | 73.5 | 76.4 | 79.2 | 82.1 | 84.0 |
| 107.5° | 475.6 | 436.5 | 352.1 | 267.7 | 183.4 | 99.1 | 96.1 | 93.3 | 90.3 | 87.5 | 86.6 |
| 110° | 535.3 | 500.8 | 426.3 | 351.9 | 277.4 | 202.9 | 177.2 | 151.4 | 125.6 | 99.9 | 87.5 |



TEST NUMBER: P331861-930

CATALOG NUMBER: S122RDIW-S1005D1440U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 592.2 | 585.4 | 567.0 | 548.6 | 530.2 | 511.8 | 417.8 | 323.8 | 229.8 | 135.8 | 89.2 |
| 115° | 684.3 | 689.7 | 696.1 | 702.5 | 709.0 | 715.4 | 596.1 | 476.9 | 357.5 | 238.2 | 169.3 |
| 117.5° | 770.1 | 774.7 | 779.1 | 783.6 | 788.0 | 792.5 | 763.6 | 734.7 | 705.9 | 677.0 | 632.1 |
| 120° | 827.1 | 831.4 | 836.0 | 840.7 | 845.3 | 849.9 | 853.0 | 856.1 | 859.2 | 862.3 | 846.4 |
| 122.5° | 880.0 | 884.5 | 889.5 | 894.5 | 899.6 | 904.7 | 906.5 | 908.4 | 910.3 | 912.1 | 909.6 |
| 125° | 956.1 | 960.3 | 965.2 | 970.0 | 974.9 | 979.8 | 981.6 | 983.4 | 985.2 | 987.0 | 988.3 |
| 127.5° | 1029.2 | 1032.9 | 1036.6 | 1040.2 | 1043.9 | 1047.6 | 1050.2 | 1052.8 | 1055.4 | 1058.0 | 1059.5 |
| 130° | 1076.4 | 1079.8 | 1082.6 | 1085.5 | 1088.3 | 1091.1 | 1094.0 | 1096.8 | 1099.7 | 1102.4 | 1103.8 |
| 132.5° | 1120.2 | 1123.4 | 1126.3 | 1129.0 | 1131.9 | 1134.7 | 1137.2 | 1139.5 | 1142.0 | 1144.4 | 1145.5 |
| 135° | 1183.0 | 1186.2 | 1188.5 | 1190.8 | 1193.2 | 1195.5 | 1198.1 | 1200.6 | 1203.2 | 1205.8 | 1206.8 |
| 137.5° | 1239.0 | 1241.8 | 1244.4 | 1247.1 | 1249.7 | 1252.3 | 1254.8 | 1257.4 | 1259.9 | 1262.4 | 1263.2 |
| 140° | 1275.6 | 1278.1 | 1280.9 | 1283.8 | 1286.6 | 1289.4 | 1291.8 | 1294.0 | 1296.4 | 1298.7 | 1299.2 |
| 142.5° | 1308.2 | 1310.8 | 1314.0 | 1317.3 | 1320.5 | 1323.7 | 1325.8 | 1328.0 | 1330.1 | 1332.2 | 1332.6 |
| 145° | 1352.2 | 1354.2 | 1358.6 | 1363.0 | 1367.3 | 1371.7 | 1373.5 | 1375.3 | 1377.1 | 1379.0 | 1379.2 |
| 147.5° | 1395.0 | 1396.6 | 1400.9 | 1405.3 | 1409.7 | 1414.0 | 1415.3 | 1416.7 | 1418.0 | 1419.4 | 1419.4 |
| 150° | 1421.3 | 1422.5 | 1426.6 | 1430.8 | 1434.8 | 1439.0 | 1440.6 | 1442.1 | 1443.7 | 1445.2 | 1445.3 |
| 152.5° | 1445.6 | 1446.5 | 1450.4 | 1454.3 | 1458.2 | 1462.2 | 1463.7 | 1465.3 | 1466.8 | 1468.4 | 1468.3 |
| 155° | 1480.7 | 1481.2 | 1484.3 | 1487.4 | 1490.4 | 1493.5 | 1495.0 | 1496.6 | 1498.1 | 1499.7 | 1499.4 |
| 157.5° | 1510.7 | 1510.8 | 1513.0 | 1515.2 | 1517.3 | 1519.5 | 1521.3 | 1523.0 | 1524.7 | 1526.5 | 1526.3 |
| 160° | 1529.1 | 1529.1 | 1530.6 | 1532.2 | 1533.7 | 1535.2 | 1536.8 | 1538.3 | 1539.9 | 1541.4 | 1541.3 |
| 162.5° | 1543.9 | 1543.8 | 1545.2 | 1546.5 | 1547.8 | 1549.2 | 1550.9 | 1552.7 | 1554.4 | 1556.2 | 1555.9 |
| 165° | 1563.8 | 1563.5 | 1564.2 | 1565.0 | 1565.8 | 1566.5 | 1568.4 | 1570.2 | 1572.0 | 1573.8 | 1573.8 |
| 167.5° | 1578.7 | 1578.3 | 1579.0 | 1579.7 | 1580.5 | 1581.2 | 1583.0 | 1584.8 | 1586.6 | 1588.4 | 1588.1 |
| 170° | 1587.1 | 1586.5 | 1587.1 | 1587.6 | 1588.0 | 1588.6 | 1590.4 | 1592.2 | 1594.0 | 1595.8 | 1595.5 |
| 172.5° | 1592.6 | 1592.1 | 1592.6 | 1593.1 | 1593.7 | 1594.2 | 1595.9 | 1597.7 | 1599.5 | 1601.3 | 1601.1 |
| 175° | 1598.8 | 1598.1 | 1598.6 | 1599.1 | 1599.7 | 1600.2 | 1602.0 | 1603.8 | 1605.6 | 1607.4 | 1607.0 |
| 177.5° | 1601.3 | 1600.8 | 1600.9 | 1601.2 | 1601.3 | 1601.6 | 1603.0 | 1604.4 | 1605.9 | 1607.4 | 1607.1 |
| 180° | 1602.5 | 1602.5 | 1602.5 | 1602.5 | 1602.5 | 1602.5 | 1602.5 | 1602.5 | 1602.5 | 1602.5 | 1602.5 |



TEST NUMBER: P331861-930

CATALOG NUMBER: S122RDIW-S1005D1440U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 |
| 2.5° | 1726.6 | 1727.6 | 1726.2 | 1727.1 | 1726.2 | 1727.6 | 1726.6 | 1732.1 | 1733.1 | 1734.1 | 1733.1 |
| 5° | 1608.7 | 1601.2 | 1600.0 | 1598.1 | 1600.0 | 1601.2 | 1608.7 | 1611.9 | 1614.4 | 1619.4 | 1628.2 |
| 7.5° | 1468.1 | 1467.0 | 1463.9 | 1459.5 | 1463.9 | 1467.0 | 1468.1 | 1478.8 | 1487.4 | 1497.1 | 1514.9 |
| 10° | 1377.6 | 1374.5 | 1373.9 | 1369.5 | 1373.9 | 1374.5 | 1377.6 | 1391.4 | 1401.3 | 1415.1 | 1439.5 |
| 12.5° | 1271.6 | 1251.6 | 1249.4 | 1238.5 | 1249.4 | 1251.6 | 1271.6 | 1289.4 | 1316.4 | 1329.7 | 1355.5 |
| 15° | 1082.7 | 1079.0 | 1066.5 | 1058.3 | 1066.5 | 1079.0 | 1082.7 | 1097.7 | 1107.7 | 1143.9 | 1185.9 |
| 17.5° | 974.8 | 962.5 | 958.6 | 956.9 | 958.6 | 962.5 | 974.8 | 982.0 | 996.3 | 1015.4 | 1040.6 |
| 20° | 905.3 | 894.1 | 892.2 | 891.0 | 892.2 | 894.1 | 905.3 | 914.0 | 925.3 | 945.9 | 972.2 |
| 22.5° | 857.3 | 845.5 | 840.7 | 836.9 | 840.7 | 845.5 | 857.3 | 864.1 | 874.3 | 890.4 | 908.2 |
| 25° | 775.3 | 770.9 | 768.5 | 767.2 | 768.5 | 770.9 | 775.3 | 781.6 | 791.6 | 813.4 | 832.2 |
| 27.5° | 711.3 | 701.6 | 699.8 | 696.5 | 699.8 | 701.6 | 711.3 | 722.4 | 732.7 | 742.6 | 759.4 |
| 30° | 674.7 | 671.6 | 667.2 | 663.5 | 667.2 | 671.6 | 674.7 | 680.4 | 687.2 | 704.1 | 720.4 |
| 32.5° | 631.8 | 629.2 | 625.3 | 623.5 | 625.3 | 629.2 | 631.8 | 639.4 | 653.8 | 664.1 | 675.9 |
| 35° | 584.2 | 575.4 | 571.7 | 566.1 | 571.7 | 575.4 | 584.2 | 590.4 | 596.1 | 604.8 | 626.0 |
| 37.5° | 533.8 | 529.2 | 523.9 | 525.8 | 523.9 | 529.2 | 533.8 | 536.5 | 548.3 | 560.4 | 569.6 |
| 40° | 494.8 | 491.7 | 490.5 | 489.8 | 490.5 | 491.7 | 494.8 | 503.0 | 517.3 | 522.9 | 536.7 |
| 42.5° | 463.8 | 455.2 | 451.9 | 451.8 | 451.9 | 455.2 | 463.8 | 473.0 | 481.8 | 491.0 | 505.2 |
| 45° | 416.7 | 408.6 | 403.0 | 403.6 | 403.0 | 408.6 | 416.7 | 419.9 | 427.4 | 445.5 | 453.6 |
| 47.5° | 368.5 | 368.3 | 364.8 | 365.8 | 364.8 | 368.3 | 368.5 | 373.9 | 383.5 | 394.6 | 407.6 |
| 50° | 345.5 | 341.8 | 339.2 | 339.9 | 339.2 | 341.8 | 345.5 | 349.8 | 355.5 | 361.1 | 381.1 |
| 52.5° | 323.5 | 320.2 | 318.3 | 320.9 | 318.3 | 320.2 | 323.5 | 325.9 | 330.0 | 335.7 | 349.1 |
| 55° | 287.4 | 283.6 | 283.0 | 282.4 | 283.0 | 283.6 | 287.4 | 290.5 | 295.5 | 299.9 | 306.1 |
| 57.5° | 247.0 | 244.5 | 240.8 | 239.1 | 240.8 | 244.5 | 247.0 | 251.7 | 257.6 | 263.4 | 269.9 |
| 60° | 218.0 | 213.0 | 206.8 | 206.2 | 206.8 | 213.0 | 218.0 | 226.2 | 228.7 | 237.4 | 244.9 |
| 62.5° | 191.5 | 190.5 | 189.3 | 189.1 | 189.3 | 190.5 | 191.5 | 194.2 | 197.7 | 210.4 | 219.4 |
| 65° | 168.0 | 167.5 | 168.0 | 168.7 | 168.0 | 167.5 | 168.0 | 169.3 | 169.9 | 171.2 | 175.0 |
| 67.5° | 146.4 | 145.3 | 144.2 | 144.7 | 144.2 | 145.3 | 146.4 | 146.7 | 148.5 | 149.2 | 151.8 |
| 70° | 130.0 | 129.3 | 128.7 | 128.7 | 128.7 | 129.3 | 130.0 | 131.2 | 132.5 | 133.7 | 136.8 |
| 72.5° | 114.0 | 113.8 | 113.2 | 112.7 | 113.2 | 113.8 | 114.0 | 116.2 | 117.0 | 118.2 | 120.3 |
| 75° | 91.2 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 91.2 | 91.8 | 92.5 | 94.3 | 95.6 |
| 77.5° | 69.5 | 68.8 | 68.2 | 67.8 | 68.2 | 68.8 | 69.5 | 69.6 | 70.6 | 71.0 | 72.3 |
| 80° | 55.0 | 54.4 | 53.7 | 53.7 | 53.7 | 54.4 | 55.0 | 55.6 | 55.6 | 57.5 | 56.8 |
| 82.5° | 42.0 | 41.3 | 41.3 | 40.8 | 41.3 | 41.3 | 42.0 | 42.1 | 42.1 | 43.5 | 43.4 |
| 85° | 22.5 | 23.2 | 22.5 | 23.7 | 22.5 | 23.2 | 22.5 | 21.9 | 22.5 | 23.7 | 23.7 |
| 87.5° | 12.5 | 12.1 | 12.6 | 12.2 | 12.6 | 12.1 | 12.5 | 12.3 | 12.6 | 12.4 | 12.1 |
| 90° | 29.8 | 30.2 | 30.8 | 31.3 | 30.8 | 30.2 | 29.8 | 29.3 | 28.4 | 27.1 | 25.8 |
| 92.5° | 30.4 | 30.7 | 31.0 | 31.3 | 31.0 | 30.7 | 30.4 | 30.1 | 29.6 | 28.9 | 28.2 |
| 95° | 50.6 | 50.4 | 50.1 | 49.9 | 50.1 | 50.4 | 50.6 | 50.9 | 50.4 | 49.1 | 47.8 |
| 97.5° | 65.6 | 66.0 | 66.3 | 66.5 | 66.3 | 66.0 | 65.6 | 65.3 | 64.7 | 63.6 | 62.6 |
| 100° | 76.1 | 76.6 | 77.2 | 77.7 | 77.2 | 76.6 | 76.1 | 75.7 | 74.4 | 72.3 | 70.2 |
| 102.5° | 81.1 | 81.8 | 82.5 | 83.2 | 82.5 | 81.8 | 81.1 | 80.4 | 78.7 | 76.0 | 73.3 |
| 105° | 85.0 | 86.1 | 87.1 | 88.1 | 87.1 | 86.1 | 85.0 | 84.0 | 82.1 | 79.2 | 76.4 |
| 107.5° | 87.6 | 88.6 | 89.7 | 90.7 | 89.7 | 88.6 | 87.6 | 86.6 | 87.5 | 90.3 | 93.3 |
| 110° | 88.5 | 89.5 | 90.6 | 91.6 | 90.6 | 89.5 | 88.5 | 87.5 | 99.9 | 125.6 | 151.4 |



TEST NUMBER: P331861-930

CATALOG NUMBER: S122RDIW-S1005D1440U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 90.1 | 90.9 | 91.7 | 92.5 | 91.7 | 90.9 | 90.1 | 89.2 | 135.8 | 229.8 | 323.8 |
| 115° | 150.7 | 132.2 | 113.7 | 95.1 | 113.7 | 132.2 | 150.7 | 169.3 | 238.2 | 357.5 | 476.9 |
| 117.5° | 571.1 | 510.1 | 449.1 | 388.2 | 449.1 | 510.1 | 571.1 | 632.1 | 677.0 | 705.9 | 734.7 |
| 120° | 811.7 | 776.9 | 742.1 | 707.4 | 742.1 | 776.9 | 811.7 | 846.4 | 862.3 | 859.2 | 856.1 |
| 122.5° | 902.9 | 896.2 | 889.4 | 882.6 | 889.4 | 896.2 | 902.9 | 909.6 | 912.1 | 910.3 | 908.4 |
| 125° | 989.1 | 989.9 | 990.7 | 991.4 | 990.7 | 989.9 | 989.1 | 988.3 | 987.0 | 985.2 | 983.4 |
| 127.5° | 1059.6 | 1059.7 | 1059.9 | 1060.1 | 1059.9 | 1059.7 | 1059.6 | 1059.5 | 1058.0 | 1055.4 | 1052.8 |
| 130° | 1103.5 | 1103.3 | 1103.0 | 1102.7 | 1103.0 | 1103.3 | 1103.5 | 1103.8 | 1102.4 | 1099.7 | 1096.8 |
| 132.5° | 1145.3 | 1145.0 | 1144.8 | 1144.4 | 1144.8 | 1145.0 | 1145.3 | 1145.5 | 1144.4 | 1142.0 | 1139.5 |
| 135° | 1206.3 | 1205.8 | 1205.3 | 1204.8 | 1205.3 | 1205.8 | 1206.3 | 1206.8 | 1205.8 | 1203.2 | 1200.6 |
| 137.5° | 1262.3 | 1261.5 | 1260.6 | 1259.7 | 1260.6 | 1261.5 | 1262.3 | 1263.2 | 1262.4 | 1259.9 | 1257.4 |
| 140° | 1298.0 | 1296.7 | 1295.3 | 1294.0 | 1295.3 | 1296.7 | 1298.0 | 1299.2 | 1298.7 | 1296.4 | 1294.0 |
| 142.5° | 1331.3 | 1330.0 | 1328.8 | 1327.5 | 1328.8 | 1330.0 | 1331.3 | 1332.6 | 1332.2 | 1330.1 | 1328.0 |
| 145° | 1377.9 | 1376.6 | 1375.3 | 1374.1 | 1375.3 | 1376.6 | 1377.9 | 1379.2 | 1379.0 | 1377.1 | 1375.3 |
| 147.5° | 1418.4 | 1417.3 | 1416.2 | 1415.1 | 1416.2 | 1417.3 | 1418.4 | 1419.4 | 1419.4 | 1418.0 | 1416.7 |
| 150° | 1444.1 | 1442.8 | 1441.4 | 1440.1 | 1441.4 | 1442.8 | 1444.1 | 1445.3 | 1445.2 | 1443.7 | 1442.1 |
| 152.5° | 1466.6 | 1464.9 | 1463.2 | 1461.5 | 1463.2 | 1464.9 | 1466.6 | 1468.3 | 1468.4 | 1466.8 | 1465.3 |
| 155° | 1497.4 | 1495.3 | 1493.2 | 1491.2 | 1493.2 | 1495.3 | 1497.4 | 1499.4 | 1499.7 | 1498.1 | 1496.6 |
| 157.5° | 1524.4 | 1522.3 | 1520.3 | 1518.3 | 1520.3 | 1522.3 | 1524.4 | 1526.3 | 1526.5 | 1524.7 | 1523.0 |
| 160° | 1539.5 | 1537.7 | 1535.9 | 1534.1 | 1535.9 | 1537.7 | 1539.5 | 1541.3 | 1541.4 | 1539.9 | 1538.3 |
| 162.5° | 1553.7 | 1551.5 | 1549.3 | 1547.1 | 1549.3 | 1551.5 | 1553.7 | 1555.9 | 1556.2 | 1554.4 | 1552.7 |
| 165° | 1572.0 | 1570.2 | 1568.4 | 1566.5 | 1568.4 | 1570.2 | 1572.0 | 1573.8 | 1573.8 | 1572.0 | 1570.2 |
| 167.5° | 1585.8 | 1583.5 | 1581.2 | 1578.8 | 1581.2 | 1583.5 | 1585.8 | 1588.1 | 1588.4 | 1586.6 | 1584.8 |
| 170° | 1593.3 | 1590.9 | 1588.6 | 1586.2 | 1588.6 | 1590.9 | 1593.3 | 1595.5 | 1595.8 | 1594.0 | 1592.2 |
| 172.5° | 1598.8 | 1596.4 | 1594.2 | 1591.8 | 1594.2 | 1596.4 | 1598.8 | 1601.1 | 1601.3 | 1599.5 | 1597.7 |
| 175° | 1604.4 | 1601.8 | 1599.3 | 1596.7 | 1599.3 | 1601.8 | 1604.4 | 1607.0 | 1607.4 | 1605.6 | 1603.8 |
| 177.5° | 1605.2 | 1603.4 | 1601.6 | 1599.7 | 1601.6 | 1603.4 | 1605.2 | 1607.1 | 1607.4 | 1605.9 | 1604.4 |
| 180° | 1602.5 | 1602.5 | 1602.5 | 1602.5 | 1602.5 | 1602.5 | 1602.5 | 1602.5 | 1602.5 | 1602.5 | 1602.5 |



TEST NUMBER: P331861-930

CATALOG NUMBER: S122RDIW-S1005D1440U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 |
| 2.5° | 1729.1 | 1736.1 | 1746.6 | 1752.6 | 1762.6 | 1769.1 | 1772.6 | 1779.1 | 1782.6 | 1795.1 | 1808.1 |
| 5° | 1632.6 | 1642.5 | 1660.0 | 1676.3 | 1693.8 | 1711.9 | 1725.0 | 1740.0 | 1753.7 | 1777.4 | 1802.5 |
| 7.5° | 1521.8 | 1535.7 | 1562.8 | 1588.7 | 1619.2 | 1644.8 | 1667.4 | 1693.0 | 1715.9 | 1749.9 | 1785.3 |
| 10° | 1438.8 | 1463.2 | 1498.8 | 1523.2 | 1563.2 | 1588.8 | 1624.4 | 1652.5 | 1684.4 | 1729.3 | 1769.4 |
| 12.5° | 1367.3 | 1396.8 | 1425.4 | 1459.2 | 1495.2 | 1537.8 | 1577.0 | 1613.1 | 1650.9 | 1697.4 | 1744.3 |
| 15° | 1237.7 | 1280.2 | 1324.5 | 1358.9 | 1407.6 | 1452.6 | 1498.2 | 1546.9 | 1593.2 | 1648.8 | 1710.0 |
| 17.5° | 1070.7 | 1120.0 | 1194.6 | 1253.4 | 1310.7 | 1355.8 | 1412.3 | 1471.2 | 1525.7 | 1592.8 | 1660.9 |
| 20° | 995.2 | 1031.5 | 1082.1 | 1161.5 | 1247.7 | 1295.8 | 1353.2 | 1418.2 | 1480.7 | 1553.8 | 1626.9 |
| 22.5° | 934.7 | 967.0 | 1007.6 | 1069.5 | 1165.7 | 1231.3 | 1291.3 | 1357.2 | 1429.7 | 1504.3 | 1585.4 |
| 25° | 848.4 | 870.9 | 913.4 | 963.4 | 1029.6 | 1137.7 | 1203.3 | 1269.5 | 1348.3 | 1428.2 | 1520.7 |
| 27.5° | 783.6 | 803.8 | 831.4 | 879.1 | 928.4 | 1006.0 | 1110.4 | 1182.6 | 1261.0 | 1351.0 | 1447.0 |
| 30° | 734.1 | 757.8 | 788.5 | 822.2 | 876.0 | 936.5 | 1040.9 | 1124.6 | 1202.1 | 1294.5 | 1397.0 |
| 32.5° | 698.1 | 716.9 | 743.0 | 777.2 | 822.0 | 880.0 | 963.4 | 1065.1 | 1140.6 | 1238.0 | 1345.0 |
| 35° | 639.1 | 661.0 | 682.2 | 714.8 | 751.0 | 804.0 | 867.2 | 975.9 | 1050.8 | 1147.0 | 1254.5 |
| 37.5° | 590.5 | 603.9 | 627.4 | 653.1 | 691.4 | 731.0 | 785.7 | 883.2 | 964.3 | 1058.7 | 1168.7 |
| 40° | 553.5 | 570.4 | 587.9 | 616.6 | 647.9 | 686.0 | 739.7 | 812.2 | 905.3 | 997.8 | 1105.2 |
| 42.5° | 517.6 | 538.9 | 557.4 | 576.7 | 610.9 | 649.0 | 692.8 | 754.2 | 849.3 | 936.8 | 1041.2 |
| 45° | 474.2 | 488.0 | 507.3 | 528.6 | 556.7 | 589.1 | 627.9 | 681.6 | 772.8 | 848.4 | 946.6 |
| 47.5° | 423.7 | 443.8 | 456.5 | 477.2 | 503.9 | 534.9 | 571.0 | 617.4 | 691.2 | 762.1 | 853.0 |
| 50° | 389.2 | 409.9 | 428.0 | 446.7 | 470.4 | 500.4 | 530.4 | 575.4 | 634.8 | 709.1 | 794.1 |
| 52.5° | 359.7 | 377.9 | 395.5 | 414.3 | 437.5 | 465.0 | 493.4 | 533.0 | 583.8 | 652.2 | 734.6 |
| 55° | 319.3 | 330.5 | 348.6 | 367.4 | 388.0 | 414.3 | 441.7 | 474.8 | 518.5 | 576.0 | 642.9 |
| 57.5° | 277.8 | 290.7 | 305.2 | 324.0 | 344.9 | 365.0 | 389.7 | 419.7 | 454.2 | 506.2 | 563.5 |
| 60° | 254.3 | 264.2 | 276.1 | 295.5 | 314.9 | 333.0 | 356.8 | 381.7 | 414.3 | 459.2 | 507.9 |
| 62.5° | 228.3 | 237.8 | 248.7 | 265.5 | 284.4 | 301.0 | 321.7 | 348.2 | 375.8 | 416.7 | 459.4 |
| 65° | 184.9 | 198.7 | 209.3 | 224.3 | 239.9 | 257.4 | 273.6 | 294.9 | 319.3 | 351.7 | 389.9 |
| 67.5° | 153.4 | 160.3 | 170.2 | 183.8 | 199.8 | 214.8 | 230.2 | 246.8 | 267.9 | 293.0 | 323.3 |
| 70° | 139.3 | 141.9 | 143.7 | 156.8 | 171.8 | 186.8 | 201.2 | 216.8 | 234.9 | 255.5 | 281.8 |
| 72.5° | 122.9 | 125.3 | 127.7 | 133.3 | 145.3 | 160.3 | 175.2 | 186.8 | 203.9 | 221.0 | 242.3 |
| 75° | 97.4 | 101.2 | 103.1 | 106.2 | 110.6 | 120.6 | 134.4 | 145.5 | 155.6 | 168.7 | 185.6 |
| 77.5° | 74.2 | 76.3 | 78.4 | 81.6 | 84.4 | 88.9 | 96.7 | 106.8 | 116.2 | 123.8 | 135.4 |
| 80° | 58.7 | 59.4 | 61.9 | 63.1 | 66.9 | 70.0 | 73.7 | 81.9 | 91.2 | 94.3 | 102.5 |
| 82.5° | 44.3 | 44.8 | 46.9 | 48.1 | 49.9 | 52.5 | 57.2 | 59.4 | 66.7 | 70.8 | 76.0 |
| 85° | 24.4 | 23.7 | 25.6 | 25.6 | 26.9 | 28.1 | 29.4 | 32.4 | 34.3 | 39.4 | 40.6 |
| 87.5° | 12.4 | 12.1 | 12.2 | 11.8 | 11.4 | 12.0 | 12.0 | 11.9 | 12.4 | 13.3 | 14.8 |
| 90° | 24.5 | 23.2 | 21.1 | 19.1 | 17.0 | 14.9 | 12.5 | 9.7 | 6.8 | 4.0 | 1.1 |
| 92.5° | 27.6 | 26.9 | 25.8 | 24.9 | 23.8 | 22.7 | 22.4 | 22.7 | 22.9 | 23.2 | 23.4 |
| 95° | 46.5 | 45.2 | 43.5 | 41.6 | 39.8 | 38.0 | 41.3 | 49.9 | 58.4 | 66.9 | 75.3 |
| 97.5° | 61.6 | 60.5 | 56.3 | 52.2 | 48.0 | 43.9 | 53.7 | 77.7 | 101.7 | 125.6 | 149.6 |
| 100° | 68.2 | 66.1 | 61.7 | 57.3 | 52.9 | 48.6 | 64.0 | 99.3 | 134.6 | 169.9 | 205.2 |
| 102.5° | 70.6 | 67.9 | 104.6 | 141.2 | 177.9 | 214.5 | 236.6 | 244.0 | 251.5 | 259.0 | 266.4 |
| 105° | 73.5 | 70.8 | 141.0 | 211.4 | 281.8 | 352.1 | 383.4 | 375.7 | 367.9 | 360.2 | 352.5 |
| 107.5° | 96.1 | 99.1 | 183.4 | 267.7 | 352.1 | 436.5 | 475.6 | 469.3 | 463.1 | 456.8 | 450.6 |
| 110° | 177.2 | 202.9 | 277.4 | 351.9 | 426.3 | 500.8 | 535.3 | 529.9 | 524.5 | 519.1 | 513.7 |



TEST NUMBER: P331861-930

CATALOG NUMBER: S122RDIW-S1005D1440U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 417.8 | 511.8 | 530.2 | 548.6 | 567.0 | 585.4 | 592.2 | 587.4 | 582.6 | 577.8 | 573.1 |
| 115° | 596.1 | 715.4 | 709.0 | 702.5 | 696.1 | 689.7 | 684.3 | 679.9 | 675.5 | 671.2 | 666.8 |
| 117.5° | 763.6 | 792.5 | 788.0 | 783.6 | 779.1 | 774.7 | 770.1 | 765.2 | 760.3 | 755.4 | 750.5 |
| 120° | 853.0 | 849.9 | 845.3 | 840.7 | 836.0 | 831.4 | 827.1 | 823.3 | 819.4 | 815.5 | 811.7 |
| 122.5° | 906.5 | 904.7 | 899.6 | 894.5 | 889.5 | 884.5 | 880.0 | 875.9 | 871.8 | 867.7 | 863.6 |
| 125° | 981.6 | 979.8 | 974.9 | 970.0 | 965.2 | 960.3 | 956.1 | 952.8 | 949.4 | 946.1 | 942.7 |
| 127.5° | 1050.2 | 1047.6 | 1043.9 | 1040.2 | 1036.6 | 1032.9 | 1029.2 | 1025.5 | 1021.8 | 1018.1 | 1014.4 |
| 130° | 1094.0 | 1091.1 | 1088.3 | 1085.5 | 1082.6 | 1079.8 | 1076.4 | 1072.2 | 1068.0 | 1064.0 | 1059.8 |
| 132.5° | 1137.2 | 1134.7 | 1131.9 | 1129.0 | 1126.3 | 1123.4 | 1120.2 | 1116.7 | 1113.2 | 1109.7 | 1106.2 |
| 135° | 1198.1 | 1195.5 | 1193.2 | 1190.8 | 1188.5 | 1186.2 | 1183.0 | 1178.8 | 1174.8 | 1170.6 | 1166.5 |
| 137.5° | 1254.8 | 1252.3 | 1249.7 | 1247.1 | 1244.4 | 1241.8 | 1239.0 | 1236.2 | 1233.3 | 1230.4 | 1227.5 |
| 140° | 1291.8 | 1289.4 | 1286.6 | 1283.8 | 1280.9 | 1278.1 | 1275.6 | 1273.6 | 1271.5 | 1269.4 | 1267.4 |
| 142.5° | 1325.8 | 1323.7 | 1320.5 | 1317.3 | 1314.0 | 1310.8 | 1308.2 | 1306.4 | 1304.5 | 1302.6 | 1300.8 |
| 145° | 1373.5 | 1371.7 | 1367.3 | 1363.0 | 1358.6 | 1354.2 | 1352.2 | 1352.4 | 1352.7 | 1352.9 | 1353.2 |
| 147.5° | 1415.3 | 1414.0 | 1409.7 | 1405.3 | 1400.9 | 1396.6 | 1395.0 | 1396.0 | 1396.9 | 1397.9 | 1398.9 |
| 150° | 1440.6 | 1439.0 | 1434.8 | 1430.8 | 1426.6 | 1422.5 | 1421.3 | 1423.2 | 1425.0 | 1426.8 | 1428.6 |
| 152.5° | 1463.7 | 1462.2 | 1458.2 | 1454.3 | 1450.4 | 1446.5 | 1445.6 | 1447.6 | 1449.6 | 1451.6 | 1453.6 |
| 155° | 1495.0 | 1493.5 | 1490.4 | 1487.4 | 1484.3 | 1481.2 | 1480.7 | 1483.0 | 1485.4 | 1487.7 | 1490.0 |
| 157.5° | 1521.3 | 1519.5 | 1517.3 | 1515.2 | 1513.0 | 1510.8 | 1510.7 | 1512.7 | 1514.7 | 1516.6 | 1518.6 |
| 160° | 1536.8 | 1535.2 | 1533.7 | 1532.2 | 1530.6 | 1529.1 | 1529.1 | 1530.6 | 1532.2 | 1533.7 | 1535.2 |
| 162.5° | 1550.9 | 1549.2 | 1547.8 | 1546.5 | 1545.2 | 1543.8 | 1543.9 | 1545.5 | 1547.0 | 1548.6 | 1550.0 |
| 165° | 1568.4 | 1566.5 | 1565.8 | 1565.0 | 1564.2 | 1563.5 | 1563.8 | 1565.4 | 1566.9 | 1568.5 | 1570.0 |
| 167.5° | 1583.0 | 1581.2 | 1580.5 | 1579.7 | 1579.0 | 1578.3 | 1578.7 | 1580.2 | 1581.8 | 1583.3 | 1584.9 |
| 170° | 1590.4 | 1588.6 | 1588.0 | 1587.6 | 1587.1 | 1586.5 | 1587.1 | 1588.6 | 1590.2 | 1591.7 | 1593.3 |
| 172.5° | 1595.9 | 1594.2 | 1593.7 | 1593.1 | 1592.6 | 1592.1 | 1592.6 | 1594.2 | 1595.7 | 1597.3 | 1598.8 |
| 175° | 1602.0 | 1600.2 | 1599.7 | 1599.1 | 1598.6 | 1598.1 | 1598.8 | 1600.6 | 1602.4 | 1604.2 | 1606.0 |
| 177.5° | 1603.0 | 1601.6 | 1601.3 | 1601.2 | 1600.9 | 1600.8 | 1601.3 | 1602.8 | 1604.3 | 1605.7 | 1607.1 |
| 180° | 1602.5 | 1602.5 | 1602.5 | 1602.5 | 1602.5 | 1602.5 | 1602.5 | 1602.5 | 1602.5 | 1602.5 | 1602.5 |



TEST NUMBER: P331861-930

CATALOG NUMBER: S122RDIW-S1005D1440U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 |
| 2.5° | 1808.6 | 1810.0 | 1820.1 | 1824.6 | 1833.6 | 1837.0 | 1841.1 | 1840.0 | 1840.0 | 1842.1 | 1856.0 |
| 5° | 1812.5 | 1825.0 | 1843.7 | 1861.8 | 1879.3 | 1894.3 | 1904.3 | 1914.3 | 1918.1 | 1936.2 | 1952.4 |
| 7.5° | 1806.0 | 1829.0 | 1859.9 | 1887.6 | 1920.7 | 1946.5 | 1968.1 | 1987.4 | 2000.7 | 2027.0 | 2054.0 |
| 10° | 1797.5 | 1829.9 | 1864.9 | 1900.5 | 1946.1 | 1980.5 | 2015.5 | 2042.4 | 2051.1 | 2090.5 | 2113.0 |
| 12.5° | 1780.5 | 1824.0 | 1868.4 | 1914.6 | 1959.2 | 2006.5 | 2045.0 | 2071.8 | 2102.6 | 2138.0 | 2179.5 |
| 15° | 1755.0 | 1805.0 | 1863.0 | 1922.4 | 1986.2 | 2043.6 | 2084.9 | 2131.7 | 2165.4 | 2204.2 | 2240.4 |
| 17.5° | 1718.4 | 1782.7 | 1856.6 | 1925.3 | 1999.0 | 2060.8 | 2117.5 | 2162.4 | 2186.2 | 2208.3 | 2213.7 |
| 20° | 1689.4 | 1758.8 | 1845.6 | 1926.8 | 2000.5 | 2071.8 | 2127.9 | 2165.4 | 2171.7 | 2172.3 | 2139.2 |
| 22.5° | 1657.9 | 1736.3 | 1827.1 | 1910.3 | 1998.5 | 2077.7 | 2121.5 | 2137.5 | 2112.7 | 2070.4 | 2006.3 |
| 25° | 1600.0 | 1690.6 | 1796.2 | 1891.2 | 1987.4 | 2062.4 | 2077.4 | 2049.3 | 1962.4 | 1871.2 | 1755.6 |
| 27.5° | 1537.3 | 1639.2 | 1752.3 | 1857.9 | 1960.4 | 2006.9 | 1974.5 | 1873.2 | 1716.8 | 1580.8 | 1416.0 |
| 30° | 1491.3 | 1605.7 | 1716.9 | 1834.9 | 1929.9 | 1949.9 | 1875.6 | 1726.2 | 1543.8 | 1338.9 | 1174.6 |
| 32.5° | 1438.8 | 1558.7 | 1680.9 | 1803.0 | 1882.4 | 1863.0 | 1740.1 | 1556.3 | 1342.4 | 1140.9 | 985.6 |
| 35° | 1363.8 | 1487.6 | 1619.4 | 1741.9 | 1792.4 | 1708.1 | 1524.4 | 1285.2 | 1066.5 | 878.4 | 771.6 |
| 37.5° | 1277.2 | 1412.0 | 1549.1 | 1661.5 | 1657.9 | 1517.4 | 1267.1 | 1020.1 | 836.3 | 725.1 | 649.0 |
| 40° | 1215.8 | 1352.0 | 1500.1 | 1595.1 | 1554.4 | 1371.3 | 1100.2 | 867.2 | 732.9 | 644.2 | 588.6 |
| 42.5° | 1156.8 | 1293.6 | 1440.6 | 1516.0 | 1445.4 | 1220.4 | 950.3 | 767.7 | 656.9 | 587.7 | 542.6 |
| 45° | 1056.5 | 1200.8 | 1337.0 | 1378.8 | 1252.6 | 1004.6 | 768.5 | 636.0 | 562.3 | 511.0 | 479.8 |
| 47.5° | 958.4 | 1100.3 | 1224.7 | 1225.4 | 1054.8 | 814.7 | 648.2 | 550.4 | 487.5 | 447.8 | 425.1 |
| 50° | 898.4 | 1033.4 | 1137.7 | 1121.4 | 927.8 | 724.7 | 579.8 | 495.5 | 443.0 | 412.4 | 388.6 |
| 52.5° | 831.0 | 961.9 | 1052.2 | 1006.0 | 820.4 | 637.7 | 518.3 | 447.4 | 404.0 | 377.3 | 356.1 |
| 55° | 732.9 | 849.1 | 912.8 | 842.8 | 669.1 | 530.4 | 438.0 | 382.4 | 349.8 | 327.3 | 309.2 |
| 57.5° | 636.5 | 732.4 | 772.5 | 691.0 | 551.1 | 439.9 | 370.5 | 328.7 | 296.5 | 280.4 | 271.0 |
| 60° | 576.0 | 657.9 | 686.0 | 596.1 | 479.2 | 384.8 | 328.0 | 289.3 | 265.5 | 254.9 | 245.6 |
| 62.5° | 516.6 | 583.4 | 595.0 | 512.6 | 417.8 | 336.9 | 288.0 | 255.3 | 239.5 | 229.4 | 220.5 |
| 65° | 428.6 | 476.7 | 471.1 | 404.9 | 330.5 | 267.4 | 231.8 | 211.8 | 199.9 | 185.6 | 169.9 |
| 67.5° | 352.9 | 382.2 | 364.5 | 314.9 | 252.3 | 207.8 | 184.6 | 169.4 | 154.7 | 141.0 | 137.5 |
| 70° | 304.9 | 321.7 | 303.0 | 257.4 | 206.8 | 174.3 | 155.6 | 137.5 | 128.7 | 125.6 | 119.9 |
| 72.5° | 258.9 | 264.8 | 244.5 | 205.5 | 168.3 | 144.3 | 126.0 | 115.9 | 111.2 | 108.6 | 104.9 |
| 75° | 194.3 | 190.0 | 172.4 | 141.9 | 116.8 | 100.6 | 95.0 | 91.2 | 88.1 | 85.6 | 83.7 |
| 77.5° | 136.5 | 130.0 | 114.5 | 94.5 | 81.4 | 73.6 | 70.2 | 68.2 | 66.7 | 65.5 | 63.6 |
| 80° | 102.5 | 98.1 | 82.5 | 67.5 | 61.9 | 58.1 | 56.3 | 53.7 | 53.7 | 52.5 | 50.6 |
| 82.5° | 75.0 | 70.1 | 56.5 | 49.5 | 46.4 | 44.1 | 42.7 | 41.3 | 40.8 | 41.0 | 39.6 |
| 85° | 39.4 | 31.9 | 28.1 | 26.9 | 25.0 | 23.7 | 24.4 | 23.2 | 23.2 | 23.2 | 22.5 |
| 87.5° | 12.8 | 10.8 | 10.9 | 11.0 | 12.0 | 12.4 | 12.3 | 12.7 | 13.6 | 13.4 | 14.2 |
| 90° | 4.0 | 6.8 | 9.7 | 12.5 | 14.9 | 17.0 | 19.1 | 21.1 | 23.2 | 24.5 | 25.8 |
| 92.5° | 23.2 | 22.9 | 22.7 | 22.4 | 22.7 | 23.8 | 24.9 | 25.8 | 26.9 | 27.6 | 28.2 |
| 95° | 66.9 | 58.4 | 49.9 | 41.3 | 38.0 | 39.8 | 41.6 | 43.5 | 45.2 | 46.5 | 47.8 |
| 97.5° | 125.6 | 101.7 | 77.7 | 53.7 | 43.9 | 48.0 | 52.2 | 56.3 | 60.5 | 61.6 | 62.6 |
| 100° | 169.9 | 134.6 | 99.3 | 64.0 | 48.6 | 52.9 | 57.3 | 61.7 | 66.1 | 68.2 | 70.2 |
| 102.5° | 259.0 | 251.5 | 244.0 | 236.6 | 214.5 | 177.9 | 141.2 | 104.6 | 67.9 | 70.6 | 73.3 |
| 105° | 360.2 | 367.9 | 375.7 | 383.4 | 352.1 | 281.8 | 211.4 | 141.0 | 70.8 | 73.5 | 76.4 |
| 107.5° | 456.8 | 463.1 | 469.3 | 475.6 | 436.5 | 352.1 | 267.7 | 183.4 | 99.1 | 96.1 | 93.3 |
| 110° | 519.1 | 524.5 | 529.9 | 535.3 | 500.8 | 426.3 | 351.9 | 277.4 | 202.9 | 177.2 | 151.4 |



TEST NUMBER: P331861-930

CATALOG NUMBER: S122RDIW-S1005D1440U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 577.8 | 582.6 | 587.4 | 592.2 | 585.4 | 567.0 | 548.6 | 530.2 | 511.8 | 417.8 | 323.8 |
| 115° | 671.2 | 675.5 | 679.9 | 684.3 | 689.7 | 696.1 | 702.5 | 709.0 | 715.4 | 596.1 | 476.9 |
| 117.5° | 755.4 | 760.3 | 765.2 | 770.1 | 774.7 | 779.1 | 783.6 | 788.0 | 792.5 | 763.6 | 734.7 |
| 120° | 815.5 | 819.4 | 823.3 | 827.1 | 831.4 | 836.0 | 840.7 | 845.3 | 849.9 | 853.0 | 856.1 |
| 122.5° | 867.7 | 871.8 | 875.9 | 880.0 | 884.5 | 889.5 | 894.5 | 899.6 | 904.7 | 906.5 | 908.4 |
| 125° | 946.1 | 949.4 | 952.8 | 956.1 | 960.3 | 965.2 | 970.0 | 974.9 | 979.8 | 981.6 | 983.4 |
| 127.5° | 1018.1 | 1021.8 | 1025.5 | 1029.2 | 1032.9 | 1036.6 | 1040.2 | 1043.9 | 1047.6 | 1050.2 | 1052.8 |
| 130° | 1064.0 | 1068.0 | 1072.2 | 1076.4 | 1079.8 | 1082.6 | 1085.5 | 1088.3 | 1091.1 | 1094.0 | 1096.8 |
| 132.5° | 1109.7 | 1113.2 | 1116.7 | 1120.2 | 1123.4 | 1126.3 | 1129.0 | 1131.9 | 1134.7 | 1137.2 | 1139.5 |
| 135° | 1170.6 | 1174.8 | 1178.8 | 1183.0 | 1186.2 | 1188.5 | 1190.8 | 1193.2 | 1195.5 | 1198.1 | 1200.6 |
| 137.5° | 1230.4 | 1233.3 | 1236.2 | 1239.0 | 1241.8 | 1244.4 | 1247.1 | 1249.7 | 1252.3 | 1254.8 | 1257.4 |
| 140° | 1269.4 | 1271.5 | 1273.6 | 1275.6 | 1278.1 | 1280.9 | 1283.8 | 1286.6 | 1289.4 | 1291.8 | 1294.0 |
| 142.5° | 1302.6 | 1304.5 | 1306.4 | 1308.2 | 1310.8 | 1314.0 | 1317.3 | 1320.5 | 1323.7 | 1325.8 | 1328.0 |
| 145° | 1352.9 | 1352.7 | 1352.4 | 1352.2 | 1354.2 | 1358.6 | 1363.0 | 1367.3 | 1371.7 | 1373.5 | 1375.3 |
| 147.5° | 1397.9 | 1396.9 | 1396.0 | 1395.0 | 1396.6 | 1400.9 | 1405.3 | 1409.7 | 1414.0 | 1415.3 | 1416.7 |
| 150° | 1426.8 | 1425.0 | 1423.2 | 1421.3 | 1422.5 | 1426.6 | 1430.8 | 1434.8 | 1439.0 | 1440.6 | 1442.1 |
| 152.5° | 1451.6 | 1449.6 | 1447.6 | 1445.6 | 1446.5 | 1450.4 | 1454.3 | 1458.2 | 1462.2 | 1463.7 | 1465.3 |
| 155° | 1487.7 | 1485.4 | 1483.0 | 1480.7 | 1481.2 | 1484.3 | 1487.4 | 1490.4 | 1493.5 | 1495.0 | 1496.6 |
| 157.5° | 1516.6 | 1514.7 | 1512.7 | 1510.7 | 1510.8 | 1513.0 | 1515.2 | 1517.3 | 1519.5 | 1521.3 | 1523.0 |
| 160° | 1533.7 | 1532.2 | 1530.6 | 1529.1 | 1529.1 | 1530.6 | 1532.2 | 1533.7 | 1535.2 | 1536.8 | 1538.3 |
| 162.5° | 1548.6 | 1547.0 | 1545.5 | 1543.9 | 1543.8 | 1545.2 | 1546.5 | 1547.8 | 1549.2 | 1550.9 | 1552.7 |
| 165° | 1568.5 | 1566.9 | 1565.4 | 1563.8 | 1563.5 | 1564.2 | 1565.0 | 1565.8 | 1566.5 | 1568.4 | 1570.2 |
| 167.5° | 1583.3 | 1581.8 | 1580.2 | 1578.7 | 1578.3 | 1579.0 | 1579.7 | 1580.5 | 1581.2 | 1583.0 | 1584.8 |
| 170° | 1591.7 | 1590.2 | 1588.6 | 1587.1 | 1586.5 | 1587.1 | 1587.6 | 1588.0 | 1588.6 | 1590.4 | 1592.2 |
| 172.5° | 1597.3 | 1595.7 | 1594.2 | 1592.6 | 1592.1 | 1592.6 | 1593.1 | 1593.7 | 1594.2 | 1595.9 | 1597.7 |
| 175° | 1604.2 | 1602.4 | 1600.6 | 1598.8 | 1598.1 | 1598.6 | 1599.1 | 1599.7 | 1600.2 | 1602.0 | 1603.8 |
| 177.5° | 1605.7 | 1604.3 | 1602.8 | 1601.3 | 1600.8 | 1600.9 | 1601.2 | 1601.3 | 1601.6 | 1603.0 | 1604.4 |
| 180° | 1602.5 | 1602.5 | 1602.5 | 1602.5 | 1602.5 | 1602.5 | 1602.5 | 1602.5 | 1602.5 | 1602.5 | 1602.5 |



TEST NUMBER: P331861-930

CATALOG NUMBER: S122RDIW-S1005D1440U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 |
| 2.5° | 1861.1 | 1867.5 | 1870.5 | 1870.5 | 1874.0 | 1872.6 | 1871.0 |
| 5° | 1968.1 | 1979.9 | 1982.4 | 1993.7 | 2001.7 | 1999.3 | 2000.5 |
| 7.5° | 2074.4 | 2093.4 | 2112.4 | 2121.0 | 2122.3 | 2127.4 | 2129.2 |
| 10° | 2139.8 | 2155.5 | 2184.8 | 2180.4 | 2202.3 | 2214.8 | 2194.2 |
| 12.5° | 2202.8 | 2223.9 | 2244.3 | 2249.9 | 2262.3 | 2266.3 | 2258.1 |
| 15° | 2259.8 | 2271.0 | 2272.3 | 2269.1 | 2272.9 | 2269.8 | 2257.9 |
| 17.5° | 2206.5 | 2188.3 | 2151.3 | 2133.8 | 2119.9 | 2099.5 | 2091.2 |
| 20° | 2118.6 | 2064.8 | 2002.4 | 1977.4 | 1948.0 | 1890.5 | 1904.3 |
| 22.5° | 1928.7 | 1867.4 | 1805.0 | 1732.0 | 1697.1 | 1642.7 | 1639.4 |
| 25° | 1633.1 | 1527.5 | 1411.4 | 1330.2 | 1282.6 | 1228.3 | 1204.5 |
| 27.5° | 1269.7 | 1136.9 | 1041.6 | 993.4 | 949.5 | 906.4 | 904.7 |
| 30° | 1030.9 | 930.9 | 857.2 | 816.0 | 789.0 | 770.9 | 774.7 |
| 32.5° | 868.9 | 800.5 | 750.7 | 716.5 | 696.6 | 683.0 | 682.7 |
| 35° | 710.4 | 663.5 | 631.6 | 617.3 | 602.9 | 592.9 | 593.5 |
| 37.5° | 607.9 | 579.8 | 562.1 | 546.2 | 537.2 | 532.3 | 529.5 |
| 40° | 555.4 | 532.3 | 518.5 | 509.2 | 501.7 | 494.8 | 493.6 |
| 42.5° | 514.0 | 494.8 | 481.1 | 473.7 | 466.7 | 461.9 | 460.6 |
| 45° | 456.1 | 440.4 | 428.0 | 419.9 | 416.7 | 412.4 | 412.4 |
| 47.5° | 405.7 | 390.4 | 380.6 | 375.5 | 370.1 | 367.2 | 367.1 |
| 50° | 371.8 | 359.9 | 351.1 | 348.0 | 343.6 | 341.8 | 341.1 |
| 52.5° | 341.3 | 332.4 | 326.1 | 324.0 | 322.1 | 319.8 | 320.2 |
| 55° | 299.9 | 294.9 | 292.4 | 290.5 | 287.4 | 283.6 | 286.2 |
| 57.5° | 265.1 | 260.8 | 254.0 | 248.2 | 245.3 | 242.6 | 243.7 |
| 60° | 240.5 | 231.8 | 223.1 | 216.1 | 214.3 | 208.6 | 208.6 |
| 62.5° | 209.5 | 197.3 | 186.5 | 182.7 | 180.8 | 178.2 | 177.7 |
| 65° | 161.2 | 156.2 | 153.7 | 151.2 | 149.9 | 149.9 | 148.7 |
| 67.5° | 133.5 | 131.6 | 128.8 | 128.2 | 126.9 | 126.6 | 126.2 |
| 70° | 118.1 | 115.6 | 114.3 | 113.7 | 112.4 | 113.1 | 111.2 |
| 72.5° | 103.1 | 101.1 | 100.9 | 99.2 | 98.5 | 98.6 | 97.2 |
| 75° | 81.2 | 81.2 | 80.6 | 80.0 | 78.8 | 78.1 | 78.8 |
| 77.5° | 62.5 | 62.6 | 61.5 | 61.4 | 61.2 | 61.4 | 60.7 |
| 80° | 50.0 | 50.6 | 50.0 | 49.3 | 48.8 | 49.3 | 48.8 |
| 82.5° | 39.5 | 38.6 | 38.5 | 38.4 | 38.2 | 37.8 | 37.7 |
| 85° | 22.5 | 23.2 | 22.5 | 21.9 | 21.9 | 21.9 | 22.5 |
| 87.5° | 13.9 | 14.2 | 14.3 | 14.4 | 14.5 | 14.7 | 14.3 |
| 90° | 27.1 | 28.4 | 29.3 | 29.8 | 30.2 | 30.8 | 31.3 |
| 92.5° | 28.9 | 29.6 | 30.1 | 30.4 | 30.7 | 31.0 | 31.3 |
| 95° | 49.1 | 50.4 | 50.9 | 50.6 | 50.4 | 50.1 | 49.9 |
| 97.5° | 63.6 | 64.7 | 65.3 | 65.6 | 66.0 | 66.3 | 66.5 |
| 100° | 72.3 | 74.4 | 75.7 | 76.1 | 76.6 | 77.2 | 77.7 |
| 102.5° | 76.0 | 78.7 | 80.4 | 81.1 | 81.8 | 82.5 | 83.2 |
| 105° | 79.2 | 82.1 | 84.0 | 85.0 | 86.1 | 87.1 | 88.1 |
| 107.5° | 90.3 | 87.5 | 86.6 | 87.6 | 88.6 | 89.7 | 90.7 |
| 110° | 125.6 | 99.9 | 87.5 | 88.5 | 89.5 | 90.6 | 91.6 |



TEST NUMBER: P331861-930

CATALOG NUMBER: S122RDIW-S1005D1440U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 229.8 | 135.8 | 89.2 | 90.1 | 90.9 | 91.7 | 92.5 |
| 115° | 357.5 | 238.2 | 169.3 | 150.7 | 132.2 | 113.7 | 95.1 |
| 117.5° | 705.9 | 677.0 | 632.1 | 571.1 | 510.1 | 449.1 | 388.2 |
| 120° | 859.2 | 862.3 | 846.4 | 811.7 | 776.9 | 742.1 | 707.4 |
| 122.5° | 910.3 | 912.1 | 909.6 | 902.9 | 896.2 | 889.4 | 882.6 |
| 125° | 985.2 | 987.0 | 988.3 | 989.1 | 989.9 | 990.7 | 991.4 |
| 127.5° | 1055.4 | 1058.0 | 1059.5 | 1059.6 | 1059.7 | 1059.9 | 1060.1 |
| 130° | 1099.7 | 1102.4 | 1103.8 | 1103.5 | 1103.3 | 1103.0 | 1102.7 |
| 132.5° | 1142.0 | 1144.4 | 1145.5 | 1145.3 | 1145.0 | 1144.8 | 1144.4 |
| 135° | 1203.2 | 1205.8 | 1206.8 | 1206.3 | 1205.8 | 1205.3 | 1204.8 |
| 137.5° | 1259.9 | 1262.4 | 1263.2 | 1262.3 | 1261.5 | 1260.6 | 1259.7 |
| 140° | 1296.4 | 1298.7 | 1299.2 | 1298.0 | 1296.7 | 1295.3 | 1294.0 |
| 142.5° | 1330.1 | 1332.2 | 1332.6 | 1331.3 | 1330.0 | 1328.8 | 1327.5 |
| 145° | 1377.1 | 1379.0 | 1379.2 | 1377.9 | 1376.6 | 1375.3 | 1374.1 |
| 147.5° | 1418.0 | 1419.4 | 1419.4 | 1418.4 | 1417.3 | 1416.2 | 1415.1 |
| 150° | 1443.7 | 1445.2 | 1445.3 | 1444.1 | 1442.8 | 1441.4 | 1440.1 |
| 152.5° | 1466.8 | 1468.4 | 1468.3 | 1466.6 | 1464.9 | 1463.2 | 1461.5 |
| 155° | 1498.1 | 1499.7 | 1499.4 | 1497.4 | 1495.3 | 1493.2 | 1491.2 |
| 157.5° | 1524.7 | 1526.5 | 1526.3 | 1524.4 | 1522.3 | 1520.3 | 1518.3 |
| 160° | 1539.9 | 1541.4 | 1541.3 | 1539.5 | 1537.7 | 1535.9 | 1534.1 |
| 162.5° | 1554.4 | 1556.2 | 1555.9 | 1553.7 | 1551.5 | 1549.3 | 1547.1 |
| 165° | 1572.0 | 1573.8 | 1573.8 | 1572.0 | 1570.2 | 1568.4 | 1566.5 |
| 167.5° | 1586.6 | 1588.4 | 1588.1 | 1585.8 | 1583.5 | 1581.2 | 1578.8 |
| 170° | 1594.0 | 1595.8 | 1595.5 | 1593.3 | 1590.9 | 1588.6 | 1586.2 |
| 172.5° | 1599.5 | 1601.3 | 1601.1 | 1598.8 | 1596.4 | 1594.2 | 1591.8 |
| 175° | 1605.6 | 1607.4 | 1607.0 | 1604.4 | 1601.8 | 1599.3 | 1596.7 |
| 177.5° | 1605.9 | 1607.4 | 1607.1 | 1605.2 | 1603.4 | 1601.6 | 1599.7 |
| 180° | 1602.5 | 1602.5 | 1602.5 | 1602.5 | 1602.5 | 1602.5 | 1602.5 |

(END OF REPORT)